

THE INTEGRATED FISHERIES DATA MANAGEMENT PROGRAMME

Subject: FLUX Inspection & Surveillance Report Implementation Document v1.6.0

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1. INTRODUCTION

This document describes the implementation of the UN/CEFACT¹ FLUX standard for the electronic data exchange of inspection and surveillance (IS) report data in the context of the EU. The objective is the reliable transmission of inspection and surveillance reports between relevant parties and adequate technical measures and organization to ensure cross-talks between remote IT systems.

The target audience is technical staff.

2. GLOSSARY

BRS	Business Requirements Specification
COM	European Commission, or the body designated by it
CP	Control Party
EC	European Commission
EFCA	European Fisheries Control Agency
EU	European Union
FLUX	Fisheries Language for Universal eXchange
GP	General Principles
ID	Implementation document
IS	Inspection and Surveillance
ISR	Inspection and Surveillance Report
JDP	Joint Deployment Plan
MDR	Master Data Register
MS	(EU) Member State
RFMO	Regional Fisheries Management Organization
UN/CEFACT	United Nations Centre for Trade Facilitation and Electronic Business
VMS	Vessel Monitoring System
XML	eXtensible Markup Language
XSD	XML Schema Definition

3. LEGAL BASIS

Inspection and surveillance data exchange applies in various scenarios mentioned by the regulations listed below.

- Council Regulation (EC) 1224/2009 (Control Regulation): Art. 71.3/4, Art. 76.1, Art. 78, Art. 83.1
- Commission Implementing Regulation (EU) 404/2011 (Implementing Rules of Control Regulation): Art. 92.1/2, Art. 99, Art. 118.1 / 118.2, Art. 123 (as amended in 2015)
- Council Regulation (EC) 1005/2008 (IUU Regulation): Art. 48.2/4, Art. 48.5, Art. 49.1/2
- Commission Implementing Decision (EU) 2018/1986 (Specific Control and Inspection Programmes (SCIP)): Art. 10.1
- Decisions of the Executive Director of the European Fisheries Control Agency establishing Joint Deployment Plans in the North Sea (2018/32), Baltic Sea (2018/35), Western Waters (2018/33), East Atlantic and Mediterranean (2018/30), and Black Sea (2018/31): Art. 13 and Annex III.

¹ <http://www.unece.org/cefact.html>

4. REFERENCES

The following documents and data structures are directly linked and should be read in connection to this Implementation Document:

Standard	Version
FLUX BRS/ID: P1000 – 1: General principles	2.1.3
FLUX BRS/ID: P1000 – 2: Fishing Vessel domain	3.2.1/2.1.0
FLUX BRS/ID: P1000 – 3: Fishing Activity domain	1.1.1/2.1.1
FLUX BRS/ID: P1000 – 5: Sales domain	1.1.1/2.6.0
FLUX BRS: P1000 – 8: Inspection and Surveillance Domain	1.3.0

Inspection and Surveillance UN/CEFACT XSD
FLUXISRMMessage_8p0.xsd (in release 22A)
FLUXISRQueryMessage_8p0.xsd (in release 22A)
FLUXISRResponseMessage_8p0.xsd (in release 22A)

These documents are available on the Master Data Register page of the European Commission Fisheries website².

5. SCOPE, STAKEHOLDERS AND TERMINOLOGY

5.1. Scope

This document only covers the exchange of Inspection and Surveillance Reports between various stakeholders in the EU. How Inspection and Surveillance reports are produced, exchanged between the inspectors and the national authority of the control state, and processed/stored by that control authority is out of scope in this document.

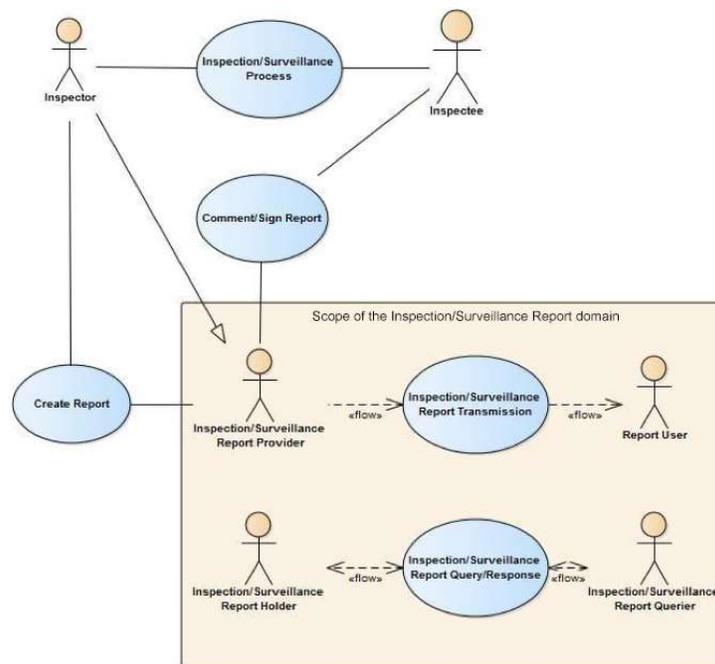


Figure 1. ISR domain: overview diagram

² http://ec.europa.eu/fisheries/cfp/control/codes/index_en.htm

An IS Report may refer to the:

- Inspection of a fishing vessel at sea;
- Inspection of a fishing vessel during transshipment;
- Inspection of fishing vessel in port;
- Inspection of a market/premises;
- Inspection of a transport vehicle;
- Sighting of a vessel at sea during a Surveillance operation.

5.2. Stakeholders

The following stakeholders take part in data flows:

Stakeholder	Description
Control Party	The party responsible for the inspection or surveillance activity (e.g.: a Member State)
Flag State	The State in which the vessel is registered
Registration State	The administration of the State in which a transport vehicle or a market/premises is registered/located
Coastal State	The State in the waters of which the vessel inspection is carried out
COM	The European Commission or the Body designated by it
EFCA	The European Fisheries Control Agency

5.3. Terminology

In the context of the EU regulation, an electronic *Inspection and Surveillance Report* (IS Report) is the set of standard attributes related to a report of an inspection or surveillance event conducted by a Control Party, that shall be exchanged electronically.

6. PROCEDURES

6.1. Assumptions

The exchange of the business messages described in this document is done through the FLUX Transportation Layer for which technical and functional documentations is published on the Master Data Register (MDR) page of the European Commission Fisheries website³.

6.2. General principles

An inspection or surveillance report is created by fishery inspectors of the control party during a control or surveillance operation. Each report is stored in electronic format by the Control Party.

There are two ways of exchanging IS Reports:

- Submission of Inspection or Surveillance report by a Report Submitter to a Report Receiver (see more details in Section 6.3);

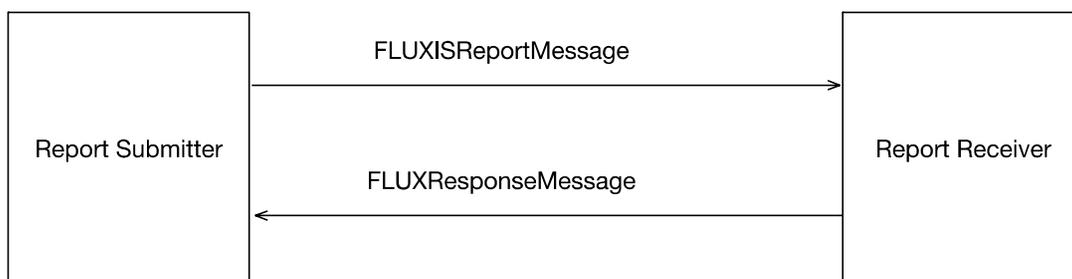


Figure 2. General principle of submission of an IS Report

- Query for Inspection or Surveillance report(s) by a Report Querier to a Report Holder (see more details in Section 6.4).

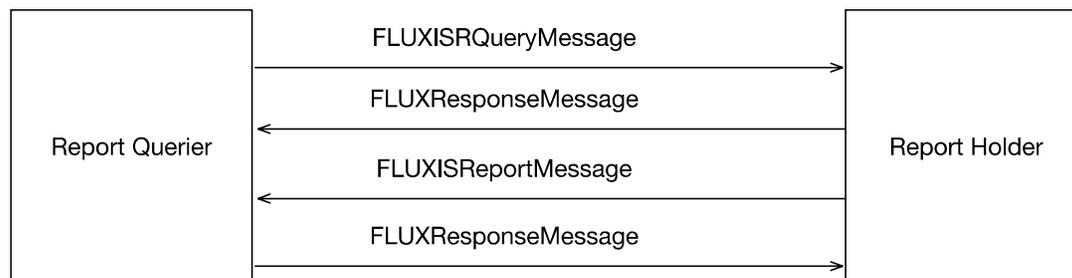


Figure 3. General principle of querying for Inspection & Surveillance reports

After having conducting an inspection, the Control Party (*Report submitter*) shall submit IS Report to various receivers depending on the situation. These receivers include:

- the Flag/Registration /Citizenship state of the controlled Party, if different from the Control Party,
- the Coastal State (for an inspection at sea), if different from the Control Party,
- the COM in case of potential infringement detection,
- the EFCA if the inspection or surveillance is in the context to a JDP, as specified in the relevant JDP decisions.

³ http://ec.europa.eu/fisheries/cfp/control/codes/index_en.htm

A query can be made by an ISR FLUX party to another ISR Flux party in the following legal contexts:

- A MS part of a JDP can query EFCA at any time for IS Reports produced in the context of this JDP.
- The Commission or body designated by it (*IS Reports Querier*) can query at any time a MS representing a Control Party (*IS Reports Holder*) for IS reports owned by that party.
- In pre-inspection phase of a fishing vessel, the control party (*IS Reports Querier*) can query the Flag State of the targeted vessel (*IS Reports Holder*) for past inspection and surveillance reports related to that particular fishing vessel, including those corresponding to controls carried out by other control party than the flag state. This applies only to vessel inspections: at sea, in port or during transhipment).

Note: The Query Context determines the allowed perimeter of a query, but there is no easy way to automatically verify that the Query Context value indicated in a Query Message is indeed legitimate. For example, if a Control State sends a pre-inspection query to a Flag State regarding a fishing vessel, the Flag State has no automated way to determine that the query was made during a pre-inspection of that vessel. Thus, there will be no business rules defined to control the legitimacy of a query as regards its context.

6.2.1. Message validation

Each message exchanged between two stakeholders must be validated by the sender before transmitting and by the receiver upon receipt of the message.

The validation process is done in two steps:

1. XML Validation: Based on the definition in the XSD⁴, the parser validates the structure and basic cardinality as well as compliance for mandatory elements⁵ of the XML message provided, as defined in the XML schema.
2. Business Rules Validation: a process validates the content of the XML message according to, firstly, the General Principles Business Rules definition and, secondly, to all other specific business rules defined in the domain (see Section 8).

⁴ The XSD considered for the validation process is the standard UN/CEFACT XSD for the Inspection and Surveillance domain, defined in standard P1000-8.

⁵ In general, only XSD elements are defined as mandatory. Element listIDs attributes and facets remain optional.

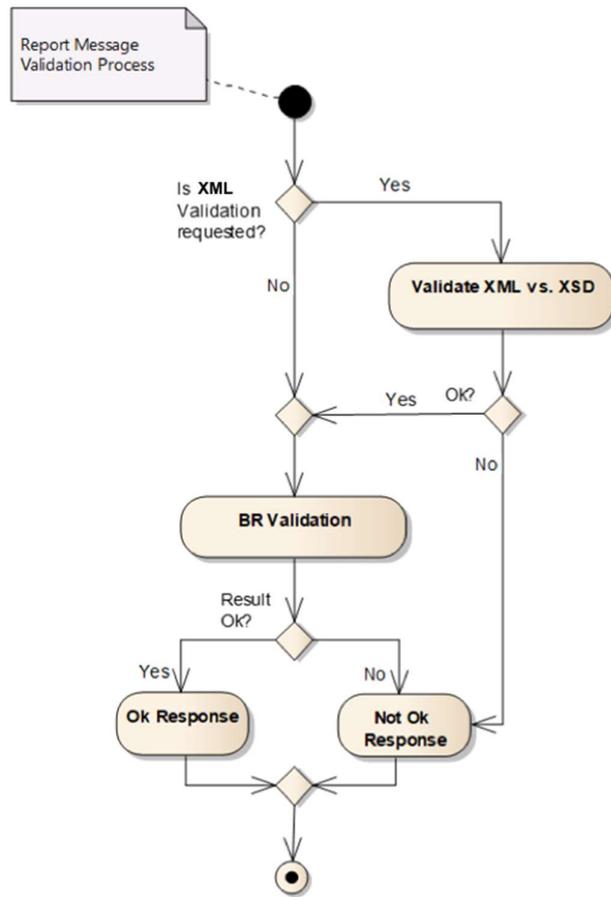


Figure 4. Report message validation diagram

The Business Rules Validation result can be the following:

1. **ERR:** Error: An error has been detected. The report is not accepted by the receiver and the complete transmission is refused. A response message is returned to the sender as a rejection notification.
2. **WAR:** Warning: The report is accepted by the receiver, but a response message is returned to the sender specifying which business rules have triggered the warning.

When the exchange in an automatic and immediate way is not possible or when exchanged messages cannot be understood by the receiver, the agreed manual fall back procedure must be engaged (see Section 6.6 Business Continuity Plan).

6.2.2. Information on the errors or warnings in the Response message

The response message returned to the sender of the message contains information on the acceptance or refusal of that message.

If errors or warnings are found, the response message includes information for each rule that failed the validation: business rule identifier, an indication of whether this is an error or a warning, a business rule result text, and a reference to the entity on which the business rule failed. Details on how to implement this are provided in Section 7.3.

Business rules that fail with an error must be considered as blocking issues that need to be corrected before the report can be (re-)transmitted by the sending party or accepted by the receiving party. One error causes the whole message to be rejected.

Business rules that fail with a warning are not to be considered blocking issues and hence reports generating only warnings cannot be rejected on that basis.

6.2.3. Unique identifiers

Each ISR electronic message shall be identified through a *unique identifier* produced by the sender. This identifier is a universally unique identifier (UUID). In addition to their UUID, some ISR messages may include a reference to the message that triggered their creation when Applicable. (confirmation of reception, reply to a query).

Each IS Report shall equally be uniquely identified through a *unique identifier* produced by the sender. This identifier is a universally unique identifier (UUID).

Each IS report is identified through a *human readable unique identifier*. This identifier is contained in the Identification data field (IS_Report / ID / schemeID="EU_ISR_ID") of the XML IS_Report entity, and is formatted according to the following rule:

- 3 letters representing the code of the control party (*) defining and delivering the identifier
- followed by a hyphen ("-")
- followed by the code "ISR"
- followed by a hyphen ("-")
- followed by a country specific unique ID of maximum 20 characters

(*) The code of the control party shall be part of the code list ISR_CONTROL_PARTY.

The country specific unique ID must be unique within the country delivering it.

This identifier is also used when an IS report refers to another one (e.g. transshipment where both the donor and the receiver vessel would be inspected).

IS reports with the same UUID are considered identical. When an IS Report received has the same UUID than another one received previously, the report is rejected. A receiver may decide to perform the validation anyway.

When an IS Report received has the same Human Readable Identifier than one received previously, if their UUID are different, they shall be considered as two different reports.

6.3. FLUX Inspection and Surveillance Report message

6.3.1. Submission of an IS Report

After an inspection/surveillance has been completed, the Control Party (*the sender*) shall submit the Inspection & Surveillance Report to various receivers according to EU regulation as described in section 6.2.

The submission should be done "without delay" according to the regulation, so there is no strictly defined submission deadline/period.

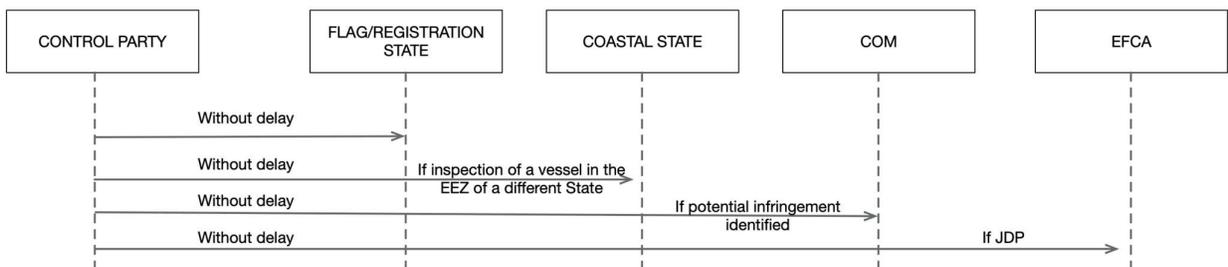


Figure 5. Sequence diagram of the ISR submission process

A message submitted contains data for one Inspection & Surveillance Report only.

The workflow

Sending: A FLUX message (Inspection & Surveillance report) is transmitted by the IS Report Submitter using the Transportation Layer.

Reception: When received by the Receiver, it is delivered to the relevant system.

Validation: The structure of the message is validated against the XML schema and the content of the message is validated according to the business rules by the receiver.

The message is refused by the validation process if at least one error (error type = "ERR") is found in the content. If so, the Inspection & Surveillance report is not stored.

If there is no rejection, the content of the message is processed by the Receiver's system.

Reply: A response message is prepared by the system. It contains the status of the operation (success or failure) and the possible warnings or errors identified by the validation process. This message is sent to the IS Report Submitter.

Figure 6 describes the normal procedure for sending IS Report messages. This procedure respects the FLUX General Principles transmission procedure.

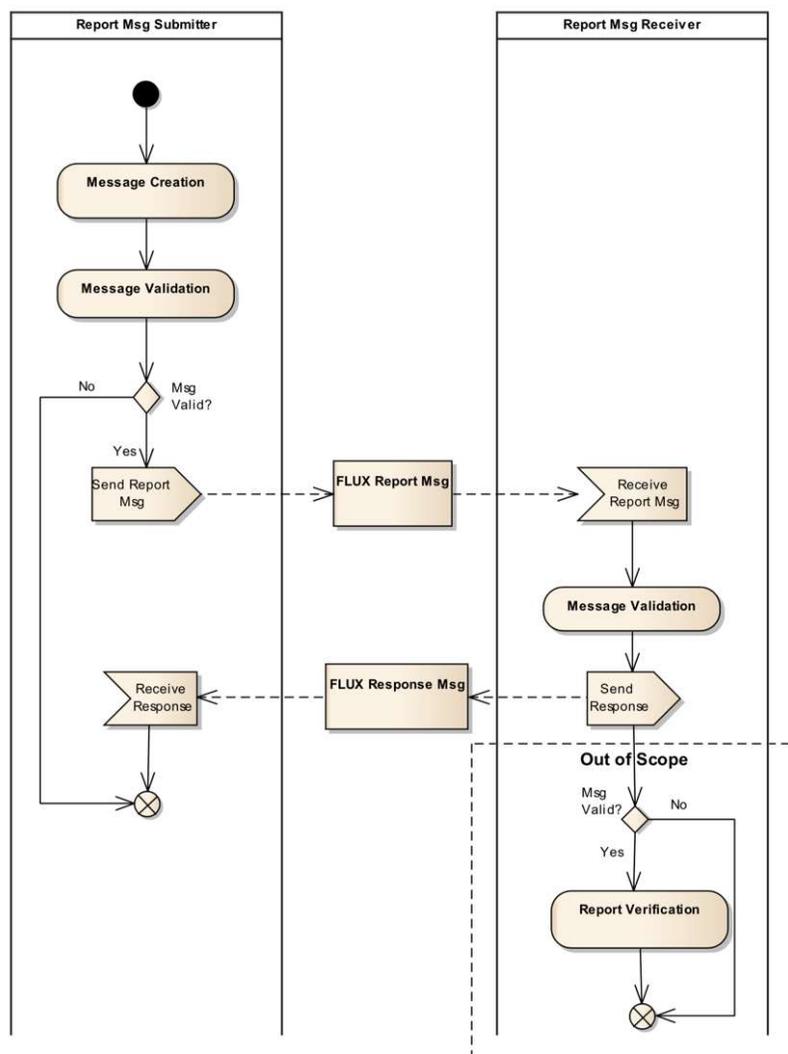


Figure 6. Message transmission activity diagram

Data availability

The information is available in the receiver's system at the end of the validation process, if no rejection has been found.

Possible errors and warnings detected during the validation process can be registered in the receiver's system, but this is optional.

6.3.2. *Correction or deletion of an IS Report*

- When a control party corrects or deletes an IS report, a correction or deletion message shall be sent to all the parties to whom the control party sent the report previously. This doesn't apply to the IS reports sent as a reply to a query.
- To indicate which IS Report is to be corrected or deleted, the correction or deletion FLUX ISR Message includes a reference to the unique universal identifier (UUID) of the IS Report to correct or delete.
- A correction is done by replacing entirely an existing IS Report with a new IS Report identified with a new UUID but same Human Readable Identifier. The new IS Report is included in the Correction message. If more than one IS Report are included in a correction message, only the first IS report will be considered and the additional IS Reports will be ignored.
- The Human Readable Identifier of an IS Report cannot be corrected. To change the Human Readable Identifier of an IS report, the IS report shall be deleted and a new IS Report shall be created.
- A deletion message doesn't include any IS Report. If it does, they will be ignored.
- If a report has been already the object of correction(s), a deletion or new correction shall refer to the latest version of the report.
- Deletion of a corrected report does not imply the restoration of the report's previous version(s), including its original one.
- Once a report has been deleted, it cannot be corrected nor undeleted.

See Section 7.4 for additional details on the implementation of correction and deletion.

6.4. FLUX Inspection and Surveillance Report Query Message

Figure 7 describes the normal procedure for sending an IS Report query message. This procedure respects the FLUX General Principles transmission procedure.

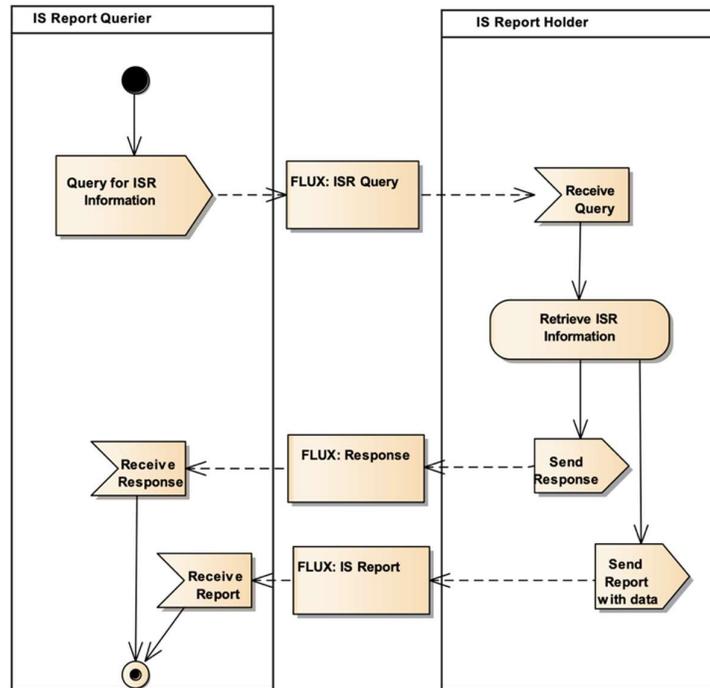


Figure 7. ISR Query activity diagram

Each IS Report query (ISR Query message) will have exactly one general principles response (FLUX Response message), acknowledging receipt of the query.

In case one or more IS Reports exist that match the query parameters and the access rules, an IS Report message (FLUX IS Report message) will be returned, which contains the relevant IS Reports.

In case there is no matching IS Report, the FLUX ISR Message returned to the querier will be empty (with only the FLUX Report Document).

A Query must include a delimited period referring to inspection/surveillance reports produced during that time interval. The reference date of an IS Report is provided in the element ISReport/ReferenceDateTime. The query delimited period covers at most the last 36 months (three years). When responding to a query, it is not mandatory to return reports older than the date of the entry in production of the relevant module.

A query must include a Query type defining the type of object target of the control:

- Q-VESSEL: returns reports relevant to a vessel: At sea (module 1), In port (module 3) and Transshipment (module 2) inspection reports, as well as Surveillance reports (module 6).
- Q-MARKET: returns Market/Premises inspection reports (module 4).
- Q-TRANSPORT: returns Transport inspection reports (module 5).

The IS Query message contains the delimited period, the query type and the search criteria, including the Query Context⁶. The different search criteria available for each query context and query type are summarised in Table 1. When more than one search criteria are provided, the response to the query shall include only reports matching all search criteria (logical AND).

Regarding the "Vessel identifier" criteria, if a non-permanent vessel identifier (e.g. IRCS) is used, the query should return reports related to the vessel to which the non-permanent identifier value is currently assigned (at the date of the query).

⁶ Query parameters refer specifically to the entities defined in FLUX as SimpleISRQueryParam. The possible values are listed in the ISR_QUERY_PARAM code list.

	Query Context		
	COM	Pre-inspection	JDP
Mandatory Common Query Criteria			
Context	Mandatory	Mandatory	Mandatory
Delimited period of time (Reporting)	Mandatory	Mandatory	Mandatory
Type	Mandatory	Mandatory	Mandatory
Other Criteria usable for any type of query			
Control Party	Optional	Optional	Optional
IS_Report Human readable ID	Optional	Optional	Optional
Inspection/Surveillance Programme	Optional	Optional	Mandatory
Criteria specific to query type Q_VESSEL (M1, M2, M3, M6)			
Inspected Vessel identifier: one value amongst CFR, IRCS, UVI, external mark	Optional	Mandatory	Optional
Inspected Vessel Flag State (* mandatory if Vessel Id is External mark)	Optional(*)	Optional(*)	Optional(*)
Criteria specific to query type Q_MARKET (M4)			
none			
Criteria specific for query type Q_TRANSPORT (M5)			
Tractor identification	Optional	Not applicable	Optional
Trailer identification	Optional	Not applicable	Optional
Country of Registration (* mandatory if Tractor or Trailer identification is used)	Optional (*)	Not applicable	Optional (*)

Table 1. IS report query criteria by query context and ISR query type

6.5. FLUX response message

In response to an IS Report message (FLUX IS Report Message) or IS Report query (ISR Query message), exactly one general principles response (FLUX Response message) must be returned. It must be generated automatically and immediately, without human intervention. The recommended maximum delay for responding is 5 minutes.

The following rules apply:

- The general principles response (FLUX Response message) shall contain a reference to the unique identifier of the IS Report (FLUX IS Report Message) or ISR query (ISR Query message). This reference shall be the UUID of the original message.
- In cases when this UUID of the original message is not available (e.g., not present or XSD validation failure of that message), erroneous (invalid UUID format) or not correctly used in the original message (e.g., wrong or no schemeID), the FLUX Transportation Layer operation number (SchemeID=FLUXTL_ON) shall be used to reference the original message.
- For messages received via the report mechanism (FLUX IS Report Message) or for queries (FLUX ISR query message) that pass the well-formedness and (optional) XSD checks, the response will contain an acknowledgement of receipt.
- In case any of the business validation rules fail (see Section 0) with an error or warning, the complete validation results must be included in the response message (see Section 6.2.2).

- The party receiving the validation results must take action to correct any issue and retransmit a corrected version of the message, where transmission of the data is required.
- There is no response on a response. When the response generates an error in the receiving system, e.g. due to an unexpected data format or contents and as a consequence cannot be understood at all by the receiving party, the established fall-back procedure must be engaged.
- A FLUX Response message cannot be corrected, deleted nor cancelled.

6.6. Business Continuity Plan

The document "FLUX Business Continuity Plan.docx" which covers all FLUX domains, is available on the on the Master Data Register page of the European Commission Fisheries website.

In that document, in the paragraph related to the communication with the DG MARE FIDES helpdesk, the examples given for the title for an issue should be read "BEL:PROD:ISR: Error Message XYZ" and for the unique identifier, "20150216-01 BEL:PROD:ISR: Error Message XYZ".

7. DATA MODEL IMPLEMENTATION

The implementation of the ISR Data Model should follow the following general constraints at the level of XSD Element attributes:

1. For Code & Identifier DataType: listID or schemeID attribute must be provided respectively if it is not specifically defined in the definition of the element.
2. For DateTime DataType: only xs:datetime choice is used and 'Z' character defining UTC time zone must be set; If only the Date is available or required, use "00:00:00Z" as time.
3. Measure DataType: the Unit.Code attribute shall be provided when not explained in the definition (the values of Unit.Code are defined in the FLUX_UNIT code list).
4. Indicator DataType: The value to check ValueIndicator against is not True/False but the values that are in the MDR code list BOOLEAN_TYPE (namely "Y"/YES and "N"/NO). Indeed, UN/CEFACT mandates that the correct structure for an Indicator is:

```
<ram:ValueIndicator>
  <udt:IndicatorString>[String Boolean value]</udt:IndicatorString>
</ram:ValueIndicator>
```

In the case of the code list BOOLEAN_TYPE, the possible values are Y and N.

This is a UN/CEFACT wide convention and is not further detailed in the other FLUX Implementation Documents.

5. Text DataType: when an element is defined as Text, such as Purpose.Text or Value (text) it means the element contains text (in the same way that ValueCode refers to the Value of an element containing a Code.) This is similar to the other FLUX or UN/CEFACT domains and is a general XML convention. In the XML schema, the Text DataType is implied (so it will appear as Purpose or Value in the Schema whereas a Code will appear as PurposeCode or ValueCode.)

Only the entities and/or attributes listed in the Implementation Document must be considered by the receiving party.

7.1. FLUX IS Report Message

This type of message is used to submit, replace or delete an IS Report; or to receive a response to a query. An IS Report Message contains zero or more IS Reports:

- Zero IS Report in case of a deletion.
- One and only one IS Report in case of an original submission or a replacement.
- Zero or more IS Reports in case of a response to a query.

The tables below detail the entities that are common to several FLUX domains and that are used in several places throughout the ISR data model. Section 7.1.20 details the entities specific to each of the 6 modules.

Notes:

- In the tables, entities of type "Association" are showed with a light grey background and are described in separate tables.
- In the tables, only entities relevant to the ISR domain are included (e.g.: ContactParty as defined in the UN/CEFACT reusable business entities includes the entity URI Email_ Communication which is not used in the ISR context).
- In the tables, the Cardinality min/max are indicated relative to their use in the ISR domain, which can be more restrictive than in other domains (e.g.: one ContactParty can have 0..n Contact_ Person according to the XSD, but ISR uses only 0..1). Note that the cardinalities indicated can be further restricted in specific cases by dedicated business rules.

7.1.1. FLUX IS Report Message entity

Description: A message providing ISR document information. A FLUX IS Report Message includes one FLUX Report Document. Depending on the type of IS Report Message, it may contain zero IS Report (deletion message), one IS Report (original reporting or correction) or more than one IS Reports (response to query).

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
FLUX Report Document	Association	1	1	The document details for this FLUX IS Report message.	
IS_Report	Association	0	n	The Inspection or Surveillance Report	No IS Report for a deletion. Multiple IS Reports possible when resulting from a query Only one IS Report for an original submission or correction/replacement.

The class diagram (Figure 8) presents the main entities of a Flux IS Report Message and their relationships. Entities **in red** are specific to ISR, while those in black come from other domains.

7.1.2. FLUX Report_Document

Description: A document that provides information for an IS Report.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	Max		
ID	Identifier	1	1	The Unique Identifier of the FLUX IS Report message (if at the level of a FLUX ISR Message). Or The Global Unique Identifier of the FLUX Inspection and Surveillance Report (if at the level of an IS_Report). A Version 4 UUID as defined in the RFC 4122.	Cf. http://www.guidgenerator.com to generate example of a valid identifier. Once the message is created, the data contained in the message remains associated with this identifier. Cf. http://www.guidgenerator.com to generate example of a valid identifier. Once the message is created, the data contained in the message remains associated with this identifier. SchemeID="UUID" +Value (a Version 4 UUID as defined in the RFC 4122)
Referenced Identification	Identifier	0	1	The identifier of a referenced FLUX ISR Message or FLUX IS Report.	schemeID="UUID" +Value A Version 4 UUID as defined in the RFC 4122. For a correction/replacement or a deletion of an IS report: used to indicate the reference of the report document to correct or delete. For a report resulting from a query: used to indicate the reference of the query message. Compulsory if the Report is a correction/replacement, a deletion or a response to a query.
Creation	DateTime	1	1	The date time UTC value, according to ISO 8601 format, of the creation of this Report Document. A UTC date time according to ISO 8601 format	e.g. 2008-10-31T15:07:38Z (milliseconds can be provided optionally).
PurposeCode	Code	1	1	The code specifying the purpose of this Report Document.	listID="FLUX_GP_PURPOSE" Use 9 to send original data for the first time. Use 5 in case this message is for a correction/replacement of a previously (accepted) report. Use 3 in case this message is for a deletion of a previously (accepted) report.
Purpose	Text	0	1	The purpose, expressed as text, of this Report Document.	Optional free text that can be used for communicating the reason why the report is sent.
FLUX Party	Association	1	1	The party owning this FLUX Report Document.	Creator of the message.

7.1.3. IS_Event (Inspection or Surveillance Event)

Description: A wrapper containing information about the timing of the various events occurring during an Inspection/Sighting.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The type of inspection event,	listID="ISR_EVENT_TYPE" e.g.: Presence on board, Inspection
Occurrence	DateTime	0	1	The date time UTC value, according to ISO 8601 format, at which the event occurred. A UTC date time according to ISO 8601 format	e.g. 2008-10-31T15:07:38Z (milliseconds can be provided optionally).
Delimited_Period	Association	0	1	The time period during which the event occurred	
IS_Event	Association	0	n	Any subordinate IS_Event occurring during the main IS_Event	

7.1.4. Delimited_Period

Description: A period of time delimited by a start and an end.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Start	DateTime	0	1	Start date of the delimited period	A UTC date time according to ISO 8601 specifications using the following format YYYY-MM-DDThh:mm:ssZ; e.g. 2008-10-31T15:07:38Z (milliseconds may be provided optionally). When used in a prior notification of arrival, the date is mandatory and the time may be set to zero.
End	DateTime	0	1	End date of the delimited period	A UTC date time according to ISO 8601 specifications using the following format YYYY-MM-DDThh:mm:ssZ; e.g. 2008-10-31T15:07:38Z (milliseconds may be provided optionally).

7.1.5. FLUX_Party

Description: Identification of the party sending the report.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Identification	Identifier	1	1	The identifier of the FLUX party, creating and sending the message.	schemeID="ISR_GP_PARTY" +Value
Name	Text	0	1	The name of the FLUX party creating the message	Free text giving more details on the Party. e.g. Control Party reporting the data (i.e. name of the country or other party).

7.1.6. ContactParty Entity

Description: A contact, be it a company, institution or physical person.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Role	Code	0	1	A code specifying the role of this contact party	listID="FLUX_CONTACT_ROLE" +Value

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
					(e.g.: Inspector in charge, Inspected Market or Premises)
ID	Identifier	0	1	The identification number for the Contact party	
Name	Text	0	1	The name of the Contact Party	To be used for reporting the name of a legal entity such as a company.
Nationality_Country	Identifier	0	1	The nationality/country of the Contact Party	schemeID="TERRITORY" +value
Structured_Address	Assoc	0	1	The address of the Contact Party	
Contact_Person	Association	0	1	A specified person for this contact party.	

7.1.7. Structured_Address Entity

Description: Entity providing information of the location, using a structured address format, at which a particular organization or person may be found or reached.

This entity can be used for a market place or premises when there is no location code available, or for contact persons.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Block Name	Text	0	1	The block name, expressed as text, for an area surrounded by streets for this structured address.	
Building Name	Text	0	1	The name, expressed as text, of a building, a house or other structure on a street in the structured address.	
City Name	Text	0	1	The name, expressed as text, of the city, town or village in the structured address.	
City Sub-Division Name	Text	0	1	The name, expressed as text, of a sub-division of a city, town or village in the structured address.	
Country	Identifier	0	1	The unique identifier of a country in the structured address (Reference ISO 3166 and UN/ECE Rec 3).	schemeID="TERRITORY" +Value
Country Name	Text	0	1	The name, expressed as text, of the country in the structured address.	
Country Sub-Division Name	Text	0	1	The name, expressed as text, of the sub-division of a country in the structured address.	
Plot Identification	Text	0	1	The identification, expressed as text, of the plot for this structured address.	This is used for the building number
Post Office Box	Text	0	1	The unique identifier, expressed as text, of a container commonly referred to as a box, in a post office or other postal service location, where postal items may be kept for this structured address.	
Postal Area	Text	0	1	The text specifying the postcode in the structured address. Optional for addresses in Ireland.	
Street Name	Text	0	1	The name, expressed as text, of a street or thoroughfare in the structured address.	

7.1.8. Contact_Person Entity

Description: The details of a contact person.

The Given Name and Family Name must be provided.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
GivenName	Text	1	1		
Middle Name	Text	0	1		
FamilyName Prefix	Text	0	1		
FamilyName	Text	1	1		
NameSuffix	Text	0	1		

7.1.9. ISRItemCharacteristic Entity

Description: A specific characteristic that is checked/verified during an inspection or surveillance.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The code specifying the type of characteristic	listID="ISR_ITEM_CHARACTERISTIC" +value (e.g.: INSPECTOR_IN_CHARGE_SIGNATURE; MINIMUM_CONSERVATION_REFERENCE_SIZE_CHECKED)
Check_Inspection	Code	0	1	Whether that characteristic has been checked during the inspection/surveillance	listID="ISR_CHECK" +value (Yes, No, Not applicable) e.g.: IS_Report / ISRItemCharacteristic / TypeCode="PURPOSE_OF_PRIOR_NOTIFICATION" +ValueCode
Value	Indicator	0	1	Indicates the result of a check: positive (Y) or negative (N)	There is no listID for ValueIndicator. The code list used for validation of the value of the ValueIndicator is "BOOLEAN_TYPE"ISRItemCharacteristic
Value	Code	0	1	The value of the characteristic, expressed as a code	listID indicated in the definition of the relevant data element
Value	Measure	0	1	The value of the characteristic, expressed as a measure	
Value	Quantity	0	1	The value of the characteristic, expressed as a number	e.g.: IS_Report / ISRItemCharacteristic / TypeCode="NUMBER_OF_PAPER_FISHING_LOG SHEET" +Value. Quantity
Value	Text	0	1	The value of the characteristic, expressed as text	e.g.: IS_Report / ISRItemCharacteristic / TypeCode="ENGINE_PROP_POWER_CHECK" +Value (text)
Value	DateTime	0	1	The value of the characteristic, expressed as a DateTime	e.g.: IS_Report / ISRItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" /Value .DateTime
FLUX_Location	Association	0	1	A location related to this characteristic	e.g.: IS_Report / ISRItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" / FLUX_Location +TypeCode ="LOCATION" +ID

7.1.10. FLUX_Location entity

Description: Entity providing information of a physical location or place such as a port, positions, address or a region at sea.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The code specifying the type of FLUX_Location.	ListID="FLUX_LOCATION_TYPE" Use POSITION to report catches or inspection at a certain geographical location (fisheries under ICCAT or GFCM rules). Use AREA to report catches or inspection per relevant geographical area. Areas must be provided at the most detailed level available (EU 404/2011 Annex X, as amended by EU (No) 1962/2015). Use LOCATION if the location of the activity is a port or other location defined in MDR (e.g. Market)
Country	Identifier	0	1	The identifier of a country for this FLUX_Location.	schemeID="TERRITORY" Optional Reference ISO 3166 and UN/ECE Rec 3.
Identification	Identifier	0	1	The identifier for this FLUX_location.	Identification schemeID must be in ISR_AREA_TYPE. The value of the schemeID indicates the type of location identifier used. For example: "FAO_AREA" for a code from the FAO Fishing Areas code List "STAT_RECTANGLE" for a code from the ICES rectangles code list "TERRITORY" for third countries etc.
Specified_Physical FLUX_Geographical Coordinate	Assoc.	0	1	Geographical coordinate information for this FLUX_Location.	Mandatory when FLUX_LOCATION_TYPE = "POSITION"
Physical Structured_Address	Assoc.	0	1	Structured postal address information for this FLUX_Location.	Mandatory when FLUX_LOCATION_TYPE="ADDRESS"

7.1.11. ISRItemCharacteristic Entity for Observations and comments

Description: Observations and comments consigned by the Inspectors, the Vessel Master, the Operator, etc. on the Inspection Report.

Note: this is a special case of use of the ISRItemCharacteristic Entity and is used similarly in all modules, which is why it is described separately here.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The code specifying the type of characteristic	TypeCode="OBSERVATION_AND_COMMENTS"
Value	Code	0	1	The type of observation or comment	listID="ISR_OBSERV_COMMENTS_TYPE" +value e.g.: GEAR_INSPECTION_OBSERVATIONS, INSPECTOR_COMMENTS, MASTER_COMMENTS, OPERATOR_COMMENTS
Value	Text	0	1	The actual observation/comment	

7.1.12. Vessel_Transport Means Entity

Description: Entity containing the identification and characteristic information of a ship or boat.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Identification	Identifier	0	n	An identifier for this transport means vessel, such as an identifier defined by the International Maritime Organization (IMO), the radio call sign, or an external marking.	
Name	Text	0	1	A name, expressed as text, of this transport means vessel.	
Registration Country	Vessel_Country	0	1	The country ("flag") where the vessel is registered	If the vessel has no flag or has more than one flag, then use the "N/A" value.
Role	Code	0	1	The code specifying the role of this vessel transport means.	
FLUX_Location	Association	0	n	A Fisheries Language Universal eXchange (FLUX) location specified for this vessel transport means.	
Vessel Position_Event	Association	0	n	A position event specified for this vessel transport means.	
Vessel Registration_Event	Association	0	1	A registration event specified for this vessel transport means.	
Vessel Technical_Characteristic	Association	0	n	A technical characteristic Applicable. to this transport means vessel.	
Fishing_Gear	Association	0	n	Fishing gear which is on board this transport means vessel.	
FA_Catch	Association	0	n	A Fishing Activity (FA) catch specified for this vessel transport means.	

7.1.13. Fishing_Gear entity

Description: Entity used to provide information on a fishing gear.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The code specifying the type of gear	listID="GEAR_TYPE"
Gear Inspection_Event	Association	0	1	Information on the inspection of the gear	
Fishing Gear_Equipment	Association	0	n	Equipment attached ("attachments") to this fishing gear	The possible equipment depends on the type of gear

7.1.14. Gear Inspection_Event entity

Description: Information related to the inspection of fishing gear onboard the inspected vessel.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Occurrence	DateTime	0	1	The date/time of the gear inspection event	
Description	Text	0	1	A textual description of this gear inspection event	
Gear_Characteristic	Association	1	n	The characteristic that was checked for the inspected gear	The characteristics to be checked depend on the type of gear (see section 7.1.15)

The gear characteristics that can be provided when reporting on the inspection of each gear type are described in Code list ISR_GEAR_GEAR_CHARACTER.

7.1.15. Gear_Characteristic entity

Description: Specific characteristics of the inspected gear (or gear equipment), as checked by the inspector.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The code specifying the gear characteristic	If the characteristic refers to a gear, code must be in listID="FA_GEAR_CHARACTERISTIC" If the characteristic refers to a gear equipment/attachment, there is no standard code list.
Value	Measure	0	1	The measure of the value for this GEAR characteristic.	The unit of the measure shall be specified using the Unit.Code attribute. Values for Unit.Code are defined in the code list FLUX_UNIT.
Value	DateTime	0	1	The value, expressed as a date, time, date time, or other date time value, of this GEAR characteristic.	A UTC date time according to ISO 8601 specifications using the following format YYYY-MM-DDThh:mm:ssZ; e.g. 2008-10-31T15:07:38Z (milliseconds may be provided optionally).
Value	Indicator	0	1	The value, expressed as an indicator, for this GEAR characteristic.	
Value	Code	0	1	The code specifying a value of this GEAR characteristic.	If TypeCode="TT" (Twine Type), then ValueCode is a value from ISR_TWINE_TYPE If TypeCode="MS" (Mesh Type), then ValueCode is a value from ISR_MESH_TYPE
Value	Text	0	1	A value, expressed as text, of this GEAR characteristic.	
Value	Quantity	0	1	The value, expressed as a quantity, for this GEAR characteristic.	

7.1.16. Fishing Gear_ Equipment entity

Description: Entity used to provide information on a fishing gear equipment.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The code specifying the type of gear equipment	listID="FA_DEVICE_GEAR_ATTACHMENT"
Gear Equipment Inspection_ Event	Association	0	n	Specific characteristics of the gear or gear deployment	The characteristics to be checked depend on the type of gear.

7.1.17. Gear Equipment Inspection_ Event entity

Description: Information related to the inspection of a particular equipment attached to a gear.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Applicable. Gear_ Characteristic	Association	0	n	The characteristic that was checked for the inspected gear equipment	The characteristics to be checked depend on the type of gear equipment. There is no standard code list.

7.1.18. Vehicle_ Transport Means Entity

Description: Entity used to provide information of the identification and registration of a vehicle, such as a car, truck, lorry, train.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
ID	Identifier	1	1	The main identifier of this vehicle transport mean (e.g.: car or truck license plate number).	schemeID in FLUX_VEHICLE_ID_TYPE
Registration Country_ ID	Identifier	1	1	The identifier of the country of registration for this vehicle transport means.	

Name	Text	0	1	The name, expressed as text, of this vehicle transport means.	
Type	Code	1	1	The code specifying a type of vehicle transport means.	listID="VEHICLE_TYPE" or "ISR_SURVEILLANCE_CRAFT_TYPE"
Role	Code	0	1	The role of this vehicle transport means (e.g.: inspected vehicle, surveillance vehicle...)	listID="ISR_VEHICLE_ROLE"
TransportEquipmentID	Identifier	0	n	The identifier of any "trailer" attached to the vehicle (trailer for a truck, wagons for a train).	schemeID in FLUX_VEHICLE_ID_TYPE
Owner	ContactParty	0	n	The Contact party owning this vehicle transport means.	
Driver	ContactParty	0	1	The Contact party driving this vehicle transport means.	

7.1.19. ISR Infringement Suspicion

Description: Suspected infringements observed.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	0	n	The code(s) specifying the type of suspected infringement	listID in ISR_INFRINGEMENT_CLASSIF +value in listID
Legal_ Reference	Text	0	1	Reference of the legal text relevant to the suspected infringement	
Observation	Text	0	1	Description of the suspected infringement	
Serious Violation	Indicator	0	1	Whether the suspected infringement might be a serious violation, as assessed by the inspectors	Refers to the EU list of Serious Infringements.

7.1.20. Geographical_ Coordinate

Description: Entity providing information of the latitude and longitude of a specified place, by which a location relative situation on the globe is known.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Longitude	Measure	1	1	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this FLUX_Location geographical coordinate	Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 1 decimal position. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.
Latitude	Measure	1	1	The measure of the latitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this FLUX_Location geographical coordinate.	Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 1 decimal position. Positive coordinate refers to North of equator. Negative coordinate refers to South.

7.1.21. Vessel Technical_ Characteristic

Description: Entity used to provide technical information on an aspect related to a particular vessel.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The code specifying a type of technical characteristic.	TypeCode in listID="ISR_VESSEL_TECH_CHARACTER"

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Value	Text	0	1	The value of the technical characteristic, expressed as text	
Value	Measure	0	1	The value of the technical characteristic, expressed as a measure	
Value	Quantity	0	1	The value of the technical characteristic, expressed as a quantity	
Value	Code	0	1	The value of the technical characteristic, expressed as a code	The listID for ValueCode is indicated in the description of the relevant vessel technical characteristic

7.1.22. Specified. Registration_ Event

Description: A registration event specified for this vessel transport means.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Related. Registration_ Location	Association	0	1	The location related to a registration event	For a vessel, used to indicate the Port of registry

7.1.23. Related. Registration_ Location

Description: A registration event specified for this vessel transport means.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The code specifying the type of Registration_ Location.	ListID="FLUX_LOCATION_TYPE" Use POSITION to report catches or inspection at a certain geographical location (fisheries under ICCAT or GFCM rules). Use AREA to report catches or inspection per relevant geographical area. Areas must be provided at the most detailed level available (EU 404/2011 Annex X, as amended by EU (No) 1962/2015). Use LOCATION if the location of the activity is a port or other location defined in MDR (e.g. Market)
ID	Identifier	0	1	The identifier for this Registration_ location.	Identification schemeID must be in ISR_AREA_TYPE. The value of the schemeID indicates the type of location identifier used. For example: "FAO_AREA" for a code from the FAO Fishing Areas code List "STAT_RECTANGLE" for a code from the ICES rectangles code list "TERRITORY" for third countries etc.
Name	Text	0	1	The name of this Registration_ location	Free text if the location does not have an identifier

7.1.24. Specified. FA_ Catch and Related. FA_ Catch

Note: in the rest of the document, for brevity's sake, we use FA_ Catch instead of:

- Specified. FA_Catch in Modules 1, 2, 3.
- Related. FA_Catch in Modules 4, 5.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The code specifying a type for this FA catch, such as retained on board.	<i>listID</i> =ISR_CATCH_TYPE
Species	Code	1	1	The code specifying the species of this FA catch, such as the Food and Agriculture Organization (FAO) code.	Species code, as defined in FAO, for reported catch. <i>listID</i> =FAO_SPECIES
Unit	Quantity	0	1	The quantity of fish, according to the unit used to declare catches.	Number of individuals.
Weight	Measure	0	1	The measure of the live weight of the reported catch.	The Unit.Code attribute shall be provided when not explained in the definition (the values of Unit.Code are defined in the FLUX_UNIT code list).
SpecifiedFLUX_Location	Assoc.	0	*	A FLUX_Location specified for this FA catch.	The location or area where the catch was taken. The type of location used for FA_Catch in ISR is AREA.
SpecifiedSize_Distribution	Assoc.	0	1	The size distribution specified for this FA catch.	
AppliedAAP_Process	Assoc.	0	*	An Aquatic Animal and Plants (AAP) process applied to this FA catch.	The processing applied to the catch. In ISR, PRESENTATION and PRESERVATION are used

7.1.25. IS_Report entity

Description: Entity containing information about an IS Report.

The ISR domain is divided in 6 types of reports ("modules") pertaining to 6 types of inspection and surveillance activities: inspection of a fishing vessel at sea, during transshipment, in port, of a transport, of market/premises and surveillance/sighting. Each type of report contains a large number of data items, some that are common to all types and other that are specific to a given type.

To make implementation easier, the data items in each module are presented using the same structure as the relevant IS Report. The data items of the IS_Report are described in the following sections (1 by module). Data items have been grouped in 10 business related topics:

1. General reference data
2. Inspection means
3. Pre-inspection
4. Inspection target
5. Documents and certification
6. Gear
7. Catch/product
8. Observations & comments
9. Suspected infringements
10. Inspection closure

The following sections will describe, for each ISR type, the data content of each of these topics. The tables included below should be read as follows:

- *Section*: the topical section to which the data element belongs (e.g.: Inspection means)
- *Business term*: the name of the data element (e.g.: Patrol vessel)

- *Entity mapping*: the FLUX ISR entity the element has been mapped to (e.g.: Vessel_ Transport means). Note: in a mapping, the use of "/" indicates that the element after is a child of the element before, while the use of "+" means the element after is a sibling of the element before.

Example: Specified. FA_ Catch / TypeCode="ONBOARD" +rdSpeciesCode translates in XML to:

```
<ram:SpecifiedFACatch>
  <ram:TypeCode>ONBOARD</ram:TypeCode>
  <ram:SpeciesCode>
```

- *Data Type*: the type of data (e.g.: code)
- *Description*: a description or definition of the data element
- *Remarks*: comment or remark relevant to the data element; also used to indicate the listID or schemeID to be used
- *404/2011 Reference*: a reference to that data element in the 404/2011 Implementing Rules Control Regulation (Annexes XXIII and XXVII) (e.g.: "M1 - 3. INSPECTION VESSEL" refers to Module 1 (Inspection at sea), item 3). The version used for this implementation document is the one amended in 2015.
- *Cardinality*: 1=single, mandatory; 0..1=single, optional; 0..n =multiple, optional, 1..n=mandatory, at least one. Note: at the exception of elements indicated as mandatory (1), which means the absence of one such element triggers the rejection of the submission, the mandatory/optional status of each element as per the Regulation is actually defined and enforced through business rules (see Section 8), following the general FLUX principles.

7.1.25.1. Inspection at sea (Module 1)

1 GENERAL REFERENCE DATA

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTION REPORT REFERENCE (HUMAN READABLE)	IS_Report / ID schemeID=EU_ISR_ID	Identifier	The business human readable identifier of this ISR document. Starting with the ISO-3 code of the country defining and delivering the identifier, followed by a hyphen, followed by ISR, followed by a hyphen, followed by country specific unique ID of at most 20 alphanumeric characters. [ISO-3 country code]"-ISR-"[country specific unique ID]	schemeID="EU_ISR_ID" +Value	M1 - 1. INSPECTION REPORT REFERENCE	1
INSPECTION REPORT REFERENCE (UUID)	IS_Report / IncludedFLUX Report_Document/ID	Association	The document details for this FLUX IS report.	Common entity shared by all FLUX domain reports. See data elements and attributes in Section 7.1.2.		1
REPORT DATE	IS_Report / Reference.DateTime	Date/Time	The reference date for this IS Report.	Defined by the Report producer (could be start or end of the inspection/sighting)		1
REPORT TYPE	IS_Report / TypeCode	Code	The type of ISR report: inspection at sea, in port, surveillance, etc.	listID="ISR_REPORT_TYPE" +Code		1
REPORT CONTEXT	IS_Report / ContextTypeCode	Code	A code specifying a context type for this IS report, i.e. legal framework under which the inspection is performed	listID="ISR_REPORT_CONTEXT" +Code		1..n
INSPECTION PROGRAMME	IS_Report / ISRItemCharacteristic / TypeCode= "INSPECTION_PROGRAMME" +ValueCode	Code	A code specifying the Inspection programme the inspection is part of.	Value of TypeCode in listID="ISR_ITEM_CHARACTERISTIC" ValueCode in listID="ISR_INSPECTION_PROGRAMME"		0..1
CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" +ID	Code Identifier	The Control party (Member State, EFCA...) producing the IS report, i.e. the CP in charge of the IS.	listID="FLUX_CONTACT_ROLE" +value="CONTROL_PARTY" schemeID="ISR_CONTROL_PARTY" +value	M1 - 2. MEMBER STATE	1
CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode= "CONTROL_AUTHORITY" +Name	Text	The name of the Control Authority conducting the inspection.	Freely provided by the report producer	M1 - 2. INSPECTION AUTHORITY	0..1
DATE ARRIVED ON BOARD	IS_Report / IS_Event / TypeCode= "INSPECTION" +Subordinate IS_Event / TypeCode= "PRESENCE_ON_BOARD" +OccurrenceDelimitedPeriod / Start.DateTime	Code Date/Time	The date and time of arrival of the Inspection party on board the inspected vessel. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="PRESENCE_ON_BOARD" e.g. 2008-10-31T15:07:38Z		0..1
TIME ARRIVED ON BOARD						0..1
DATE OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode= "INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	Code Date/Time	The date and time of the start of the inspection of the inspected vessel. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="INSPECTION" e.g. 2008-10-31T15:07:38Z	M1 - 5. DATE OF THE INSPECTION (START)	1
TIME OF THE INSPECTION - START					M1 - 6. TIME OF THE INSPECTION (START)	1
DATE OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode= "INSPECTION" +OccurrenceDelimitedPeriod / End.DateTime	Code Date/Time	The date and time of the end of the inspection of the inspected vessel. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="INSPECTION" e.g. 2008-10-31T15:07:38Z	M1 - 7. DATE OF THE INSPECTION (FINISH)	0..1
TIME OF THE INSPECTION - FINISH					M1 - 8. TIME OF THE INSPECTION (FINISH)	0..1
DATE OF DEPARTURE FROM VESSEL	IS_Report / IS_Event / TypeCode= "INSPECTION" +Subordinate IS_Event / TypeCode= "PRESENCE_ON_BOARD" +OccurrenceDelimitedPeriod / End.DateTime	Code Date/Time	The date and time of leaving of the Inspection party from the inspected vessel. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="PRESENCE_ON_BOARD" e.g. 2008-10-31T15:07:38Z		0..1
TIME OF DEPARTURE FROM VESSEL						0..1

2 INSPECTION MEANS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
PATROL VESSEL	IS_Report / Vessel_Transport Means / RoleCode="PATROL_VESSEL"	Association Code	Details about the Patrol vessel from which the inspection is performed.	listID="ISR_VESSEL_ROLE" +value="PATROL_VESSEL"	M1 - 3. INSPECTION VESSEL	1
FLAG	IS_Report / Vessel_Transport Means / Registration Vessel_Country / ID	Identifier	The Flag State of registration of the Patrol vessel	schemeID="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.	M1 - 3. FLAG	1
NAME	IS_Report / Vessel_Transport Means / Name	Text	Name of the vessel as in the national register		M1 - 3. NAME	0..1
EXTERNAL REGISTRATION NUMBER/PENNANT NUMBER	IS_Report / Vessel_Transport Means / ID / SchemeID="EXT_MARK"	Identifier	External identification or Pennant number of the vessel	at least one of 2.1.3, 2.1.4, 2.1.5 SchemeID ="EXT_MARK" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M1 - 3. EXTERNAL REGISTRATION NUMBER	0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / Vessel_Transport Means / ID / SchemeID="IRCS"	Identifier	International Radio Call Sign of the vessel	at least one of 2.1.3, 2.1.4, 2.1.5 SchemeID ="IRCS" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M1 - 4. INTERNATIONAL RADIO CALL SIGN	0..1
IMO NUMBER	IS_Report / Vessel_Transport Means / ID / SchemeID="UVI"	Identifier	International Maritime Organisation number of the vessel, if any	at least one of 2.1.3, 2.1.4, 2.1.5 SchemeID ="UVI" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
PATROL VESSEL POSITION EVENT	IS_Report / Vessel_Transport Means / Vessel_Position event	Association	Information about the patrol vessel's location at the start of the inspection	Must include an empty TypeCode child element for the XML to validate against the XSD, though it is not used in ISR.	M1 - 9. POSITION OF THE INSPECTION VESSEL	0..1
LATITUDE	IS_Report / Vessel_Transport Means / Vessel_Position_Event / Specified. Vessel_Geographical Coordinate / Latitude	Measure	The measure of the latitude as an angular distance north or south from the Equator meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to North of equator. Negative coordinate refers to South.	M1 - 9. LATITUDE	1
LONGITUDE	IS_Report / Vessel_Transport Means /Vessel_Position_Event / Specified. Vessel_Geographical Coordinate / Longitude	Measure	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.	M1 - 9. LONGITUDE	1
DATE OF THE POSITION TIME OF THE POSITION	IS_Report / Vessel_Transport Means / Vessel_Position_Event / ObtainedOccurrenceDateTime	DateTime	The date and time when the position of the vessel was taken by the vessel's navigation equipment.	The Must be a valid UTC date time according to ISO 8601 format when the position was obtained by the vessel navigation equipment, transmitted by the VMS system on-board of the vessel. e.g. 2008-10- 31T15:07:38Z (milliseconds can be provided optionally). Note: should be the same DateTime value as that of the Start of the Inspection (Element 1.8)		1 1
LOCATION OF THE PATROL VESSEL	IS_Report / Vessel_Transport Means/ FLUX_Location /TypeCode= "AREA" /ID	Code Identifier	The fishing, statistical or management area the patrol vessel is in at the start of the inspection (with as much precision as possible)	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M1 - 10. LOCATION OF THE INSPECTION	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
					VESSEL (DETAILED FISHING AREA)	
INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE"	Association Code	Details about the inspector in charge of the inspection	listID="FLUX_CONTACT_ROLE" +value="INSPECTOR_IN_CHARGE"		0..1
NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the Inspector in charge	Given Name and Family name are mandatory	M1 - 11. INSPECTOR IN CHARGE	0..1
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_Report / ContactParty / Nationality_Country	Identifier	The country of nationality of the Inspector in charge	schemeID="TERRITORY" +value (Country ISO3 CODE)	M1 - 12. NATIONALITY	0..1
SERVICE CARD PRESENTED	IS_Report / ISRIItemCharacteristic / TypeCode="INSPECT_CARD_PRESENTED" +ValueIndicator / IndicatorString	Indicator	Whether or not the Inspector in charge has presented his/her service card to the Inspected Vessel's master	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 29. IDENTIFICATION FOR INSPECTORS	0..1
SECOND INSPECTOR	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR"	Association Code	Details about the second inspector present for the inspection	listID="FLUX_CONTACT_ROLE" +value="SECOND_INSPECTOR"		0..1
NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the second Inspector	Given Name and Family name are mandatory	M1 - 13. INSPECTOR 2	0..1
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_report / ContactParty / Nationality_Country	Identifier	The country of nationality of the second Inspector	schemeID="TERRITORY" +value (Country ISO3 CODE)	M1 - 14. NATIONALITY	0..1
SERVICE CARD PRESENTED	IS_Report / ISRIItemCharacteristic / TypeCode="SECOND_INSPECT_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the second inspector has presented his/her service card to the Inspected Vessel's master	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 29. IDENTIFICATION FOR INSPECTORS	0..1
OTHER INSPECTOR	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR"	Association Code	Details about the other inspectors present for the inspection	listID="FLUX_CONTACT_ROLE" +value="OTHER_INSPECTOR"		0..n
NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty /	Text Text Text Text	The given name and family name of the other Inspector	Given Name and Family name are mandatory	M1 - 13. INSPECTOR 2	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix					
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_report / ContactParty / Nationality_ Country	Identifier	The country of nationality of the other Inspector	schemeID="TERRITORY" +value (Country ISO3 CODE)	M1 - 14. NATIONALITY	0..1
OTHER INSPECTORS SERVICE CARD PRESENTED	IS_Report / ISRIItemCharacteristic / TypeCode= "OTHER_INSPECT_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the other inspectors have ALL presented their service card to the Inspected Vessel's master	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" Note: value is Yes if all cards have been presented, No if at least one hasn't	M1 - 29. IDENTIFICATION FOR INSPECTORS	0..1

3 PRE-INSPECTION

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
RADIO CALL PRE- BOARDING	IS_Report / ISRIItemCharacteristic / TypeCode= "RADIO_CALL_PRE- BOARDING" +ValueIndicator / IndicatorString	Indicator	Whether or not a radio call with the inspected vessel has taken place before boarding	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 26. RADIO CALL PRE BOARDING	0..1
VESSEL FISHING LOGBOOK COMPLETED BEFORE INSPECTION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "LOGBOOK_BEFORE_INSPECT_CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the fishing logbook completion before the inspection was checked (Yes, No, N/A). If yes, whether it was completed before the inspection (Yes, No). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 27. FISHING LOG- BOOK COMPLETED BEFORE INSPECTION	0..1
BOARDING LADDER CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "BOARDING_LADDER_CHECKED" +CheckInspectionCode	Code	Whether the boarding ladder was checked before boarding. Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M1 - 28. BOARDING LADDER	0..1

4 INSPECTED VESSEL

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTED VESSEL	IS_report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL"	Association Code	Details about the Inspected vessel	listID="ISR_VESSEL_ROLE" +value="INSPECTED_VESSEL"	M1 - 15. TARGET FISHING VESSEL DETAILS	1
NAME	IS_Report / Vessel_ Transport Means / Name	Text	Name of the vessel as in the national register		M1 - 15. NAME	1
FLAG	IS_Report / Vessel_ Transport Means / Registration Vessel_ Country / ID	Identifier	The Flag State of registration of the inspected vessel	schemeID="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.	M1 - 15. FLAG	1
VESSEL TYPE	IS_Report / Vessel_ Transport Means / TypeCode	Code	The type of vessel (such as stern trawler, longliner, support...) using the FAO International Standard Statistical Classification of Fishery Vessels (ISSCFV)	listID="VESSEL_TYPE"	M1 - 17. TYPE OF THE VESSEL	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
EXTERNAL REGISTRATION NUMBER	IS_Report / Vessel_Transport Means / ID / SchemeID="EXT_MARK"	Identifier	External identification number of the vessel	SchemeID ="EXT_MARK" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M1 - 15. EXTERNAL REGISTRATION NUMBER	0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / Vessel_Transport Means / ID / SchemeID="IRCS"	Identifier	International Radio Call Sign of the vessel	SchemeID ="IRCS" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M1 - 19. INTERNATIONAL RADIO CALL SIGN	0..1
IMO NUMBER	IS_Report / Vessel_Transport Means / ID / SchemeID="UVI"	Identifier	International Maritime Organisation number of the vessel, if any	SchemeID ="UVI" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M1 - 20. INTERNATIONAL MARITIME ORGANISATION NUMBER	0..1
COMMUNITY FLEET REGISTER NUMBER	IS_Report / Vessel_Transport Means / ID / schemeID="CFR"	Identifier	Community Fleet Register Number, if the vessel is an EU vessel	SchemeID ="CFR" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M1 - 21. COMMUNITY FLEET REGISTER NUMBER	0..1
INSPECTED VESSEL POSITION EVENT	IS_Report / Vessel_Transport Means / Vessel Position_Event	Association	Information about the inspected vessel's location at the start of the inspection	Should only be indicated if different from the Inspection vessel's position	M1 - 16. POSITION AND LOCATION OF THE VESSEL IF DIFFERENT FROM THE INSPECTION VESSEL	0..1
LATITUDE	IS_Report / Vessel_Transport Means / Vessel Position_Event / Specified. Vessel_Geographical Coordinate / Latitude	Measure	The measure of the latitude as an angular distance north or south from the Equator meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to North of equator. Negative coordinate refers to South.	M1 - 16. LATITUDE	1
LONGITUDE	IS_Report / Vessel_Transport Means / Vessel Position_Event / Specified. Vessel_Geographical Coordinate / Longitude	Measure	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.	M1 - 16. LONGITUDE	1
DATE OF THE POSITION TIME OF THE POSITION	IS_Report / Vessel_Transport Means / Vessel Position_Event / ObtainedOccurrenceDateTime	DateTime	The date and time when the position of the vessel was taken by the vessel's navigation equipment.	The Must be a valid UTC date time according to ISO 8601 format when the position was obtained by the vessel navigation equipment, transmitted by the VMS system on-board of the vessel. e.g. 2008-10- 31T15:07:38Z (milliseconds can be provided optionally). Note: should be the same DateTime value as that of the Start of the Inspection (Element 1.8)		1
LOCATION OF THE INSPECTED VESSEL	IS_Report / Vessel_Transport Means / FLUX_Location /TypeCode= "AREA" +ID	Code Identifier	The fishing, statistical or management area the inspected vessel was is in at the start of the inspection	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M1 - 16. LOCATION OF THE INSPECTION VESSEL (DETAILED FISHING AREA)	0..1
ACTIVITY	IS_Report / ISRItemCharacteristic / TypeCode= "VESSEL_ACTIVITY" +ValueCode	Code	The activity the inspected vessel was engaged in before the inspection started	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueCode must be in listID="VESSEL_ACTIVITY"		0..1
VMS OPERATIONAL CHECK	IS_Report / ISRItemCharacteristic / TypeCode= "VMS_OPERATIONAL"	Code Indicator Text	Whether the operational status of the VMS was checked (Yes, No, N/A) and result of the check	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in	M1 - 36. VMS OPERATIONAL	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	+CheckInspectionCode +ValueIndicator +Value (text)		(Yes, No). For third countries vessels, report if VMS national or RFMO regime in Value (text)	listID="ISR_CHECK" ValueIndicator indicates whether the VMS was operational or not ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		
REM OPERATIONAL CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "REM_OPERATIONAL" +CheckInspectionCode +ValueIndicator	Code Indicator Text	Whether the operational status of the REM (aka CCTV) was checked (Yes, No, N/A) and result of the check (Yes, No). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the REM was operational or not ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 37. REMOTE ELECTRONIC MONITORING OPERATIONAL	0..1
LAST PORT OF CALL	IS_Report/ ISRIItemCharacteristic / TypeCode= "LAST_PORT_OF_CALL"	Association	Information about the last call in port by the Inspected Vessel	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M1 - 47. LAST PORT OF CALL DETAILS	0..1
PORT	IS_Report/ ISRIItemCharacteristic / TypeCode= "LAST_PORT_OF_CALL" +FLUX_Location / TypeCode ="LOCATION" / ID	Identifier	The port in which the inspected vessel last called	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID="LOCATION"	M1 - 47. PORT (UN/LOCODES)	0..1
DATE	IS_Report/ ISRIItemCharacteristic / TypeCode= "LAST_PORT_OF_CALL" +Value .DateTime	DateTime	The date of the last calling in port of the inspected vessel	The UTC date and time according to ISO 8601 format. e.g. 2008-10- 31T13:23:05Z. Use 00:00:00Z to indicate only the date.	M1 - 47. DATE	0..1
OWNER	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER"	Association Code	Details about the vessel owner	listID="FLUX_CONTACT_ROLE" +value="OWNER"	M1 - 22. OWNER DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Name	Text	The name of the legal entity owning the vessel		M1 - 22. NAME	0..1
PERSON NAME	IS_Report / Vessel_Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_Transport Means / ContactParty / Contact_Person / Middle Name IS_Report / Vessel_Transport Means / ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_Transport Means / ContactParty / Contact_Person / Name Suffix	Text Text Text	The given name and family name (at least) of the vessel owner	Given Name and Family name are mandatory	M1 - 22. NAME	0..1
NATIONALITY	IS_Report / Vessel_Transport Means / ContactParty / Nationality_Country	Identifier	The country of nationality of the vessel owner	schemeID="TERRITORY" +value (Country ISO3 CODE)	M1 - 22. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_Transport Means / ContactParty / Structured_Address	Association	The full address of the vessel owner		M1 - 22. ADDRESS	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
CHARTERER	IS_Report / Vessel_ Transport Means / ContactParty / RoleCode="CHARTERER"	Association Code	Details about the vessel charterer	listID="FLUX_CONTACT_ROLE" +value="CHARTERER"	M1 - 23. CHARTERER DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Name	Text	The name of the legal entity chartering the vessel		M1 - 23. NAME	0..1
PERSON NAME	IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Middle Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the vessel charterer	Given Name and Family name are mandatory	M1 - 23. NAME	0..1
NATIONALITY	IS_Report / Vessel_ Transport Means / ContactParty / Nationality_ Country	Identifier	The country of nationality of the vessel charterer	schemeID="TERRITORY" +value (Country ISO3 CODE)	M1 - 23. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_ Transport Means / ContactParty / Structured_ Address	Association	The full address of the vessel charterer		M1 - 23. ADDRESS	0..1
AGENT	IS_Report / Vessel_ Transport Means / ContactParty / RoleCode="AGENT"	Association Code	Details about the vessel agent	listID="FLUX_CONTACT_ROLE" +value="AGENT"	M1 - 24. AGENT DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Name	Text	The name of the legal entity serving as agent for the vessel		M1 - 24. NAME	0..1
PERSON NAME	IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Middle Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the vessel agent	Given Name and Family name are mandatory	M1 - 24. NAME	0..1
NATIONALITY	IS_Report / Vessel_ Transport Means / ContactParty / Nationality_ Country	Identifier	The country of nationality of the vessel agent	schemeID="TERRITORY" +value (Country ISO3 CODE)	M1 - 24. NATIONALITY	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
ADDRESS	IS_Report / Vessel_Transport Means / ContactParty / Structured_Address	Association	The full address of the vessel agent		M1 – 24. ADDRESS	0..1
MASTER	IS_Report / Vessel_Transport Means / ContactParty / RoleCode="MASTER"	Association Code	Details about the vessel master	listID="FLUX_CONTACT_ROLE" +value="MASTER"	M1 – 25. MASTER/CAPTAIN DETAILS	1
PERSON NAME	IS_Report / Vessel_Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_Transport Means / ContactParty / Contact_Person / Middle Name IS_Report / Vessel_Transport Means / ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_Transport Means / ContactParty / Contact_Person / Name Suffix	Text Text Text	The given name and family name of the vessel master	Given Name and Family name are mandatory	M1 - 25. NAME	1
NATIONALITY	IS_Report / Vessel_Transport Means / ContactParty / Nationality_Country	Identifier	The country of nationality of the vessel master	schemelD="TERRITORY" +value (Country ISO3 CODE)	M1 - 25. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_Transport Means / ContactParty / Structured_Address	Association	The full address of the vessel master		M1 - 25. ADDRESS	0..1

5 DOCUMENTS & AUTHORISATIONS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
DOCUMENTS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "DOCUMENTS_CHECKED" +CheckInspectionCode	Code	Whether the vessel's documents were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific documents are indicated in the following items.	M1 - 31. INSPECTION OF DOCUMENTS AND AUTHORISATIONS	0..1
CERTIFICATE OF REGISTRY ID CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CERTIF_REGISTRY_CHECK" +CheckInspectionCode +ValueIndicator +Value (text)	Code Indicator Text	Whether the vessel's certificate of Registry ID was checked (Yes, No, N/A) and whether it was on board (Yes, No). For third countries vessels, details to be reported as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 32. CERTIFICATE OF REGISTRY ID	0..1
PROPULSION POWER CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "ENGINE_PROP_POWER_CHECK" +CheckInspectionCode	Code	Whether a physical verification of the engine power vs what is in the documents was done (yes, No, N/A). If yes, PROPULSION POWER DETAILS in Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 33. ENGINE PROPULSION POWER CHECK	0..1
PROPULSION POWER DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode=	Text	Details about the physical verification of the engine power vs what is In the documents.	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	"ENGINE_PROP_POWER_CHECK" +Value (text)			value of CheckInspectionCode in listID="ISR_CHECK"		
FISHING LICENCE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="FISHING_LICENCE_CHECKED" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the Fishing licence details were checked (Yes, No, N/A) and if yes, was it valid (Yes/No). Use N/A if there was no license. For third countries vessels, FISHING LICENCE DETAILS to be reported as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the fishing license was valid ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 34. FISHING LICENCE DETAILS	0..1
FISHING LICENCE DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode="FISHING_LICENCE_CHECKED" +Value (text)	Text	Details about fishing license	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1
FISHING AUTHORISATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="FISHING_AUTHORISATION_CHECKED" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the Fishing authorisation details were checked (Yes, No, N/A) and if yes, was it valid (Yes/No). Use N/A if there was no authorisation. For third countries vessels, FISHING AUTHORISATION DETAILS to be reported as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the fishing authorisation was valid ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 35. FISHING AUTHORISATION DETAILS	0..1
FISHING AUTHORISATION DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode="FISHING_AUTHORISATION_CHECKED" +Value (text)	Text	Details about fishing authorisation.	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1
PAPER FISHING LOGBOOK CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode	Code	Whether the vessel's paper fishing logbook was checked or not (Yes, No, N/A). Use N/A if there was no paper logbook. Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about the paper logbook are indicated in the following items.		0..1
NUMBER OF PAPER FISHING LOG SHEET	IS_Report / ISRIItemCharacteristic / TypeCode="NB_OF_PAPER_FISHING_LOG_SHEET" +Value. Quantity	Numeric	Total number of paper fishing log sheet	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M1 - 38. NUMBER OF PAPER FISHING LOG SHEET	0..1
FIRST LOG SHEET NUMBER	IS_Report / ISRIItemCharacteristic / TypeCode="FIRST_LOG_SHEET_NUMBER" +Value (text)	Text	The number of the first log sheet of the fishing logbook	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" for Union vessels, in ISO alpha-3 country codes +7 figures		0..1
LAST LOG SHEET NUMBER	IS_Report / ISRIItemCharacteristic / TypeCode="LAST_LOG_SHEET_NUMBER" +Value (text)	Text	The number of the last log sheet of the fishing logbook	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" for Union vessels, in ISO alpha-3 country codes +7 figures		0..1
ELECTRONIC FISHING LOGBOOK CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="E_FISHING_LOGBOOK_CHECK" +CheckInspectionCode	Code	Whether the vessel's electronic fishing logbook was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
				Details about the electronic logbook are indicated in the following items.		
ELECTRONIC FISHING LOGBOOK REFERENCE	IS_Report / ISRIItemCharacteristic / TypeCode="ELECTRONIC_LOGBOOK_REFERENCE" +Value (text)	Code Text	The Unique fishing trip identifier, if available	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M1 - 39. E-FISHING LOGBOOK REFERENCE	0..1
PRIOR NOTIFICATION REFERENCE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="PRIOR_NOTIFICATION_REF_CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the sending of prior notification was checked (Yes, No, N/A) and if Yes, did the vessel send any notification prior to calling in port (Yes, No).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the Port State Measures Agreement	M1 - 40. PRIOR NOTIFICATION REFERENCE	0..1
PURPOSE OF PRIOR NOTIFICATION	IS_Report / ISRIItemCharacteristic / TypeCode="PURPOSE_OF_PRIOR_NOTIFICATION" +ValueCode	Code	The purpose indicated in the prior notification	listID="FA_REASON_ARRIVAL"	M1 - 41. PURPOSE OF NOTIFICATION	0..1
STOWAGE PLAN CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="STOWAGE_PLAN_CHECKED" +CheckInspectionCode	Code	Whether the stowage plan was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 43. STOWAGE PLAN	0..1
FISH ROOM CERTIFICATE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="FISH_ROOM_CERTIFICATE_CHECKED" +checked. Code	Code	Whether the fish room certificate was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 42. FISH ROOM CERTIFICATE	0..1
ULLAGE TABLES FOR REFRIGERATED SEA WATER TANKS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="ULLAGE_TABLES_TANKS_CHECKED" +CheckInspectionCode	Code	Whether the ullage tables for refrigerated sea water tanks were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 44. ULLAGE TABLES FOR REFRIGERATED SEA WATER TANKS	0..1
CERTIFICATION FOR ON BOARD WEIGHING SYSTEMS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="CERTIF_WEIGH_SYSTEMS_CHECK" +CheckInspectionCode	Code	Whether the certification for on board weighing systems check was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 45. CERTIFICATION FOR ON BOARD WEIGHING SYSTEMS	0..1
MEMBERSHIP OF A PRODUCER ORGANISATION	IS_Report / ISRIItemCharacteristic / TypeCode="MEMBER_PRODUCER_ORGANISATION" +ValueIndicator	Indicator	Whether the vessel is part of a producer organisation. If yes, details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 46. MEMBERSHIP OF A PRODUCER ORGANISATION	0..1
PRODUCER ORGANISATION REFERENCE	IS_Report / ISRIItemCharacteristic / TypeCode="MEMBER_PRODUCER_ORGANISATION" +Value (text)	Text	Name/reference of the producer organisation the vessel is part of	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1

6 GEAR

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
GEAR CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="GEAR_CHECKED" +CheckInspectionCode	Code	Whether the fishing gear was checked or not (Yes, No, N/A).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 58. GEAR INSPECTION	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
				Details about the fishing gear checks are indicated in the following items.		
EC GAUGE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "EC_GAUGE_CHECKED" +CheckInspectionCode	Code	Whether the EC gauge was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"		0..1
GEAR MARKING CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "GEAR_MARKING_CHECKED" +CheckInspectionCode	Code	Whether the gear markings were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 63. GEAR MARKING	0..1
GEAR	IS_Report / Vessel_ Transport Means / OnBoardFishingGear /	Association	Details about each inspected fishing gear			0..n
GEAR TYPE	IS_Report / Vessel_ Transport Means / OnBoardFishingGear / TypeCode	Code	The type of the gear in FAO 3-alpha codes	listID="GEAR_TYPE"	M1 - 59. GEAR DETAILS (TYPE)	0..1
GEAR DETAILS CHARACTERISTIC	IS_Report / Vessel_ Transport Means / OnBoardFishingGear / Gear Inspection_ Event / Gear_ Characteristic / TypeCode +Value	Code Value	Characteristics of each inspected gear that were checked	listID="FA_GEAR_CHARACTERISTIC " The data type of the Value depends on the characteristic checked. See dedicated table.		0..n
GEAR ATTACHMENT	IS_Report / Vessel_ Transport Means / OnBoardFishingGear / AttachedFishingGearEquipment /	Association	Details about each attachment of the inspected fishing gear			0..n
GEAR ATTACHMENT TYPE	IS_Report / Vessel_ Transport Means / OnBoardFishingGear / AttachedFishingGearEquipment / TypeCode	Code	The type of the gear attachment	listID="FA_DEVICE_GEAR_ATTACHMENT"		0..1
GEAR ATTACHMENT CHARACTERISTIC	IS_Report / Vessel_ Transport Means / OnBoardFishingGear / AttachedFishingGearEquipment / Gear Equipment Inspection_ Event / Gear_ Characteristic / TypeCode +Value	Code Value	Characteristics of each inspected gear attachment that were checked	There is no standard code list for gear attachment characteristic. They shall be report using TypeCode (free code) or Value (text)		0..n

7 CATCH / PRODUCT

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
CATCH ON BOARD CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CATCH_CHECKED" +CheckInspectionCode	Code	Whether the catch on board the inspected vessel was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific catch- related checks are indicated in the following items.	M1 - 49. CATCH INSPECTION	1
WEIGHING CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CATCH_WEIGHING_CHECKED" +CheckInspectionCode	Code	Whether the catch weighing was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 55. WEIGHING CHECK	0..1
BOX/CONTAINER COUNT CHECK	IS_Report / ISRIItemCharacteristic / TypeCode=	Code	Whether the box/container count was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M1 - 55. BOX/CONTAINER COUNT	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	"BOX_CONTAINER_COUNT_CHECKED" +CheckInspectionCode			value of CheckInspectionCode in listID="ISR_CHECK"		
ULLAGE TABLES CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="ULLAGE_TABLES_CHECKED" +CheckInspectionCode	Code	Whether the ullage tables were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 55. ULLAGE TABLES	0..1
SAMPLING CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="SAMPLING_CHECKED" +CheckInspectionCode	Code	Whether the sampling was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 55. SAMPLING	0..1
MARGIN OF TOLERANCE PER SPECIES CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="MARGIN_TOL_SPECIES_CHECK" +CheckInspectionCode	Code	Whether the margin of tolerance per species was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"		0..1
SEPARATE REGISTRATION OF UNDERSIZED FISH CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="SEP_REG_UNDERSIZED_CHECK" +CheckInspectionCode	Code	Whether the separate registration of undersize fish was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 52. SEPARATE REGISTRATION OF UNDERSIZED FISH	0..1
SEPARATE STOWAGE FOR UNDERSIZED FISH CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="SEP_STOW_UNDERSIZED_CHECK" +CheckInspectionCode	Code	Whether the separate stowage of undersize fish was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 54. SEPARATE STOWAGE FOR UNDERSIZED FISH	0..1
SEPARATE STOWAGE FOR DEMERSAL STOCKS UNDER MULTI-ANNUAL PLANS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="SEP_STOW_DEMERSAL_CHECK" +CheckInspectionCode	Code	Whether the separate stowage for demersal stocks under multi-annual plans check was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M1 - 53. SEPARATE STOWAGE FOR DEMERSAL STOCKS UNDER MULTI-ANNUAL PLANS	0..1
CATCH RETAINED ON BOARD	IS_Report / Vessel_Transport Means / FA_Catch / TypeCode="ONBOARD"	Association	The catch retained on board the vessel at the time of the inspection, as per the inspectors' estimations/verifications. One record per catch/product inspected. If no catch was inspected, use the logbook information	listID="ISR_CATCH_TYPE"	M1 - 50. CATCH ON BOARD DETAILS	0..n
SPECIES	IS_Report / Vessel_Transport Means / FA_Catch / SpeciesCode	Code	The FAO 3-alpha code for the species	listID="FAO_SPECIES"	M1 - 50. SPECIES	1
WEIGHT	IS_Report / Vessel_Transport Means / FA_Catch / WeightMeasure	Measure	The kilogram live weight equivalent of the species/product		M1 - 50. QUANTITY	0..1
NUMBER OF FISHES	IS_Report / Vessel_Transport Means / FA_Catch / UnitQuantity	Quantity	The number of fish of the species/product			0..1
FISH PRESENTATION	IS_Report / Vessel_Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish presentation in FAO-3 alpha code (e.g.: whole, gutted...)	listID="FISH_PRESENTATION"		0..1
FISH PRESERVATION FORM	IS_Report / Vessel_Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish preservation form in FAO-3 alpha code (e.g.: fresh, frozen...)	listID="FISH_PRESERVATION"		0..1
CATCH AREA	IS_Report / Vessel_Transport Means / FA_Catch / FLUX_Location / TypeCode="AREA" +/ID	Code Identifier	The fishing, statistical or management area the species was captured in	FLUX_Location: listID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M1 - 50. CATCH AREA	0..n
UNDERSIZE FISH	IS_Report / Vessel_Transport Means / FA_Catch / Specified_Size_Distribution / ClassCode	Code	The under/over legal size code.	listID="FISH_SIZE_CLASS" code for under/over size: LSC (legal), BMS (undersize)		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
DISCARD RECORDS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="DISCARD_RECORDS_CHECKED" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the discard records in the logbook were checked or not (Yes, No, N/A). If Yes, is there declaration of discard in logbook (Yes/No)? Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 56. REGISTRATION OF DISCARD DETAILS	0..1
DISCARD RECORDS	IS_Report / Vessel_Transport Means / FA_Catch / TypeCode="DISCARDED"	Association	The discard records at the time of the inspection. One record per discard record.	listID="ISR_CATCH_TYPE" Same structure as CATCH ON BOARD		0..n
SPECIES	IS_Report / Vessel_Transport Means / FA_Catch / SpeciesCode	Code	The FAO 3-alpha code for the species discarded	listID="FAO_SPECIES"		1
WEIGHT	IS_Report / Vessel_Transport Means / FA_Catch / WeightMeasure	Measure	The kilogram live weight equivalent of the species discarded			0..1
NUMBER OF FISHES	IS_Report / Vessel_Transport Means / FA_Catch / UnitQuantity	Quantity	The number of fish of the species discarded			0..1

8 OBSERVATIONS AND COMMENTS

See section 7.1.11.

9 SUSPECTED INFRINGEMENTS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SUSPECTED INFRINGEMENT OBSERVED	IS_Report / ISRIItemCharacteristic / TypeCode="SUSPECTED_INFRINGEMENT_OBS" +ValueIndicator +Value (text)	Indicator	Whether a suspected infringement has been observed (Yes/No +Optional text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
SUSPECTED INFRINGEMENT	IS_Report / ISRIInfringementSuspicion	Association	Suspected infringements identified. One element per suspected infringement (See section 7.1.19).			0..n

10 INSPECTION CLOSURE

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
ACTIONS TAKEN	IS_Report / ISRItemCharacteristic / TypeCode= "ACTIONS_TAKEN" +ValueIndicator	Indicator	Whether any actions were taken following the inspection (Yes/No). Report immediate enforcement and conservatory measures taken such as seals, seizure of the vessel or the transport vehicle, of the catch or the products, of the gear, rerouting of the vessel to a port , etc.	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 67. ACTION TAKEN	0..1
ACTIONS TAKEN DETAILS	IS_Report / ISRItemCharacteristic / TypeCode= "ACTIONS_TAKEN" +Value (text)	Text	Details of actions taken (mandatory if Actions taken)			0..1
INSPECTOR IN CHARGE SIGNATURE	IS_Report / ISRItemCharacteristic / TypeCode= "INSPECTOR_IN_CHARGE_SIGNATURE" +ValueIndicator	Indicator	Whether the inspection report was signed by the inspector in charge (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 68. INSPECTORS' SIGNATURE	0..1
MASTER SIGNATURE	IS_Report / ISRItemCharacteristic / TypeCode= "MASTER_SIGNATURE" +ValueIndicator	Indicator	Whether the inspection report was signed by the vessel master (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M1 - 69. MASTER/CAPTAIN'S SIGNATURE	0..1

7.1.25.2. Inspection during transshipment (Module 2)

1 GENERAL REFERENCE DATA

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTION REPORT REFERENCE (HUMAN READABLE)	IS_Report / ID schemeID=EU_ISR_ID	Identifier	The business human readable identifier of this ISR document. Starting with the ISO-3 code of the country defining and delivering the identifier, followed by a hyphen, followed by ISR, followed by a hyphen, followed by country specific unique ID of at most 20 alphanumeric characters. [ISO-3 country code]-ISR-[country specific unique ID]	schemeID="EU_ISR_ID" +Value	M2 - 1. INSPECTION REPORT REFERENCE	1
INSPECTION REPORT REFERENCE (UUID)	IS_Report / IncludedFLUX Report_Document/ID	Association	The document details for this FLUX IS report.	Common entity shared by all FLUX domain reports. See data elements and attributes in Section 7.1.2.		1
REPORT DATE	IS_Report / Reference.DateTime	DateTime	The reference date for this IS Report.	Defined by the Report producer (could be start or end of the inspection/sighting)		1
REPORT TYPE	IS_Report / TypeCode	Code	The type of ISR report: inspection at sea, in port, surveillance, etc.	listID="ISR_REPORT_TYPE" +Code		1
REPORT CONTEXT	IS_Report / ContextTypeCode	Code	A code specifying a context type for this IS report, i.e. legal framework under which the inspection is performed	listID="ISR_REPORT_CONTEXT" +Code		1..n
INSPECTION PROGRAMME	IS_Report / ISItemCharacteristic / TypeCode= "INSPECTION_PROGRAMME" +Value. Code	Code	A code specifying the Inspection programme the inspection is part of.	ValueCode in listID="ISR_INSPECTION_PROGRAMME"		0..1
CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" +ID	Code Identifier	The Control party (Member State, EFCA...) producing the IS report, i.e. the CP in charge of the IS.	listID="FLUX_CONTACT_ROLE" +value="CONTROL_PARTY" schemeID="ISR_CONTROL_PARTY" +value	M2 - 2. MEMBER STATE	1
CONTROL AUTHORITY	IS_Report / ContactParty / ID +RoleCode= " CONTROL_AUTHORITY" +Name	Text	The name of the Control Authority conducting the inspection.	Freely provided by the report producer	M2 - 2. INSPECTION AUTHORITY	0..1
DATE OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode= "INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	Code DateTime	The date and time of the start of the inspection of the inspected vessel. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="INSPECTION" e.g. 2008-10-31T15:07:38Z	M2 - 5. DATE OF THE INSPECTION - START	1
TIME OF THE INSPECTION - START					M2 - 6. TIME OF THE INSPECTION - START	1
DATE OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode= "INSPECTION"+OccurrenceDelimitedPe riod / End.DateTime	Code DateTime	The date and time of the end of the inspection of the inspected vessel. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="INSPECTION" e.g. 2008-10-31T15:07:38Z	M2 - 7. DATE OF THE INSPECTION - FINISH	0..1
TIME OF THE INSPECTION - FINISH					M2 - 8. TIME OF THE INSPECTION - FINISH	0..1
RELATED INSPECTION REPORT REFERENCE	IS_Report / ISItemCharacteristic / TypeCode= "RELATED_TRX_INSPECTION_REPORT" +Value (text)	Text	The business human readable identifier of the ISR document covering the other vessel involved in the TRX. Starting with the ISO-3 code of the country defining and delivering the identifier, followed by a hyphen, followed by ISR, followed by a hyphen, followed by country specific unique ID of at most 20 alphanumeric characters. [ISO-3 country code]-ISR-[country specific unique ID]			0..1

2 INSPECTION MEANS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
PATROL VESSEL	IS_Report / Vessel_ Transport Means / RoleCode="PATROL_VESSEL"	Association Code	Details about the Patrol vessel from which the inspection is performed.	listID="ISR_VESSEL_ROLE" +value="PATROL_VESSEL"	M2 - 3. INSPECTION VESSEL	1
FLAG	IS_Report / Vessel_ Transport Means / Registration Vessel_ Country / ID	Identifier	The Flag State of registration of the Patrol vessel	schemelD="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.	M2 - 3. FLAG	1
NAME	IS_Report / Vessel_ Transport Means / Name	Text	Name of the vessel as in the national register		M2 - 3. NAME	0..1
EXTERNAL REGISTRATION NUMBER/PENNANT NUMBER	IS_Report / Vessel_ Transport Means / ID / SchemeID="EXT_MARK"	Identifier	External identification or Pennant number of the vessel	at least one of the 3 identifiers	M2 - 3. EXTERNAL REGISTRATION NUMBER/PENNANT NUMBER	0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / Vessel_ Transport Means / ID / SchemeID="IRCS"	Identifier	International Radio Call Sign of the vessel	at least one of the 3 identifiers	M2 - 4. INTERNATIONAL RADIO CALL SIGN	0..1
IMO NUMBER	IS_Report / Vessel_ Transport Means / ID / SchemeID="UVI"	Identifier	International Maritime Organisation number of the vessel, if any	at least one of the 3 identifiers		0..1
PATROL VESSEL POSITION EVENT	IS_Report / Vessel_ Transport Means / Vessel_ Position event	Association	Information about the patrol vessel's location at the start of the inspection	Must include an empty TypeCode child element for the XML to validate against the XSD, though it is not used in ISR.	M2 - 9. POSITION OF THE INSPECTION VESSEL	0..1
LATITUDE	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / Specified. Vessel_ Geographical Coordinate / Latitude	Measure	The measure of the latitude as an angular distance north or south from the Equator meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to North of equator. Negative coordinate refers to South.	M2 - 9. LATITUDE	1
LONGITUDE	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / Specified. Vessel_ Geographical Coordinate / Longitude	Measure	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.	M2 - 9. LONGITUDE	1
DATE OF THE POSITION	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / ObtainedOccurrenceDateTim e	DateTime	The date and time when the position of the vessel was taken by the vessel's navigation equipment.	The Must be a valid UTC date time according to ISO 8601 format when the position was obtained by the vessel navigation equipment, transmitted by the VMS system on-board of the vessel. e.g. 2008-10- 31T15:07:38Z (milliseconds can be provided optionally). Note: should be the same DateTime value as that of the Start of the Inspection		1
TIME OF THE POSITION	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / ObtainedOccurrenceDateTim e	DateTime				1
LOCATION OF THE PATROL VESSEL	IS_Report / Vessel_ Transport Means / FLUX_ Location / TypeCode= "AREA" /ID	Code Identifier	The fishing, statistical or management area the patrol vessel is in at the start of the inspection (with as much precision as possible)	FLUX_ Location: listID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M2 - 10. LOCATION OF THE INSPECTION VESSEL (DETAILED FISHING AREA)	0..1
INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE"	Association Code	Details about the inspector in charge of the inspection	listID="FLUX_CONTACT_ROLE" +value="INSPECTOR_IN_CHARGE"	M2 - 13. INSPECTOR IN CHARGE	0..1
NAME	IS_Report / ContactParty / Contact_ Person / Given Name	Text Text	The given name and family name of the Inspector in charge	Given Name and Family name are mandatory		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text				
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_Report / ContactParty / Nationality_Country	Identifier	The country of nationality of the Inspector in charge	schemeID="TERRITORY" +value (Country ISO3 CODE)	M2 - 14. NATIONALITY	0..1
SERVICE CARD PRESENTED	IS_Report / ISRIItemCharacteristic / TypeCode="INSPECT_CHARGE_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the Inspector in charge has presented his/her service card to the Inspected Vessel's master	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
SECOND INSPECTOR	IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR"	Association Code	Details about the second inspector present for the inspection	listID="FLUX_CONTACT_ROLE" +value="SECOND_INSPECTOR"	M2 - 15. INSPECTOR 2	0..n
NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the second Inspector	Given Name and Family name are mandatory		0..1
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_report / ContactParty / Nationality_Country	Identifier	The country of nationality of the second Inspector	schemeID="TERRITORY" +value (Country ISO3 CODE)	M2 - 16. NATIONALITY	0..1
SERVICE CARD PRESENTED	IS_Report / ISRIItemCharacteristic / TypeCode="SECOND_INSPECT_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the second inspector has presented his/her service card to the Inspected Vessel's master	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
OTHER INSPECTORS	IS_report / ContactParty / RoleCode ="OTHER_INSPECTOR"	Association Code	Details about the other inspectors present for the inspection	listID="FLUX_CONTACT_ROLE" +value="OTHER_INSPECTOR"		0..n
NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the other Inspector	Given Name and Family name are mandatory	M2 - 15. INSPECTOR 2	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_report / ContactParty / Nationality_Country	Identifier	The country of nationality of the other Inspector	schemeID="TERRITORY" +value (Country ISO3 CODE)	M2 - 16. NATIONALITY	0..1
OTHER INSPECTORS SERVICE CARD PRESENTED	IS_Report / ISRIItemCharacteristic / TypeCode= "OTHER_INSPECT_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the other inspectors have ALL presented their service card to the Inspected Vessel's master	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" Note: value is Yes if all cards have been presented, No if at least one hasn't		0..1

3 PRE-INSPECTION

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
RADIO CALL PRE-BOARDING	IS_Report / ISRIItemCharacteristic / TypeCode= "RADIO_CALL_PRE-BOARDING" +ValueIndicator	Indicator	Whether or not a radio call with the inspected vessel has taken place before boarding	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M2 - 28. VMS CHECK PRE-BOARDING	0..1
TRANSHIPMENT AUTHORISATION DETAILS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "TRX_AUTH_DETAILS_CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator Text	Whether the Transhipment authorisation has been checked (CheckInspectionCode="Yes"/No/NA). If yes, is it on board and valid (ValueIndicator / IndicatorString="Y"/"N"). If YES, report the reference number, date, time, place and receiving vessel authorised, and issuing authority as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M2 - 35. TRANSHIPMENT AUTHORISATION DETAILS	0..1
VESSEL FISHING LOGBOOK COMPLETED BEFORE INSPECTION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "LOGBOOK_BEFORE_INSPECT_CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the fishing logbook's completion before the inspection was checked (yes, No, N/A). If yes, whether it was completed before inspection (Y/N). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Values of ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M2 - 29. FISHING LOG-BOOK COMPLETED BEFORE TRANSHIPMENT	0..1
VESSEL E-FISHING LOGBOOK COMPLETED BEFORE INSPECTION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "ELOGBOOK_BEFR_INSPECTION_CHECK" +CheckInspectionCode	Code Indicator	Whether the electronic fishing logbooks completion before the inspection was checked (yes, No, N/A) and result of the check (Yes, No). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the fishing logbooks had been completed before the inspection or not ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
VMS PRE-BOARDING CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "VMS_PRE-BOARDING_CHECKED" +CheckInspectionCode	Code Indicator	Whether the VMS was checked before boarding/arrival (yes, No, N/A) and result of the check (Yes/OK, No/NOT OK). Optional details as Value (text). For third countries vessels, report if VMS national or RFMO regime (as free text details)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the VMS had been checked before the inspection or not ValueIndicator / IndicatorString in code list		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
				"BOOLEAN_TYPE". Value(text) is used to indicate the VMS regime		

4 INSPECTED VESSEL

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
PORT	IS_Report/ ISRIItemCharacteristic /TypeCode= "PORT_OF_INSPECTION" +FLUX_Location / TypeCode ="LOCATION" +Identifier	Identifier	The port in which the vessel is being inspected, if any	FLUX_Location: listID="ISR_AREA_TYPE ID: schemeID="LOCATION"	M2 - 11. LOCATION OF THE PORT	0..1
DESIGNATED?	IS_Report/ ISRIItemCharacteristic /TypeCode= "DESIGNATED_PORT" +ValueIndicator	Indicator	Whether the port is part of the list of designated ports for Transhipment (Yes/No)	Yes/No	M2 - 12. DESIGNATED PORT	0..1
INSPECTED VESSEL	IS_report / Vessel_ Transport Means / RoleCode="INSPECTED_DONOR_VESSEL" or RoleCode="INSPECTED_RECEIVING_VESSEL"	Association Code	Details about the Inspected (donor or receiving) vessel	listID="ISR_VESSEL_ROLE" +value="INSPECTED_DONOR_VESSEL" or value="INSPECTED_RECEIVING_VESSEL"	M2 – 17/48 DONOR/RECEIVING FISHING VESSEL DETAILS	1
NAME	IS_Report / Vessel_ Transport Means / Name	Text	Name of the vessel as in the national register		M2 – 17/48. NAME	0..1
FLAG	IS_Report / Vessel_ Transport Means / Registration Vessel_ Country / ID	Identifier	The Flag State of registration of the inspected vessel	schemeID="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.	M2 - 17/48. FLAG	1
VESSEL TYPE	IS_Report / Vessel_ Transport Means / TypeCode	Code	The type of vessel (such as stern trawler, longliner, support...) using the FAO International Standard Statistical Classification of Fishery Vessels (ISSCFV)	listID="VESSEL_TYPE"	M2 – 19/50. TYPE OF THE VESSEL	0..1
EXTERNAL REGISTRATION NUMBER	IS_Report / Vessel_ Transport Means / ID / SchemeID="EXT_MARK"	Identifier	External identification number of the vessel	SchemeID = "EXT_MARK" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M2 - 17/48. EXTERNAL REGISTRATION NUMBER	0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / Vessel_ Transport Means / ID / SchemeID="IRCS"	Identifier	International Radio Call Sign of the vessel	SchemeID = "IRCS" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M2 – 21/52. INTERNATIONAL RADIO CALL SIGN	0..1
IMO NUMBER	IS_Report / Vessel_ Transport Means / ID / SchemeID="UVI"	Identifier	International Maritime Organisation number of the vessel, if any	SchemeID = "UVI" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M2 – 22/53. INTERNATIONAL MARITIME ORGANISATION NUMBER	0..1
COMMUNITY FLEET REGISTER NUMBER	IS_Report / Vessel_ Transport Means / ID / schemeID="CFR"	Identifier	Community Fleet Register Number, if the vessel is an EU vessel	SchemeID = "CFR" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M2 – 23/54. COMMUNITY FLEET REGISTER NUMBER	0..1
INSPECTED VESSEL POSITION EVENT	IS_Report / Vessel_ Transport Means / Vessel Position_ Event	Association	Information about the inspected vessel's location at the start of the inspection	Should only be indicated if different from the Inspection vessel's position	M2 – 18/49. POSITION AND LOCATION OF THE VESSEL	0..1
LATITUDE	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / Specified. Vessel_ Geographical Coordinate / Latitude	Measure	The measure of the latitude as an angular distance north or south from the Equator meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions.	M2 - 18/49. LATITUDE	1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
				Positive coordinate refers to North of equator. Negative coordinate refers to South.		
LONGITUDE	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / Specified. Vessel_ Geographical Coordinate / Longitude	Measure	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.	M2 - 18/49. LONGITUDE	1
DATE OF THE POSITION TIME OF THE POSITION	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / ObtainedOccurrenceDateTim e	DateTime	The date and time when the position of the vessel was taken by the vessel's navigation equipment.	The Must be a valid UTC date time according to ISO 8601 format when the position was obtained by the vessel navigation equipment, transmitted by the VMS system on-board of the vessel. e.g. 2008-10- 31T15:07:38Z (milliseconds can be provided optionally). Note: should be the same DateTime value as that of the Start of the Inspection		1 1
LOCATION OF THE INSPECTED VESSEL	IS_Report / Vessel_ Transport Means / FLUX_ Location /TypeCode= "AREA" +ID	Code Identifier	The fishing, statistical or management area the inspected vessel was is in at the start of the inspection	FLUX_ Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M2 - 18/49. DETAILED FISHING AREA	0..1
VMS OPERATIONAL CHECK	IS_Report / ISRItemCharacteristic / TypeCode= "VMS_OPERATIONAL" +CheckInspectionCode +ValueIndicator +Value (text)	Code Indicator Text	Whether the operational status of the VMS was checked (Yes, No, N/A) and result of the check (Yes, No). For third countries vessels, report if VMS national or RFMO regime in Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the VMS was operational or not ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M2 - 36. VMS OPERATIONAL/65	0..1
LAST PORT OF CALL	IS_Report/ ISRItemCharacteristic /TypeCode= "LAST_PORT_OF_CALL"	Association	Information about the last call in port by the Inspected Vessel	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M2 – 41/70. LAST PORT OF CALL DETAILS	0..1
PORT	IS_Report/ ISRItemCharacteristic /TypeCode= "LAST_PORT_OF_CALL" +FLUX_ Location / TypeCode ="LOCATION"/ ID	Identifier	The port in which the inspected vessel last called	FLUX_ Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID="LOCATION"	M2 – 41/70. PORT	0..1
DATE	IS_Report/ ISRItemCharacteristic /TypeCode= "LAST_PORT_OF_CALL" +Value .DateTime	Date	The date of the last calling in port of the inspected vessel	The UTC date time according to ISO 8601 format. e.g. 2008-10- 31Z. Use 00:00:00Z to indicate only the date.	M2 – 41/70. DATE	0..1
OWNER	IS_Report / Vessel_ Transport Means / ContactParty / RoleCode="OWNER"	Association Code	Details about the vessel owner	listID="FLUX_CONTACT_ROLE" +value="OWNER"	M2 – 24/55. OWNER DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Name	Text	The name of the legal entity owning the vessel		M2 - 24/55. NAME	0..1
PERSON NAME	IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Middle Name IS_Report / Vessel_ Transport Means /	Text Text Text	The given name and family name (at least) of the vessel owner	Given Name and Family name are mandatory	M2 - 24/55. NAME	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Name Suffix					
NATIONALITY	IS_Report / Vessel_ Transport Means / ContactParty / Nationality_ Country	Identifier	The country of nationality of the vessel owner	schemeID="TERRITORY" +value (Country ISO3 CODE)	M2 - 24/55. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_ Transport Means / ContactParty / Structured_ Address	Association	The full address of the vessel owner		M2 - 24/55. ADDRESS	0..1
CHARTERER	IS_Report / Vessel_ Transport Means / ContactParty / RoleCode="CHARTERER"	Association Code	Details about the vessel charterer	listID="FLUX_CONTACT_ROLE" +value="CHARTERER"	M2 – 25/56. CHARTERER DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Name	Text	The name of the legal entity chartering the vessel		M2 - 25/56. NAME	0..1
PERSON NAME	IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Middle Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the vessel charterer	Given Name and Family name are mandatory	M2 - 25/56. NAME	0..1
NATIONALITY	IS_Report / Vessel_ Transport Means / ContactParty / Nationality_ Country	Identifier	The country of nationality of the vessel charterer	schemeID="TERRITORY" +value (Country ISO3 CODE)	M2 - 25/56. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_ Transport Means / ContactParty / Structured_ Address	Association	The full address of the vessel charterer		M2 - 25/56. ADDRESS	0..1
AGENT	IS_Report / Vessel_ Transport Means / ContactParty / RoleCode="AGENT"	Association Code	Details about the vessel agent	listID="FLUX_CONTACT_ROLE" +value="AGENT"	M2 – 26/57. AGENT DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Name	Text	The name of the legal entity serving as agent for the vessel		M2 - 26/57. NAME	0..1
PERSON NAME	IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person /	Text Text Text Text	The given name and family name of the vessel agent	Given Name and Family name are mandatory	M2 - 26/57. NAME	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	Middle Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Name Suffix					
NATIONALITY	IS_Report / Vessel_ Transport Means / ContactParty / Nationality_Country	Identifier	The country of nationality of the vessel agent	schemeID="TERRITORY" +value (Country ISO3 CODE)	M2 - 26/57. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_ Transport Means / ContactParty / Structured_Address	Association	The full address of the vessel agent		M2 - 26/57. ADDRESS	0..1
MASTER	IS_Report / Vessel_ Transport Means / ContactParty / RoleCode="MASTER"	Association Code	Details about the vessel master	listID="FLUX_CONTACT_ROLE" +value="MASTER"	M2 - 27/58. MASTER DETAILS	1
NAME	IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Middle Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the vessel master	Given Name and Family name are mandatory	M2 - 27/58. NAME	1
NATIONALITY	IS_Report / Vessel_ Transport Means / ContactParty / Nationality_Country	Identifier	The country of nationality of the vessel master	schemeID="TERRITORY" +value (Country ISO3 CODE)	M2 - 27/58. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_ Transport Means / ContactParty / Structured_Address	Association	The full address of the vessel master		M2 - 27/58. ADDRESS	0..1

5 DOCUMENTS & AUTHORISATIONS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
DOCUMENTS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "DOCUMENTS_CHECKED" +CheckInspectionCode	Code	Whether the vessel's documents were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific documents are indicated in the following items.	M2 - 31/62. INSPECTIONS OF DOCUMENTS AND AUTHORISATIONS	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
CERTIFICATE OF REGISTRY ID CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CERTIF_REGISTRY_CHECK" +CheckInspectionCode +ValueIndicator +Value (text)	Code Indicator Text	Whether the vessel's certificate of Registry ID was checked (Yes, No, N/A) and whether it was on board (Yes, No). For third countries vessels, details to be reported as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M2 – 32/63. CERTIFICATE OF REGISTRY ID	0..1
FISHING LICENCE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "FISHING_LICENCE_CHECKED" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the Fishing licence details were checked (Yes, No, N/A) and if yes, was it valid (Yes/No). For third countries vessels, FISHING LICENCE DETAILS to be reported as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the fishing license was valid ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M2 – 33/64. FISHING LICENCE DETAILS	0..1
FISHING LICENCE DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode= "FISHING_LICENCE_CHECKED" +Value (text)	Text	Details about fishing license	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1
FISHING AUTHORISATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "FISHING_AUTHORISATION_CHECKED" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the Fishing authorisation details were checked (Yes, No, N/A) and if yes, was it valid (Yes/No). For third countries vessels, FISHING AUTHORISATION DETAILS to be reported as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the fishing authorisation was valid ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M2 – 34/64. FISHING AUTHORISATION DETAILS	0..1
FISHING AUTHORISATION DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode= "FISHING_AUTHORISATION_CHECKED" +Value (text)	Text	Details about fishing authorisation	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1
PAPER FISHING LOGBOOK CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode	Code	Whether the vessel's paper fishing logbook was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about the paper logbook are indicated in the following items.		0..1
NUMBER OF PAPER FISHING LOG SHEET	IS_Report / ISRIItemCharacteristic / TypeCode= "NB_OF_PAPER_FISHING_LOG_SHEET" +Value. Quantity	Numeric	Total number of paper fishing log sheet	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M2 – 37/66. NUMBER(S) OF PAPER FISHING LOG SHEET(S)	0..1
FIRST LOG SHEET NUMBER	IS_Report / ISRIItemCharacteristic / TypeCode= "FIRST_LOG_SHEET_NUMBER" +Value (text)	Text	The number of the first log sheet of the fishing logbook	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" for Union vessels, in ISO alpha-3 country codes +7 figures		0..1
LAST LOG SHEET NUMBER	IS_Report / ISRIItemCharacteristic / TypeCode= "LAST_LOG_SHEET_NUMBER" +Value (text)	Text	The number of the last log sheet of the fishing logbook	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" for Union vessels, in ISO alpha-3 country codes +7 figures		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
ELECTRONIC FISHING LOGBOOK CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "E_FISHING_LOGBOOK_CHECK" +CheckInspectionCode	Code	Whether the vessel's electronic fishing logbook was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about the electronic logbook are indicated in the following items.		0..1
ELECTRONIC FISHING LOGBOOK REFERENCE	IS_Report / ISRIItemCharacteristic / TypeCode= "ELECTRONIC_LOGBOOK_REFERENCE" +Value (text)	Code Text	The Unique fishing trip identifier, if available	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M2 – 38/67. E-FISHING LOGBOOK REFERENCE	0..1
PRIOR NOTIFICATION REFERENCE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "PRIOR_NOTIFICATION_REF_CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the sending of prior notification was checked (Yes, No, N/A) and if Yes, did the vessel send any notification prior to calling in port (Yes, No).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the Port State Measures Agreement	M2 – 39/68. PRIOR NOTIFICATION REFERENCE	0..1
PURPOSE OF PRIOR NOTIFICATION	IS_Report / ISRIItemCharacteristic / TypeCode= "PURPOSE_OF_PRIOR_NOTIFICATION" +ValueCode	Code	The purpose indicated in the prior notification	listID="FA_REASON_ARRIVAL"	M2 – 40/69. PURPOSE OF PRIOR NOTIFICATION	0..1

6 GEAR

None

7 CATCH / PRODUCT

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
CATCH ON BOARD CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CATCH_CHECKED" +CheckInspectionCode +ValueIndicator	Code	Whether the inspected vessel's catch was checked or not (CheckInspectionCode="Yes", "No", "N/A"). If yes, whether there were catches on board (ValueIndicator / IndicatorString="Y" or "N"). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific catch- related checks are indicated in the following items.	M2 – 43/72. CATCH INSPECTION	0..1
CATCH ON BOARD BEFORE TRANSHIPMENT	IS_Report / Vessel_ Transport Means / FA_Catch / TypeCode= "ONBOARD"	Association	The catch retained on board the vessel at the time of the inspection, as per the inspectors' estimations/verifications. One record per catch/product inspected. If no catch was inspected, use the logbook information	listID="ISR_CATCH_TYPE"	M2 – 44/73. CATCH ON BOARD DETAILS	0..n
SPECIES	IS_Report / Vessel_ Transport Means / FA_Catch / SpeciesCode	Code	The FAO 3-alpha code for the species	listID="FAO_SPECIES"	M2 – 44/73. SPECIES	1
WEIGHT	IS_Report / Vessel_ Transport Means / FA_Catch / WeightMeasure	Measure	The kilogram live weight equivalent of the species/product		M2 - 44/73. WEIGHT	0..1
NUMBER OF FISHES	IS_Report / Vessel_ Transport Means / FA_Catch / UnitQuantity	Quantity	The number of fish of the species/product			0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
FISH PRESENTATION	IS_Report / Vessel_ Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish presentation in FAO-3 alpha code (e.g.: whole, gutted...)	listID="FISH_PRESENTATION"	M2 - 44/73. FISH PRESENTATION	0..1
PRESERVATION FORM	IS_Report / Vessel_ Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish preservation form in FAO-3 alpha code (e.g.: fresh, frozen...)	listID="FISH_PRESERVATION"		0..1
CATCH AREA	IS_Report / Vessel_ Transport Means / FA_Catch / FLUX_Location / TypeCode= "AREA" +/ID	Code Identifier	The fishing, statistical or management area the species was captured in	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M2 - 44/73. CATCH AREA	0..n
UNDERSIZE FISH	IS_Report / Vessel_ Transport Means / FA_Catch / Specified. Size_Distribution / ClassCode	Code	The under/over legal size code.	listID="FISH_SIZE_CLASS" code for under/over size: LSC (legal), BMS (undersize)		0..1
CATCH TRANSHIPPED	IS_Report / Vessel_ Transport Means / FA_Catch / Type = "UNLOADED"	Association	The catch unloaded to the receiving vessel during the transshipment, as per the inspectors' estimations/verifications. One record per catch/product inspected. If no catch was inspected, use the logbook information	listID="ISR_CATCH_TYPE"	M2 - 46. CATCH TRANSHIPPED DETAILS	0..n
SPECIES	IS_Report / Vessel_ Transport Means / FA_Catch / SpeciesCode	Code	The FAO 3-alpha code for the species	listID="FAO_SPECIES"	M2 - 46. SPECIES	1
WEIGHT	IS_Report / Vessel_ Transport Means / FA_Catch / WeightMeasure	Measure	The kilogram live weight equivalent of the species/product		M2 - 46. WEIGHT	0..1
NUMBER OF FISHES	IS_Report / Vessel_ Transport Means / FA_Catch / UnitQuantity	Quantity	The number of fish of the species/product			0..1
FISH PRESENTATION	IS_Report / Vessel_ Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish presentation in FAO-3 alpha code (e.g.: whole, gutted...)	listID="FISH_PRESENTATION"	M2 - 46. FISH PRESENTATION	0..1
PRESERVATION FORM	IS_Report / Vessel_ Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish preservation form in FAO-alpha code (e.g.: fresh, frozen...)	listID="FISH_PRESERVATION"		0..1
CATCH AREA	IS_Report / Vessel_ Transport Means / FA_Catch / FLUX_Location / TypeCode= "AREA" +/ID	Code Identifier	The fishing, statistical or management area the species was captured in	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M2 - 46. CATCH AREA	0..n
UNDERSIZE FISH	IS_Report / Vessel_ Transport Means / FA_Catch / Specified. Size_Distribution / ClassCode	Code	The under/over legal size code.	listID="FISH_SIZE_CLASS" code for under/over size: LSC (legal), BMS (undersize)		0..1
CATCH RECEIVED	IS_Report / Vessel_ Transport Means / FA_Catch / Type = "LOADED"	Association	The catch received from the donor vessel during the transshipment, as per the inspectors' estimations/verifications. One record per catch/product inspected. If no catch was inspected, use the logbook information	listID="ISR_CATCH_TYPE"	M2 - 74. CATCH RECEIVED DETAILS	0..n
SPECIES	IS_Report / Vessel_ Transport Means / FA_Catch / SpeciesCode	Code	The FAO 3-alpha code for the species	listID="FAO_SPECIES"	M2 - 74. SPECIES	1
WEIGHT	IS_Report / Vessel_ Transport Means / FA_Catch / WeightMeasure	Measure	The kilogram live weight equivalent of the species/product		M2 - 74. WEIGHT	0..1
NUMBER OF FISHES	IS_Report / Vessel_ Transport Means / FA_Catch / UnitQuantity	Quantity	The number of fish of the species/product			0..1
FISH PRESENTATION	IS_Report / Vessel_ Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish presentation in FI3 alpha code (e.g.: whole, gutted...)	listID="FISH_PRESENTATION"	M2 - 74. FISH PRESENTATION	0..1
FISH PRESERVATION FORM	IS_Report / Vessel_ Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish preservation form iIAO-3 alpha code (e.g.: fresh, frozen...)	listID="FISH_PRESERVATION"		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
CATCH AREA	IS_Report / Vessel_ Transport Means / FA_Catch / FLUX_Location /TypeCode= "AREA" +/ID	Code Identifier	The fishing, statistical or management area the species was captured in	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M2 - 74. CATCH AREA	0..n
UNDERSIZE FISH	IS_Report / Vessel_ Transport Means / FA_Catch / Specified. Size_Distribution / ClassCode	Code	The under/over legal size code.	listID="FISH_SIZE_CLASS" code for under/over size: LSC (legal), BMS (undersize)		0..1

8 OBSERVATIONS AND COMMENTS

See section 7.1.11.

9 SUSPECTED INFRINGEMENTS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SUSPECTED INFRINGEMENT OBSERVED	IS_Report / ISRIItemCharacteristic / TypeCode= "SUSPECTED_INFRINGEMENT_OBS"	Indicator Text	Whether a suspected infringement has been observed (Yes/No +Optional text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
SUSPECTED INFRINGEMENT	IS_Report / ISRIInfringementSuspicion	Association	Suspected infringements identified. One element per suspected infringement (See section 7.1.19).			0..n

10 INSPECTION CLOSURE

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
ACTIONS TAKEN	IS_Report / ISRIItemCharacteristic / TypeCode= "ACTIONS_TAKEN" +ValueIndicator	Indicator	Whether any actions were taken following the inspection (Yes/No). Report immediate enforcement and conservatory measures taken such as seals, seizure of the vessel or the transport vehicle, of the catch or the products, of the gear, rerouting of the vessel to a port , etc.	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M2 - 78. ACTION(S) TAKEN	0..1
ACTIONS TAKEN DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode= "ACTIONS_TAKEN" +Value (text)	Text	Details of actions taken (mandatory if Actions taken)			0..1
INSPECTOR IN CHARGE SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode= "INSPECTOR_IN_CHARGE_SIGNATURE" +ValueIndicator	Indicator	Whether the inspection report was signed by the inspector in charge (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M2 - 79. INSPECTORS' SIGNATURE	0..1
MASTER SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode= "MASTER_SIGNATURE" +ValueIndicator	Indicator	Whether the inspection report was signed by the vessel master (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M2 - 80. MASTER/CAPITAIN'S SIGNATURE	0..1

7.1.25.3. Inspection in port (Module 3)

1 GENERAL REFERENCE DATA

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTION REPORT REFERENCE (HUMAN READABLE)	IS_Report / ID schemeID=EU_ISR_ID	Identifier	The business human readable identifier of this ISR document. Starting with the ISO-3 code of the country defining and delivering the identifier, followed by a hyphen, followed by ISR, followed by a hyphen, followed by country specific unique ID of at most 20 alphanumeric characters. [ISO-3 country code]"-ISR-"[country specific unique ID]	schemeID="EU_ISR_ID" +Value	M3 - 1. INSPECTION REPORT REFERENCE	1
INSPECTION REPORT REFERENCE (UUID)	IS_Report / IncludedFLUX Report_Document/ID	Association	The document details for this FLUX IS report.	Common entity shared by all FLUX domain reports. See data elements and attributes in Section 7.1.2.		1
REPORT DATE	IS_Report / Reference.DateTime	DateTime	The reference date for this IS Report.	Defined by the Report producer (could be start or end of the inspection/sighting)		1
REPORT TYPE	IS_Report / TypeCode	Code	The type of ISR report: inspection at sea, in port, surveillance, etc.	listID="ISR_REPORT_TYPE" +Code		1
REPORT CONTEXT	IS_Report / ContextTypeCode	Code	A code specifying a context type for this IS report, i.e. legal framework under which the inspection is performed	listID="ISR_REPORT_CONTEXT" +Code		1..n
INSPECTION PROGRAMME	IS_Report / ISItemCharacteristic / TypeCode= "INSPECTION_PROGRAMME" +ValueCode	Code	A code specifying the Inspection programme the inspection is part of.	ValueCode in listID="ISR_INSPECTION_PROGRAMME"		0..1
CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" +ID	Code Identifier	The Control party (Member State, EFCA...) producing the IS report, i.e. the CP in charge of the IS.	listID="FLUX_CONTACT_ROLE" +value="CONTROL_PARTY" schemeID="ISR_CONTROL_PARTY" +value	M3 - 2 MEMBER STATE	1
CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode= "CONTROL_AUTHORITY" +Name	Text	The name of the Control Authority conducting the inspection.	Freely provided by the report producer	M3 - 2 INSPECTION AUTHORITY	0..1
DATE OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode= "INSPECTION"	Code DateTime	The date and time of the start of the inspection of the inspected vessel. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="INSPECTION" e.g. 2008-10-31T15:07:38Z	M3 - 3. DATE OF THE INSPECTION	1
TIME OF THE INSPECTION - START	+OccurrenceDelimitedPeriod / Start.DateTime				M3 - 4. TIME OF THE INSPECTION	1
DATE OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode= "INSPECTION"	Code DateTime	The date and time of the end of the inspection of the inspected vessel. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="INSPECTION" e.g. 2008-10-31T15:07:38Z	M3 - 5. DATE OF THE INSPECTION	0..1
TIME OF THE INSPECTION - FINISH	+OccurrenceDelimitedPeriod / End.DateTime				M3 - 6. TIME OF THE INSPECTION	0..1

2 INSPECTION MEANS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE"	Association Code	Details about the inspector in charge of the inspection	listID="FLUX_CONTACT_ROLE" +value="INSPECTOR_IN_CHARGE"	M3 - 9. INSPECTOR IN CHARGE	0..1
NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty /	Text Text	The given name and family name of the Inspector in charge	Given Name and Family name are mandatory		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text				
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_Report / ContactParty / Nationality_ Country	Identifier	The country of nationality of the Inspector in charge	schemeID="TERRITORY" +value (Country ISO3 CODE)	M3 - 10. NATIONALITY	0..1
SERVICE CARD PRESENTED	IS_Report / ISRItemCharacteristic / TypeCode= "INSPECT_CHARGE_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the Inspector in charge has presented his/her service card to the Inspected Vessel's master	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 26. IDENTIFICATION FOR INSPECTORS	0..1
SECOND INSPECTOR	IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR"	Association Code	Details about the second inspector present for the inspection	listID="FLUX_CONTACT_ROLE" +value="SECOND_INSPECTOR"	M3 - 11. INSPECTOR 2	0..n
NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the second Inspector	Given Name and Family name are mandatory		0..1
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_report / ContactParty / Nationality_ Country	Identifier	The country of nationality of the second Inspector	schemeID="TERRITORY" +value (Country ISO3 CODE)	M3 - 12. NATIONALITY	0..1
SERVICE CARD PRESENTED	IS_Report / ISRItemCharacteristic / TypeCode= "SECOND_INSPECT_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the second inspector has presented his/her service card to the Inspected Vessel's master	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 26. IDENTIFICATION FOR INSPECTORS	0..1
OTHER INSPECTORS	IS_report / ContactParty / RoleCode ="OTHER_INSPECTOR"	Association Code	Details about the other inspectors present for the inspection	listID="FLUX_CONTACT_ROLE" +value="OTHER_INSPECTOR"		0..n
NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the other Inspector	Given Name and Family name are mandatory	M3 - 11. INSPECTOR 2	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_report / ContactParty / Nationality_Country	Identifier	The country of nationality of the other Inspector	schemeID="TERRITORY" +value (Country ISO3 CODE)	M3 - 12. NATIONALITY	0..1
OTHER INSPECTORS SERVICE CARD PRESENTED	IS_Report / ISRItemCharacteristic / TypeCode="OTHER_INSPECT_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the other inspectors have ALL presented their service card to the Inspected Vessel's master	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" Note: value is Yes if all cards have been presented, No if at least one hasn't	M3 - 26. IDENTIFICATION FOR INSPECTORS	0..1

3 PRE-INSPECTION

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
VMS PRE-ARRIVAL TO LAND CHECK	IS_Report / ISRItemCharacteristic / TypeCode="VMS_PRE-ARRIVAL_CHECK" +CheckInspectionCode" +ValueIndicator +optional Value (text)	Code Indicator Text	Whether the operational status of the VMS was checked (Yes, No, N/A) and result of the check (Yes, No). For third countries vessels, report if VMS national or RFMO regime in Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" values of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the VMS was operational or not ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 24. VMS CHECK PRE-ARRIVAL TO LAND	0..1
VESSEL FISHING LOGBOOK COMPLETED BEFORE ARRIVAL CHECK	IS_Report / ISRItemCharacteristic / TypeCode="LOGBOOK_BEFORE_INSPECT_CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator Text	Whether the fishing logbook completion before the inspection was checked (Yes, No, N/A). If yes, whether it was completed before arrival (Yes/No). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" values of CheckInspectionCode in listID="ISR_CHECK" Values of Indicator.Value in listID="BOOLEAN_TYPE"	M3 - 25. FISHING LOG-BOOK COMPLETED BEFORE ARRIVAL	0..1
STATUS IN RFMO AREA(S) WHERE FISHING OR RELATED-FISHING ACTIVITIES HAVE BEEN TAKING PLACE INCLUDING IN ANY IUU FISHING VESSEL LISTING	IS_Report / Inspected Vessel_Status		Information on the status of the vessel in RFMO area(s) where fishing or related-fishing activities have been taking place.	This is a PSMA- related field		0..n
RFMO	IS_Report / Inspected Vessel_Status / RegimeManagementCode	Code	listID="RFMO" (from ISR_MANAGEMENT_REGIMES) The code indicates the relevant RFMO	RegimeManagementCode in listID="RFMO".		1
VESSEL RFMO IDENTIFIER	IS_Report / Inspected Vessel_Status / ISR Item_Characteristic / TypeCode="VESSEL_RFMO_IDENTIFIER" +Value (text)	Text	The vessel identifier used by the RFMO, if any	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1
VESSEL ON AUTHORISED LIST	IS_Report / Inspected Vessel_Status / ISRItemCharacteristic / TypeCode="VESSEL_ON_RFMO_AUTHORISED_LIST" +ValueIndicator	Indicator	Whether the vessel is on the RFMO's List of authorised vessels	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
VESSEL ON IUU LIST	IS_Report / Inspected Vessel_Status / ISRItemCharacteristic / TypeCode="	Indicator	Whether the vessel is on the RFMO's List of IUU vessels	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	"VESSEL_ON_RFMO_IUU_LIST" +ValueIndicator			ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		

4 INSPECTED VESSEL

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTED VESSEL	IS_report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL"	Association Code	Details about the Inspected vessel	listID="ISR_VESSEL_ROLE" +value="INSPECTED_VESSEL"	M3 - 13. TARGET FISHING VESSEL DETAILS	1
NAME	IS_Report / Vessel_ Transport Means / Name	Text	Name of the vessel as in the national register		M3 - 13. NAME	0..1
FLAG	IS_Report / Vessel_ Transport Means / Registration Vessel_ Country / ID	Identifier	The Flag State of registration of the inspected vessel	schemeID="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.	M3 - 13. FLAG	1
VESSEL TYPE	IS_Report / Vessel_ Transport Means / TypeCode	Code	The type of vessel (such as stern trawler, longliner, support...) using the FAO International Standard Statistical Classification of Fishery Vessels (ISSCFV)	listID="VESSEL_TYPE"	M3 - 14. TYPE OF THE VESSEL	0..1
EXTERNAL REGISTRATION NUMBER	IS_Report / Vessel_ Transport Means / ID / SchemeID="EXT_MARK"	Identifier	External identification number of the vessel	SchemeID = "EXT_MARK" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M3 - 13. EXTERNAL REGISTRATION NUMBER	0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / Vessel_ Transport Means / ID / SchemeID="IRCS"	Identifier	International Radio Call Sign of the vessel	SchemeID = "IRCS" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M3 - 16. INTERNATIONAL RADIO CALL SIGN	0..1
IMO NUMBER	IS_Report / Vessel_ Transport Means / ID / SchemeID="UVI"	Identifier	International Maritime Organisation number of the vessel, if any	SchemeID = "UVI" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M3 - 17. INTERNATIONAL MARITIME ORGANISATION NUMBER	0..1
COMMUNITY FLEET REGISTER NUMBER	IS_Report / Vessel_ Transport Means / ID / schemeID="CFR"	Identifier	Community Fleet Register Number, if the vessel is an EU vessel	SchemeID = "CFR" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M3 - 18. COMMUNITY FLEET REGISTER NUMBER	0..1
INSPECTED VESSEL POSITION EVENT	IS_Report / Vessel_ Transport Means / Vessel Position_ Event	Association	Information about the inspected vessel's location at the start of the inspection, if not in a port	Should only be indicated if different from the Inspection vessel's position	M3 - 7. LOCATION OF THE PORT	1
LATITUDE	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / Specified. Vessel_ Geographical Coordinate / Latitude	Measure	The measure of the latitude as an angular distance north or south from the Equator meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to North of equator. Negative coordinate refers to South.		1
LONGITUDE	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / Specified. Vessel_ Geographical Coordinate / Longitude	Measure	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.		0..1
DATE OF THE POSITION	IS_Report / Vessel_ Transport Means / Vessel Position_ Event /	DateTime	The date and time when the position of the vessel was taken by the vessel's navigation equipment.	The Must be a valid UTC date time according to ISO 8601 format when the position was obtained		0..1
TIME OF THE POSITION						0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	ObtainedOccurrenceDateTime			by the vessel navigation equipment, transmitted by the VMS system on-board of the vessel. e.g. 2008-10- 31T15:07:38Z (milliseconds can be provided optionally). Note: should be the same DateTime value as that of the Start of the Inspection		
PORT	IS_Report/ ISRItemCharacteristic /TypeCode= "PORT_OF_INSPECTION" +FLUX_Location / TypeCode ="LOCATION" +ID	Identifier	The port in which the vessel is being inspected, if any	FLUX_Location: listID="ISR_AREA_TYPE" ID: schemeID="LOCATION"	M3 - 7. LOCATION OF THE PORT	0..1
DESIGNATED?	IS_Report/ ISRItemCharacteristic /TypeCode= "DESIGNATED_PORT" +ValueIndicator	Indicator	Whether the location is designated or not, as appreciated by the inspector: Y/N	Yes/No	M3 - 8. DESIGNATED PORT	0..1
LAST PORT OF CALL	IS_Report/ ISRItemCharacteristic /TypeCode= "LAST_PORT_OF_CALL"	Association	Information about the last call in port by the Inspected Vessel	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M3 - 42. LAST PORT OF CALL DETAILS	0..1
PORT	IS_Report/ ISRItemCharacteristic /TypeCode= "LAST_PORT_OF_CALL" +FLUX_Location / TypeCode ="LOCATION"/ ID	Identifier	The port in which the inspected vessel last called	FLUX_Location: listID="ISR_AREA_TYPE" ID: schemeID="LOCATION"	M3 - 42.PORT	0..1
DATE	IS_Report/ ISRItemCharacteristic /TypeCode= "LAST_PORT_OF_CALL" +Value .DateTime	DateTime	The date of the last calling in port of the inspected vessel	The UTC date according to ISO 8601 format. e.g. 2008-10- 31Z. Use 00:00:00Z to indicate only the date.	M3 - 42.DATE	0..1
OWNER	IS_Report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER"	Association Code	Details about the vessel owner	listID="FLUX_CONTACT_ROLE" +value="OWNER"	M3 - 19. OWNER DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Name	Text	The name of the legal entity owning the vessel		M3 - 19. NAME	0..1
PERSON NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text	The given name and family name (at least) of the vessel owner	Given Name and Family name are mandatory	M3 - 19. NAME	0..1
NATIONALITY	IS_Report / ContactParty / Nationality_Country	Identifier	The country of nationality of the vessel owner	schemeID="TERRITORY" +value (Country ISO3 CODE)	M3 - 19. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_ Transport Means / ContactParty / Structured_Address	Association	The full address of the vessel owner		M3 - 19. ADDRESS	0..1
BENEFICIAL OWNER	IS_Report / Vessel_ Transport Means /RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="BENEFICIAL_OWNER"	Association Code	Details about the vessel beneficial owner	listID="FLUX_CONTACT_ROLE" +value="BENEFICIAL_OWNER"	M3 - 20. BENEFICIAL OWNER DETAILS	0..n
PERSON NAME	IS_Report / ContactParty / Contact_Person / Given Name	Text Text	The given name and family name (at least) of the vessel beneficial owner	Given Name and Family name are mandatory	M3 - 20. NAME	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text				
NATIONALITY	IS_Report / ContactParty / Nationality_Country	Identifier	The country of nationality of the vessel beneficial owner	schemeID="TERRITORY" +value (Country ISO3 CODE)	M3 - 20. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_ Transport Means / ContactParty / Structured_Address	Association	The full address of the vessel beneficial owner		M3 - 20. ADDRESS	0..1
CHARTERER	IS_Report / Vessel_ Transport Means / ContactParty / RoleCode="CHARTERER"	Association Code	Details about the vessel charterer	listID="FLUX_CONTACT_ROLE" +value="CHARTERER"	M3 - 21. CHARTERER DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Name	Text	The name of the legal entity chartering the vessel		M3 - 21. NAME	0..1
PERSON NAME	IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Middle Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the vessel charterer	Given Name and Family name are mandatory	M3 - 21. NAME	0..1
NATIONALITY	IS_Report / Vessel_ Transport Means / ContactParty / Nationality_Country	Identifier	The country of nationality of the vessel charterer	schemeID="TERRITORY" +value (Country ISO3 CODE)	M3 - 21. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_ Transport Means / ContactParty / Structured_Address	Association	The full address of the vessel charterer		M3 - 21. ADDRESS	0..1
AGENT	IS_Report / Vessel_ Transport Means / ContactParty / RoleCode="AGENT"	Association Code	Details about the vessel agent	listID="FLUX_CONTACT_ROLE" +value="AGENT"	M3 - 22. AGENT DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / Vessel_ Transport Means / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Name	Text	The name of the legal entity serving as agent for the vessel		M3 - 22. NAME	0..1
PERSON NAME	IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person /	Text Text Text Text	The given name and family name of the vessel agent	Given Name and Family name are mandatory	M3 - 22. NAME	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	Middle Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Name Suffix					
NATIONALITY	IS_Report / Vessel_ Transport Means / ContactParty / Nationality_ Country	Identifier	The country of nationality of the vessel agent	schemeID="TERRITORY" +value (Country ISO3 CODE)	M3 - 22. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_ Transport Means / ContactParty / Structured_ Address	Association	The full address of the vessel agent		M3 - 22. ADDRESS	0..1
MASTER	IS_Report / Vessel_ Transport Means / ContactParty / RoleCode="MASTER"	Association Code	Details about the vessel master	listID="FLUX_CONTACT_ROLE" +value="MASTER"	M3 - 23. MASTER DETAILS	1
PERSON NAME	IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Given Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Middle Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name Prefix IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Family Name IS_Report / Vessel_ Transport Means / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the vessel master	Given Name and Family name are mandatory	M3 - 23. NAME	1
NATIONALITY	IS_Report / Vessel_ Transport Means / ContactParty / Nationality_ Country	Identifier	The country of nationality of the vessel master	schemeID="TERRITORY" +value (Country ISO3 CODE)	M3 - 23. NATIONALITY	0..1
ADDRESS	IS_Report / Vessel_ Transport Means / ContactParty / Structured_ Address	Association	The full address of the vessel master		M3 - 23. ADDRESS	0..1

5 DOCUMENTS & AUTHORISATIONS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
DOCUMENTS CHECK	IS_Report / ISRItemCharacteristic / TypeCode= "DOCUMENTS_CHECKED" +CheckInspectionCode	Code	Whether the vessel's documents were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific documents are indicated in the following items.		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
CERTIFICATE OF REGISTRY ID CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CERTIF_REGISTRY_CHECK" +CheckInspectionCode +ValueIndicator +Value (text)	Code Indicator Text	Whether the vessel's certificate of Registry ID was checked (Yes, No, N/A) and whether it was on board (Yes, No). For third countries vessels, details to be reported as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 15. CERTIFICATE OF REGISTRY ID	0..1
FISHING LICENCE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "FISHING_LICENCE_CHECKED" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the Fishing licence details were checked (Yes, No, N/A) and if yes, was it valid (Yes/No). For third countries vessels, FISHING LICENCE DETAILS to be reported as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the fishing license was valid ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 30. FISHING LICENCE DETAILS	0..1
FISHING LICENCE DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode= "FISHING_LICENCE_CHECKED" +Value (text)	Text	Details about fishing license	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1
FISHING AUTHORISATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "FISHING_AUTHORISATION_CHECKED" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the Fishing authorisation details were checked (Yes, No, N/A) and if yes, was it valid (Yes/No). For third countries vessels, FISHING AUTHORISATION DETAILS to be reported as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator indicates whether the fishing authorisation was valid ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 31. FISHING AUTHORISATION DETAILS	0..1
FISHING AUTHORISATION DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode= "FISHING_AUTHORISATION_CHECKED" +Value (text)	Text	Details about fishing authorisation	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1
PORT ACCESS AND LANDING AUTHORISATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "PORT_LANDING_AUTH_CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the Port access and landing authorisation was checked (Yes/No/NA) and if yes, whether it is on board and valid (YES/NO). If yes, PORT ACCESS AND LANDING AUTHORISATION CHECK in Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 32. PORT ACCESS AND LANDING AUTHORISATION DETAILS	0..1
PORT ACCESS AND LANDING AUTHORISATION DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode= "PORT_LANDING_AUTH_CHECK" +Value (text)	Text	If PORT ACCESS AND LANDING AUTHORISATION CHECK is YES, report the reference number, date, time, place authorised and issuing authority.	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"		0..1
PAPER FISHING LOGBOOK CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode	Code	Whether the vessel's paper fishing logbook was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about the paper logbook are indicated in the following items.		0..1
NUMBER OF PAPER FISHING LOG SHEET	IS_Report / ISRIItemCharacteristic / TypeCode=	Numeric	Total number of paper fishing log sheet	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M3 - 33. NUMBER OF PAPER FISHING LOG SHEET	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	"NB_OF_PAPER_FISHING_LOG_SHEET" +Value. Quantity					
FIRST LOG SHEET NUMBER	IS_Report / ISRIItemCharacteristic / TypeCode= "FIRST_LOG_SHEET_NUMBER" +Value (text)	Text	The number of the first log sheet in the logbook	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" for Union vessels, in ISO alpha-3 country codes +7 figures		0..1
LAST LOG SHEET NUMBER	IS_Report / ISRIItemCharacteristic / TypeCode= "LAST_LOG_SHEET_NUMBER" +Value (text)	Text	The number of the last log sheet in the logbook	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" for Union vessels, in ISO alpha-3 country codes +7 figures		0..1
ELECTRONIC FISHING LOGBOOK CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "E_LOGBOOK_REFERENCE_CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the sending and acknowledgement of the electronic fishing logbook was checked (Yes, No, N/A) and if Yes, result of the check (Yes, No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
ELECTRONIC FISHING LOGBOOK REFERENCE	IS_Report / ISRIItemCharacteristic / TypeCode= "ELECTRONIC_LOGBOOK_REFERENCE" +Value (text)	Code Text	The Unique fishing trip identifier, if available	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M3 - 34. E-FISHING LOGBOOK REFERENCE	0..1
PRIOR NOTIFICATION REFERENCE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "PRIOR_NOTIFICATION_REF_CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator	Whether the sending of prior notification was checked (Yes, No, N/A) and if Yes, did the vessel send any notification prior to calling in port (Yes, No).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the Port State Measures Agreement	M3 - 35. PRIOR NOTIFICATION REFERENCE	0..1
PURPOSE OF PRIOR NOTIFICATION	IS_Report / ISRIItemCharacteristic / TypeCode= "PURPOSE_OF_PRIOR_NOTIFICATION" +ValueCode	Code	The purpose indicated in the prior notification	listID="FA_REASON_ARRIVAL"	M3 - 36. PURPOSE OF PRIOR NOTIFICATION	0..1
STOWAGE PLAN CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "STOWAGE_PLAN_CHECKED" +CheckInspectionCode	Code	Whether the stowage plan was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 38. STOWAGE PLAN	0..1
FISH ROOM CERTIFICATE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "FISH_ROOM_CERTIFICATE_CHECKED" +checked. Code	Code	Whether the fish room certificate was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 37. FISH ROOM CERTIFICATE	0..1
ULLAGE TABLES FOR REFRIGERATED SEA WATER TANKS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "ULLAGE_TABLES_TANKS_CHECKED" +CheckInspectionCode	Code	Whether the ullage tables for refrigerated sea water tanks were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 39. ULLAGE TABLES FOR REFRIGERATED SEA WATER TANKS	0..1
CERTIFICATION FOR ON BOARD WEIGHING SYSTEMS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CERTIF_WEIGH_SYSTEMS_CHECK" +CheckInspectionCode	Code	Whether the certification for on board weighing systems check was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 40. CERTIFICATION FOR ON BOARD WEIGHING SYSTEMS	0..1
MEMBERSHIP OF A PRODUCER ORGANISATION	IS_Report / ISRIItemCharacteristic / TypeCode= "MEMBER_PRODUCER_ORGANISATION" +ValueIndicator	Indicator	Whether the vessel is part of a producer organisation. If yes, PRODUCER ORGANISATION REFERENCE as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 46. MEMBERSHIP OF A PRODUCER ORGANISATION	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
PRODUCER ORGANISATION REFERENCE	IS_Report / ISRIItemCharacteristic / TypeCode= "MEMBER_PRODUCER_ORGANISATION" +Value (text)	Text	Name/reference of the producer organisation the vessel is part of	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC"	M3 - 46. MEMBERSHIP OF A PRODUCER ORGANISATION	0..1
OTHER CATCH DOCUMENTATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "OTHER_CATCH_DOCUMENTATION" +CheckInspectionCode	Code Text	Whether other catch documentation has been checked, such as IUU catch certificates (Yes/No/NA). If Yes, details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 59. OTHER CATCH DOCUMENTATION	0..1

6 GEAR

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
GEAR CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "GEAR_CHECKED" +CheckInspectionCode	Code	Whether the fishing gear was checked or not (Yes, No, N/A).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about the fishing gear checks are indicated in the following items.	M3 – 62. GEAR INSPECTION	0..1
EC GAUGE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "EC_GAUGE_CHECKED" +CheckInspectionCode	Code	Whether the EC gauge was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"		0..1
GEAR MARKING CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "GEAR_MARKING_CHECKED"	Code	Whether the gear markings were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"		0..1
GEAR	IS_Report / Vessel_ Transport Means / OnBoardFishingGear /	Association	Details about each inspected fishing gear		M3 – 63. GEAR DETAILS	0..n
GEAR TYPE	IS_Report / Vessel_ Transport Means / OnBoardFishingGear / TypeCode	Code	The type of the gear in FAO 3-alpha codes	listID="GEAR_TYPE"		0..1
GEAR DETAILS CHARACTERISTIC	IS_Report / Vessel_ Transport Means / OnBoardFishingGear / Gear Inspection_ Event / Gear_ Characteristic / TypeCode +Value	Code Value	Characteristics of each inspected gear that were checked	listID="FA_GEAR_CHARACTERISTIC " The data type of the Value depends on the characteristic checked. See dedicated table.		0..n
GEAR ATTACHMENT	IS_Report / Vessel_ Transport Means / OnBoardFishingGear / AttachedFishingGearEquipment /	Association	Details about each attachment of the inspected fishing gear		M3 - 64. Net attachment(s) or device(s) details	0..n
GEAR ATTACHMENT TYPE	IS_Report / Vessel_ Transport Means / OnBoardFishingGear / AttachedFishingGearEquipment / TypeCode	Code	The type of the gear attachment	listID="FA_DEVICE_GEAR_ATTACHMENT"		0..1
GEAR ATTACHMENT CHARACTERISTIC	IS_Report / Vessel_ Transport Means / OnBoardFishingGear / AttachedFishingGearEquipment / Gear Equipment Inspection_ Event / FLUX_ Characteristic / TypeCode	Code Value	Characteristics of each inspected gear attachment that were checked	There is no standard code list for gear attachment characteristic. They shall be report using TypeCode (free code) or Value (text)		0..n

7 CATCH / PRODUCT

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
CATCH ON BOARD CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CATCH_ON_BOARD_CHECKED" +CheckInspectionCode +Value (text)	Code Text	Whether the catch on board the inspected vessel was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific catch-related checks are indicated in the following items.	M3 - 44. CATCH INSPECTION	0..1
CATCH OFFLOADED CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CATCH_OFFLOADED_CHECKED" +CheckInspectionCode	Code Text	Whether the catch offloaded by the inspected vessel was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific catch-related checks are indicated in the following items.	M3 - 44. CATCH INSPECTION	0..1
TRANSHIPMENT DETAILS FOR CATCHES RECEIVED FROM OTHER FISHING VESSELS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "TRX_CATCHES_OTH_VESSELS_CHECK" +CheckInspectionCode	Code Text	Whether the transshipment details for catches received by the inspected vessel were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific catch-related checks are indicated in the following items.	M3 - 55. TRANSHIPMENT DETAILS FOR CATCHES RECEIVED FROM OTHER FISHING VESSEL	0..1
SEPARATE REGISTRATION OF UNDERSIZED FISH CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "SEP_REG_UNDERSIZED_CHECK" +CheckInspectionCode	Code Text	Whether the separate registration of undersize fish was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 47. SEPARATE REGISTRATION OF UNDERSIZED FISH	0..1
MARGIN OF TOLERANCE PER SPECIES CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "MARGIN_TOL_SPECIES_CHECK" +CheckInspectionCode	Code Text	Whether the margin of tolerance per species was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 46. MARGIN OF TOLERANCE	0..1
MINIMUM CONSERVATION REFERENCE SIZE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "MIN_REFERENCE_SIZE_CHECK" +CheckInspectionCode	Code Text	Whether the minimum conservation size was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 49. MINIMUM CONSERVATION REFERENCE SIZE CHECKED	0..1
LABELLING CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "LABELLING_CHECKED" +CheckInspectionCode	Code Text	Whether the labelling of catches has been checked (Yes/No/NA). If yes, details in Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 50. LABELLING	0..1
WEIGHING CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CATCH_WEIGHING_CHECKED" +CheckInspectionCode	Code Text	Whether the catch weighing was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 51. WEIGHING CHECK	0..1
BOX/CONTAINER COUNT CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "BOX_CONTAINER_COUNT_CHECKED" +CheckInspectionCode +Value (text)	Code Text	Whether the box/container count was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 51. BOX/CONTAINER COUNT	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SAMPLING ON DISCHARGE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "SAMPLING_ON_DISCHARGE_CHECKED" +CheckInspectionCode +Value (text)	Code Text	Whether the sampling on discharge was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 51. SAMPLING CHECK ON DISCHARGE	0..1
HOLD AFTER DISCHARGE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "HOLD_AFTER_DISCHARGE_CHECKED" +CheckInspectionCode +Value (text)	Code Text	Whether the hold was checked after discharge or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 52. HOLD CHECK AFTER DISCHARGE	0..1
CATCH WEIGHT ON LANDING CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CATCH_WEIGHT_ON_LANDING_CHECK" +CheckInspectionCode +Value (text)	Code Text	Whether the catch weighing was checked on landing or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M3 - 53. CATCH WEIGHING ON LANDING	0..1
CATCH ON BOARD	IS_Report / Vessel_ Transport Means / FA_Catch / TypeCode= "ONBOARD"	Association	The catch retained on board the vessel at the time of the inspection, as per the inspectors' estimations/verifications. One record per catch/product inspected. If no catch was inspected, use the logbook information	listID="ISR_CATCH_TYPE"	M3 - 45. CATCH ON BOARD DETAILS	0..n
SPECIES	IS_Report / Vessel_ Transport Means / FA_Catch / SpeciesCode	Code	The FAO 3-alpha code for the species	listID="FAO_SPECIES"	M3 - 45. SPECIES	0..1
WEIGHT	IS_Report / Vessel_ Transport Means / FA_Catch / WeightMeasure	Measure	The kilogram live weight equivalent of the species/product		M3 - 45. WEIGHT	1
NUMBER OF FISHES	IS_Report / Vessel_ Transport Means / FA_Catch / UnitQuantity	Quantity	The number of fish of the species/product			0..1
FISH PRESENTATION	IS_Report / Vessel_ Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish presentation in FAO-3 alpha code (e.g.: whole, gutted...)	listID="FISH_PRESENTATION"		0..1
PRESERVATION FORM	IS_Report / Vessel_ Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish preservation in FAO-3 alpha code (e.g.: fresh, frozen...)	listID="FISH_PRESERVATION"		0..1
CATCH AREA	IS_Report / Vessel_ Transport Means / FA_Catch / FLUX_Location /TypeCode= "AREA" /ID	Code Identifier	The fishing, statistical or management area the species was captured in	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M3 - 45. CATCH AREA	0..n
UNDERSIZE FISH	IS_Report / Vessel_ Transport Means / FA_Catch / Specified. Size_Distribution / ClassCode	Code	The under/over legal size code.	listID="FISH_SIZE_CLASS" code for under/over size: LSC (legal), BMS (undersize)		0..1
CATCH OFFLOADED	IS_Report / Vessel_ Transport Means / FA_Catch / Type = "UNLOADED"	Association	The catch unloaded by the inspected vessel , as per the inspectors' estimations/verifications. One record per catch/product inspected. If no catch was inspected, use the logbook information	listID="ISR_CATCH_TYPE"		0..n
SPECIES	IS_Report / Vessel_ Transport Means / FA_Catch / SpeciesCode	Code	The FAO 3-alpha code for the species	listID="FAO_SPECIES"	M3 - 46. SPECIES	0..1
WEIGHT	IS_Report / Vessel_ Transport Means / FA_Catch / WeightMeasure	Measure	The kilogram live weight equivalent of the species/product		M3 - 48. SPECIES	0..1
NUMBER OF FISH	IS_Report / Vessel_ Transport Means / FA_Catch / UnitQuantity	Quantity	The number of fish of the species/product		M3 - 48. WEIGHT	0..1
FISH PRESENTATION	IS_Report / Vessel_ Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish presentation in FAO-3 alpha code (e.g.: whole, gutted...)	listID="FISH_PRESENTATION"		0..1
PRESERVATION FORM	IS_Report / Vessel_ Transport Means / FA_Catch / AAP_Process / TypeCode	Code	The fish preservation form in FAO-3 alpha code (e.g.: fresh, frozen...)	listID="FISH_PRESERVATION"	M3 - 48. PRESENTATION	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
CATCH AREA	IS_Report / Vessel_ Transport Means / FA_Catch / FLUX_Location / TypeCode= "AREA" +/ID	Code Identifier	The fishing, statistical or management area the species was captured in	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M3 - 48. CATCH AREA	0..1
UNDERSIZE FISH	IS_Report / Vessel_ Transport Means / FA_Catch / Specified. Size_Distribution / ClassCode	Code	The under/over legal size code.	listID="FISH_SIZE_CLASS" code for under/over size: LSC (legal), BMS (undersize)	M3 - 48. UNDERSIZE FISH	0..1
CATCH RECEIVED FROM OTHER FISHING VESSELS	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / FA_Catch / TypeCode= "LOADED"	Association	The catch received from the donor vessel during the transshipment, as per the inspectors' estimations/verifications. One record per catch/product inspected. If no catch was inspected, use the logbook information	listID="ISR_CATCH_TYPE"	M3 - 58. CATCH TRANSHIPPED DETAILS	0..n
SPECIES	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / FA_Catch / SpeciesCode	Code	The FAO 3-alpha code for the species	listID="FAO_SPECIES"	M3 - 58. SPECIES	0..1
WEIGHT	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / FA_Catch / WeightMeasure	Measure	The kilogram live weight equivalent of the species/product		M3 - 58. WEIGHT	0..1
NUMBER OF FISH	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / FA_Catch / UnitQuantity	Quantity	The number of fish of the species/product			0..1
FISH PRESENTATION	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / FA_Catch / AAP_Process / TypeCode	Code	The fish presentation in FAO-3 alpha code (e.g.: whole, gutted...)	listID="FISH_PRESENTATION"	M3 - 58. PRESENTATION	0..1
PRESERVATION FORM	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / FA_Catch / AAP_Process / TypeCode	Code	The fish preservation form in FAO-3 alpha code (e.g.: fresh, frozen...)	listID="FISH_PRESERVATION"	M3 - 58. PRESENTATION	0..1
CATCH AREA	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / FA_Catch / Specified. FLUX_Location / TypeCode.Value	Code Identifier	The fishing, statistical or management area the species was captured in	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M3 - 58. CATCH AREA	0..n
UNDERSIZE FISH	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / FA_Catch / Specified. Size_Distribution / ClassCode	Code	The under/over legal size code.	listID="FISH_SIZE_CLASS" code for under/over size: LSC (legal), BMS (undersize)	M3 - 58. UNDERSIZE FISH	0..1
DONOR FISHING VESSEL(S)	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / Vessel_ Transport Means / RoleCode="DONOR_VESSEL"	Association Code	Details about the donor vessel(s) from which this catch originates		M3 - 56. DONOR FISHING VESSEL DETAILS	0..n
NAME	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / Vessel_ Transport Means / Name	Text			M3 - 56. NAME	0..1
EXTERNAL REGISTRATION NUMBER	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / Vessel_ Transport Means / ID	Identifier	External identification number of the vessel	SchemeID = "EXT_MARK" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M3 - 56. EXTERNAL REGISTRATION NUMBER	0..1
FLAG	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / Vessel_ Transport Means / Registration Vessel_Country / ID	Identifier	The Flag State of registration of the donor vessel	schemeID="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.	M3 - 56. INTERNATIONAL RADIO CALL SIGN	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
VESSEL TYPE	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / Vessel_Transport Means / Type	Code	The type of vessel (such as stern trawler, longliner, support...) using the FAO International Standard Statistical Classification of Fishery Vessels (ISSCFV)	listID="VESSEL_TYPE"	M3 - 56. INTERNATIONAL MARITIME ORGANISATION NUMBER	0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / Vessel_Transport Means / ID	Identifier	International Radio Call Sign of the vessel	SchemeID = "IRCS" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M3 - 56. COMMUNITY FLEET REGISTER NUMBER	0..1
IMO NUMBER	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / Vessel_Transport Means / ID	Identifier	International Maritime Organisation number of the vessel, if any	SchemeID = "IMO" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	M3 - 56. FLAG	0..1
COMMUNITY FLEET REGISTER NUMBER	IS_Report / Specified. Fishing_Activity / TypeCode= "TRANSHIPMENT" / Vessel_Transport Means / ID	Identifier	Community Fleet Register Number, if the vessel is an EU vessel	SchemeID = "CFR" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1

8 OBSERVATIONS AND COMMENTS

See section 7.1.11.

9 SUSPECTED INFRINGEMENTS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SUSPECTED INFRINGEMENT OBSERVED	IS_Report / ISRItemCharacteristic / TypeCode= "SUSPECTED_INFRINGEMENT_OBS"	Indicator Text	Whether a suspected infringement has been observed (Yes/No +Optional text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
SUSPECTED INFRINGEMENT	IS_Report / ISRInfringementSuspicion	Association	Suspected infringements identified. One element per suspected infringement (See section 7.1.19).			0..n

10 INSPECTION CLOSURE

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
ACTIONS TAKEN	IS_Report / ISRItemCharacteristic / TypeCode= "ACTIONS_TAKEN" +ValueIndicator	Indicator	Whether any actions were taken following the inspection (Yes/No). Report immediate enforcement and conservatory measures taken such as seals, seizure of the vessel or the transport vehicle, of the catch or the products, of the gear, rerouting of the vessel to a port , etc.	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
ACTIONS TAKEN DETAILS	IS_Report / ISRItemCharacteristic / TypeCode= "ACTIONS_TAKEN" +Value (text)	Text	Details of actions taken (mandatory if Actions taken)		M3 - 71. ACTION TAKEN	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTOR IN CHARGE SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode= "INSPECTOR_IN_CHARGE_SIGNATURE" +ValueIndicator	Indicator	Whether the inspection report was signed by the inspector in charge (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 72. INSPECTORS' SIGNATURE	0..1
MASTER SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode= "MASTER_SIGNATURE" +ValueIndicator	Indicator	Whether the inspection report was signed by the vessel master (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M3 - 73. MASTER'S SIGNATURE	0..1

7.1.25.4. Inspection of market and premises (Module 4)

1 GENERAL REFERENCE DATA

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTION REPORT REFERENCE (HUMAN READABLE)	IS_Report / ID schemeID=EU_ISR_ID	Identifier	The business human readable identifier of this ISR document. Starting with the ISO-3 code of the country defining and delivering the identifier, followed by a hyphen, followed by ISR, followed by a hyphen, followed by country specific unique ID of at most 20 alphanumeric characters. [ISO-3 country code]-ISR-[country specific unique ID]	schemeID="EU_ISR_ID" +Value	M4 - 1. INSPECTION REPORT REFERENCE	1
INSPECTION REPORT REFERENCE (UUID)	IS_Report / IncludedFLUX Report_Document/ID	Association	The document details for this FLUX IS report.	Common entity shared by all FLUX domain reports. See data elements and attributes in Section 7.1.2.		1
REPORT DATE	IS_Report / Reference.DateTime	DateTime	The reference date for this IS Report.	Defined by the Report producer (could be start or end of the inspection/sighting)		1
REPORT TYPE	IS_Report / TypeCode	Code	The type of ISR report: inspection at sea, in port, surveillance, etc.	listID="ISR_REPORT_TYPE" +Code		1
REPORT CONTEXT	IS_Report / ContextTypeCode	Code	A code specifying a context type for this IS report, i.e. legal framework under which the inspection is performed	listID="ISR_REPORT_CONTEXT" +Code		1..n
INSPECTION PROGRAMME	IS_Report / ISItemCharacteristic / TypeCode= "INSPECTION_PROGRAMME" +ValueCode	Text	A code specifying the Inspection programme the inspection is part of.	ValueCode in listID="ISR_INSPECTION_PROGRAMME"		0..1
CONTROL PARTY	IS_Report / ContactParty / RoleCode=«CONTROL_PARTY»+ID	Code Identifier	The Control party (Member State, EFCA...) producing the IS report, i.e. the CP in charge of the IS.	listID="FLUX_CONTACT_ROLE" +value="CONTROL_PARTY" schemeID="ISR_CONTROL_PARTY" +value	M4 - 2. MEMBER STATE	1
CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode= "CONTROL_AUTHORITY" +Name	Text	The name of the Control Authority conducting the inspection.	Freely provided by the report producer	M4 - 2. INSPECTION AUTHORITY	0..1
DATE OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode= "INSPECTION"	Code DateTime	The date and time of the start of the inspection. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="INSPECTION" e.g. 2008-10-31T15:07:38Z	M4 - 3. DATE OF THE INSPECTION - START	1
TIME OF THE INSPECTION - START	+OccurrenceDelimitedPeriod / Start.DateTime				M4 - 4. TIME OF THE INSPECTION - START	1
DATE OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode= "INSPECTION"	Code DateTime	The date and time of the end of the inspection. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="INSPECTION" e.g. 2008-10-31T15:07:38Z	M4 - 5. DATE OF THE INSPECTION - FINISH	0..1
TIME OF THE INSPECTION - FINISH	+OccurrenceDelimitedPeriod / End.DateTime				M4 - 6. TIME OF THE INSPECTION - FINISH	0..1

2 INSPECTION MEANS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE"	Association Code	Details about the inspector in charge of the inspection	listID="FLUX_CONTACT_ROLE" +value="INSPECTOR_IN_CHARGE"	M4 - 8. INSPECTOR IN CHARGE	0..1
PERSON NAME	IS_Report / ContactParty / Contact_Person / Given Name	Text	The given name and family name of the Inspector in charge	Given Name and Family name are mandatory	M4 - 8. NAME	0..1
	IS_Report / ContactParty / Contact_Person / Middle Name	Text				
		Text				

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix					
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_Report / ContactParty / Nationality_Country	Identifier	The country of nationality of the Inspector in charge	schemeID="TERRITORY" +value (Country ISO3 CODE)	M4 - 9. NATIONALITY	0..1
SERVICE CARD PRESENTED	IS_Report / ISRItemCharacteristic / TypeCode="INSPECT_CHARGE_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the Inspector in charge has presented his/her service card	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
SECOND INSPECTOR	IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR"	Association Code	Details about the second inspector present for the inspection	listID="FLUX_CONTACT_ROLE" +value="SECOND_INSPECTOR"	M4 - 10. INSPECTOR	0..n
PERSON NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the second Inspector	Given Name and Family name are mandatory	M4 - 10. NAME	0..1
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_report / ContactParty / Nationality_Country	Identifier	The country of nationality of the second Inspector	schemeID="TERRITORY" +value (Country ISO3 CODE)	M4 - 11. NATIONALITY	0..1
SERVICE CARD PRESENTED	IS_Report / ISRItemCharacteristic / TypeCode="SECOND_INSPECT_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the second inspector has presented his/her service card	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
OTHER INSPECTORS	IS_report / ContactParty / RoleCode ="OTHER_INSPECTOR"	Association Code	Details about the other inspectors present for the inspection	listID="FLUX_CONTACT_ROLE" +value="OTHER_INSPECTOR"	M4 - 10. INSPECTOR	0..n
PERSON NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the other Inspector	Given Name and Family name are mandatory	M4 - 10. NAME	0..1
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
NATIONALITY	IS_Report / ContactParty / Nationality_Country	Identifier	The country of nationality of the other Inspector	schemeID="TERRITORY" +value (Country ISO3 CODE)	M4 - 11. NATIONALITY	0..1
OTHER INSPECTORS SERVICE CARD PRESENTED	IS_Report / ISRIItemCharacteristic / TypeCode="OTHER_INSPECT_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the other inspectors have ALL presented their service card	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" Note: value is Yes if all cards have been presented, No if at least one hasn't		0..1

3 PRE-INSPECTION

None

4 INSPECTED MARKET OR PREMISES

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
LOCATION OF THE PORT (name in the EU)	IS_Report / ISRIItemCharacteristic / TypeCode="PORT_OF_INSPECTION" +FLUX_Location / TypeCode="LOCATION" +Identifier	Identifier	The port in which the market or premises is being inspected, if any	FLUX_Location: listID="ISR_AREA_TYPE" ID: schemeID="LOCATION"	M4 - 7. LOCATION OF THE PORT	0..1
INSPECTED MARKET OR PREMISES	IS_Report / ContactParty / RoleCode="INSPECTED_MARKET_OR_PREMISES"	Association Code	Details about the inspected market or premises	listID="FLUX_CONTACT_ROLE" +value="INSPECTED_MARKET_OR_PREMISES"	M4 - 13. MARKET OR PREMISES INSPECTION	1
NAME	IS_Report / ContactParty / RoleCode="INSPECTED_MARKET_OR_PREMISES" +Name	Text	Name of the inspected market or premises		M4 - 13. NAME	1
ADDRESS	IS_Report / ContactParty / RoleCode="INSPECTED_MARKET_OR_PREMISES" +Structured_Address	Association	The full address of the inspected market or premises		M4 - 13. ADDRESS	1
MARKET OWNER	IS_Report / ContactParty / RoleCode="MARKET_OWNER"	Association Code	The owner of the market or premises	can be a legal entity or person (contact party or contact person)	M4 - 14. OWNER DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / ContactParty / Name	Text	The name of the legal entity owning the market or premises			0..1
PERSON NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text	The given name and family name (at least) of the market owner	Given Name and Family name are mandatory	M4 - 14. NAME	0..1
NATIONALITY	IS_Report / ContactParty / Nationality_Country	Identifier	The country of nationality of the market or premises owner	schemeID="TERRITORY" +value (Country ISO3 CODE)	M4 - 14. NATIONALITY	0..1
ADDRESS	IS_Report / ContactParty / RoleCode="MARKET_OWNER" +Structured_Address	Association	The full address of the market or premises owner		M4 - 14. ADDRESS	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
MARKET OWNER'S REPRESENTATIVE	ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE"	Association Code	Details about the market or premises owner's representative	listID="FLUX_CONTACT_ROLE" +value="OWNER"	M4 - 15. OWNER REPRESENTATIVE DETAILS	0..n
PERSON NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name (at least) of the market or premises owner's representative	Given Name and Family name are mandatory	M4 - 15. NAME	0..1
NATIONALITY	IS_Report / ContactParty / Nationality_Country	Identifier	The country of nationality of the market or premises owner's representative	schemeID="TERRITORY" +value (Country ISO3 CODE)	M4 - 15. NATIONALITY	0..1
ADDRESS	IS_Report / ContactParty / RoleCode="MARKET_OWNER" +Structured_Address	Association	The full address of the market or premises owner's representative		M4 - 15. ADDRESS	0..1

5 DOCUMENTS & AUTHORISATIONS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
DOCUMENTS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="DOCUMENTS_CHECKED" +CheckInspectionCode, Value (text)	Code Text	Whether the inspected market or premises documents related to fisheries products were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific documents are indicated in the following items.	M4 - 27. INSPECTION OF DOCUMENTS RELATED TO INSPECTED FISHERIES PRODUCT	0..1
LANDING DECLARATION CHECK	IS_Report / ISRIItemCharacteristic /TypeCode="LANDING_DECLARATION_CHECKED", +CheckInspectionCode, Value (text)	Code Text	Whether the landing declarations were checked or not (Yes, No, N/A). Optional details as Value (text).	Relates to the inspection as a whole, check +details	M4 - 28. LANDING DECLARATION DETAILS	0..1
TAKE-OVER DECLARATION CHECK	IS_Report / ISRIItemCharacteristic /TypeCode="TAKEOVER_DECLARATION_CHECKED", +CheckInspectionCode, Value (text)	Code Text	Whether the take-over declarations were checked or not (Yes, No, N/A). Optional details as Value (text).	Relates to the inspection as a whole, check +details	M4 - 29. TAKE-OVER DECLARATION DETAILS	0..1
TRANSPORT DOCUMENTS CHECK	IS_Report / ISRIItemCharacteristic /TypeCode="TRANSPORT_DOCUMENT_CHECKED", +CheckInspectionCode, Value (text)	Code Text	Whether the transport documents were checked or not (Yes, No, N/A). Optional details as Value (text).	Relates to the inspection as a whole, check +details	M4 - 30. TRANSPORT DOCUMENT DETAILS	0..1
SUPPLIER INVOICES AND SALES NOTES CHECK	IS_Report / ISRIItemCharacteristic /TypeCode="SUPPLIER_INVOICES_CHECK", +CheckInspectionCode, Value (text)	Code Text	Whether the supplier invoices and sales notes were checked or not (Yes, No, N/A). Optional details as Value (text).	Relates to the inspection as a whole, check +details	M4 - 31. SUPPLIER INVOICES AND SALES NOTES DETAILS	0..1
IUU CATCH CERTIFICATE CHECK	IS_Report / ISRIItemCharacteristic /TypeCode=	Code Text	Whether the IUU catch certificates were checked or not (Yes, No, N/A). Optional details as Value (text).	Relates to the inspection as a whole, check +details	M4 - 32. IUU CATCH CERTIFICATE DETAILS	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	"IUU_CATCH_CERTIFICATE_CHECKED", +CheckInspectionCode, Value (text)					
RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS	IS_Report / ContactParty / RoleCode="RESP_1ST_MARKET_OF_FISH"	Association Code	The legal entities or persons responsible for the first marketing of fisheries products		M4 - 17. RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS	0..n
LEGAL ENTITY NAME	IS_Report / ContactParty / RoleCode="RESP_1ST_MARKET_OF_FISH" +Name	Text	The name of the legal entity RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS		M4 - 17. NAME	0..1
PERSON NAME	IS_Report / ContactParty / RoleCode="RESP_1ST_MARKET_OF_FISH" +Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name (at least) of the person RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS	Given Name and Family name are mandatory	M4 - 17. NAME	0..1
NATIONALITY	IS_Report / ContactParty / RoleCode="RESP_1ST_MARKET_OF_FISH" +Nationality_Country	Identifier	The country of nationality of the RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS	schemeID="TERRITORY" +value (Country ISO3 CODE)	M4 - 17. NATIONALITY	0..1
ADDRESS	IS_Report / ContactParty / RoleCode="RESP_1ST_MARKET_OF_FISH" +Structured_Address	Association	The full address of the RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS		M4 - 17. ADDRESS	0..1
IMPORTER	IS_Report / ContactParty / RoleCode="IMPORTER"			moved back from Inspected premises to Documents inspection as does not pertain ton inspected premises	M4 - 33. IMPORTER DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / ContactParty / RoleCode="IMPORTER" +Name	Text	The name of the legal IMPORTER entity		M4 - 33. NAME	0..1
PERSON NAME	IS_Report / ContactParty / RoleCode="IMPORTER" +Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name (at least) of the IMPORTER person	Given Name and Family name are mandatory	M4 - 33. NAME	0..1
NATIONALITY	IS_Report / ContactParty / RoleCode="IMPORTER" +Nationality_Country	Identifier	The country of nationality of the IMPORTER	schemeID="TERRITORY" +value (Country ISO3 CODE)	M4 - 33. NATIONALITY	0..1
ADDRESS	IS_Report / ContactParty / RoleCode="IMPORTER" +Structured_Address	Association	The full address of the IMPORTER		M4 - 33. ADDRESS	0..1

None

7 CATCH / PRODUCT

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
FISHERIES PRODUCTS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "FISHERIES_PRODUCTS_CHECKED" +CheckInspectionCode +Value (text)	Code Text	Whether the fisheries products were checked or not (Yes, No, N/A). Optional details as Value (text)	for whole inspected premises, not per catch/product. TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific catch-related checks are indicated in the following items.		0..1
MINIMUM CONSERVATION REFERENCE SIZE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "MIN_REFERENCE_SIZE_CHECK" +CheckInspectionCode +Value (text)	Code Text	Whether the minimum conservation size was checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" for whole inspected premises, not per catch/product	M4 - 18. MINIMUM CONSERVATION REFERENCE SIZE CHECKED	0..1
LABELLING FOR TRACEABILITY CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "LABELLING_CHECKED" +CheckInspectionCode +ValueIndicator +Value.Checked	Code Code Text	Whether the labelling of fisheries products has been checked (Yes/No/NA). If yes, was it OK or not (Yes/No). Optional details in Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" for whole inspected premises, not per catch/product	M4 - 19. LABELLING FOR TRACEABILITY	0..1
COMMON MARKETING STANDARDS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "COMM_MARKET_STANDARDS_CHECK" +CheckInspectionCode +ValueIndicator +Value (text)	Code Code Text	Whether the common marketing standards have been checked (Yes/No/NA). If yes, was it OK or not (Yes/No). Optional details in Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M4 - 20. COMMON MARKETING STANDARDS	0..1
SIZE CATEGORIES CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "SIZE_CATEGORIES_CHECKED" +CheckInspectionCode +Value (text)	Code Text	Whether size categories were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" for whole inspected premises, not per catch/product	M4 - 21. SIZE CATEGORIES	0..1
FRESHNESS CATEGORIES CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "FRESHNESS_CATEGORIES_CHECKED" +CheckInspectionCode +Value (text)	Code Text	Whether freshness categories were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" for whole inspected premises, not per catch/product	M4 - 22. FRESHNESS CATEGORIES	0..1
FISHERIES PRODUCTS SUBJECT TO STORAGE MECHANISM CHECK	IS_Report / ISRIItemCharacteristic / TypeCode=	Code Text	Whether FISHERIES PRODUCTS SUBJECT TO STORAGE MECHANISM were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in	M4 - 23. FISHERIES PRODUCTS SUBJECT TO	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	"FISH_PROD_STORAGE_MECH_CHECK" +CheckInspectionCode +Value (text)			listID="ISR_CHECK" for whole inspected premises, not per catch/product	STORAGE MECHANISM INSPECTED	
FISHERIES PRODUCTS WEIGHED BEFORE SALE CHECK	IS_Report / ISRItemCharacteristic / TypeCode= "FISH_PROD_W_BEFR_SALE_CHECK" +CheckInspectionCode +Value (text)	Code Text	Whether FISHERIES PRODUCTS WEIGHED BEFORE SALE were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" for whole inspected premises, not per catch/product	M4 - 24. FISHERIES PRODUCTS WEIGHED BEFORE SALE	0..1
WEIGHING SYSTEMS CALIBRATED AND SEALED CHECK	IS_Report / ISRItemCharacteristic / TypeCode= "WEIGHING_SYSTEM_CHECK" +CheckInspectionCode +Value (text)	Code Text	Whether WEIGHING SYSTEMS CALIBRATED AND SEALED CHECK were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" for whole inspected premises, not per catch/product	M4 - 25. WEIGHING SYSTEMS CALIBRATED AND SEALED	0..1
INSPECTED FISHERIES PRODUCT DETAILS	IS_Report / FA_Catch / TypeCode= "INSPECTED_FISHERIES_PRODUCT"	Association	Details about the inspected fisheries products, as per the inspectors' estimations/verifications. One record per product inspected.	listID="ISR_CATCH_TYPE"	M4 - 16. INSPECTED FISHERIES PRODUCT DETAILS	0..n
SPECIES	IS_Report / FA_Catch / TypeCode= "INSPECTED_FISHERIES_PRODUCT" +SpeciesCode	Code	The FAO 3-alpha code for the species	listID="FAO_SPECIES"	M4 - 16. SPECIES	0..1
WEIGHT	IS_Report / FA_Catch / TypeCode= "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / WeightMeasure	Measure	The kilogram live weight equivalent of the species/product	mandatory quantities in live weight equivalent	M4 - 16. WEIGHT	0..1
NUMBER OF FISH	IS_Report / FA_Catch / TypeCode= "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / UnitQuantity	Quantity	The number of fish of the species/product	optional		0..1
FISH PRESENTATION	IS_Report / FA_Catch / TypeCode= "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	Code	The fish presentation in FAO-3 alpha code (e.g.: whole, gutted...)	listID="FISH_PRESENTATION"	M4 - 16. FISH PRESENTATION	0..1
PRESERVATION FORM	IS_Report / FA_Catch / TypeCode= "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	Code	The fish preservation form in FAO-3 alpha code (e.g.: fresh, frozen...)	listID="FISH_PRESERVATION"		0..1
CATCH AREA	IS_Report / FA_Catch / TypeCode= "INSPECTED_FISHERIES_PRODUCT" +/ FLUX_Location / TypeCode= "AREA" +ID	Code Identifier	The fishing, statistical or management area the specie/product was captured in	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M4 - 16. CATCH AREA	0..n
UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode= "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	Code	The under/over legal size code.	listID="FISH_SIZE_CLASS" code for under/over size: LSC (legal), BMS (undersize)	M4 - 16. UNDERSIZE FISH	0..1
ORIGINATING FISHING VESSEL	IS_Report / FA_Catch / Related_Sales_Batch / Specified_AAP_Product / Origin_Fishing_Activity / TypeCode="FISHING_OPERATION"	Association	The vessel(s) from which the product is originated (fishing or carrier)	listID="ISR_VESSEL_ROLE" +value="ORIGINATING_FISHING_VESSEL"	M4 - 16. ORIGINATING VESSEL(S) IDENTIFICATION	0..n

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	+Related. Vessel_ Transport Means / RoleCode="ORIGINATING_FISHING_VESSEL"					
NAME	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_ Transport Means / Name	Text	Name of the vessel as in the national register			0..1
FLAG	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_ Transport Means / Registration Vessel_Country / ID	Identifier	The Flag State of registration of the originating vessel	schemeID="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.		0..1
EXTERNAL REGISTRATION NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_ Transport Means / ID / SchemeID="EXT_MARK"	Identifier	External identification number of the vessel	SchemeID = "EXT_MARK" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_ Transport Means / ID / SchemeID="IRCS"	Identifier	International Radio Call Sign of the vessel	SchemeID = "IRCS" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
IMO NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_ Transport Means / ID / SchemeID="UVI"	Identifier	International Maritime Organisation number of the vessel, if any	SchemeID = "UVI" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
COMMUNITY FLEET REGISTER NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_ Transport Means / ID / schemeID="CFR"	Identifier	Community Fleet Register Number, if the vessel is an EU vessel	SchemeID = "CFR" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1

8 OBSERVATIONS AND COMMENTS

See section 7.1.11.

9 SUSPECTED INFRINGEMENTS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SUSPECTED INFRINGEMENT OBSERVED	IS_Report / ISRIItemCharacteristic / TypeCode= "SUSPECTED_INFRINGEMENT_OBS"	Indicator Text	Whether a suspected infringement has been observed (Yes/No +Optional text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
SUSPECTED INFRINGEMENT	IS_Report / ISRIInfringementSuspicion	Association	Suspected infringements identified. One element per suspected infringement (See section 7.1.19).			0..n

10 INSPECTION CLOSURE

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
ACTIONS TAKEN	IS_Report / ISRIItemCharacteristic / TypeCode= "ACTIONS_TAKEN" +ValueIndicator	Indicator	Whether any actions were taken following the inspection (Yes/No). Report immediate enforcement and conservatory measures taken such as seals, seizure of the vessel or the transport vehicle, of the catch or the products, of the gear, rerouting of the vessel to a port , etc.	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M4 - 37. ACTION(S) TAKEN	0..1
ACTIONS TAKEN DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode= "ACTIONS_TAKEN" +Value (text)	Text	Details of actions taken (mandatory if Actions taken)			0..1
INSPECTOR IN CHARGE SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode= "INSPECTOR_IN_CHARGE_SIGNATURE" +ValueIndicator	Indicator	Whether the inspection report was signed by the inspector in charge (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
OPERATOR / OWNER SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode= "OPERATOR / OWNER SIGNATURE" +ValueIndicator	Indicator	Whether the inspection report was signed by the operator/owner of the market/premises (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1

7.1.25.5. Inspection during transport (Module 5)

1 GENERAL REFERENCE DATA

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTION REPORT REFERENCE (HUMAN READABLE)	IS_Report / ID; schemeID=EU_ISR_ID	Identifier	The business human readable identifier of this ISR document. Starting with the ISO-3 code of the country defining and delivering the identifier, followed by a hyphen, followed by ISR, followed by a hyphen, followed by country specific unique ID of at most 20 alphanumeric characters. [ISO-3 country code]"-ISR-"[country specific unique ID]	schemeID="EU_ISR_ID" +Value	M4 - 1. INSPECTION REPORT REFERENCE	1
INSPECTION REPORT REFERENCE (UUID)	IS_Report / IncludedFLUX Report_Document/ID	Association	The document details for this FLUX IS report.	Common entity shared by all FLUX domain reports. See data elements and attributes in Section 7.1.2.		1
REPORT DATE	IS_Report / Reference.DateTime	DateTime	The reference date for this IS Report.	Defined by the Report producer (could be start or end of the inspection/sighting)		1
REPORT TYPE	IS_Report / TypeCode	Code	The type of ISR report: inspection at sea, in port, surveillance, etc.	listID="ISR_REPORT_TYPE" +Code		1
REPORT CONTEXT	IS_Report / ContextTypeCode	Code	A code specifying a context type for this IS report, i.e. legal framework under which the inspection is performed	listID="ISR_REPORT_CONTEXT" +Code		1..n
INSPECTION PROGRAMME	IS_Report / ISItemCharacteristic / TypeCode="INSPECTION_PROGRAMME" +ValueCode	Code	A code specifying the Inspection programme the inspection is part of.	ValueCode in listID="ISR_INSPECTION_PROGRAMME"		0..1
CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" +ID	Code Identifier	The Control party (Member State, EFCA...) producing the IS report, i.e. the CP in charge of the IS.	listID="FLUX_CONTACT_ROLE" +value="CONTROL_PARTY" schemeID="ISR_CONTROL_PARTY" +value	M4 - 2. MEMBER STATE	1
CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	Text	The name of the Control Authority conducting the inspection.	Freely provided by the report producer	M4 - 2. INSPECTION AUTHORITY	0..1
DATE OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	Code DateTime	The date and time of the start of the inspection. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="INSPECTION" e.g. 2008-10-31T15:07:38Z	M4 - 3. DATE OF THE INSPECTION - START	1
TIME OF THE INSPECTION - START					M4 - 4. TIME OF THE INSPECTION - START	1
DATE OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / End.DateTime	Code DateTime	The date and time of the end of the inspection. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="INSPECTION" e.g. 2008-10-31T15:07:38Z	M4 - 5. DATE OF THE INSPECTION - FINISH	0..1
TIME OF THE INSPECTION - FINISH					M4 - 6. TIME OF THE INSPECTION - FINISH	0..1

2.INSPECTION MEANS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode="INSPECTOR_IN_CHARGE"	Association Code	Details about the inspector in charge of the inspection	listID="FLUX_CONTACT_ROLE" +value="INSPECTOR_IN_CHARGE"		0..1
PERSON NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty /	Text Text	The given name and family name of the Inspector in charge	Given Name and Family name are mandatory	M5 - 8. INSPECTOR IN CHARGE	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text				
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_Report / ContactParty / Nationality_ Country	Identifier	The country of nationality of the Inspector in charge	schemeID="TERRITORY" +value (Country ISO3 CODE)	M5 - 9. NATIONALITY	0..1
SERVICE CARD PRESENTED	IS_Report / ISRItemCharacteristic / TypeCode= "INSPECT_CHARGE_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the Inspector in charge has presented his/her service card	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
SECOND INSPECTOR	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR"	Association Code	Details about the second inspector present for the inspection	listID="FLUX_CONTACT_ROLE" +value="SECOND_INSPECTOR"		0..n
PERSON NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the second Inspector	Given Name and Family name are mandatory	M5 - 10. INSPECTOR	0..1
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1
NATIONALITY	IS_report / ContactParty / Nationality_ Country	Identifier	The country of nationality of the second Inspector	schemeID="TERRITORY" +value (Country ISO3 CODE)	M5 - 11. NATIONALITY	0..1
SERVICE CARD PRESENTED	IS_Report / ISRItemCharacteristic / TypeCode= "SECOND_INSPECT_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the second inspector has presented his/her service card	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
OTHER INSPECTORS	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR"	Association Code	Details about the other inspectors present for the inspection	listID="FLUX_CONTACT_ROLE" +value="OTHER_INSPECTOR"		0..n
NAME	IS_Report / ContactParty / Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name of the other Inspector	Given Name and Family name are mandatory	M5 - 10. INSPECTOR	0..1
ID	IS_Report / ContactParty / ID	Identifier	The Inspector's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
NATIONALITY	IS_Report / ContactParty / Nationality_Country	Identifier	The country of nationality of the other Inspector	schemeID="TERRITORY" +value (Country ISO3 CODE)	M5 - 11. NATIONALITY	0..1
OTHER INSPECTORS SERVICE CARD PRESENTED	IS_Report / ISRIItemCharacteristic / TypeCode="OTHER_INSPECT_CARD_PRESENTED" +ValueIndicator	Indicator	Whether or not the other inspectors have ALL presented their service card	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" Note: value is Yes if all cards have been presented, No if at least one hasn't		0..1

3 PRE-INSPECTION

None.

4 INSPECTED VEHICLE

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
LOCATION OF INSPECTION	IS_Report / ISRIItemCharacteristic / TypeCode="LOCATION_OF_INSPECTIO N" +FLUX_Location / TypeCode="ADDRESS"	association	The location of the vehicle inspection, if it is a physical address	FLUX_Location: schemeID="ADDRESS"	M5 - 7. LOCATION OF INSPECTION (ADDRESS)	0..1
ADDRESS	IS_Report / ISRIItemCharacteristic / TypeCode="LOCATION_OF_INSPECTIO N" +FLUX_Location / TypeCode="ADDRESS" / Physical Structured_Address	association	Physical address of the inspection		M5 - 7. LOCATION OF INSPECTION (ADDRESS)	0..1
LOCATION OF INSPECTION	IS_Report / ISRIItemCharacteristic / TypeCode="LOCATION_OF_INSPECTIO N" +FLUX_Location / TypeCode="POSITION"	association	The location of the vehicle inspection, if it is a geographical position			0..1
LATITUDE	IS_Report / ISRIItemCharacteristic / TypeCode="LOCATION_OF_INSPECTIO N" +FLUX_Location / TypeCode="POSITION" / Physical FLUX_Geographical Coordinate / Latitude.Measure	Measure	The measure of the latitude as an angular distance north or south from the Equator meridian to the meridian of a specific place for this inspection's geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to North of equator. Negative coordinate refers to South.		1
LONGITUDE	IS_Report / ISRIItemCharacteristic / TypeCode="LOCATION_OF_INSPECTIO N" +FLUX_Location / TypeCode="POSITION" / Physical FLUX_Geographical Coordinate / Longitude.Measure	Measure	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this inspection's geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.		1
INSPECTED VEHICLE	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE"	Association Code	Details about the inspected vehicle	listID="ISR_VEHICLE_ROLE" +value="INSPECTED_VEHICLE"	M5 - 13. TARGET VEHICLE DETAILS (TYPE AND NATIONALITY)	1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
VEHICLE TYPE	IS_Report / Vehicle_Transport Means / TypeCode	Code	The type of inspected vehicle	listID="VEHICLE_TYPE"	M5 - 13. TARGET VEHICLE DETAILS (TYPE AND NATIONALITY)	1
COUNTRY OF REGISTRATION	IS_Report / Vehicle_Transport Means / Registration_Country_Identification	Identifier	The country of registration of the vehicle	schemeID="TERRITORY" +value (Country ISO3 CODE)	M5 - 13. NATIONALITY	1
VEHICLE/TRACTOR IDENTIFICATION	IS_Report / Vehicle_Transport Means / ID	Identifier	The registration/plate number of the vehicle or tractor	SchemeID in FLUX_VEHICLE_ID_TYPE	M5 - 14. TRACTOR IDENTIFICATION (REGISTRATION PLATE NUMBER)	1
TRAILER IDENTIFICATION	IS_Report / Vehicle_Transport Means / TransportEquipmentID	Identifier	The registration/plate number of the trailer, if any	SchemeID in FLUX_VEHICLE_ID_TYPE	M5 - 15. TRAILER IDENTIFICATION (REGISTRATION PLATE NUMBER)	0..n
OWNER	IS_Report / Vehicle_Transport Means / Vehicle_Transport Means / ContactParty / RoleCode="OWNER"	Association Code	The owner of the vehicle	Can be a legal entity or person (contact party or contact person)	M5 - 16. OWNER DETAILS	0..n
LEGAL ENTITY NAME	IS_Report / Vehicle_Transport Means / Vehicle_Transport Means / ContactParty / Name	Text	The name of the legal entity owning the vehicle			0..1
PERSON NAME	IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" +Contact_Person / Given Name IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" +Contact_Person / Middle Name IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" +Contact_Person / Family Name Prefix IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" +Contact_Person / Family Name IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" +Contact_Person / Name Suffix	Text Text Text Text	The given name and family name (at least) of the person owning the vehicle	Given Name and Family name are mandatory	M5 - 16. NAME	0..1
NATIONALITY	IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" +Nationality_Country	Identifier	The country of nationality of the vehicle owner	schemeID="TERRITORY" +value (Country ISO3 CODE)	M5 - 16. NATIONALITY	0..1
ADDRESS	IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" +Structured_Address	Association	The full address of the inspected vehicle owner		M5 - 16. ADDRESS	0..1
DRIVER	IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="DRIVER"	Association Code	Details about the vehicle driver at the time of the inspection	listID="FLUX_CONTACT_ROLE" +value="DRIVER"	M5 - 17. DRIVER DETAILS	0..1
PERSON NAME	IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="DRIVER" +Contact_Person / Given Name IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="DRIVER"	Text Text Text Text	The given name and family name of the vehicle driver	Given Name and Family name are mandatory	M5 - 17. NAME	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	+Contact_Person / Middle Name IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="DRIVER" +Contact_Person / Family Name Prefix IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="DRIVER" +Contact_Person / Family Name IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="DRIVER" +Contact_Person / Name Suffix					
NATIONALITY	IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="DRIVER" +Nationality_Country	Identifier	The country of nationality of the vehicle driver	schemeID="TERRITORY" +value (Country ISO3 CODE)	M5 - 17. NATIONALITY	0..1
ADDRESS	IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="DRIVER" +Structured_Address	Association	The full address of the vehicle driver		M5 - 17. ADDRESS	0..1

5 DOCUMENTS & AUTHORISATIONS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
DOCUMENTS RELATED TO FISHERIES PRODUCTS CHECK	IS_Report / ISRItemCharacteristic / TypeCode="DOCS_FISHERIES_PROD_CHECK" +CheckInspectionCode +Value (text)	Code Text	Whether the vehicle documents related to fisheries products were checked or not (Yes, No, N/A). Optional details as Value (text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific documents are indicated in the following items. Relates to the inspection as a whole	M5 - 18. INSPECTION OF DOCUMENTS RELATED TO FISHERIES PRODUCTS	0..1
DESTINATION OF THE VEHICLE CHECK	IS_Report / ISRItemCharacteristic / TypeCode="DESTINATION_VEHICLE_CHECK" +CheckInspectionCode	Code	Whether the vehicle destination was checked or not (Yes, No, N/A).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK"	M5 - 20. DESTINATION OF THE VEHICLE M5 - 41. DESTINATION OF THE VEHICLE	0..1
DESTINATION OF THE VEHICLE	IS_Report / ISRItemCharacteristic / TypeCode="DESTINATION_VEHICLE_CHECK" +CheckInspectionCode="Yes" +FLUX_Location / TypeCode="LOCATION" +Physical structured address	Identifier	The destination of the vehicle (must include at least the State)			0..1
TRANSPORT DOCUMENTS CHECK	IS_Report / ISRItemCharacteristic / TypeCode="TRANSPORT_DOCUMENT_CHECKED", ValueCode	Code Text	Whether the transport documents were checked or not (Yes, No, N/A). Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 21. TRANSPORT DOCUMENT DETAILS M5 - 42. TRANSPORT DOCUMENT DETAILS	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
ELECTRONIC TRANSMISSION OF THE TRANSPORT DOCUMENT TO THE FLAG MEMBER STATE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "ETRANS_DOC_TO_FLAG_STATE_CHECK" +CheckInspectionCode	Code Text	Whether the ELECTRONIC TRANSMISSION OF THE TRANSPORT DOCUMENT TO THE FLAG MEMBER STATE CHECK was checked or not (Yes, No, N/A). If checked, was it done (Yes, No). Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 22. ELECTRONIC TRANSMISSION OF THE TRANSPORT DOCUMENT TO THE FLAG MS M5 - 43. ELECTRONIC TRANSMISSION OF THE TRANSPORT DOCUMENT TO THE FLAG MEMBER STATE	0..1
FISHING LOGBOOK OF THE ORIGINATING VESSEL ATTACHED TO THE TRANSPORT DOCUMENT CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "LOGBOOK_TO_TRANSP_DOC_CHECK" +ValueIndicator	Code Indicator Text	Whether FISHING LOGBOOK OF THE ORIGINATING VESSEL ATTACHED TO THE TRANSPORT DOCUMENT was checked or not (Yes, No, N/A). If checked, were they attached (Yes, No) Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" values of ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the inspection as a whole, check +details	M5 - 23. FISHING LOGBOOK OF THE ORIGINATING VESSEL ATTACHED TO THE TRANSPORT DOCUMENT M5 - 44. FISHING LOGBOOK OF THE ORIGINATING VESSEL ATTACHED TO THE TRANSPORT DOCUMENT	0..1
ELECTRONIC TRANSMISSION OF THE FISHING LOGBOOK OF THE ORIGINATING VESSEL TO THE FLAG MS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "E_LOGBOOK_TRANS_FS_CHECK" +CheckInspectionCode +ValueIndicator +Value (text)	Code Indicator Text	Whether the ELECTRONIC TRANSMISSION OF THE FISHING LOGBOOK OF THE ORIGINATING VESSEL TO THE FLAG MS was checked or not (Yes, No, N/A). If checked, was it done (Yes, No) Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" values of ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the inspection as a whole, check +details	M5 - 24. ELECTRONIC TRANSMISSION OF THE FISHING LOGBOOK OF THE ORIGINATING VESSEL TO THE FLAG MEMBER STATE M5 - 45. ELECTRONIC TRANSMISSION OF THE FISHING LOGBOOK OF THE ORIGINATING VESSEL TO THE FLAG MEMBER STATE	0..1
OTHER CATCH DOCUMENT ATTACHED TO TRANSPORT DOCUMENT (CATCH CERTIFICATE) CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "OTHER_CATCH_DOC_ATTACHED_CHECK" +CheckInspectionCode +ValueIndicator +Value (text)	Code Indicator Text	Whether OTHER CATCH DOCUMENT ATTACHED TO TRANSPORT DOCUMENT (CATCH CERTIFICATE) was checked or not (Yes, No, N/A). If checked, were they attached (Yes, No) Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" values of ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the inspection as a whole, check +details	M5 - 25. OTHER CATCH DOCUMENT ATTACHED TO TRANSPORT DOCUMENT (CATCH CERTIFICATE) M5 - 46. TRANSPORT DOCUMENT RECEIVED BEFORE ARRIVAL BY THE LANDING OR MARKETING MEMBER STATE	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
TRANSPORT DOCUMENT RECEIVED BEFORE ARRIVAL BY THE LANDING OR MARKETING MEMBER STATE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "TRANS_DOC_BEFR_ARRIVAL_CHECK" +CheckInspectionCode +ValueIndicator +Value (text)	Code Indicator Text	Whether TRANSPORT DOCUMENT RECEIVED BEFORE ARRIVAL BY THE LANDING OR MARKETING MEMBER STATE was checked or not (Yes, No, N/A). If checked, were the documents received (Yes, No) Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" values of ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the inspection as a whole, check +details	M5 - 26. TRANSPORT DOCUMENT RECEIVED BEFORE ARRIVAL BY THE LANDING OR MARKETING MEMBER STATE M5 - 46. TRANSPORT DOCUMENT RECEIVED BEFORE ARRIVAL BY THE LANDING OR MARKETING MEMBER STATE	0..1
LANDING DECLARATION DETAILS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "LANDING_DECL_DETAILS_CHECK" +CheckInspectionCode +Value (text)	Code Text	Whether the LANDING DECLARATION DETAILS CHECK were checked or not (Yes, No, N/A). Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 27. LANDING DECLARATION DETAILS M5 - 47. LANDING DECLARATION DETAILS	0..1
VEHICLE OR CONTAINER SEALED CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "VEHICLE_CONTAIN_SEALED_CHECK" +CheckInspectionCode +ValueIndicator +Value (text)	Code Indicator Text	Whether VEHICLE OR CONTAINER SEALED was checked or not (Yes, No, N/A). If checked, were the seals OK (Yes, No) Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the inspection as a whole, check +details	M5 - 35. VEHICLE OR CONTAINER SEALED M5 - 50. VEHICLE OR CONTAINER SEALED	0..1
SEAL DETAILS NOTED ON THE TRANSPORT DOCUMENT CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "SEAL_ON_TRANSPORT_DOC_CHECK" +CheckInspectionCode	Code Indicator Text	Whether SEAL DETAILS NOTED ON THE TRANSPORT DOCUMENT was checked or not (Yes, No, N/A). If checked, were the seal details noted (Yes, No) Optional details as Value (text).	Value of TypeCode in listID="ISR_ITEM_CHARACTERISTIC" Value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the inspection as a whole, check +details	M5 - 36. SEAL DETAILS NOTED ON THE TRANSPORT DOCUMENT M5 - 51. SEAL DETAILS NOTED ON THE TRANSPORT DOCUMENT	0..1
CONTROL AUTHORITY WHO AFFIXED THE SEALS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "CONTROL_AUTH_SEALS_CHECK" +CheckInspectionCode	Code Text	Whether the CONTROL AUTHORITY WHO AFFIXED THE SEALS CHECK was checked or not (Yes, No, N/A). Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 37. INSPECTION AUTHORITY WHO AFFIXED THE SEALS M5 - 52. INSPECTION AUTHORITY WHO AFFIXED THE SEALS	0..1
STATUS OF SEALS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "STATUS_OF_SEALS_CHECKED" +CheckInspectionCode	Code Indicator Text	Whether the STATUS OF SEALS was checked or not (Yes, No, N/A). If checked, were the seal details noted (Yes, No). Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the inspection as a whole, check +details	M5 - 38. STATUS OF SEALS M5 - 53. STATUS OF SEALS	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
TAKE-OVER DECLARATION DETAILS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "TAKEOVER_DECL_DETAILS_CHECK" +CheckInspectionCode	Code Text	Whether the take-over declarations were checked or not (Yes, No, N/A). Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 28. TAKE-OVER DECLARATION DETAILS	0..1
TAKE-OVER CROSS CHECK WITH LANDING DECLARATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "TAKEOVER_LANDING_CROSS-CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator Text	Whether the TAKE-OVER CROSS CHECK WITH LANDING DECLARATION was done or not (Yes, No, N/A). If done, was it OK or not (Yes, No) Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE" Relates to the inspection as a whole, check +details	M5 - 29. TAKE-OVER CROSS CHECK WITH LANDING DECLARATION	0..1
SALES NOTE OR INVOICES DETAILS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "SALES_NOTES_DETAILS_CHECK" +CheckInspectionCode	Code Text	Whether the SALES NOTE OR INVOICES DETAILS were checked or not (Yes, No, N/A). Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 30. SALES NOTE OR INVOICES DETAILS	0..1
LABELLING FOR TRACEABILITY CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "LABEL_TRACEABILITY_CHECK" +CheckInspectionCode	Code Text	Whether the LABELLING FOR TRACEABILITY CHECK was checked or not (Yes, No, N/A). Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 31. LABELLING FOR TRACEABILITY	0..1
SAMPLE WEIGHING OF BOX/CONTAINERS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "SAMPLE_WEIGHING_CHECKED" +CheckInspectionCode +ValueIndicator	Code Indicator Text	Whether the SAMPLE WEIGHING OF BOX/CONTAINERS was checked or not (Yes, No, N/A). If yes, was the weighing done (Yes, No) Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 32. SAMPLE WEIGHING OF BOX/CONTAINERS	0..1
WEIGHING SYSTEMS CALIBRATED AND SEALED CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "WEIGHING_SYSTEM_CHECK" +CheckInspectionCode +ValueIndicator	Code Indicator Text	Whether the WEIGHING SYSTEMS CALIBRATED AND SEALED was checked or not (Yes, No, N/A). If yes, were they calibrated and sealed (Yes, No) Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 33. WEIGHING SYSTEMS CALIBRATED AND SEALED	0..1
WEIGHING RECORD CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "WEIGHING_RECORD_CHECKED" +CheckInspectionCode	Code Text	Whether the WEIGHING RECORD was checked or not (Yes, No, N/A). Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 34. WEIGHING RECORD	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
WEIGHING OF FISHERIES PRODUCTS OBSERVED ON ARRIVAL AT DESTINATION BY MS COMPETENT AUTHORITIES CHECK	IS_Report / ISRIItemCharacteristic / TypeCode= "WEIGH_FISH_PROD_OBS_ARRV_CHEC K" +CheckInspectionCode +ValueIndicator	Code Indicator Text	Whether the WEIGHING OF FISHERIES PRODUCTS OBSERVED ON ARRIVAL AT DESTINATION BY MS COMPETENT AUTHORITIES was checked or not (Yes, No, N/A). If yes, was the observation done (Yes, No) Optional details as Value (text).	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Relates to the inspection as a whole, check +details	M5 - 48. WEIGHING OF FISHERIES PRODUCTS OBSERVED ON ARRIVAL AT DESTINATION BY MEMBER STATE COMPETENT AUTHORITIES	0..1
RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS (PRODUCTS TRANSPORTED BEFORE WEIGHING)	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH"	Association Code	The legal entities or persons responsible for the first marketing of fisheries products		M5 - 49. RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS (PRODUCTS TRANSPORTED BEFORE WEIGHING)	0..n
LEGAL ENTITY NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Name	Text	The name of the legal entity RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS			0..1
PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person / Given Name IS_Report / ContactParty / Contact_Person / Middle Name IS_Report / ContactParty / Contact_Person / Family Name Prefix IS_Report / ContactParty / Contact_Person / Family Name IS_Report / ContactParty / Contact_Person / Name Suffix	Text Text Text Text	The given name and family name (at least) of the person RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS	Given Name and Family name are mandatory	M5 - 49. NAME	0..1
NATIONALITY	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Nationality_Country	Identifier	The country of nationality of the RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS	schemeID="TERRITORY" +value (Country ISO3 CODE)	M5 - 49. NATIONALITY	0..1
ADDRESS	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +RoleCode="MARKET_OWNER" +Structured_Address	Association	The full address of the RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS		M5 - 49. ADDRESS	0..1

6 GEAR

None.

7 CATCH / PRODUCT

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
FISHERIES PRODUCTS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode="FISHERIES_PRODUCTS_CHECKED"+CheckInspectionCode +Value (text)	Code Text	Whether the fisheries products were checked or not (Yes, No, N/A). Optional details as Value (text)	for whole inspected transport, not per catch/product. TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" value of CheckInspectionCode in listID="ISR_CHECK" Details about specific catch-related checks are indicated in the following items.		0..1
FISHERIES PRODUCTS WEIGHED BEFORE TRANSPORT	IS_Report / FA_Catch / TypeCode="FISH_PROD_WEIGHED_BFR_TRANSP"	Association	Details about the inspected fisheries products that were weighed before transport, as per the inspectors' estimations/verifications. One record per product inspected.	listID="ISR_CATCH_TYPE"	M5 - 19. FISHERIES PRODUCTS WEIGHED BEFORE TRANSPORT	0..n
SPECIES	IS_Report / FA_Catch / TypeCode="FISH_PROD_WEIGHED_BFR_TRANSP"+SpeciesCode	Code	The FAO 3-alpha code for the species	listID="FAO_SPECIES"	M5 - 19. SPECIES	0..1
WEIGHT	IS_Report / FA_Catch / TypeCode="FISH_PROD_WEIGHED_BFR_TRANSP"+Sales_Batch / AAP_Product / WeightMeasure	Measure	The kilogram live weight equivalent of the species/product	mandatory quantities in live weight equivalent	M5 - 19. WEIGHT	0..1
NUMBER OF FISH	IS_Report / FA_Catch / TypeCode="FISH_PROD_WEIGHED_BFR_TRANSP"+Sales_Batch / AAP_Product / UnitQuantity	Quantity	The number of fish of the species/product	optional		0..1
FISH PRESENTATION	IS_Report / FA_Catch / TypeCode="FISH_PROD_WEIGHED_BFR_TRANSP"+Sales_Batch / AAP_Product / AAP_Process / TypeCode	CI	The fish presentation in FAO-3 alpha code (e.g.: whole, gutted...)	listID="FISH_PRESENTATION"	M5 - 19. FISH PRESENTATION	0..1
FISH PRESERVATION FORM	IS_Report / FA_Catch / TypeCode="FISH_PROD_WEIGHED_BFR_TRANSP"+Sales_Batch / AAP_Product / AAP_Process / TypeCode	Code	The fish preservation form in FAO-3 alpha code (e.g.: fresh, frozen...)	listID="FISH_PRESERVATION"		0..1
CATCH AREA	IS_Report / FA_Catch / TypeCode="FISH_PROD_WEIGHED_BFR_TRANSP"+Sales_Batch / AAP_Product +Origin. FLUX_Location /TypeCode="AREA"+ID	Code Identifier	The fishing, statistical or management area the specie/product was captured in	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M5 - 19. CATCH AREA	0..n
UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode="FISH_PROD_WEIGHED_BFR_TRANSP"+Sales_Batch / AAP_Product / Size_Distribution / ClassCode	Code	The under/over legal size code.	listID="FISH_SIZE_CLASS" code for under/over size: LSC (legal), BMS (undersize)		0..1
ORIGINATING FISHING VESSEL	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION"+Related. Vessel_Transport Means / RoleCode="ORIGINATING_FISHING_VESSEL"	Association	The vessel(s) from which the product is originated (fishing or carrier)	listID="ISR_VESSEL_ROLE"+value="ORIGINATING_FISHING_VESSEL"	M5 - 19. ORIGINATING VESSEL(S)	0..n

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
NAME	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / Name	Text	Name of the vessel as in the national register			0..1
FLAG	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / Registration Vessel_Country / ID	Identifier	The Flag State of registration of the originating vessel	schemeID="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.		0..1
EXTERNAL REGISTRATION NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / ID / SchemeID="EXT_MARK"	Identifier	External identification number of the vessel	SchemeID = "EXT_MARK" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / ID / SchemeID="IRCS"	Identifier	International Radio Call Sign of the vessel	SchemeID = "IRCS" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
IMO NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / ID / SchemeID="UVI"	Identifier	International Maritime Organisation number of the vessel, if any	SchemeID = "UVI" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
COMMUNITY FLEET REGISTER NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / ID / schemeID="CFR"	Identifier	Community Fleet Register Number, if the vessel is an EU vessel	SchemeID = "CFR" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
FISHERIES PRODUCTS TRANSPORTED BEFORE WEIGHING	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING"	Association	Details about the inspected fisheries products that were transported before being weighed, as per the inspectors' estimations/verifications. One record per product inspected.	listID="ISR_CATCH_TYPE"	M5 - 40. FISHERIES PRODUCTS TRANSPORTED BEFORE WEIGHING	0..n
SPECIES	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +SpeciesCode	Code	The FAO 3-alpha code for the species	listID="FAO_SPECIES"	M5 - 40. SPECIES	0..1
WEIGHT	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / WeightMeasure	Measure	The kilogram live weight equivalent of the species/product	mandatory quantities in live weight equivalent	M5 - 40. WEIGHT	0..1
NUMBER OF FISH	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING"	Quantity	The number of fish of the species/product	optional		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	+Sales_Batch / AAP_Product / UnitQuantity					
FISH PRESENTATION	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / AAP_Process / Type.le	Code	The fish presentation in FAO-3 alpha code (e.g.: whole, gutted...)	listID="FISH_PRESENTATION"	M5 - 40. FISH PRESENTATION	0..1
FISH PRESERVATION FORM	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	Code	The fish preservation form in FAO-3 alpha code (e.g.: fresh, frozen...)	listID="FISH_PRESERVATION"		0..1
CATCH AREA	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product +Origin. FLUX_Location /TypeCode= "AREA" +ID	Code Identifier	The fishing, statistical or management area the specie/product was captured in	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	M5 - 40. CATCH AREA	0..n
UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	Code	The under/over legal size code.	listID="FISH_SIZE_CLASS" code for under/over size: LSC (legal), BMS (undersize)		0..1
ORIGINATING VESSEL(S)	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / RoleCode="ORIGINATING_FISHING_VESSEL"	Association	The vessel(s) from which the product is originated (fishing or carrier)	listID="ISR_VESSEL_ROLE" +value="ORIGINATING_FISHING_VESSEL"	M5 - 40. ORIGINATING VESSEL(S)	0..n
NAME	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / Name	Text	Name of the vessel as in the national register			0..1
FLAG	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / Registration Vessel_Country / ID	Identifier	The Flag State of registration of the originating vessel	schemeID="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.		0..1
EXTERNAL REGISTRATION NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / ID / SchemeID="EXT_MARK"	Identifier	External identification number of the vessel	SchemeID = "EXT_MARK" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION"	Identifier	International Radio Call Sign of the vessel	SchemeID = "IRCS" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	+Related. Vessel_Transport Means / ID / SchemeID="IRCS"					
IMO NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / ID / SchemeID="UVI"	Identifier	International Maritime Organisation number of the vessel, if any	SchemeID = "UVI" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
COMMUNITY FLEET REGISTER NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. Vessel_Transport Means / ID / schemeID="CFR"	Identifier	Community Fleet Register Number, if the vessel is an EU vessel	SchemeID = "CFR" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1

8 OBSERVATIONS AND COMMENTS

See section 7.1.11.

9 SUSPECTED INFRINGEMENTS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SUSPECTED INFRINGEMENT OBSERVED	IS_Report / ISRItemCharacteristic / TypeCode="SUSPECTED_INFRINGEMENT_OBS"	Indicator Text	Whether a suspected infringement has been observed (Yes/No +Optional text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
SUSPECTED INFRINGEMENT	IS_Report / ISRInfringementSuspicion	Association	Suspected infringements identified. One element per suspected infringement (See section 7.1.19).			0..n

10 INSPECTION CLOSURE

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
ACTIONS TAKEN	IS_Report / ISRItemCharacteristic / TypeCode="ACTIONS_TAKEN" +ValueIndicator	Indicator	Whether any actions were taken following the inspection (Yes/No). Report immediate enforcement and conservatory measures taken such as seals, seizure of the vessel or the transport vehicle, of the catch or the products, of the gear, rerouting of the vessel to a port , etc.	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	M5 - 57. ACTION(S) TAKEN	0..1
ACTIONS TAKEN DETAILS	IS_Report / ISRItemCharacteristic / TypeCode="ACTIONS_TAKEN" +Value (text)	Text	Details of actions taken (mandatory if Actions taken)			0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
INSPECTOR IN CHARGE SIGNATURE	IS_Report / ISRItemCharacteristic / TypeCode= "INSPECTOR_IN_CHARGE_SIGNATURE" +ValueIndicator	Indicator	Whether the inspection report was signed by the inspector in charge (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
DRIVER SIGNATURE	IS_Report / ISRItemCharacteristic / TypeCode= "DRIVER SIGNATURE" +ValueIndicator		Whether the inspection report was signed by the driver (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1

7.1.25.6. Surveillance (Module 6)

1 GENERAL REFERENCE DATA

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SURVEILLANCE REPORT REFERENCE (HUMAN READABLE)	IS_Report / ID schemeID=EU_ISR_ID	Identifier	The business human readable identifier of this ISR document. Starting with the ISO-3 code of the country defining and delivering the identifier, followed by a hyphen, followed by ISR, followed by a hyphen, followed by country specific unique ID of at most 20 alphanumeric characters. [ISO-3 country code]-ISR-[country specific unique ID]	schemeID="EU_ISR_ID" +Value	Annex XXIII - 1. SURVEILLANCE REPORT REFERENCE	1
INSPECTION REPORT REFERENCE (UUID)	IS_Report / IncludedFLUX Report_Document/ID	Association	The document details for this FLUX IS report.	Common entity shared by all FLUX domain reports. See data elements and attributes in Section 7.1.2.		1
REPORT DATE	IS_Report / Reference.DateTime	DateTime	The reference date for this IS Report.	Defined by the Report producer (could be start or end of the inspection/sighting)		1
REPORT TYPE	IS_Report / TypeCode	Code	The type of ISR report: inspection at sea, in port, surveillance, etc.	listID="ISR_REPORT_TYPE" +Code		1
REPORT CONTEXT	IS_Report / ContextTypeCode	Code	A code specifying a context type for this IS report, such as a National, EU or RFMO	listID="ISR_REPORT_CONTEXT" +Code		1..n
SURVEILLANCE PROGRAMME	IS_Report / ISItemCharacteristic / TypeCode= "INSPECTION_PROGRAMME" +ValueCode	Code	A code specifying the Inspection programme the surveillance is part of.	ValueCode in listID="ISR_INSPECTION_PROGRAMME"		0..1
CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" +ID	Code Identifier	The Control party (Member State, EFCA...) producing the IS report, i.e. the CP in charge of the IS.	listID="FLUX_CONTACT_ROLE" +value="CONTROL_PARTY" schemeID="ISR_CONTROL_PARTY" +value	Annex XXIII - 3. ORIGINATING MEMBER STATE	1
CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode= "CONTROL_AUTHORITY" +Name	Text	The name of the Control Authority conducting the surveillance.	Freely provided by the report producer	Annex XXIII - 3. NAME OF SINGLE AUTHORITY	0..1
DATE OF SIGHTING	IS_Report / IS_Event / TypeCode= "SIGHTING" +OccurrenceDateTime	Code DateTime	The date and time of sighting of a vessel. A UTC date time according to ISO 8601 format.	listID="ISR_EVENT_TYPE" +value="SIGHTING" e.g. 2008-10-31T15:07:38Z	Annex XXIII - 2. DATE AND TIME OF SIGHTING OR DETECTION (UTC)	0..1
TIME OF SIGHTING					Annex XXIII - 2. DATE AND TIME OF SIGHTING OR DETECTION (UTC)	0..1

2 SURVEILLANCE MEANS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SURVEILLANCE VESSEL	IS_Report / Vessel_Transport Means RoleCode="PATROL_VESSEL"	Association Code	Details about the Patrol vessel from which the sighting is performed, if any	listID="ISR_VESSEL_ROLE" +value="PATROL_VESSEL"	Annex XXIII - 4. TYPE AND IDENTIFICATION OF THE SURVEILLANCE	0..1
FLAG	IS_Report / Vessel_Transport Means / Registration Vessel_Country / ID	Identifier	The Flag State of registration of the Patrol vessel	schemeID="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.	Annex XXIII - 4. TYPE OF THE SURVEILLANCE	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
NAME	IS_Report / Vessel_ Transport Means / Name	Text	Name of the vessel as in the national register		Annex XXIII - 4. IDENTIFICATION OF THE SURVEILLANCE CRAFT	0..1
EXTERNAL REGISTRATION NUMBER/PENNANT NUMBER	IS_Report / Vessel_ Transport Means / ID / SchemeID="EXT_MARK"	Identifier	External identification or Pennant number of the vessel	SchemeID="EXT_MARK" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / Vessel_ Transport Means / ID / SchemeID="IRCS"	Identifier	International Radio Call Sign of the vessel	SchemeID="IRCS" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
IMO NUMBER	IS_Report / Vessel_ Transport Means / ID / SchemeID="UVI"	Identifier	International Maritime Organisation number of the vessel, if any	SchemeID="UVI" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE		0..1
SURVEILLANCE VESSEL POSITION EVENT	IS_Report / Vessel_ Transport Means / Vessel_ Position event TypeCode="SURVEILLANCE_VESSEL_POSITION"	Association	Information about the patrol vessel's location at the moment of the sighting	Must include an empty TypeCode child element for the XML to validate against the XSD, though it is not used in ISR.	Annex XXIII - 5. POSITION AND LOCATION OF THE SURVEILLANCE CRAFT AT THE TIME OF SIGHTING OR DETECTION	0..1
LATITUDE	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / Specified. Vessel_ Geographical Coordinate / Latitude	Measure	The measure of the latitude as an angular distance north or south from the Equator meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to North of equator. Negative coordinate refers to South.	LATITUDE	1
LONGITUDE	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / Specified. Vessel_ Geographical Coordinate / Longitude	Measure	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.	LONGITUDE	1
DATE OF THE POSITION	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / ObtainedOccurrenceDateTime	DateTime	The date and time when the position of the vessel was taken by the vessel's navigation equipment.	The Must be a valid UTC date time according to ISO 8601 format when the position was obtained by the vessel navigation equipment, transmitted by the VMS system on-board of the vessel. e.g. 2008-10- 31T15:07:38Z (milliseconds can be provided optionally). Note: should be the same DateTime value as that of the Start of the Inspection	Annex XXIII - 17. SIGHTING OR DETECTION MEAN	1
TIME OF THE POSITION	IS_Report / Vessel_ Transport Means / Vessel Position_ Event / ObtainedOccurrenceDateTime	DateTime	The date and time when the position of the vessel was taken by the vessel's navigation equipment.			1
LOCATION OF THE SURVEILLANCE VESSEL	IS_Report / Vessel_ Transport Means / FLUX_ Location/TypeCode="AREA" /ID	Code Identifier	The fishing, statistical or management area the patrol vessel is in at the start of the inspection (with as much precision as possible)	FLUX_ Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SURVEILLANCE CRAFT	IS_Report / Vehicle_Transport Means RoleCode="SURVEILLANCE_CRAFT"	Code	The craft used for sighting the vessel, if any (car, plane, ROV...)			0..1
SURVEILLANCE CRAFT TYPE	IS_Report / Vehicle_Transport Means / Type	Code	The type of surveillance craft used for the sighting	listID="ISR_SURVEILLANCE_CRAFT_TYPE"		0..1
COUNTRY OF REGISTRATION	IS_Report / Vehicle_Transport Means / Registration Country_ Identification	Identifier	The country of registration of the surveillance craft	schemeID="TERRITORY" +value (Country ISO3 Code)		1
CRAFT IDENTIFICATION	IS_Report / Vehicle_Transport Means / ID	Identifier	The registration number of the surveillance craft	SchemeID in FLUX_VEHICLE_ID_TYPE		0..1
POSITION OF SURVEILLANCE CRAFT	IS_Report / ISRIItemCharacteristic /TypeCode= "POSITION_OF_SURVEILLANCE_CRAFT" +FLUX_Location / TypeCode= "POSITION"	association	The position of the surveillance craft	FLUX_Location: ListID="FLUX_LOCATION_TYPE"	Annex XXIII - 5. POSITION AND LOCATION OF THE SURVEILLANCE CRAFT AT THE TIME OF SIGHTING OR DETECTION	0..1
LATITUDE	IS_Report / ISRIItemCharacteristic /TypeCode= "POSITION_OF_SURVEILLANCE_CRAFT" + / FLUX_Location / Physical FLUX_ Geographical Coordinate / Latitude.Measure	Measure	The measure of the latitude as an angular distance north or south from the Equator meridian to the meridian of a specific place for this inspection's geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to North of equator. Negative coordinate refers to South.	LATITUDE	1
LONGITUDE	IS_Report / ISRIItemCharacteristic /TypeCode= "POSITION_OF_SURVEILLANCE_CRAFT" + / FLUX_Location / Physical FLUX_ Geographical Coordinate / Longitude.Measure	Measure	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this inspection's geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.	LONGITUDE	1
SURVEILLANCE FMC	IS_Report / ContactParty RoleCode="FISHERIES_MONITORING_C ENTRE "	Association	Details about the Fisheries Monitoring Centre from which the sighting was done, if any			0..1
NAME	/ ContactParty / Name	Text	The name of the FMC from which the sighting was done	Can also be a national identification umber		0..1
ADDRESS	/ ContactParty / Structured_Address	Association	The address of the FMC from which the sighting was done			0..1
SURVEILLANCE PORT	IS_Report/ ISRIItemCharacteristic /TypeCode= "PORT_OF_SURVEILLANCE" +FLUX_ Location / TypeCode ="LOCATION" +Identifier Optionally: FLUX_Location / Name = "Port Name"	Identifier	The port from which the sighting was done, if any	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID="LOCATION"		0..1
SURVEILLANCE FROM LAND LOCATION	IS_Report / FLUX_Location / TypeCode="POSITION" +Name="SURVEILLANCE_FROM_LAND_ LOCATION"	Association	The position on land from where the sighting was done	FLUX_Location / TypeCode ListID="FLUX_LOCATION_TYPE"		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
LATITUDE	IS_Report / FLUX_Location / Physical FLUX_Geographical Coordinate / Latitude.Measure	Measure	The measure of the latitude as an angular distance north or south from the Equator meridian to the meridian of a specific place for this geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to North of equator. Negative coordinate refers to South.		1
LONGITUDE	IS_Report / FLUX_Location / Physical FLUX_Geographical Coordinate / Longitude.Measure	Measure	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.		1
SIGHTING OR DETECTION MEANS	IS_Report / ISRItemCharacteristic / TypeCode= "SIGHTING_OR_DETECTION_MEANS" +ValueCode	Code	The sighting or detection means used during the surveillance/sighting (Radar, VMS, AIS, Visual, LRIT, Camera, Radio traffic...)	listID="ISR_SIGHTING_DETECTION_MEAN"		0..n
SIGHTING OR DETECTION MEANS DETAILS	IS_Report / ISRItemCharacteristic / TypeCode= "SIGHTING_OR_DETECTION_MEANS" +Value (text)	Text	Details about the SIGHTING OR DETECTION MEANS used	If ValueCode=OTHER, then details are mandatory		0..1
REPORTING OFFICIAL	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL"	Association Code	Details about the official reporting the sighting	listID="FLUX_CONTACT_ROLE" +value="REPORTING_OFFICIAL"		0..1
PERSON NAME	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_ Person / Given Name IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_ Person / Middle Name IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_ Person / Family Name Prefix IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_ Person / Family Name IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_ Person / Name Suffix	Text Text Text Text	The given name and family name of the reporting official	Given Name and Family name are mandatory		0..1
ID	IS_Report / ContactParty / ID	Identifier	The Reporting Official's Identification Number	Type of Identification Number to be Specified. using the schemeName attribute.		0..1

3 PRE-INSPECTION

None.

4 SIGHTED VESSEL

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SIGHTED VESSEL	IS_report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL"	Association Code	Details about the sighted vessel (0..1 IS Report per sighted vessel)	listID="ISR_VESSEL_ROLE" +value="SIGHTED_VESSEL"		0..1
INITIAL POSITION OF THE SIGHTED VESSEL	IS_report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +Vessel Position Event / TypeCode="INITIAL_SIGHTING"	Association	Information about the sighted vessel's location at the moment of sighting		Annex XXIII - 14. INITIAL POSITION AND LOCATION AT THE TIME OF SIGHTING OR DETECTION	0..1
LATITUDE	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +Vessel Position_Event / Specified_Vessel_Geographical Coordinate / Latitude	Measure	The measure of the latitude as an angular distance north or south from the Equator meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to North of equator. Negative coordinate refers to South.	LATITUDE	1
LONGITUDE	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +Vessel Position_Event / Specified_Vessel_Geographical Coordinate / Longitude	Measure	The measure of the longitude as an angular distance east or west from the Greenwich meridian to the meridian of a specific place for this vessel geographical coordinate.	Reference ISO 6709. Coordinate expressed in WGS84, decimal degree notation, using a precision of at least 3 and maximum 6 decimal positions. Positive coordinate refers to East of Greenwich meridian. Negative coordinate refers to West.	LONGITUDE	1
DATE OF THE POSITION	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +Vessel Position_Event / ObtainedOccurrenceDateTime	DateTime	The date and time when the position of the vessel was taken by the vessel's navigation equipment.	The Must be a valid UTC date time according to ISO 8601 format when the position was obtained by the vessel navigation equipment, transmitted by the VMS system on-board of the vessel. e.g. 2008-10-31T15:07:38Z (milliseconds can be provided optionally). Note: should be the same DateTime value as that of the Start of the Inspection		1
INITIAL LOCATION OF THE SIGHTED VESSEL						
LOCATION IN PORT	IS_Report IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +FLUX_Location /TypeCode="LOCATION" +ID +Name	Identifier	The port in which the vessel was sighted, if any. ID used for reporting UN/LOCODE and Name for free text name of port.	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID="LOCATION" +value	LOCATION IN PORT	1, one of the two
LOCATION AT SEA	IS_Report IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +FLUX_Location /TypeCode="AREA" +/ID	Code Identifier	The fishing, statistical or management area the sighted vessel was in when sighted	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID value in ISR_AREA_TYPE	LOCATION AT SEA	
COURSE AND SPEED OF THE SIGHTED VESSEL	IS_report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +Vessel Position Event / TypeCode="INITIAL_SIGHTING"	Association	Initial heading and speed of the sighted vessel at the time of sighting or detection (in degrees and in knots)		Annex XXIII - 15. INITIAL HEADING AND SPEED AT THE TIME OF SIGHTING OR DETECTION	0..1
COURSE	IS_report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +Vessel Position Event / CourseValueMeasure	Measure	Initial heading of the sighted vessel at the time of sighting or detection (in degrees)	In degrees and decimal degrees. Maximum 2 significant decimal.	COURSE	0..1
SPEED	IS_report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +Vessel Position Event / SpeedValueMeasure	Measure	Initial speed of the sighted vessel at the time of sighting or detection (in knots)	In knots. Maximum 2 significant decimal	SPEED	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
NAME	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +Name	Text	Vessel name: to be obtained from what is seen or detected of, or regarding, the vessel or from radio contact with the vessel		Annex XXIII - 7 NAME	0..1
FLAG	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +Registration Vessel_Country	Identifier	Flag State (ISO alpha-3 country code): to be obtained from what is seen or detected of, or regarding, the vessel or from radio contact with the vessel	schemeID="TERRITORY" +value (Country ISO3 CODE) Use "N/A" if no flag or more than one flag.	Annex XXIII - 6. FLAG STATE	0..1
VESSEL TYPE	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +TypeCode	Code	The type of vessel (such as stern trawler, longliner, support...) using the FAO International Standard Statistical Classification of Fishery Vessels (ISSCFV)	listID="VESSEL_TYPE"	Annex XXIII - 13. TYPE	0..1
EXTERNAL REGISTRATION NUMBER	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +ID / SchemeID="EXT_MARK"	Identifier	External registration number (side hull): to be obtained from what is seen or detected of, or regarding, the vessel or from radio contact with the vessel	SchemeID = "EXT_MARK" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	Annex XXIII - 8. EXTERNAL REGISTRATION NUMBER	0..1
INTERNATIONAL RADIO CALL SIGN	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +ID / SchemeID="IRCS"	Identifier	International radio call sign: to be obtained from what is seen or detected of, or regarding, the vessel or from radio contact with the vessel	SchemeID = "IRCS" +Value schemeID from the code list FLUX_VESSEL_ID_TYPE	Annex XXIII - 9. INTERNATIONAL RADIO CALL SIGN	0..1
PORT OF REGISTRY	Vessel_Transport Means / Specified. Registration_Event / Related. Registration_Location/ TypeCode ="LOCATION" +ID +Name	Identifier	Registration port: to be obtained from what is seen or detected of, or regarding, the vessel or from radio contact with the vessel. ID used for reporting UN/LOCODE and Name for free text name of port.	FLUX_Location: ListID="FLUX_LOCATION_TYPE" ID: schemeID="LOCATION"	Annex XXIII - 8. REGISTRATION PORT	0..1
IMO NUMBER	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +ID / SchemeID="UVI"	Identifier	UVI (IMO) number: to be obtained from what is seen or detected of, or regarding, the vessel or from radio contact with the vessel		Annex XXIII - 10. INTERNATIONAL MARITIME ORGANISATION NUMBER	0..1
COMMUNITY FLEET REGISTER NUMBER	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +ID / schemeID="CFR"	Identifier	Community Fleet Register Number, if the vessel is an EU vessel (ISO alpha-3 country code +9 figures)		Annex XXIII - 11. COMMUNITY FLEET REGISTER NUMBER	0..1
COLOR OF THE HULL	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic / TypeCode ="COLOR_OF_THE_HULL" +Value (text)	Text	Overall colour of the hull (indicate source of information)	listID="ISR_VESSEL_TECH_CHARACT"	Annex XXIII - 12. DESCRIPTION	0..1
SUPERSTRUCTURE COLOR	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic / TypeCode ="SUPERSTRUCTURE_COLOR" +Value (text)	Text	Overall colour of the superstructure (indicate source of information)	listID="ISR_VESSEL_TECH_CHARACT"	Annex XXIII - 12. DESCRIPTION	0..1
NUMBER OF MASTS	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic / TypeCode ="NUMBER_OF_MASTS" +Value. Quantity +Value (text)	Numeric Text	Number of masts (Use Value (text) to indicate source of information)	listID="ISR_VESSEL_TECH_CHARACT"	Annex XXIII - 12. DESCRIPTION	0..1
POSITION OF THE BRIDGE	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic /	Code Text	Position of the bridge (Use Value (text) to indicate source of information)	TypeCode listID="ISR_VESSEL_TECH_CHARACT" ValueCode listID="ISR_POSITION_OF_BRIDGE"	Annex XXIII - 12. DESCRIPTION	0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	TypeCode ="POSITION_OF_THE_BRIDGE" +ValueCode +Value (text)					
FUNNEL LENGTH	IS_Report / Vessel_ Transport Means / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic / TypeCode ="FUNNEL_LENGTH" +ValueMeasure +Value (text)	Numeric Text	Approximative funnel length in meters (Use Value (text) to indicate source of information)	listID="ISR_VESSEL_TECH_CHARACT"	Annex XXIII - 12. DESCRIPTION	0..1
OTHER	IS_Report / Vessel_ Transport Means / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic / TypeCode ="OTHER" +Value (text)	Text	Any other details relevant to the description of the sighted vessel (indicate source of information)	listID="ISR_VESSEL_TECH_CHARACT"	Annex XXIII - 12. DESCRIPTION	0..1
ACTIVITY	IS_Report / ISRIItemCharacteristic / TypeCode= "VESSEL_ACTIVITY " +Value (text)	Text	Activity of the sighted or detected vessel as applicable: report for each activity if the vessel was fishing, setting fishing gear, hauling, transhipping, transferring, towing, transiting, anchoring or any other activities (to be detailed) including date, time, position, heading and speed of the vessel (indicate source of information)		Annex XXIII - 16. ACTIVITY OTHER INFORMATION	0..1
CONTACT WITH THE VESSEL	IS_Report / ISRIItemCharacteristic / TypeCode= "CONTACT_WITH_THE_VESSEL" +ValueIndicator	Indicator	Whether any contact was made with the vessel (Yes, No)			0..1
COMMUNICATION MEANS	IS_Report / ISRIItemCharacteristic / TypeCode= "COMMUNICATION_MEANS" +ValueCode and Value (text) when "Other"	Code Text	Communication means (radio, email...)	listID="COMM_EQUIP_TYPE"		0..1
DETAILS OF COMMUNICATION	IS_Report / ISRIItemCharacteristic / TypeCode= "COMMUNICATION_DETAILS" +Value (text)	Text	Details of communication: summarise any communication with the vessel with indication of the name, nationality, position given by the person(s) contacted on board of the sighted/detected vessel		Annex XXIII - 19. DETAILS OF COMMUNICATION WITH THE VESSEL	0..1
CONTACTED PERSON	IS_Report / Vessel_ Transport Means RoleCode="SIGHTED_VESSEL" / ContactParty / RoleCode="CONTACTED_PERSON"	Association	Details of the person(s) contacted on board the sighted vessel		CONTACTED PERSON	0..1
PERSON NAME	IS_Report / Vessel_ Transport Means / RoleCode="SIGHTED_VESSEL" +RoleCode="SIGHTED_VESSEL" +ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person / Given Name IS_Report / Vessel_ Transport Means / RoleCode="SIGHTED_VESSEL" +RoleCode="SIGHTED_VESSEL" +ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person / Middle Name	Text Text Text Text	The given name and family name (at least) of the contacted person	Given Name and Family name are mandatory		0..1

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
	IS_Report / Vessel_ Transport Means / ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person / Family Name Prefix IS_Report / Vessel_ Transport Means / RoleCode="SIGHTED_VESSEL" +RoleCode="SIGHTED_VESSEL" +ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person / Family Name IS_Report / Vessel_ Transport Means / RoleCode="SIGHTED_VESSEL" +RoleCode="SIGHTED_VESSEL" +ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person / Name Suffix					
NATIONALITY	IS_Report / Vessel_ Transport Means RoleCode="SIGHTED_VESSEL" / ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person / Nationality_ Country	Identifier	The country of nationality of the vessel owner	schemeID="TERRITORY" +value (Country ISO3 CODE)	NATIONALITY	0..1
SUMMARY OF THE COMMUNICATION	IS_Report / ISRIItemCharacteristic / TypeCode="SUMMARY_OF_THE_COMMUNICATIO N" +Value (text)	Text	Detailed summary of all communications with the sighted vessel		SUMMARY OF THE COMMUNICATION	0..1
RECORD TYPE	IS_Report / ISRIItemCharacteristic / TypeCode="TYPE_OF_RECORD" +ValueCode +Value (text)	Code Text	Record of sighting or detection: indicate if the sighting or detection was made by photograph, video, etc. (ValueCode). Optional details as text (Value (text)), must be indicated if OTHER	listID="ISR_RECORD_TYPE"		0..n

5 DOCUMENTS & AUTHORISATIONS

None.

6 GEAR

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
GEAR TYPE	IS_Report / Vessel_Transport Means / RoleCode="SIGHTED_VESSEL" +OnBoardFishingGear / TypeCode	Code	Fishing Gear sighted on/around the vessel			0..n

7 CATCH / PRODUCT

None.

8 OBSERVATIONS AND COMMENTS

See section 7.1.11.

9 SUSPECTED INFRINGEMENTS

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
SUSPECTED INFRINGEMENT OBSERVED	IS_Report / ISRIItemCharacteristic / TypeCode="SUSPECTED_INFRINGEMENT_OBS"	Indicator Text	Whether a suspected infringement has been observed (Yes/No +Optional text)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"		0..1
SUSPECTED INFRINGEMENT	IS_Report / ISRInfringementSuspicion	Association	Suspected infringements identified. One element per suspected infringement (See section 7.1.19).			0..n

10 INSPECTION CLOSURE

Business term	Entity mapping	Data Type	Description	Remarks	404/2011 Reference	Cardinality
REPORTING OFFICIAL SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode="REPORTING_OFFICIAL_SIGNATURE" +ValueIndicator	Indicator	Whether the sighting report was signed by the reporting official (Yes/No)	TypeCode value in listID="ISR_ITEM_CHARACTERISTIC" ValueIndicator / IndicatorString in code list "BOOLEAN_TYPE"	SIGNATURE	0..1

7.2. FLUX ISR Query Message

Description: The type of message used by the IS Report Querier to query inspection data from an IS Report holder.

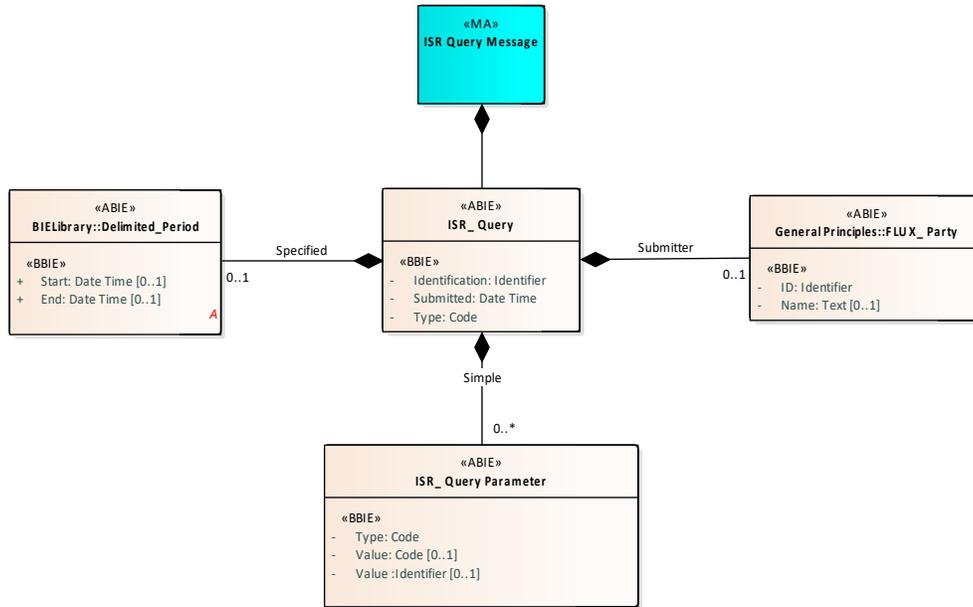


Figure 9. Class diagram for a FLUX Inspection and Surveillance Query Message⁸

7.2.1. ISR_Query Entity

Description: Entity containing a formally raised question or request for information for ISR documents.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Identification	Identifier	1	1	The identifier for this ISR query.	schemeID="UUID" +Value A Version 4 UUID as defined in the RFC 4122
SubmittedDateTime	DateTime	1	1	Date and time when this Query was submitted	The date/time according to ISO 8601 format in UTC
Type	Code	1	1	A code specifying the type of ISR query.	The code specifying the type of ISR query. Code in listID="ISR_QUERY_TYPE" list, values include: Q-VESSEL: a query for reports relevant to a vessel: At sea, In port and Transhipment inspection reports, as well as Surveillance reports; Q-MARKET: a query for reports relevant to Market/Premises inspection reports;

⁸ The diagram shows only entities which are necessary for this sub-domain. However, the final delivered message will also include children entities, such as VesselTransportMeans children entities (e.g.: Vessel_Engine, Vessel_Dimension), that are not displayed. In consequence, extra information, such as vessel technical characteristics might be provided using the complete message (see relevant FLUX documents for a complete description).

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
					Q-TRANSPORT: a query for reports relevant to Transport inspection reports.
Submitter FLUX_Party	Association	1	1	The FLUX party that submits this Query.	
Specified. Delimited_Period	Association	1	1	The period delimiting the time frame for retrieving data	Start and end date/time included in the period. This is mandatory.
Simple ISR_Query Parameter	Association	1	n	A simple query parameter for this Query.	

7.2.2. FLUX_Party Entity

Description: Entity containing the identification of the requester.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Identification	Identifier	1	1	The party sending the query	schemeID="ISR_GP_PARTY" +Value XFA when sent by EFCA
Name	Text	0	1	The name of the FLUX party creating the message	Free text giving more details on the Party.

7.2.3. Delimited_Period Entity

Description: Entity containing information that limits or restricts the scope of an ISR query: IS Report documents are selected based on the date of the report submission that must be in that delimited time period.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Start	DateTime	1	1	The start date/time of the period delimiting the time frame of the query	The start date/time according to ISO 8601 format in UTC. If the time part of the date/time is omitted, 00:00 is assumed.
End	DateTime	1	1	The end date/time of the period delimiting the time frame of the query	The end date/time according to ISO 8601 format in UTC If the time part of the date/time is omitted, 24:00 is assumed.

7.2.4. ISR Query_Parameter Entity

Description: Entity containing information defining the scope of an ISR query.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Type	Code	1	1	The code specifying the type of ISR Query_Parameter for this query.	listID="ISR_QUERY_PARAM" See Table 2 for the list of query parameters and their description.
Value	Code	0	1	The value, expressed as a code, for this ISR Query_Parameter.	See Table 2.
Value	Identifier	0	1	The value, expressed as an identifier, for this ISR Query_Parameter.	See Table 2.

Table 2 presents the list of available Query Parameters (included in the code list ISR_QUERY_PARAM).

Query parameter (in listID="ISR_QUERY_PARAM ")	Description
CONTROL_PARTY	ValueID in schemeID="ISR_CONTROL_PARTY"
INSPECTION_PROGRAMME	ValueCode in listID="ISR_INSPECTION_PROGRAMME"
QUERY_CONTEXT	ValueCode in listID="ISR_QUERY_CONTEXT"
REGISTRATION_STATE	ValueID in schemeID="TERRITORY"
REPORT_READABLE_ID	ValueID with schemeID="EU_ISR_ID".
TRANSPORT_EQUIPMENT_ID	ValueID using a schemeID in FLUX_VEHICLE_ID_TYPE
VEHICLE_ID	Value.ID using a schemeID in FLUX_VEHICLE_ID_TYPE
VESSEL_FLAG	ValueID in schemeID="TERRITORY". Note that if VESSEL_ID is provided using schemeID="EXT_MARK" then VESSEL_FLAG is mandatory.
VESSEL_ID	ValueID using schemeID values CFR, IRCS, UVI or EXT_MARK

Table 2. Description of the Query Parameters

Correct use of query parameters is verified through a specific Business Rule checking that a query parameter is authorised for the query type and the query context, as defined in the code list ISR_QUERY_TYPE_PARAM.

The code list provides the parameters (column Param) which can be used for a query type (column QueryType) and a Query Context (column QueryContext). An additional column (column Boolean) indicates if the parameter is mandatory (Y) or not (N) for the Query Type and Query Context.

For example, the code list register indicates that the Parameter "INSPECTION_PROGRAMME" is a mandatory parameter for a query type "Q-VESSEL" in the Query Context "JDP":

QueryType	Param	QueryContext	Mandatory	StartDate	EndDate
Q-VESSEL	CONTROL_PARTY	JDP	N	2021-12-15	2100-12-31
Q-VESSEL	INSPECTION_PROGRAMME	JDP	Y	2021-12-15	2100-12-31
Q-VESSEL	REPORT_READABLE_ID	JDP	N	2021-12-15	2100-12-31
Q-VESSEL	VESSEL_FLAG	JDP	N	2021-12-15	2100-12-31
Q-VESSEL	VESSEL_ID	JDP	N	2021-12-15	2100-12-31

7.3. FLUX Response Message

Description: The type of message which is used for responding to FLUX IS Report Messages or FLUX ISR Query Messages.

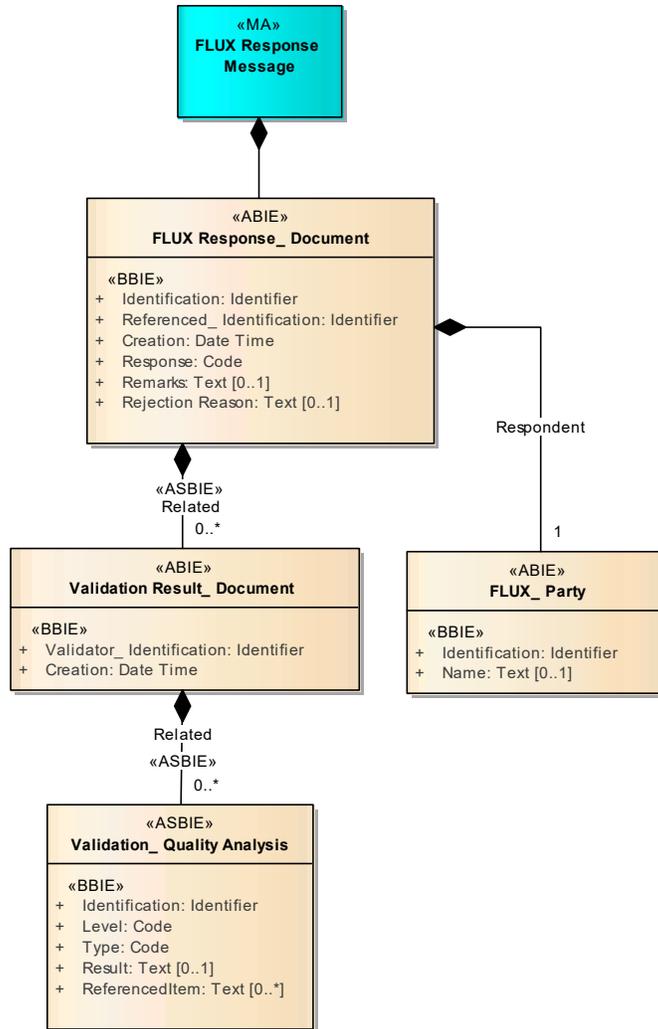


Figure 10. Class Diagram for FLUX Response Message

7.3.2. FLUX Response_ Document Entity

Description: The type of report which is used when replying to a FLUX ISR Report Message or a FLUX ISR Query Message.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Identification	Identifier	1	1	The Global Unique Identifier of the FLUX Response Message.	schemeID="UUID" +value. Version 4 UUID as defined in the RFC 4122.
Referenced_identification	Identifier	1	1	The identifier of a referenced FLUX ISR Report Message or FLUX ISR Query Message to which this FLUX Response Document refers. Where available and correctly used in the original message received, the UUID shall be used as a reference. The FLUX TL ON shall be used when the UUID of the original message is not available, incorrect or incorrectly used. See section 6.5 for more information.	Used for referencing the query message or the ISR report message that has been validated. schemeID="UUID" Version 4 UUID as defined in the RFC 4122. schemeID="FLUXTL_ON" the reference taken from the message envelope in case of a parsing problem with the message resulting on a non-availability of the UUID schemeID values come from the FLUX_GP_MSG_ID code list
Creation	DateTime	1	1	The date time UTC value of the creation of this FLUX Response Message.	Date/time that this report has been created. A UTC date time according to ISO 8601 format. The usage of 'Z' character defining UTC time zone is strongly recommended. e.g. 2008-10-31T15:07:38.6875000Z.
Response	Code	1	1	The code specifying the general status of the validation process, which has been applied on the referenced FLUX ISR Report Message.	listID="FLUX_GP_RESPONSE" Status code: OK, NOK, WOK (OK with warnings only)
Remarks	Text	0	1	A general textual remark related to the Response code.	
Rejection Reason	Text	0	1	A textual description of the main reason for rejection.	
Related_Validation Result_Document	Association	0	n	The validation result document related to this FLUX response.	For a response to a Report Message: to be provided only in case at least one BR fails (ResponseCode <> OK).
Respondent FLUX_Party	Association	1	1	The party owning this FLUX Report Document.	

7.3.3. Respondent FLUX_Party

Description: Identification of the FLUX party sending the response.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Identification	Identifier	1	1	The identifier of the FLUX party, creating and sending the message.	schemeID="ISR_GP_PARTY" +Value

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Name	Text	0	1	The name of the FLUX party creating the message	Free text giving more details on the Party. e.g. Control Party reporting the data (i.e. name of the country or other party).

7.3.4. Validation Result_ Document Entity

Description: Entity containing information about the validation process.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Validator Identification	Identifier	1	1	The identifier of the validating party.	schemeID="ISR_GP_PARTY"
Creation DateTime	DateTime	1	1	The date/time of the creation of this validation report.	A UTC date time according to ISO 8601 format. The usage of 'Z' character defining UTC time zone is strongly recommended. e.g. 2008-10-31T15:07:38.6875000Z.
Related. Validation_ Quality Analysis	Association	0	n	Details of the validation report	All failed business rules identified during the validation process are part of FLUX Response Document. The information on the failed business rules are at the level of data field.

7.3.5. Validation_ Quality Analysis Entity

Description: Entity containing the results of the validation process.

Entity/Field Name	DataType	Cardinality		Description	Remarks
		min	max		
Identification	Identifier	1	1	Business rule identification.	schemeID="ISR_BR" e.g.: ISR-L00-00-0000
Level	Code	1	1	The code specifying the validation level of the business rule.	listID="FLUX_GP_VALIDATION_LEVEL" e.g.: L00
Type	Code	1	1	The code specifying the type of error found.	listID="FLUX_GP_VALIDATION_TYPE" e.g. ERR, WAR
Result	Text	0	1	Text explaining the business rule violation.	<i>Standardized error/warning message in English: value of EnMessage in code list "ISR_BR_DEF".</i>
Referenced Item	Text	0	n	An information to locate in the XML the data causing the problem.	X-path to the element(s) causing the rule to fail.

7.4. Correction/replacement and deletion

To indicate which IS_Report is to be replaced or deleted, the replacement or deletion FLUX ISR Message includes in its "FLUX Report Document / ReferencedID" the unique identifier of the Included FLUX Report Document attached to the IS Report to replace or delete.

- Submission of the original IS Report:
 - FLUX ISR Message
 - Flux Report Document
 - ID <UUID of this new Message>
 - PurposeCode=9 (original submission)
 - [...]
 - IS_Report
 - Included Flux Report Document
 - PurposeCode=9 (original submission)
 - ID=<UUID of new submitted IS Report>
 - [...]
- Correction of the IS Report:
 - FLUX ISR Message
 - Flux Report Document
 - ID <UUID of this new Message>
 - PurposeCode=5 (correction)
 - ReferencedID=<UUID of the IS Report to replace>
 - [...]
 - IS_Report
 - Included Flux Report Document
 - PurposeCode=5 (correction)
 - ID= <UUID of new submitted IS Report replacing the previous one>
 - ReferencedID=<UUID of the IS Report to replace>
 - [...]
- Deletion of the IS Report:
 - FLUX ISR Message
 - Flux Report Document
 - ID=<UUID of this new Message>
 - PurposeCode=3 (deletion)
 - ReferencedID=<UUID of the IS Report to delete>
 - [...]
 - No IS_Report

8. BUSINESS RULES

The list of business rules below is used to verify that the data quality of ISR messages transmitted over the FLUX system is sufficiently high to ensure their relevance.

In an exchange of data between two systems without any human intervention, the principle is to give back to the sending system as much as possible feedback about the received message. Therefore, it is advised to execute as many business rules as possible at the reception of the message and to reply to the sender by putting in the response all the possible errors (or warnings) detected, not stopping the validation process at the first error.

The response message returned to the sender of the message will contain information on the acceptance or refusal of that message.

If a validation is performed by a component of a web application based on data entered interactively by a user in a web form, the business rules could be applied on a case-by-case basis.

The list of Applicable. Business rules defined for the ISR data domain (ISR_BR_DEF) is available on the Master Data Register page of the European Commission Fisheries website.

A business rule is applicable during a time interval defined by its start and end dates. The reference date to be used to select the applicable business rules is the creation date of the corresponding message element:

- The content of a FLUXReportDocument shall be validated according to the applicable business rules at the date of the FLUXReportDocument.Creation.DateTime.
- The content of an ISReport element shall be validated according to the applicable business rules at the date of the ISReport.IncludedFLUXReportDocument.Creation.DateTime.
- The content of an ISRQuery message shall be validated according to the applicable business rules at the date of the ISRQuery.SubmittedDateTime.
- The content of a FLUXResponseDocument shall be validated according to the applicable business rules at the date of the FLUXResponseDocument.Creation.DateTime.

These reference dates are also used to identify which code values of the code lists are valid when validating the content of a message.

A rule related to a data element is only applicable if the data element is present, except if the rule explicitly checks the presence of the data element.

The use of "must be present" or "is present" in the definition of a rule, when applied to an element with value, means both that the XML element must be present and has a value (not empty).

It is recommended that a rule checking the validity of a code value in a code list is only applied when the BR checking the correctness of the code list name has been passed successfully.

It is recommended that a rule comparing the values of 2 data elements is only applied when both values are present and valid.

The rules including a condition in their definition shall only be applied if the condition was verified.

An overloaded data element is defined as a data element communicated repetitively (based on the cardinality of the element defined in the data model) and exceeding the limit imposed by the implementation document or that is not mentioned in the implementation document but still is compliant to the UN/FLUX standard. In this version of the document, there are no business rules⁹ defined to detect overloaded data elements and therefore to report such issue to the sender. Such data elements are ignored by the validation process. For example, multiple CFR identifiers for a vessel is allowed by the standard but limited to one in the implementation document.

⁹ Additional business rules can be defined in a future version.

If the parsing of the incoming message fails because the XML does not comply to the XSD schema, the validation of the business rules is not required (optional), and only the BR ISR-L00-00-0000 is communicated in the validation report of the response. The reference of the message in the response will be the FLUXTL_ON reference of the message envelope if the UUID cannot be identified due to the parsing problem.

The business rules are classified in 4 different levels:

- Level 0: Integrity Control (at a technical level).
- Level 1: Data Field Validation (presence, format or value of one entity or attribute).
- Level 2: Row validation (conditional validation within one report).
- Level 3: Content validation (conditional validation between reports within the same FLUX message).
- Level 4: Extended validation (conditional validation between different FLUX messages).

In order to give feedback as much as complete to the sender, a maximum of business rules are applied on the data. **It means that after the successful completion of level 0, the business rules from the other levels are applied.** The message and/or associated information put in the response message should be precise enough to locate the source of the problem in the submitted data.

Each business rule is identified by a unique reference assigned to the BR according to the following methodology format: ISR-Lxx-BB-CCCC where:

- ISR: Referring to the ISR domain in which the rule is relevant.
- Lxx: The level of the business rule
 - 00: Integrity control
 - 01: Data field validation
 - 02: Row validation
 - 03: Content validation
 - 04: Extended validation
- BB: sub-level. This part of the numbering is used to identify the sub-levels, if FLUX domain requires the split of the business rules levels. In the context of the ISR domain, it is used to indicate to which "module" the business rule applies:
 - 00: General business rules
 - 01: Module 1 –At Sea
 - 02: Module 2 –During Transshipment
 - 03: Module 3 –In port
 - 04: Module 4 – Market/premises
 - 05: Module 5 – Transport
 - 06: Module 6 – Surveillance & Sightings
- CCCC: This part of BR identification represents the sequence number of the business rule in the level and/or sub-level group so it can be uniquely identified.

Example: ISR-L01-01-0009: IS Report business rule n°9 in level 1 (data field validation), Module 1.

To facilitate the use of this Implementation Document in the light of the huge number of data elements involved in the ISR domain and because some entities are used multiple times for different purposes within a given report (such as Vessel_ Transport Means for the Patrol Vessel and for the Inspected Vessel or ContactParty for the Inspectors, Vessel Owner, Vessel Master...), the business rules for the IS_ Report entity are presented not by

entities (as is done in the rest of this document) but by business terms (i.e. following the data structure of an ISR).

The following sections will describe first some business rules common to all modules, then, for each ISR type, the specific relevant business rules. The tables included below should be read as follows (not all columns are used in all tables):

- *BR-ID*: the unique business rule identifier (see above).
- *Business term*: the name of the data element (e.g.: Patrol vessel).
- *Entity mapping*: the *Entity mapping*: the FLUX ISR entity the element has been mapped to (e.g.: Vessel_Transport means).
- *Business rule*: a description of the business rule.
- *Fail result*: when the BR conditions are not met, what error is generated (ERR: error or WAR: warning, see above).
- *Message*: the message returned when the BR conditions are not met. Note that we assume that the software that would handle the validation of the IS reports would always include the full entity reference in the error/warning messages it returns, so it is not indicated in the "Message" value.

8.1. General business rules

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0000	FLUX message	FLUXISRReportMessage; FLUXISRQueryMessage; FLUXISRResponseMessage	Verifies whether or not the message is a valid XML and if it can be validated against the XSD schema	ERR	An invalid XML message has been received.
ISR-L00-00-9999	FLUX message	FLUXISRQueryMessage	Verifies that the query will return results	WAR	No data corresponding to the query.
ISR-L00-00-9998	FLUX message	FLUXISRQueryMessage	Verifies that the requester has the permission to query for the information	ERR	PERMISSION: The querier is not allowed access to the requested data. No FLUX ISR Report Message containing the response will be sent.

8.1.1. Rules for Owner FLUX Party entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0025	Owner Flux Party	OwnerFluxParty /ID	Must be present	ERR	Missing OwnerFLUXParty/ID
ISR-L01-00-0033	Owner Flux Party	OwnerFluxParty /ID	Check attribute schemeID. Must be ISR_GP_PARTY	ERR	Invalid schemeID
ISR-L01-00-0034	Owner Flux Party	OwnerFluxParty /ID	Check code from the schemeID list (ISR_GP_PARTY)	ERR	Invalid code for OwnerFLUXParty/ID
ISR-L03-00-0007	Owner Flux Party	OwnerFluxParty /ID	Check if OwnerFLUXParty.ID is consistent with FLUX TL values.	WAR	The identification of the party sending the message and identified at the level of the FLUX-TL must be the same in the OwnerFluxParty entity (no delegation for sending data on behalf of another flag state)

8.2. ISR Query business rules

8.2.1. Rules for ISR_ Query entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0002	ISR Query	ISR Query/ID	Must be present	ERR	Missing ISR Query/ID
ISR-L01-00-0138	ISR Query	ISR Query/ID	Check attribute schemeID. Must be "UUID"	ERR	ISR Query/ID schemeID is not "UUID"
ISR-L01-00-0001	ISR Query	ISR Query/ID	Check Format : Version 4 UUID	ERR	ISR Query/ID is not a Version 4 UUID
ISR-L03-00-0001	ISR Query	ISR Query/ID	The identifier (UUID) of the message shall be unique. Checks if an ISR query message was already received with the same UUID.	ERR	ISR Query/ID is not unique
ISR-L00-00-0003	ISR Query	ISR Query/SubmittedDateTime	Must be present	ERR	Missing ISR Query/Submitted
ISR-L01-00-0002	ISR Query	ISR Query/SubmittedDateTime	Check format	ERR	Invalid format for ISR Query/SubmittedDateTime

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0004	ISR Query	ISR Query/Type	Must be present	ERR	Missing ISR Query/Type
ISR-L01-00-0003	ISR Query	ISR Query/Type	Check listID attribute. Must be ISR_QUERY_TYPE	ERR	Invalid listID
ISR-L01-00-0004	ISR Query	ISR Query/Type	Check code from the list listID="ISR_QUERY_TYPE"	ERR	Invalid code for ISR Query/Type
ISR-L00-00-0005	ISR Query	ISR Query/Delimited_Period	Must be present	ERR	Missing Delimited_Period
ISR-L02-00-0005	ISR Query	ISR Query/Delimited_Period	Only one occurrence	ERR	More than one Delimited_Period
ISR-L00-00-0006	ISR Query	ISR Query/ISRQueryParameter with TypeCode="Query_context"	Must be present	ERR	Missing ISR Query Context
ISR-L02-00-0022	ISR Query	ISR Query/ Delimited Period/Start	StartDate >= SystemDate - 3 years	ERR	Past data limited to three years from the current date

8.2.2. Rules for SubmitterFluxParty

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0050	Submitter Flux Party	ISR Query/SubmitterFluxParty/ID	Must be present	ERR	Missing Submitter Flux_Party/ID
ISR-L01-00-0140	Submitter Flux Party	ISR Query/SubmitterFluxParty/ID	Check attribute schemeID. Must be ISR_GP_PARTY	ERR	Invalid schemeID
ISR-L01-00-0141	Submitter Flux Party	ISR Query/SubmitterFluxParty/ID	Check code from the schemeID list (ISR_GP_PARTY)	ERR	Invalid code for SubmitterFLUXParty/ID
ISR-L03-00-0142	Submitter Flux Party	ISR Query/SubmitterFluxParty/ID	Check if SubmitterFLUXParty.ID is consistent with FLUX TL values.	WAR	The identification of the party sending the query message and identified at the level of the FLUX-TL must be the same in the SubmitterFluxParty entity

8.2.3. Rules for Delimited_Period entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0023	Delimited Period	Delimited Period/Start	Must be present	ERR	Missing Delimited Period/Start
ISR-L01-00-0031	Delimited Period	Delimited Period/Start	Check format	ERR	Invalid format for Delimited Period/Start
ISR-L00-00-0024	Delimited Period	Delimited Period/End	Must be present	ERR	Missing Delimited Period/End
ISR-L01-00-0032	Delimited Period	Delimited Period/End	Check format	ERR	Invalid format for Delimited Period/End
ISR-L02-00-0016	Delimited Period	Delimited Period/Start, Delimited Period/End	Start < End	ERR	Delimited period end must be > start.

8.2.4. Rules for ISR_ Query Parameter entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0005	Query Parameter	ISR Query Parameter/Type	Check listID attribute. Must be ISR_QUERY_PARAM	ERR	Invalid listID
ISR-L01-00-0006	Query Parameter	ISR Query Parameter/Type	Check code from the list listID="ISR_QUERY_PARAM"	ERR	Invalid ISR Query Parameter/Type
ISR-L01-00-0080	Query Parameter	ISR Query Parameter/Type, ISR Query Parameter/Value	If TypeCode = "QUERY_CONTEXT", the value of ValueCode must be in the code list "ISR_QUERY_CONTEXT" indicated in listID	ERR	Query Context not valid
ISR-L00-00-0051	Query Parameter	ISR Query Parameter/Type, ISR Query Parameter/Value	If TypeCode = "QUERY_CONTEXT" and value="JDP", Query parameter with TypeCode "INSPECTION_PROGRAMME" must be present	ERR	JDP query requires Inspection/surveillance programme value
ISR-L02-00-0006	Query Parameter	ISR Query/Type, ISR Query Parameter/Type, ISR Query Parameter/Value	ISR Query Parameter/Type must be in ISR_QUERY_TYPE_PARAM according to ISR Query/Type value and ISR Query Parameter/TypeCode="QUERY_CONTEXT"+Value	ERR	Query parameter exception: not authorised for the query type and query context.
ISR-L01-00-0081	Query Parameter	ISR Query Parameter/Type	if TypeCode="VESSEL_ID", ValueID must be present with a value of SchemeID in the code list "FLUX_VESSEL_ID_TYPE"	ERR	Invalid type of vessel identifier provided as query parameter
ISR-L01-00-0084	Query Parameter	ISR Query Parameter/Type ISR Query Parameter/Value	If TypeCode="REGISTRATION_STATE", value of ValueID must be in the code list indicated in schemeID ("TERRITORY")	ERR	Country of registration is not valid
ISR-L01-00-0128	Query Parameter	ISR Query Parameter/Type	If TypeCode="INSPECTION_PROGRAMME", value of ValueID must be in the code list indicated in listID ("ISR_INSPECTION_PROGRAMME")	ERR	Invalid Inspection Programme
ISR-L01-00-0130	Query Parameter	ISR Query Parameter/Type	If TypeCode="CONTROL_PARTY", value must be in the code list indicated in listID ("ISR_CONTROL_PARTY")	ERR	Invalid Control Party
ISR-L00-00-0054	Query Parameter	ISR Query Parameter/Type	If a query parameter with TypeCode="VEHICLE_ID" or "TRANSPORT_EQUIPMENT_ID" is present, then a query parameter with TypeCode="REGISTRATION_STATE" must be present	WAR	Vehicle or trailer ID provided but no registration state provided
ISR-L00-00-0055	Query Parameter	ISR Query Parameter/Type	If a query parameter with TypeCode="VESSEL_ID" and schemeID="EXT_MARK" is present, then a query parameter with TypeCode="VESSEL_FLAG" must be present	WAR	Vessel external marking provided but no flag state provided
ISR-L00-00-0056	Query Parameter	ISR Query Parameter/Type, ISR Query Parameter/Value	If a query parameter with TypeCode = "QUERY_CONTEXT" and value="PRE" is present, then a query parameter with TypeCode "VESSEL_ID" must be present	ERR	Pre-Inspection query requires vessel_Id parameter value

8.3. Rules for Response entity

List of business rules that must be applied to control the validity of any response when received.

8.3.1. Rules for FLUX Response_ Document entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0085	FLUX Response Document	FLUXResponseDocument/ID	Check attribute schemeID. Must be "UUID".	ERR	FLUXResponseDocument/ID schemeID is not "UUID"
ISR-L01-00-0008	FLUX Response Document	FLUXResponseDocument/ID	Check Format. Must be according to the Specified. schemeID.	ERR	The format of the identifier doesn't match the type of Identifier.
ISR-L03-00-0003	FLUX Response Document	FLUXResponseDocument/ID	The identifier (UUID) of the message shall be unique. Checks if an ISR response message was already received with the same UUID.	ERR	FLUXResponseDocument/ID is not unique
ISR-L01-00-0086	FLUX Response Document	FLUXResponseDocument/ReferencedID	Check attribute schemeID. Must be a valid value from code list FLUX_GP_MSG_ID. The UUID of the original message (schemeID=UUID) shall be used as a reference. In cases when this UUID of the original message is not available (eg. not present or XSD failure of that message), erroneous (invalid UUID format) or not correctly used in the original message (eg. wrong or no schemeID), the FLUX Transportation Layer operation number (SchemeID=FLUXTL_ON) shall be used ¹⁰ .	ERR	Invalid schemeID
ISR-L01-00-0009	FLUX Response Document	FLUXResponseDocument/ReferencedID	Check Format. Must be according to the Specified. schemeID.	ERR	The format of the identifier doesn't match the type of Identifier
ISR-L03-00-0004	FLUX Response Document	FLUXResponseDocument/ReferencedID	The identification must exist for a FLUXISRReportMessage or for a FLUXISRQuery message	ERR	Referenced identification not provided or not matching the ID of an already sent ISR Report or ISR Query
ISR-L00-00-0010	FLUX Response Document	FLUXResponseDocument/ResponseCode	Check presence. Must be present.	ERR	Missing FLUXResponseDocument/ResponseCode
ISR-L01-00-0087	FLUX Response Document	FLUXResponseDocument/ResponseCode	Check attribute listID. Must be FLUX_GP_RESPONSE	ERR	Invalid listID
ISR-L01-00-0088	FLUX Response Document	FLUXResponseDocument/ResponseCode	Check ValueCode. Value must be in the code list provided in listID.	ERR	FLUXResponseDocument/ResponseCode invalid
ISR-L00-00-0011	FLUX Response Document	FLUXResponseDocument/Creation.DateTime	Check presence. Must be present.	ERR	Missing FLUXResponseDocument/Creation.DateTime

¹⁰ When the following rules fail, the schemeID FLUXTL_ON is expected to be used as a reference to the original message: ISR-L00-00-0000, ISR-L00-00-0018, ISR-L01-00-0029, ISR-L01-00-0030, ISR-L00-00-002 and ISR-L01-00-0001.

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0010	FLUX Response Document	FLUXResponseDocument/Creation.DateTime	Check Format. Must be date/time in UTC according to ISO8601 and format YYYY-MM-DDThh:mm:ssZ (optional milliseconds)	ERR	Not a valid ISO8601 date format.
ISR-L01-00-0011	FLUX Response Document	FLUXResponseDocument/Creation.DateTime	Date must be in the past.	WAR	FLUXResponseDocument/Creation.DateTime not in the past
ISR-L00-00-0012	FLUX Response Document	FLUXResponseDocument/RespondentFLUXParty	Check presence. Must be present	ERR	Missing FLUXResponseDocument/RespondentFLUXParty
ISR-L02-00-0012	FLUX Response Document	FLUXResponseDocument/ValidationResultDocument, FLUXResponseDocument/ResponseCode	At least one occurrence if ResponseCode <> OK	ERR	ResponseCode <> OK but missing FLUXResponseDocument/ValidationResultDocument

8.3.2. Rules for FLUX Respondent Party entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0013	FLUX Respondent Party	RespondentFLUXParty/ID	Check presence. Must be present	ERR	Missing RespondentFLUXParty/ID
ISR-L01-00-0012	FLUX Respondent Party	RespondentFLUXParty/ID	Check attribute schemeID. Must be ISR_GP_PARTY	ERR	Invalid schemeID
ISR-L01-00-0139	FLUX Respondent Party	RespondentFLUXParty/ID	Check code from the schemeID list (ISR_GP_PARTY)	ERR	Invalid code for RespondentFLUXParty/ID
ISR-L03-00-0005	FLUX Respondent Party	RespondentFLUXParty/ID	Check if RespondentFLUXParty/ID is consistent with FLUX TL values.	ERR	The party sending the response must be the same as the one from the FR value of the FLUX TL envelope. Only the part before the first colon is to be considered: E.g. ABC:something => only ABC refers to the party for the purpose of this rule

8.3.3. Rules for Validation Result Document entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0014	Validation Result Document	ValidationResultDocument / ValidatorID	Check presence. Must be present.	ERR	Missing ValidationResultDocument / ValidatorID
ISR-L01-00-0013	Validation Result Document	ValidationResultDocument/ValidatorID	Check schemeID. Must be ISR_GP_PARTY.	ERR	Invalid schemeID
ISR-L01-00-0014	Validation Result Document	ValidationResultDocument/ValidatorID	Check value. Must be value from the code list Specified. in schemeID.	ERR	ValidationResultDocument/ValidatorID is invalid
ISR-L02-00-0013	Validation Result Document	ValidationResultDocument/ValidationQualityAnalysis, FLUXResponseDocument/ResponseCode	At least one occurrence must be present if ResponseCode<> OK	ERR	ResponseCode <> OK but missing ValidationResultDocument/ValidationQualityAnalysis

8.3.4. Rules for Validation Quality Analysis entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0015	Validation Quality Analysis	ValidationQualityAnalysis/ID	Check presence. Must be present.	ERR	Missing ValidationQualityAnalysis/ID
ISR-L01-00-0015	Validation Quality Analysis	ValidationQualityAnalysis/ID	Check schemeID attribute. Must be ISR_BR.	ERR	Invalid SchemeID
ISR-L01-00-0016	Validation Quality Analysis	ValidationQualityAnalysis/ID	Check value. Must be in the list specified in SchemeID.	ERR	ValidationQualityAnalysis/ID is invalid
ISR-L01-00-0089	Validation Quality Analysis	ValidationQualityAnalysis/LevelCode	Check presence. Must be present.	ERR	Missing ValidationQualityAnalysis/LevelCode
ISR-L01-00-0017	Validation Quality Analysis	ValidationQualityAnalysis/LevelCode	Check listID. Must be FLUX_GP_VALIDATION_LEVEL.	ERR	Invalid listID
ISR-L01-00-0018	Validation Quality Analysis	ValidationQualityAnalysis/LevelCode	Check Code. Must be in the list specified in listID.	ERR	Invalid ValidationQualityAnalysis/LevelCode
ISR-L01-00-0019	Validation Quality Analysis	ValidationQualityAnalysis/TypeCode	Check listID. Must be FLUX_GP_VALIDATION_TYPE.	ERR	Invalid listID
ISR-L01-00-0020	Validation Quality Analysis	ValidationQualityAnalysis/TypeCode	Check value of TypeCode. Must be in the list specified in listID.	ERR	Invalid ValidationQualityAnalysis/TypeCode
ISR-L01-00-0090	Validation Quality Analysis	ValidationQualityAnalysis/Result	Must be non-empty	WAR	ValidationQualityAnalysis/Result is empty
ISR-L02-00-0020	Validation Quality Analysis	ValidationQualityAnalysis/ReferencedItem, ValidationQualityAnalysis/TypeCode	At least one non-empty occurrence if TypeCode is ERR or WAR.	WAR	TypeCode is ERR or WAR but missing ValidationQualityAnalysis/ReferencedItem

8.4. Common Inspection and Surveillance Report BRs

8.4.1. Rules for FLUX_Report Document entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0001	FLUX Report Document	FLUX_ReportDocument	Must be present	ERR	Missing FLUX_ReportDocument
ISR-L02-00-0001	FLUX Report Document	FLUX_ReportDocument	There must be only one report document	ERR	More than one FLUX_ReportDocument
ISR-L00-00-0018	FLUX Report Document	FLUX_ReportDocument/ID	Must be present.	ERR	No FLUX_ReportDocument Identification provided
ISR-L00-00-0019	FLUX Report Document	FLUX_ReportDocument/Creation	Must be present.	ERR	Missing FLUX_ReportDocument/Creation
ISR-L01-00-0022	FLUX Report Document	FLUX_ReportDocument/Creation	Check Format. Must be date in UTC according to ISO8601	ERR	Invalid format for FLUX_ReportDocument/Creation
ISR-L01-00-0023	FLUX Report Document	FLUX_ReportDocument/Creation	Date must be in the past.	ERR	FLUX_ReportDocument/Creation not in the past
ISR-L00-00-0020	FLUX Report Document	FLUX_ReportDocument/PurposeCode	The code must be present.	ERR	Missing FLUX_ReportDocument/Purpose
ISR-L01-00-0024	FLUX Report Document	FLUX_ReportDocument/PurposeCode	Check attribute listID. Must be FLUX_GP_PURPOSE	ERR	Invalid listID for FLUX_ReportDocument/Purpose
ISR-L01-00-0025	FLUX Report Document	FLUX_ReportDocument/PurposeCode	Value must be in FLUX_GP_PURPOSE.	ERR	Invalid FLUX_ReportDocument/Purpose code

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0026	FLUX Report Document	FLUX_ReportDocument/PurposeCode	Purpose code should not be 1 (cancellation)	ERR	Purpose code should not be 1 (cancellation)
ISR-L03-00-0010	FLUX Report Document	FLUX_ReportDocument/PurposeCode, FLUX_ReportDocument/ReferencedID	If deletion or correction (purpose code 3 or 5), the referenced identification shall be provided and shall refer to the identifier of an IS Report already received IS Report and which is the last version (not already corrected or deleted).	ERR	Referenced identification not provided or not one of an already received ISR report, referring to a report not received or to a report which is not the last version received (already corrected or deleted).
ISR-L00-00-0021	FLUX Report Document	FLUX_ReportDocument / Owner_FLUXParty	Must be present.	ERR	Missing FLUXParty
ISR-L02-00-0021	FLUX Report Document	FLUX_ReportDocument / Owner_FLUXParty	Only one party.	ERR	More than one Owner FLUXParty
ISR-L01-00-0027	FLUX Report Document	FLUX_ReportDocument/ ReferencedID	Check attribute schemeID. Must be Version 4 UUID.	ERR	Invalid schemeID
ISR-L01-00-0028	FLUX Report Document	FLUX_ReportDocument/ ReferencedID	If Referenced Identification is present, check Format. Must be according to the Specified. schemeID.	ERR	Must be according to RFC4122 format.
ISR-L01-00-0029	FLUX Report Document	FLUX_ReportDocument/ID	Check attribute schemeID. Must be UUID.	ERR	Invalid schemeID
ISR-L01-00-0030	FLUX Report Document	FLUX_ReportDocument/ID	Check Format. Must be according to the Specified. schemeID.	ERR	Must be according to RFC4122 format for version 4 UUID.
ISR-L03-00-0006	FLUX Report Document	FLUX_ReportDocument/ID	The identifier (UUID) of the message shall be unique. Checks if an ISR message was already received with the same UUID.	ERR	FLUX_ReportDocument/ID is not unique
ISR-L02-00-0023	FLUX Report Document	FLUXReportDocument/PurposeCode; IS_Report / IncludedFluxReportDocument/PurposeCode	Both purpose codes must be the same	ERR	The purpose codes of the ISR Message and IS Report are different.
ISR-L02-00-0024	FLUX Report Document	FLUXReportDocument/ReferencedID IS_Report / IncludedFluxReportDocument/ReferencedID	In the context of a correction, the ISReport/includedFluxReportDocument/ReferencedID must be present and shall have the same value than the FLUXReportDocument/ReferencedID	ERR	The value of the ISReport/ReferencedID is missing or different from the value of the FLUXReportDocument/ReferencedID

8.4.2. Rules for IS_Report

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0053	FLUX Report Document	IS_Report / IncludedFluxReportDocument	Must be present	ERR	There must be an IS_Report / IncludedFluxReportDocument
ISR-L03-00-0011	Inspection Report Reference	IS_Report / IncludedFluxReportDocument/ID	Must be unique	WAR	The unique IS Report identifier already exists.
ISR-L01-00-0136	Inspection Report Reference	IS_Report / IncludedFluxReportDocument/ID	Check attribute schemeID. Must be UUID.	ERR	Invalid schemeID
ISR-L01-00-0137	Inspection Report Reference	IS_Report / IncludedFluxReportDocument/ID	Check Format. Must be according to the Specified. schemeID.	ERR	Must be according to RFC4122 format for version 4 UUID.
ISR-L00-00-0052	Report Type	IS_Report / TypeCode	Must be present	ERR	The type of report is not provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0094	Report Type	IS_Report / TypeCode	Check attribute listID. Must be ISR_REPORT_TYPE	WAR	Invalid listID provided
ISR-L01-00-0095	Report Type	IS_Report / TypeCode	value must be in listID="ISR_REPORT_TYPE"	ERR	The type of report is not valid
ISR-L03-00-0012	Inspection Report Reference (Human Readable Identifier)	IS_Report / ID	If PurposeCode=5 (correction), IS_Report / ID in the new version must be the same as the one in the original version it should replace	ERR	The Human Readable Identifier of an IS Report cannot be corrected

8.4.3. Rules for Structured_Address entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0026	Structured Address	StructuredAddress/Streetname; StructuredAddress/BlockName; StructuredAddress/PostOfficeBox	At least one of the 3 elements Street Name, Block Name or Post Office Box must be present	WAR	No Street Name, Block Name or Post Office Box provided
ISR-L01-00-0035	Structured Address	StructuredAddress/Streetname	Non-empty (if provided)	WAR	StructuredAddress/Streetname is empty
ISR-L00-00-0027	Structured Address	StructuredAddress/PostalArea	Check presence. Must be present, except if CountryID = "IRL" (Ireland)	WAR	Missing StructuredAddress/PostalArea
ISR-L01-00-0036	Structured Address	StructuredAddress/PostalArea	Non-empty (if provided)	WAR	StructuredAddress/PostalArea is empty
ISR-L00-00-0028	Structured Address	StructuredAddress/CityName	Check presence. Must be present	WAR	Missing StructuredAddress/CityName
ISR-L01-00-0037	Structured Address	StructuredAddress/CityName	Non-empty	WAR	StructuredAddress/CityName is empty
ISR-L00-00-0029	Structured Address	StructuredAddress/CountryID	Check presence. Must be present	WAR	Missing StructuredAddress/CountryID
ISR-L01-00-0091	Structured Address	StructuredAddress/CountryID	Check schemeID. Must be TERRITORY	WAR	Invalid schemeID
ISR-L01-00-0092	Structured Address	StructuredAddress/CountryID	Check code. Must exist in the list Specified. in attribute schemeID	WAR	Invalid code for StructuredAddress/CountryID

8.4.4. Rules for Vessel_Geographical Coordinates entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0033	Vessel_Geographical Coordinates	Vessel_Geographical Coordinate / Latitude	Must be present	WAR	Latitude is not provided
ISR-L01-00-0038	Vessel_Geographical Coordinates	Vessel_Geographical Coordinate / Latitude	Must be a number	WAR	Latitude is not a number
ISR-L01-00-0039	Vessel_Geographical Coordinates	Vessel_Geographical Coordinate / Latitude	Must be between -90 and 90	WAR	Latitude value is incorrect
ISR-L00-00-0034	Vessel_Geographical Coordinates	Vessel_Geographical Coordinate / Longitude	Must be present	WAR	Longitude is not provided
ISR-L01-00-0040	Vessel_Geographical Coordinates	Vessel_Geographical Coordinate / Longitude	Must be a number	WAR	Longitude is not a number

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0041	Vessel_ Geographical Coordinates	Vessel_ Geographical Coordinate / Longitude	Must be between -180 and 180	WAR	Longitude value is incorrect

8.4.5. Rules for ISRItemCharacteristic entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0035	ISR Item Characteristic	ISR Item Characteristic/TypeCode	Must be present	WAR	ISR Item Characteristic/TypeCode not provided
ISR-L01-00-0042	ISR Item Characteristic	ISR Item Characteristic/TypeCode	Check listID attribute. Must be ISR_ITEM_CHARACTERISTIC	WAR	Invalid listID
ISR-L01-00-0043	ISR Item Characteristic	ISR Item Characteristic/TypeCode	TypeCode must be in listID="ISR_ITEM_CHARACTERISTIC"	WAR	ISR Item Characteristic/TypeCode not in listID="ISR_ITEM_CHARACTERISTIC"
ISR-L01-00-0044	ISR Item Characteristic	ISR Item Characteristic/CheckInspectionCode	Check listID attribute. Must be ISR_CHECK	WAR	Invalid listID
ISR-L01-00-0045	ISR Item Characteristic	ISR Item Characteristic/CheckInspectionCode	CheckInspectionCode must be in listID="ISR_CHECK"	WAR	CheckInspectionCode is not valid
ISR-L01-00-0047	ISR Item Characteristic	ISR Item Characteristic/ValueIndicator	ValueIndicator/Indicator.String must be in listID="BOOLEAN_TYPE"	WAR	ValueIndicator is not valid
ISR-L01-00-0048	ISR Item Characteristic	ISR Item Characteristic/ValueMeasure	Must be a number	WAR	ValueMeasure is not valid
ISR-L01-00-0050	ISR Item Characteristic	ISR Item Characteristic/ValueDateTime	Date Time value must be a UTC date time according to ISO 8601 format (e.g. 2008-10- 31Z).	WAR	ValueDateTime is not valid
ISR-L01-00-0129	ISR Item Characteristic	ISR Item Characteristic/TypeCode="INSPECTION_PROGRAMME"	If provided, ValueCode must be present and in listID="ISR_INSPECTION_PROGRAMME"	WAR	Invalid Inspection Programme

8.4.6. Rules for ISRItemCharacteristic / TypeCode = "OBSERVATION_AND_COMMENTS" entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0036	Observation and Comments	IS_Report / ISRItemCharacteristic / TypeCode="OBSERVATIONS_AND_COMMENTS" / ValueCode	Must be present for each occurrence of IS_Report / ISRItemCharacteristic / TypeCode="OBSERVATION_AND_COMMENTS"	WAR	OBSERVATIONS AND COMMENTS TYPE not provided
ISR-L01-00-0051	Observation and Comments	IS_Report / ISRItemCharacteristic / TypeCode="OBSERVATIONS_AND_COMMENTS" / ValueCode	ValueCode must be in listID="ISR_OBSERV_COMMENTS_TYPE"	WAR	Code of OBSERVATIONS AND COMMENTS typenot valid

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0037	Observation and Comments	IS_Report / ISRIItemCharacteristic / TypeCode="OBSERVATIONS_AND_COMMENTS" / Value (text)	Must be present for each occurrence of IS_Report / ISRIItemCharacteristic / TypeCode="OBSERVATION_AND_COMMENTS"	WAR	OBSERVATIONS AND COMMENTS DETAILS not provided

8.4.7. Rules for Fishing_Gear entity

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0038	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear /	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "GEAR_CHECKED" +CheckInspectionCode="Yes"	WAR	Gear not provided though Gear checked
ISR-L00-00-0039	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / TypeCode	Must be present.	WAR	Gear type not provided
ISR-L01-00-0052	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / TypeCode	Check attribute listID. Must be GEAR_TYPE	WAR	Invalid listID provided
ISR-L01-00-0053	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / TypeCode	Value must be in listID="GEAR_TYPE"	WAR	Gear type not valid
ISR-L00-00-0040	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / Gear_Inspection_Event / Gear_Characteristic / TypeCode +Value	Must be present. There must be at least 1 entry	WAR	GEAR_CHARACTERISTIC not provided
ISR-L01-00-0054	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / Gear_Inspection_Event / Gear_Characteristic / TypeCode	Check attribute listID. Must be listID="FA_GEAR_CHARACTERISTIC"	WAR	Invalid listID provided
ISR-L01-00-0055	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / Gear_Inspection_Event / Gear_Characteristic / TypeCode +Value	TypeCode values in listID="FA_GEAR_CHARACTERISTIC"	WAR	GEAR_CHARACTERISTIC Code not valid

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0056	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / Gear Inspection_Event / Gear_Characteristic / TypeCode +Value	Must be non empty	WAR	GEAR CHARACTERISTIC value not provided
ISR-L01-00-0057	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / Gear Inspection_Event / Gear_Characteristic / TypeCode +Value	Must be applicable to gear type. Use "ISR_GEAR_GEAR_CHARACTER" code list	WAR	GEAR CHARACTERISTIC not applicable to the type of gear
ISR-L01-00-0058	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / Gear Inspection_Event / Gear_Characteristic / TypeCode +Value	For each GEAR CHARACTERISTIC, the Value data type must match that indicated in listID="FA_GEAR_CHARACTERISTIC"	ERR	GEAR CHARACTERISTIC Value data type invalid
ISR-L00-00-0042	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / AttachedFishingGearEquipment / TypeCode	Must be present for each attachment	WAR	GEAR ATTACHMENT TYPE not provided
ISR-L01-00-0059	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / AttachedFishingGearEquipment / TypeCode	Check attribute listID. Must be "FA_DEVICE_GEAR_ATTACHMENT"	WAR	Invalid listID provided
ISR-L01-00-0060	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / AttachedFishingGearEquipment / TypeCode	Value of TypeCode must be in listID="FA_DEVICE_GEAR_ATTACHMENT"	WAR	GEAR ATTACHMENT TYPE code not valid
ISR-L00-00-0043	Fishing Gear	IS_Report / Vessel_Transport Means / RoleCode="INSPECTED_VESSEL" +OnBoardFishingGear / AttachedFishingGearEquipment / Gear Equipment Inspection_Event / Gear_Characteristic / TypeCode + Value	Must be present, at least 1 per Gear_Equipment.	WAR	GEAR ATTACHMENT CHARACTERISTIC not provided
ISR-L01-00-0132	Fishing Gear	Gear Inspection_Event / Gear_Characteristic / TypeCode="TT" +ValueCode	ValueCode listID must be present with the value "ISR_TWINE_TYPE" if TypeCode="TT"	ERR	Twine Type cpde listID not provided or with wrong value

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0133	Fishing Gear	Gear Inspection_ Event / Gear_ Characteristic /TypeCode="TT" +ValueCode	ValueCode must be in code list "ISR_TWINE_TYPE"	WAR	Invalid twine type provided
ISR-L01-00-0134	Fishing Gear	Gear Inspection_ Event / Gear_ Characteristic /TypeCode="MS" +ValueCode	ValueCode listID must be present with the value "ISR_MESH_TYPE" if TypeCode="MS"	WAR	Mesh Type code listID not provided or with wrong value
ISR-L01-00-0135	Fishing Gear	Gear Inspection_ Event / Gear_ Characteristic /TypeCode="MS" +ValueCode	ValueCode must be in code list "ISR_MESH_TYPE"	WAR	Invalid mesh type provided

8.4.8. Rules for ISRItemCharacteristic / TypeCode= "SUSPECTED_INFRINGEMENT_OBS" and ISRInfringementSuspicion entities

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-00-0044	Suspected Infringement	IS_ Report / ISRItemCharacteristic / TypeCode="SUSPECTED_INFRINGEMENT_OBS"	Must be present	WAR	SUSPECTED_INFRINGEMENT_OBS must be present
ISR-L03-00-0009	Suspected Infringement	IS_ Report / ISRInfringementSuspicion	If IS_ Report / ISRItemCharacteristic / TypeCode="SUSPECTED_INFRINGEMENT_OBS" +ValueIndicator / IndicatorString ="N", ISRInfringementSuspicion must not be present	WAR	SUSPECTED_INFRINGEMENT_OBS value is NO but ISRInfringementSuspicion provided
ISR-L01-00-0068	Suspected Infringement	IS_ Report / ISRInfringementSuspicion / TypeCode	Check attribute listID. Must be in ISR_INFRINGEMENT_CLASSIF	WAR	Invalid listID provided
ISR-L01-00-0069	Suspected Infringement	IS_ Report / ISRInfringementSuspicion / TypeCode	TypeCode Value must be in listID defined in ISR_INFRINGEMENT_CLASSIF	WAR	INFRINGEMENT TYPE not valid
ISR-L00-00-0047	Suspected Infringement	IS_ Report / ISRInfringementSuspicion / Observation/ Value (text) or IS_ Report / ISRInfringementSuspicion / Legal_ Reference/ Value (text)	Must be present and not empty if IS_ Report / ISRInfringementSuspicion / TypeCode is absent	WAR	SUSPECTED INFRINGEMENT OBSERVATIONS or LEGAL REFERENCE must be provided when SUSPECTED INFRINGEMENT TYPE is not provided
ISR-L01-00-0072	Suspected Infringement	IS_ Report / ISRInfringementSuspicion / Potential_ Serious Violation +ValueIndicator	ValueIndicator/Indicator String must be in listID="BOOLEAN_TYPE"	WAR	POTENTIAL SERIOUS VIOLATION not valid

8.4.9. Rules for FLUX_ Location / TypeCode="AREA" (Fishing Area)

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0100		FLUX_ Location /TypeCode="AREA"	Check attribute listID of TypeCode. Must be FLUX_LOCATION_TYPE	WAR	Incorrect FLUX_ Location Type Code listID
ISR-L01-00-0101		FLUX_ Location /TypeCode="AREA" +ID	Check attribute schemeID of ID. If TypeCode= AREA, schemeID value must be in ISR_AREA_TYPE	WAR	Invalid schemeID provided for FLUX_ Location of type AREA

ISR-L01-00-0102		FLUX_Location /TypeCode="AREA" +ID	Check value of ID. Must be in the code list indicated in schemeID attribute of ID.	WAR	ID of location not in the indicated schemeID.
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8.4.10. Rules for UVI/IMO NUMBER validation (ID, SchemeID="UVI")

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0103		VesselTransportMeans / ID, SchemeID="UVI"	The UVI identifier must be a valid IMO number.	ERR	The provided identifier is not a valid IMO number.

See Section 14.1 for the validation rules for UVI/IMO numbers.

8.4.11. Rules for UnitCode of a Measure

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-00-0131	Measure unit	ValueMeasure WeightMeasure	If attribute unitCode is provided, check that the value is in the code list FLUX_UNIT	WAR	Invalid measure unit code

8.5. Rules for Inspection at sea (Module 1)

All these business rules apply to any IS_Report where IS_Report / TypeCode= "AT_SEA".

8.5.1. Section 1 GENERAL REFERENCE DATA

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Must be present	ERR	The report identification is not provided
ISR-L01-01-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Check attribute schemeID. Must be EU_ISR_ID	ERR	Invalid schemeID provided
ISR-L01-01-0002	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	value must follow schemeID="EU_ISR_ID" (see section 6.2.3).	ERR	The report identification is not a valid EU_ISR_ID
ISR-L03-01-0001	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	Must be unique if PurposeCode="9" (new submission)	WAR	The report identification is not unique
ISR-L00-01-0002	REPORT DATE	IS_Report / Reference.DateTime	Must be present	ERR	The Report Date is not provided
ISR-L01-01-0003	REPORT DATE	IS_Report / Reference.DateTime	IS_Report / Reference.DateTime value must be a UTC date time according to ISO 8601 format	ERR	The Report Date format is not valid.
ISR-L00-01-0005	REPORT CONTEXT	IS_Report / ContextTypeCode	Must be present	WAR	The report context is not provided
ISR-L01-01-0006	REPORT CONTEXT	IS_Report / ContextTypeCode	Check attribute listID. Must be ISR_REPORT_CONTEXT	WAR	Invalid listID provided
ISR-L01-01-0007	REPORT CONTEXT	IS_Report / ContextTypeCode	value must be in listID="ISR_REPORT_CONTEXT"	WAR	The report context is not valid
ISR-L00-01-0006	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" ContactParty	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" must be present	ERR	The Control Party is not provided
ISR-L01-01-0008	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"+ID	Check attribute schemeID. Must be ISR_CONTROL_PARTY	ERR	Invalid schemeID provided
ISR-L01-01-0009	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"+ID	value must be in schemeID="ISR_CONTROL_PARTY"	ERR	The Control Party value is not valid
ISR-L00-01-0007	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must be present	WAR	The Control authority is not provided
ISR-L01-01-0090	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must not be empty	WAR	The Control authority is empty
ISR-L01-01-0010	DATE/TIME ARRIVED ON BOARD	IS_Report / IS_Event / TypeCode= "INSPECTION" +Subordinate IS_Event / TypeCode= "PRESENCE_ON_BOARD" +Subordinate IS_Event / OccurrenceDelimited_Period / Start.DateTime	IS_Report / IS_Event / Subordinate IS_Event / OccurrenceDelimitedPeriod / Start.DateTime value must be a UTC date time according to ISO 8601 format	WAR	The DateTime format for PRESENCE ON BOARD is not valid
ISR-L02-01-0010	DATE/TIME ARRIVED ON BOARD	IS_Report / IS_Event / Subordinate IS_Event / TypeCode= "PRESENCE_ON_BOARD" +Subordinate IS_Event / OccurrenceDelimitedPeriod / Start.DateTime	Start.DateTime of presence on board value must be equal or before the Date/Time of start of the inspection	WAR	The DateTime for PRESENCE ON BOARD must not be after the DATE/TIME OF THE INSPECTION - START
ISR-L00-01-0009	DATE/TIME OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode= "INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / Start.DateTime must be present	ERR	The DateTime of the start of the inspection is not provided.
ISR-L01-01-0011	DATE/TIME OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode= "INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / Start.DateTime	ERR	The DateTime of the start of the inspection format is not valid.

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
			value must be a UTC date time according to ISO 8601 format		
ISR-L00-01-0010	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime must be present	WAR	The DateTime of the end of the inspection is not provided.
ISR-L01-01-0012	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime value must be a UTC date time according to ISO 8601 format	WAR	The DateTime of the end of the inspection format is not valid.
ISR-L02-01-0001	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	End.DateTime value must be > Start.DateTime	WAR	The DateTime of the end of the inspection is before the DateTime of the start.
ISR-L01-01-0013	DATE/TIME OF DEPARTURE FROM VESSEL	IS_Report / IS_Event / Subordinate IS_Event / TypeCode="PRESENCE_ON_BOARD"; IS_Report / IS_Event / Subordinate IS_Event / OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / Subordinate IS_Event / OccurrenceDelimitedPeriod / End.DateTime value must be a UTC date time according to ISO 8601 format	WAR	The DateTime of departure from the vessel format is not valid.
ISR-L02-01-0002	DATE/TIME OF DEPARTURE FROM VESSEL	IS_Report / IS_Event / Subordinate IS_Event / TypeCode="PRESENCE_ON_BOARD"; IS_Report / IS_Event / Subordinate IS_Event / OccurrenceDelimitedPeriod / End.DateTime	End.DateTime value must be > Start.DateTime	WAR	The DateTime of departure from the vessel is before the DateTime of the arrival on board.

8.5.2. Section 2 INSPECTION MEANS

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0011	PATROL VESSEL	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL"	Must be present	ERR	The patrol vessel is not provided
ISR-L00-01-0012	FLAG	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Registration Vessel_Country	Must be present	ERR	The Patrol Vessel's Flag State is not provided.
ISR-L01-01-0014	FLAG	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Registration Vessel_Country	Check attribute schemeID. Must be TERRITORY	ERR	Invalid schemeID provided
ISR-L01-01-0015	FLAG	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Registration Vessel_Country / ID	ID must be in schemeID="TERRITORY"	ERR	Flag State value is not valid.
ISR-L00-01-0013	NAME	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Name	Must be present	WAR	The patrol vessel name is not provided
ISR-L01-01-0016	EXTERNAL REGISTRATION NUMBER/PENNANT NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"	Check attribute schemeID. Must be EXT_MARK, IRCS or UVI	ERR	Invalid schemeID provided
ISR-L00-01-0014	EXTERNAL REGISTRATION NUMBER/PENNANT NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"	There must be at least one EXT_MARK, IRCS or UVI	ERR	At least one of the IRCS, External Markings or UVI must be provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0015	PATROL VESSEL POSITION EVENT	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position event	Must be present	WAR	The position of the patrol vessel is not provided
ISR-L00-01-0016	GEOGRAPHICAL COORDINATES	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position_Event / Specified. Vessel_Geographical Coordinate /	Must be present	WAR	Vessel geographical coordinates is not provided
ISR-L00-01-0018	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position_Event / ObtainedObtainedOccurrenceDateTime	Must be present	WAR	DateTime of patrol vessel position not provided
ISR-L01-01-0021	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position_Event / ObtainedObtainedOccurrenceDateTime	must be a UTC date time according to ISO 8601 format	WAR	DateTime of patrol vessel position not in a valid format
ISR-L02-01-0003	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position_Event / ObtainedObtainedOccurrenceDateTime	Must be the same as Start of inspection date/time	WAR	DateTime of patrol vessel position not the same as Start of Inspection
ISR-L00-01-0019	LOCATION OF THE PATROL VESSEL	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +FLUX_Location /TypeCode="AREA" /ID	Must be present	WAR	Location of patrol vessel not provided
ISR-L00-01-0020	INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE"	Must be present.	WAR	Inspector in charge not provided
ISR-L01-01-0024	INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE"	Check attribute listID. Must be FLUX_CONTACT_ROLE	WAR	Invalid listID provided
ISR-L00-01-0021	NAME or ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person or IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE", IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person or IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID must be present	WAR	Inspector in charge Name or ID must be provided
ISR-L00-01-0110	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person / Given Name	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person is present, Given Name Must be present	WAR	Inspector in charge Given Name must be present
ISR-L01-01-0091	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person Contact_Person / Given Name	Given Name Must not be empty	WAR	Inspector in charge Given Name must not be empty
ISR-L00-01-0111	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person Contact_Person / Family Name	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person is present, Family name must be present	WAR	Inspector in charge Family Name must be present
ISR-L01-01-0092	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person Contact_Person / Family Name	Family name must not be empty	WAR	Inspector in charge Family Name must not be empty
ISR-L01-01-0110	ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-01-0111	ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0022	NATIONALITY	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Nationality_Country	Must be present if IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" is present.	WAR	Inspector in charge nationality not provided
ISR-L01-01-0025	NATIONALITY	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-01-0026	NATIONALITY	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Nationality_Country / ID	ID must be in schemeID="TERRITORY"	WAR	Inspector in charge nationality value not valid
ISR-L00-01-0023	SECOND INSPECTOR	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR"	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" must be present	WAR	Second inspector not provided
ISR-L00-01-0024	NAME or ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person or IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + ID	If IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" is present IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person or IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + ID must be present.	WAR	Second inspector Name or ID not provided
ISR-L00-01-0112	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Given Name	If IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person is present, Given Name Must be present	WAR	Second inspector Given Name must be present
ISR-L01-01-0093	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Given Name	Given Name Must not be empty	WAR	Second inspector Given Name must not be empty
ISR-L00-01-0113	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Family Name	If IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person is present, Family name must be present	WAR	Second inspector Family Name must be present
ISR-L01-01-0094	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Family Name	Family name must not be empty	WAR	Second inspector Family Name must not be empty
ISR-L01-01-0112	ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-01-0113	ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-01-0025	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Nationality_Country	Must be present if IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" is present.	WAR	Second inspector nationality not provided
ISR-L01-01-0027	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-01-0028	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Second inspector nationality value not valid
ISR-L00-01-0026	NAME or ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person or IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID	If IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" is present IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" / Contact_Person or IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID must be present.	WAR	Other inspector name or ID not provided
ISR-L00-01-0114	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Given Name	If IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" / Contact_Person is present, Given Name Must be present	WAR	Other inspector Given Name must be present

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-01-0095	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Given Name	Given Name Must not be empty	WAR	Other inspector Given Name must not be empty
ISR-L00-01-0115	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Family Name	If IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" / Contact_Person is present, Family name must be present	WAR	Other inspector Family Name must be present
ISR-L01-01-0096	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Family Name	Family name must not be empty	WAR	Other inspector Family Name must not be empty
ISR-L01-01-0114	ID	IS_Report / ContactParty / RoleCode = «OTHER_INSPECTOR» + ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-01-0115	ID	IS_Report / ContactParty / RoleCode = «OTHER_INSPECTOR» + ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-01-0027	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	if IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" is present, must be present .	WAR	Other inspector nationality not provided
ISR-L01-01-0029	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-01-0030	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Other inspector nationality value not valid

8.5.3. Section 3 PRE-INSPECTION

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0028	BOARDING LADDER CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "BOARDING_LADDER_CHECKED" + CheckInspectionCode	Must be present	WAR	BOARDING LADDER CHECK not provided
ISR-L00-01-0126	VESSEL FISHING LOGBOOK COMPLETED BEFORE INSPECTION CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "LOGBOOK_BEFORE_INSPECT_CHECK" + CheckInspectionCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	VESSEL FISHING LOGBOOK COMPLETED BEFORE INSPECTION CHECK not provided
ISR-L00-01-0127	VESSEL FISHING LOGBOOK COMPLETED BEFORE INSPECTION CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "LOGBOOK_BEFORE_INSPECT_CHECK" + CheckInspectionCode + ValueIndicator	ValueIndicator must be present if CheckInspectionCode="Yes"	WAR	VESSEL FISHING LOGBOOK COMPLETED BEFORE INSPECTION CHECKED but ValueIndicator not provided

8.5.4. Section 4 INSPECTED VESSEL

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0029	INSPECTED VESSEL	IS_report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL"	Must be present	ERR	INSPECTED VESSEL not provided
ISR-L01-01-0031	INSPECTED VESSEL	IS_report / VesselTransportMeans / RoleCode	IS_report / VesselTransportMeans / RoleCode must be in listID="ISR_VESSEL_ROLE"	WAR	INSPECTED VESSEL RoleCode not in listID="ISR_VESSEL_ROLE"
ISR-L00-01-0030	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" + Name	Must be present.	WAR	The Inspected vessel name is not provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0031	FLAG	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Registration Vessel_Country	Must be present.	ERR	The Inspected Vessel's Flag State is not provided.
ISR-L01-01-0032	FLAG	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Registration Vessel_Country	Check attribute schemeID. Must be TERRITORY	ERR	Invalid schemeID provided
ISR-L01-01-0033	FLAG	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Registration Vessel_Country	ID must be in schemeID="TERRITORY"	ERR	Flag State value is not valid.
ISR-L00-01-0032	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +TypeCode	Must be present.	WAR	The Inspected vessel type is not provided
ISR-L01-01-0034	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +TypeCode	Check attribute listID. Must be VESSEL_TYPE	WAR	Invalid listID provided
ISR-L01-01-0035	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +TypeCode	TypeCode must be in listID="VESSEL_TYPE"	WAR	The Inspected vessel type is not valid
ISR-L01-01-0036	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	Check attribute schemeID. Must be EXT_MARK, IRCS, UVI or CFR	ERR	Invalid schemeID provided
ISR-L00-01-0033	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	There must be at least one EXT_MARK, IRCS UVI or CFR	ERR	At least one of the IRCS, External Markings, UVI or CFR must be provided
ISR-L02-01-0011	COMMUNITY FLEET REGISTER NUMBER	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ID / schemeID="CFR"	If EU-flagged vessel, CFR must be provided	WAR	EU-flagged vessel, but no CFR provided
ISR-L02-01-0012	COMMUNITY FLEET REGISTER NUMBER	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ID / schemeID="CFR"	Vessel_Country must be in EU when CFR is given	WAR	CFR provided but Inspected vessel flag not in EU
ISR-L00-01-0116	INSPECTED VESSEL POSITION EVENT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Vessel Position_Event	Must be present. Can be same as Patrol Vessel	WAR	Inspected vessel position not provided
ISR-L00-01-0034	GEOGRAPHICAL COORDINATES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Vessel Position_Event / Specified. Vessel_Geographical Coordinate /	Must be present	WAR	Vessel geographical coordinates is not provided
ISR-L00-01-0036	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Vessel Position_Event / ObtainedOccurrenceDateTime	Must be present	WAR	DateTime of inspected vessel position not provided
ISR-L01-01-0041	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Vessel Position_Event / ObtainedOccurrenceDateTime	Must be an UTC date time according to ISO 8601 format)	WAR	DateTime of inspected vessel position not in a valid format
ISR-L02-01-0005	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Vessel Position_Event / ObtainedOccurrenceDateTime	Must be the same DateTime value as that of the Start of the Inspection	WAR	DateTime of the position is different from DateTime of start of the inspection
ISR-L00-01-0038	ACTIVITY	IS_Report / ISRItemCharacteristic / TypeCode="VESSEL_ACTIVITY" +ValueCode	Must be present.	WAR	Inspected VESSEL ACTIVITY not provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-01-0044	ACTIVITY	IS_Report / ISRIItemCharacteristic / TypeCode="VESSEL_ACTIVITY" +ValueCode	Check attribute listID. Must be VESSEL_ACTIVITY	WAR	Invalid listID provided
ISR-L01-01-0045	ACTIVITY	IS_Report / ISRIItemCharacteristic / TypeCode="VESSEL_ACTIVITY" +ValueCode	Value must be in listID="VESSEL_ACTIVITY"	WAR	invalid VESSEL ACTIVITY provided
ISR-L00-01-0039	VMS OPERATIONAL CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "VMS_OPERATIONAL" +CheckInspectionCode	Must be present.	WAR	VMS OPERATIONAL check not provided
ISR-L00-01-0040	VMS OPERATIONAL CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "VMS_OPERATIONAL" +CheckInspectionCode +Value (text)	If the Inspected Vessel's Flag (Registration. Vessel_Country) is not in EU, Value (text) must be present	WAR	VMS OPERATIONAL Value (text) must be provided for non-EU vessels
ISR-L00-01-0041	REM OPERATIONAL CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "REM_OPERATIONAL" +CheckInspectionCode	Must be present.	WAR	REM OPERATIONAL check not provided
ISR-L00-01-0042	LAST PORT OF CALL	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL"	Must be present.	WAR	LAST PORT OF CALL not provided
ISR-L00-01-0043	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +FLUX_Location / TypeCode ="LOCATION"/ ID	Must be present.	WAR	ID of LAST PORT OF CALL not provided
ISR-L01-01-0046	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +FLUX_Location / TypeCode ="LOCATION"/ ID	Check attribute schemeID. Must be LOCATION	WAR	Invalid schemeID provided
ISR-L01-01-0047	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +FLUX_Location / TypeCode ="LOCATION"/ ID	ID must be in schemeID="LOCATION"	WAR	ID of LAST PORT OF CALL not valid
ISR-L00-01-0044	DATE	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +ValueDateTime	Must be present	WAR	Date of last call in port not provided
ISR-L00-01-0045	OWNER	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER"	Must be present.	WAR	Inspected vessel owner not provided
ISR-L00-01-0046	NAME OR LEGAL ENTITY NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER"	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="OWNER" is present ContactParty / Contact_Person OR ContactParty /Name must be present and not empty	WAR	Inspected vessel owner name not provided
ISR-L00-01-0117	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Contact_Person/Given Name	Given Name Must be present	WAR	Inspected vessel owner Given Name must be present
ISR-L01-01-0097	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Contact_Person/Given Name	Given Name Must not be empty	WAR	Inspected vessel owner Given Name must not be empty
ISR-L00-01-0118	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Contact_Person/Family Name	Family name must be present	WAR	Inspected vessel owner Family Name must be present
ISR-L01-01-0098	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /	Family name must not be empty	WAR	Inspected vessel owner Family Name must not be empty

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
		RoleCode="OWNER" +Contact_Person/Family Name			
ISR-L00-01-0047	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="OWNER" is present, must be present.	WAR	Inspected vessel owner nationality not provided
ISR-L01-01-0049	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-01-0050	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel owner nationality not valid
ISR-L00-01-0048	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Structured_Address	If IS_Report / ContactParty / RoleCode ="OWNER" is present, must be present.	WAR	Inspected vessel owner address not provided
ISR-L00-01-0049	CHARTERER	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER"	Must be present.	WAR	Inspected vessel charterer not provided
ISR-L00-01-0050	NAME OR LEGAL ENTITY NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER"	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="CHARTERER" is present ContactParty / Contact_Person OR ContactParty /Name must be present and not empty	WAR	Inspected vessel charterer name not provided
ISR-L00-01-0119	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Contact_Person / Given Name	Given Name Must be present	WAR	Inspected vessel charterer Given Name must be present
ISR-L01-01-0099	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Contact_Person / Given Name	Given Name Must not be empty	WAR	Inspected vessel charterer Given Name must not be empty
ISR-L00-01-0120	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Contact_Person / Family Name	Family name must be present	WAR	Inspected vessel charterer Family Name must be present
ISR-L01-01-0100	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Contact_Person / Family Name	Family name must not be empty	WAR	Inspected vessel charterer Family Name must not be empty
ISR-L00-01-0051	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="CHARTERER" is present, must be present.	WAR	Inspected vessel charterer nationality not provided
ISR-L01-01-0052	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-01-0053	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel charterer nationality not valid

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0052	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Structured_Address	If IS_Report / ContactParty / RoleCode ="CHARTERER" is present, must be present.	WAR	Inspected vessel charterer address not provided
ISR-L00-01-0053	AGENT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT"	Must be present.	WAR	Inspected vessel agent not provided
ISR-L00-01-0054	NAME OR LEGAL ENTITY NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT"	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="AGENT" is present ContactParty / Contact_Person OR ContactParty /Name must be present and not empty	WAR	Inspected vessel agent name not provided
ISR-L00-01-0121	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Contact_Person /Given Name	Given Name Must be present	WAR	Inspected vessel agent Given Name must be present
ISR-L01-01-0101	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Inspected vessel agent Given Name must not be empty
ISR-L00-01-0122	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Contact_Person /Family Name	Family name must be present	WAR	Inspected vessel agent Family Name must be present
ISR-L01-01-0102	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Contact_Person /Family Name	Family name must not be empty	WAR	Inspected vessel agent Family Name must not be empty
ISR-L00-01-0055	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="AGENT" is present, must be present.	WAR	Inspected vessel agent nationality not provided
ISR-L01-01-0055	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-01-0056	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel agent nationality not valid
ISR-L00-01-0056	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Structured_Address	If IS_Report / ContactParty / RoleCode ="AGENT" is present, must be present.	WAR	Inspected vessel agent address not provided
ISR-L00-01-0057	MASTER	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="MASTER"	Must be present.	ERR	Inspected vessel master not provided
ISR-L00-01-0058	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Contact_Person /	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="MASTER" is present IS_Report / VesselTransportMeans / ContactParty / RoleCode="MASTER" / Contact_Person must be present	ERR	Inspected vessel master contact not provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0123	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Contact_Person /Given Name	Given Name Must be present	ERR	Inspected vessel master Given Name must be present
ISR-L01-01-0103	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Contact_Person /Given Name	Given Name Must not be empty	ERR	Inspected vessel master Given Name must not be empty
ISR-L00-01-0124	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Contact_Person /Family Name	Family name must be present	ERR	Inspected vessel master Family Name must be present
ISR-L01-01-0104	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Contact_Person /Family Name	Family name must not be empty	ERR	Inspected vessel master Family Name must not be empty
ISR-L00-01-0059	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Nationality_Country	If IS_Report / ContactParty / RoleCode ="MASTER" is present, must be present.	WAR	Inspected vessel master nationality not provided
ISR-L01-01-0058	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-01-0059	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel agent nationality not valid
ISR-L00-01-0060	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Structured_Address	If IS_Report / ContactParty / RoleCode ="MASTER" is present, must be present.	WAR	Inspected vessel master address not provided

8.5.5. Section 5 DOCUMENTS & AUTHORISATIONS

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0061	DOCUMENTS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" +CheckInspectionCode	Must be present.	WAR	Documents check not provided
ISR-L00-01-0062	CERTIFICATE OF REGISTRY ID CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "CERTIF_REGISTRY_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	CERTIFICATE OF REGISTRY ID CHECK not provided
ISR-L00-01-0063	CERTIFICATE OF REGISTRY ID CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "CERTIF_REGISTRY_CHECK" +CheckInspectionCode +Value (text)	if CheckInspectionCode="Yes" & Vessel_Country not in EU, Value (text) must be present	WAR	CERTIFICATE OF REGISTRY ID CHECK Value (text) must be provided for non EU vessels
ISR-L00-01-0064	PROPULSION POWER CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "ENGINE_PROP_POWER_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	PROPULSION POWER CHECK not provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0065	PROPULSION POWER DETAILS	IS_Report / ISRItemCharacteristic / TypeCode = "ENGINE_PROP_POWER_CHECK" +Value (text)	if IS_Report / ISRItemCharacteristic / TypeCode = "ENGINE_PROP_POWER_CHECK" / CheckInspectionCode="Yes", Value (text) must be present	WAR	PROPULSION POWER DETAILS not provided
ISR-L00-01-0066	FISHING LICENCE CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "FISHING_LICENCE_CHECKED" +CheckInspectionCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	FISHING LICENCE CHECK not provided
ISR-L00-01-0067	FISHING LICENCE DETAILS	IS_Report / ISRItemCharacteristic / TypeCode = "FISHING_LICENCE_CHECKED" +Value (text)	if CheckInspectionCode="Yes" & Vessel_Country not in EU, Value (text) must be present	WAR	FISHING LICENCE DETAILS must be provided for non-EU vessels
ISR-L00-01-0068	FISHING AUTHORISATION CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "FISHING_AUTHORISATION_CHECKED" +CheckInspectionCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	FISHING AUTHORISATION CHECK not provided
ISR-L00-01-0128	FISHING AUTHORISATION CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "FISHING_AUTHORISATION_CHECKED" +CheckInspectionCode +ValueIndicator	ValueIndicator must be present if CheckInspectionCode="Yes"	WAR	Fishing autorisation checked but the result (ValueIndicator) is not provided
ISR-L00-01-0069	FISHING AUTHORISATION DETAILS	IS_Report / ISRItemCharacteristic / TypeCode = "FISHING_AUTHORISATION_CHECKED" +Value (text)	if CheckInspectionCode="Yes" & Vessel_Country not in EU, Value (text) must be present	WAR	FISHING AUTHORISATION DETAILS must be provided for non-EU vessels
ISR-L00-01-0070	PAPER FISHING LOGBOOK CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	PAPER FISHING LOGBOOK CHECK not provided
ISR-L00-01-0071	NUMBER OF PAPER FISHING LOG SHEET	IS_Report / ISRItemCharacteristic / TypeCode = "NB_OF_PAPER_FISHING_LOG_SHEET" +Value. Quantity	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode="Yes"	WAR	NUMBER OF PAPER FISHING LOG SHEET not provided
ISR-L00-01-0072	FIRST LOG SHEET NUMBER	IS_Report / ISRItemCharacteristic / TypeCode = "FIRST_LOG_SHEET_NUMBER" +Value (text)	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode="Yes"	WAR	FIRST LOG SHEET NUMBER not provided
ISR-L00-01-0073	LAST LOG SHEET NUMBER	IS_Report / ISRItemCharacteristic / TypeCode = "LAST_LOG_SHEET_NUMBER" +Value (text)	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode="Yes"	WAR	LAST LOG SHEET NUMBER not provided
ISR-L00-01-0074	ELECTRONIC FISHING LOGBOOK CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "E_FISHING_LOGBOOK_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	ELECTRONIC FISHING LOGBOOK CHECK not provided
ISR-L00-01-0125	PRIOR NOTIFICATION REFERENCE CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "PRIOR_NOTIFICATION_REF_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	PRIOR NOTIFICATION REFERENCE CHECK not provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0075	PURPOSE OF PRIOR NOTIFICATION	IS_Report / ISRItemCharacteristic / TypeCode = "PURPOSE_OF_PRIOR_NOTIFICATION" +ValueCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "PRIOR_NOTIFICATION_REF_CHECK" / CheckInspectionCode="Yes" & ValueIndicator / IndicatorString ="Y"; ValueCode must be in listID="FA_REASON_ARRIVAL"	WAR	PURPOSE OF PRIOR NOTIFICATION not provided
ISR-L00-01-0076	PRODUCER ORGANISATION REFERENCE	IS_Report / ISRItemCharacteristic / TypeCode = "MEMBER_PRODUCER_ORGANISATION" +Value (text)	Must only be present if IS_Report / ISRItemCharacteristic / TypeCode = "MEMBER_PRODUCER_ORGANISATION" / ValueIndicator / IndicatorString ="Y"; Value (text) must not be empty	WAR	PRODUCER ORGANISATION REFERENCE must be provided if vessel is a member of a PO

8.5.6. Section 6 GEAR

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0077	GEAR CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "GEAR_CHECKED" +CheckInspectionCode	Must be present.	WAR	GEAR CHECK not provided
ISR-L00-01-0078	EC GAUGE CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "EC_GAUGE_CHECKED" +CheckInspectionCode	Must be present if one mesh size has been measured (i.e. there is at least one occurrence of Gear_Characteristic where TypeCode="ME")	WAR	inspected net mesh size measured but EC GAUGE CHECK not provided
ISR-L00-01-0079	EC GAUGE CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "EC_GAUGE_CHECKED" +CheckInspectionCode	If at least one mesh size has been measured (i.e. there is at least one occurrence of Gear_Characteristic where TypeCode="ME"), CheckInspectionCode cannot be NOT_APPLICABLE	WAR	EC GAUGE CHECK check value cannot be NOT_APPLICABLE. when a net mesh size has been measured

See also Common Business Rules (Section 8.4.7).

8.5.7. Section 7 CATCH / PRODUCT

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0080	CATCH ON BOARD CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode	Must be present.	WAR	CATCH ON BOARD CHECK not provided
ISR-L00-01-0081	MARGIN OF TOLERANCE PER SPECIES CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "MARGIN_TOL_SPECIES_CHECK" +CheckInspectionCode	Must be present only if IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode="Yes"	WAR	MARGIN OF TOLERANCE PER SPECIES CHECK not provided
ISR-L00-01-0082	SEPARATE REGISTRATION OF UNDERSIZED FISH CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "SEP_REG_UNDERSIZED_CHECK" +CheckInspectionCode	Must be present only if IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode="Yes"	WAR	SEPARATE REGISTRATION OF UNDERSIZED FISH CHECK not provided
ISR-L00-01-0083	SEPARATE STOWAGE FOR UNDERSIZED FISH CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "SEP_STOW_UNDERSIZED_CHECK" +CheckInspectionCode	Must be present only if IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode="Yes"	WAR	SEPARATE STOWAGE FOR UNDERSIZED FISH CHECK not provided
ISR-L00-01-0084	SEPARATE STOWAGE FOR DEMERSAL STOCKS UNDER MULTI-ANNUAL PLANS CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "SEP_STOW_DEMERSAL_CHECK" +CheckInspectionCode	Must be present only if IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode="Yes"	WAR	SEPARATE STOWAGE FOR DEMERSAL STOCKS UNDER MULTI-ANNUAL PLANS CHECK not provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0085	CATCH RETAINED ON BOARD	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD"	Must be present only if IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode="Yes"; There must be at least 1 entry	WAR	CATCH RETAINED ON BOARD not provided
ISR-L00-01-0086	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +SpeciesCode	Must be present.	WAR	SPECIES not provided
ISR-L01-01-0061	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +SpeciesCode	Check attribute listID . Must be FAO_SPECIES	WAR	Invalid listID provided
ISR-L01-01-0062	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +SpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid
ISR-L00-01-0087	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +WeightMeasure	WeightMeasure or UnitQuantity must be present.	WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-01-0063	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number
ISR-L01-01-0064	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
				WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-01-0065	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +UnitQuantity	UnitQuantity Must be a number	WAR	NUMBER OF FISHES not a number
ISR-L01-01-0066	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +UnitQuantity	UnitQuantity must be >0	WAR	NUMBER OF FISHES must be >0
ISR-L00-01-0089	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode listID="FISH_PRESENTATION"	Must be present.	WAR	FISH PRESENTATION not provided
ISR-L01-01-0068	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode listID="FISH_PRESENTATION"	TypeCode Value must be in listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not valid
ISR-L00-01-0090	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode listID="FISH_PRESERVATION"	Must be present.	WAR	FISH PRESERVATION FORM not provided
ISR-L01-01-0070	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode listID="FISH_PRESERVATION"	TypeCode Value must be in listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not valid

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0091	CATCH AREA	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +FLUX_Location /TypeCode="AREA" +ID	Must be present	WAR	CATCH AREA not provided
ISR-L00-01-0092	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +Specified. Size_Distribution / ClassCode	Must be present	WAR	UNDERSIZE FISH not provided
ISR-L01-01-0074	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +Specified. Size_Distribution / ClassCode	Check attribute listID. Must be FISH_SIZE_CLASS	WAR	Invalid listID provided
ISR-L01-01-0075	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +Specified. Size_Distribution / ClassCode	ClassCode Value must be in listID="FISH_SIZE_CLASS"	WAR	UNDERSIZE FISH code not valid
ISR-L00-01-0093	DISCARD RECORDS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "DISCARD_RECORDS_CHECKED" +CheckInspectionCode	Must be present only if IS_Report / ISRIItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode="Yes"	WAR	DISCARD RECORDS CHECK not provided
ISR-L00-01-0094	DISCARD RECORDS	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="DISCARDED"	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DISCARD_RECORDS_CHECKED" / ValueIndicator / IndicatorString="Y"; There must be at least 1 entry	WAR	DISCARD RECORDS CHECKED but no discard records provided
ISR-L00-01-0095	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="DISCARDED" +SpeciesCode	Must be present.	WAR	SPECIES not provided
ISR-L01-01-0076	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="DISCARDED" +SpeciesCode	Check attribute listID . Must be FAO_SPECIES	WAR	Invalid listID provided
ISR-L01-01-0077	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="DISCARDED" +SpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid
ISR-L00-01-0096	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="DISCARDED" +WeightMeasure	WeightMeasure or UnitQuantity must be present.	WAR	WEIGHT or NUMBER OF FISHES not provided
ISR-L01-01-0078	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="DISCARDED" +WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number
ISR-L01-01-0079	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="DISCARDED" +WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
ISR-L01-01-0105	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="DISCARDED" + UnitQuantity	Unit Quantity must be a number	WAR	NUMBER OF FISHES not a number

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-01-0106	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="DISCARDED" + UnitQuantity	UnitQuantity must be > 0	WAR	NUMBER OF FISHES is <= to zero

8.5.8. Section 8 OBSERVATIONS AND COMMENTS

See section 8.4.6.

8.5.9. Section 9 SUSPECTED INFRINGEMENTS

See section 8.4.8.

8.5.10. Section 10 INSPECTION CLOSURE

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-01-0097	ACTIONS TAKEN	IS_Report / ISRIItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +ValueIndicator	Must be present.	WAR	ACTIONS TAKEN not provided
ISR-L00-01-0098	ACTIONS TAKEN DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +Value (text)	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +ValueIndicator / IndicatorString="Y"	WAR	ACTIONS TAKEN DETAILS not provided
ISR-L00-01-0099	INSPECTOR IN CHARGE SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode = "INSPECTOR_IN_CHARGE_SIGNATURE" +ValueIndicator	Must be present.	WAR	INSPECTOR IN CHARGE SIGNATURE not provided
ISR-L00-01-0100	MASTER SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode = "MASTER_SIGNATURE" +ValueIndicator	Must be present.	WAR	MASTER SIGNATURE not provided

8.6. Rules for Inspection during transshipment (Module 2)

All these business rules apply to any IS_Report where IS_Report / TypeCode= "TRANSHIPMENT".

8.6.1. Section 1 GENERAL REFERENCE DATA

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Must be present	ERR	The report identification is not provided
ISR-L01-02-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Check attribute schemeID. Must be EU_ISR_ID	ERR	Invalid schemeID provided
ISR-L01-02-0002	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	value must follow schemeID="EU_ISR_ID" (see section 6.2.3)	ERR	The report identification is not a valid EU_ISR_ID
ISR-L03-02-0001	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	Must be unique if PurposeCode="9" (new submission)	WAR	The report identification is not unique
ISR-L00-02-0002	REPORT DATE	IS_Report / Reference.DateTime	Must be present	ERR	The Report Date is not provided
ISR-L01-02-0003	REPORT DATE	IS_Report / Reference.DateTime	IS_Report / Reference.DateTime value must be a UTC date time according to ISO 8601 format	ERR	The Report Date format is not valid.
ISR-L00-02-0004	REPORT CONTEXT	IS_Report / ContextTypeCode	Must be present	WAR	The report context is not provided
ISR-L01-02-0006	REPORT CONTEXT	IS_Report / ContextTypeCode	Check attribute listID. Must be ISR_REPORT_CONTEXT	WAR	Invalid listID provided
ISR-L01-02-0007	REPORT CONTEXT	IS_Report / ContextTypeCode	value must be in listID="ISR_REPORT_CONTEXT"	WAR	The report context is not valid
ISR-L00-02-0005	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"+ID	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" must be present	ERR	The Control Party is not provided
ISR-L01-02-0008	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"+ID	Check attribute schemeID. Must be ISR_CONTROL_PARTY	ERR	Invalid schemeID provided
ISR-L01-02-0009	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"+ID	ID must be in schemeID="ISR_CONTROL_PARTY"	ERR	The Control Party value is not valid
ISR-L00-02-0006	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must be present	WAR	The Control authority is not provided
ISR-L01-02-0110	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must not be empty	WAR	The Control authority must not be empty
ISR-L00-02-0007	DATE/TIME OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / Start.DateTime must be present	ERR	The DateTime of the start of the inspection is not provided.
ISR-L01-02-0010	DATE/TIME OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / Start.DateTime value must be a UTC date time according to ISO 8601 format	ERR	The DateTime of the start of the inspection format is not valid.
ISR-L00-02-0008	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime must be present	WAR	The DateTime of the end of the inspection is not provided.
ISR-L01-02-0011	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime value must be a UTC date time according to ISO 8601 format	WAR	The DateTime of the end of the inspection format is not valid.

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L02-02-0001	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode= "INSPECTION" +OccurrenceDelimitedPeriod / End.DateTime	End.DateTime value must be > Start.DateTime	WAR	The DateTime of the end of the inspection is before the DateTime of the start.
ISR-L00-02-0009	RELATED INSPECTION REPORT REFERENCE	IS_Report / ISRItemCharacteristic / TypeCode="RELATED_TRX_INSPECTION_REPORT" +Value (text)	Must be present	WAR	The related report identification is not provided
ISR-L01-02-0012	RELATED INSPECTION REPORT REFERENCE	IS_Report / ISRItemCharacteristic / TypeCode="RELATED_TRX_INSPECTION_REPORT" +Value (text)	value must follow schemeID="EU_ISR_ID"	WAR	The related report identification format is not valid.
ISR-L03-02-0002	RELATED INSPECTION REPORT REFERENCE	IS_Report / ISRItemCharacteristic / TypeCode="RELATED_TRX_INSPECTION_REPORT" +Value (text)	Must refer to an existing ISR	WAR	The related report does not exist
ISR-L03-02-0003	RELATED INSPECTION REPORT REFERENCE	IS_Report / ISRItemCharacteristic / TypeCode="RELATED_TRX_INSPECTION_REPORT" +Value (text)	Related. ISR must respect IS_Report / TypeCode="TRANSHIPMENT"	WAR	The related report is not a Transhipment report
ISR-L03-02-0004	RELATED INSPECTION REPORT REFERENCE	IS_Report / ISRItemCharacteristic / TypeCode="RELATED_TRX_INSPECTION_REPORT" +Value (text)	If IS_report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" then Related. ISR must respect RoleCode="INSPECTED_RECEIVING_VESSEL"	WAR	The related report is not about a receiving vessel
ISR-L03-02-0005	RELATED INSPECTION REPORT REFERENCE	IS_Report / ISRItemCharacteristic / TypeCode="RELATED_TRX_INSPECTION_REPORT" +Value (text)	If IS_report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" then Related. ISR must respect RoleCode="INSPECTED_DONOR_VESSEL"	WAR	The related report is not about a donor vessel

8.6.2. Section 2 INSPECTION MEANS

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0010	PATROL VESSEL	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL"	Must be present	ERR	The patrol vessel is not provided
ISR-L00-02-0011	FLAG	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Registration Vessel_Country	Must be present	ERR	The Patrol Vessel's Flag State is not provided.
ISR-L01-02-0013	FLAG	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Registration Vessel_Country	Check attribute schemeID. Must be TERRITORY	ERR	Invalid schemeID provided
ISR-L01-02-0014	FLAG	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Registration Vessel_Country	ID must be in schemeID="TERRITORY"	ERR	The Patrol Vessel's Flag State value is not valid.
ISR-L00-02-0012	NAME	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Name	Must be present	WAR	The patrol vessel name is not provided
ISR-L01-02-0015	EXTERNAL REGISTRATION NUMBER/PENNANT NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"	Check attribute schemeID. Must be EXT_MARK, IRCS or UVI	ERR	Invalid schemeID provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0013	EXTERNAL REGISTRATION NUMBER/PENNANT NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"	There must be at least one EXT_MARK, IRCS or UVI	ERR	At least one of the IRCS, External Markings or UVI must be provided
ISR-L00-02-0014	PATROL VESSEL POSITION EVENT	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position event	Must be present	WAR	The position of the patrol vessel is not provided
ISR-L00-02-0015	GEOGRAPHICAL COORDINATES	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position_Event / Specified. Vessel_Geographical Coordinate /	Must be present	WAR	Vessel geographical coordinates is not provided
ISR-L00-02-0017	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position_Event / ObtainedOccurrenceDateTime	Must be present	WAR	DateTime of patrol vessel position not provided
ISR-L01-02-0020	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position_Event / ObtainedOccurrenceDateTime	must be a UTC date time according to ISO 8601 format	WAR	DateTime of patrol vessel position not in a valid format
ISR-L02-02-0002	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position_Event / ObtainedOccurrenceDateTime	Must be the same as Start of inspection date/time	WAR	DateTime of patrol vessel position not the same as Start of Inspection
ISR-L00-02-0018	LOCATION OF THE PATROL VESSEL	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +FLUX_Location /TypeCode="AREA" /ID	Must be present	WAR	Location of patrol vessel not provided
ISR-L00-02-0019	INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE"	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" must be present.	WAR	Inspector in charge not provided
ISR-L00-02-0020	NAME or ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person or IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" is present IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person or IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID must be present	WAR	Inspector in charge name or ID not provided
ISR-L00-02-0110	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Given Name	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person is present, Given Name Must be present	WAR	Inspector in charge Given Name must be present
ISR-L01-02-0111	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Inspector in charge Given Name must not be empty
ISR-L00-02-0111	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Family Name	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person is present, Given Name Must be present, Family name must be present	WAR	Inspector in charge Family Name must be present
ISR-L01-02-0112	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Family Name	Family name must not be empty	WAR	Inspector in charge Family Name must not be empty
ISR-L01-02-0130	ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-02-0131	ID	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" +ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-02-0021	NATIONALITY	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" +Nationality_Country	Must be present if IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" is present.	WAR	Inspector in charge nationality not provided
ISR-L01-02-0023	NATIONALITY	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-02-0024	NATIONALITY	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspector in charge nationality value not valid
ISR-L00-02-0022	SECOND INSPECTOR	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR"	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" must be present	WAR	Second inspector not provided
ISR-L00-02-0023	NAME or ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" +Contact_Person or IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" +ID	If IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" is present IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person or IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" +ID must be present	WAR	Second inspector name or ID not provided
ISR-L00-02-0112	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" +Contact_Person /Given Name	If IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person is present, Given Name Must be present	WAR	Second inspector Given Name must be present
ISR-L01-02-0113	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Second inspector Given Name must not be empty
ISR-L00-02-0113	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" +Contact_Person /Family Name	If IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person is present, Family name must be present	WAR	Second inspector Family Name must be present
ISR-L01-02-0114	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" +Contact_Person /Family Name	Family name must not be empty	WAR	Second inspector Family Name must not be empty
ISR-L01-02-0132	ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" +ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-02-0133	ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" +ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-02-0024	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" +Nationality_Country	Must be present if IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" is present.	WAR	Second inspector nationality not provided
ISR-L01-02-0025	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-02-0026	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Second inspector nationality value not valid
ISR-L00-02-0025	NAME or ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" +Contact_Person or IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" +ID	If IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" is present IS_Report / ContactParty / Contact_Person or IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" +ID must be present	WAR	Other inspector name or ID not provided
ISR-L00-02-0114	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" +Contact_Person /Given Name	If IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" / Contact_Person is present, Given Name Must be present	WAR	Other inspector Given Name must be present

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-02-0115	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Given Name	Given Name Must not be empty	WAR	Other inspector Given Name must not be empty
ISR-L00-02-0115	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Family Name	If IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" / Contact_Person is present, Family name must be present	WAR	Other inspector Family Name must be present
ISR-L01-02-0116	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Family Name	Family name must not be empty	WAR	Other inspector Family Name must not be empty
ISR-L00-02-0026	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	Must be present if IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" is present.	WAR	Other inspector nationality not provided
ISR-L01-02-0134	ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-02-0135	ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L01-02-0027	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-02-0028	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Other inspector nationality value not valid

8.6.3. Section 3 PRE-INSPECTION

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0027	TRANSHIPMENT AUTHORISATION DETAILS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "TRX_AUTH_DETAILS_CHECK" + CheckInspectionCode	Must be provided	WAR	TRANSHIPMENT AUTHORISATION DETAILS CHECK not provided
ISR-L01-02-0029	TRANSHIPMENT AUTHORISATION DETAILS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "TRX_AUTH_DETAILS_CHECK" + CheckInspectionCode + Value (text)	if CheckInspectionCode="Yes" and ValueIndicator / IndicatorString="Y", Value (text) must be non empty	WAR	TRANSHIPMENT AUTHORISATION checked and valid, but no details provided
ISR-L01-02-0030	VMS PRE-BOARDING CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "VMS_PRE-BOARDING_CHECKED" + CheckInspectionCode + Value (text)	if vessel flag not in EU, Value (text) must be non empty	WAR	VMS PRE-BOARDING CHECKED Value (text) must not be empty for non-EU vessels

8.6.4. Section 4 INSPECTED VESSEL

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-02-0031	PORT	IS_Report / ISRIItemCharacteristic / TypeCode="PORT_OF_INSPECTION" + FLUX_Location / TypeCode ="LOCATION" + Identifier	IS_Report / ISRIItemCharacteristic / TypeCode="PORT_OF_INSPECTION" + FLUX_Location / TypeCode ="LOCATION" / ID in schemeID="LOCATION", value=UN/LOCODE	WAR	ID of port of transhipment not valid
ISR-L00-02-0028	DESIGNATED?	IS_Report / ISRIItemCharacteristic / TypeCode="DESIGNATED_PORT" + Indicator	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode="PORT_OF_INSPECTION" + FLUX_	WAR	DESIGNATED PORT status not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
			Location / TypeCode ="LOCATION" +Identifier is present		
ISR-L00-02-0029	INSPECTED VESSEL	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]"	IS_report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" must be present	ERR	INSPECTED VESSEL not provided
ISR-L00-02-0030	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +Name	Must be present.	WAR	The Inspected vessel name is not provided
ISR-L00-02-0031	FLAG	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +Registration Vessel_Country	Must be present.	ERR	The Inspected Vessel's Flag State is not provided.
ISR-L01-02-0033	FLAG	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +Registration Vessel_Country	Check attribute schemeID. Must be TERRITORY	ERR	Invalid schemeID provided
ISR-L01-02-0034	FLAG	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +Registration Vessel_Country	ID must be in schemeID="TERRITORY"	ERR	The Inspected Vessel's Flag State value is not valid.
ISR-L00-02-0032	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +TypeCode	Must be present.	WAR	The Inspected vessel type is not provided
ISR-L01-02-0035	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +TypeCode	Check attribute listID. Must be VESSEL_TYPE	WAR	Invalid listID provided
ISR-L01-02-0036	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +TypeCode	TypeCode must be in listID="VESSEL_TYPE"	WAR	The Inspected vessel type is not valid
ISR-L01-02-0037	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	Check attribute schemeID. Must be EXT_MARK, IRCS, UVI or CFR	ERR	Invalid schemeID provided
ISR-L00-02-0033	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	There must be at least one EXT_MARK, IRCS UVI or CFR	ERR	At least one of the IRCS, External Markings, UVI or CFR must be provided
ISR-L02-02-0010	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	If EU-flagged vessel, CFR must be provided	WAR	EU-flagged vessel, but no CFR provided
ISR-L02-02-0011	COMMUNITY FLEET REGISTER NUMBER	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ID / schemeID="CFR"	Vessel_Country must be in EU when CFR is given	WAR	CFR provided but Inspected vessel flag not in EU

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L02-02-0003	INSPECTED VESSEL POSITION EVENT	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/ INSPECTED_DONOR_VESSEL]" +Vessel Position_ Event	Must be present. Can be same as Patrol Vessel	WAR	Inspected vessel position not provided
ISR-L00-02-0034	GEOGRAPHICAL COORDINATES	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/ INSPECTED_DONOR_VESSEL]" +Vessel Position_ Event / Specified. Vessel_ Geographical Coordinate /	Must be present	WAR	Vessel geographical coordinates is not provided
ISR-L00-02-0036	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/ INSPECTED_DONOR_VESSEL]" +Vessel Position_ Event / ObtainedOccurrenceDateTime	Must be present	WAR	DateTime of inspected vessel position not provided
ISR-L01-02-0042	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/ INSPECTED_DONOR_VESSEL]" +Vessel Position_ Event / ObtainedOccurrenceDateTime	Must be an UTC date time according to ISO 8601 format)	WAR	DateTime of inspected vessel position not in a valid format
ISR-L02-02-0004	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/ INSPECTED_DONOR_VESSEL]" +Vessel Position_ Event / ObtainedOccurrenceDateTime	Must be the same DateTime value as that of the Start of the Inspection	WAR	DateTime of the position is different from DateTime of start of the inspection
ISR-L00-02-0038	VMS OPERATIONAL CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "VMS_OPERATIONAL" +CheckInspectionCode	Must be present.	WAR	VMS OPERATIONAL check not provided
ISR-L00-02-0039	VMS OPERATIONAL CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "VMS_OPERATIONAL" +CheckInspectionCode +Value (text)	if Vessel_ Country not in EU, Value (text) must be present	WAR	VMS OPERATIONAL Value (text) must be provided for non-EU vessels
ISR-L00-02-0040	LAST PORT OF CALL	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL"	Must be present.	WAR	LAST PORT OF CALL not provided
ISR-L00-02-0041	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +FLUX_ Location / TypeCode ="LOCATION"/ ID	Must be present.	WAR	ID of LAST PORT OF CALL not provided
ISR-L01-02-0045	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +FLUX_ Location / TypeCode ="LOCATION"/ ID	Check attribute schemeID. Must be LOCATION	WAR	Invalid schemeID provided
ISR-L01-02-0046	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +FLUX_ Location / TypeCode ="LOCATION"/ ID	ID must be in schemeID="LOCATION"	WAR	ID of LAST PORT OF CALL not valid
ISR-L00-02-0042	DATE	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +ValueDateTime	Must be present	WAR	Date of last call in port not provided
ISR-L01-02-0047	DATE	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +ValueDateTime	Must be in a valid Date format	WAR	Date of last call in port not in a valid format
ISR-L00-02-0043	OWNER	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/	Must be present.	WAR	Inspected vessel owner not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="OWNER"			
ISR-L00-02-0044	NAME OR LEGAL ENTITY NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="OWNER"	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="OWNER" is present ContactParty / Contact_Person OR ContactParty /Name must be present and not empty	WAR	Inspected vessel owner name not provided
ISR-L00-02-0116	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="OWNER" +Contact_Person /Given Name	Given Name Must be present	WAR	Given Name must be present
ISR-L01-02-0117	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="OWNER" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Given Name must not be empty
ISR-L00-02-0117	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL /INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="OWNER" +Contact_Person /Family Name	Family name must be present	WAR	Family Name must be present
ISR-L01-02-0118	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="OWNER" +Contact_Person /Family Name	Family name must not be empty	WAR	Family Name must not be empty
ISR-L00-02-0045	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="OWNER" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="OWNER" is present, must be present.	WAR	Inspected vessel owner nationality not provided
ISR-L01-02-0048	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="OWNER" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-02-0049	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="OWNER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel owner nationality not valid
ISR-L00-02-0046	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="OWNER" +Structured_Address	If IS_Report / ContactParty / RoleCode ="OWNER" is present, must be present.	WAR	Inspected vessel owner address not provided
ISR-L00-02-0047	CHARTERER	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="CHARTERER"	Must be present.	WAR	Inspected vessel charterer not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0048	NAME OR LEGAL ENTITY NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="CHARTERER"	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="CHARTERER" is present ContactParty / Contact_Person OR ContactParty /Name must be present and not empty	WAR	Inspected vessel charterer name not provided
ISR-L00-02-0118	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="CHARTERER" +Contact_Person / Given Name	Given Name Must be present	WAR	Inspected vessel charterer Given Name must be present
ISR-L01-02-0119	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="CHARTERER" +Contact_Person / Given Name	Given Name Must not be empty	WAR	Inspected vessel charterer Given Name must not be empty
ISR-L00-02-0119	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="CHARTERER" +Contact_Person / Family Name	Family name must be present	WAR	Inspected vessel charterer Family Name must be present
ISR-L01-02-0120	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="CHARTERER" +Contact_Person / Family Name	Family name must not be empty	WAR	Inspected vessel charterer Family Name must not be empty
ISR-L00-02-0049	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="CHARTERER" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="CHARTERER" is present, must be present.	WAR	Inspected vessel charterer nationality not provided
ISR-L01-02-0051	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="CHARTERER" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-02-0052	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="CHARTERER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel charterer nationality not valid
ISR-L00-02-0050	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="CHARTERER" +Structured_Address	If IS_Report / ContactParty / RoleCode ="CHARTERER" is present, must be present.	WAR	Inspected vessel charterer address not provided
ISR-L00-02-0051	AGENT	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT"	Must be present.	WAR	Inspected vessel agent not provided
ISR-L00-02-0052	NAME OR LEGAL ENTITY NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT"	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="AGENT" is present	WAR	Inspected vessel agent name not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		ECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT"	ContactParty / Contact_Person OR ContactParty /Name must be present and not empty		
ISR-L00-02-0120	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSP ECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT" +Contact_Person /Given Name	Given Name Must be present	WAR	Inspected vessel agent Given Name must be present
ISR-L01-02-0121	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSP ECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Inspected vessel agent Given Name must not be empty
ISR-L00-02-0121	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSP ECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT" +Contact_Person /Family Name	Family name must be present	WAR	Inspected vessel agent Family Name must be present
ISR-L01-02-0122	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSP ECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT" +Contact_Person /Family Name	Family name must not be empty	WAR	Inspected vessel agent Family Name must not be empty
ISR-L00-02-0053	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSP ECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="AGENT" is present, must be present.	WAR	Inspected vessel agent nationality not provided
ISR-L01-02-0054	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSP ECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-02-0055	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSP ECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel agent nationality not valid
ISR-L00-02-0054	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSP ECTED_DONOR_VESSEL]" +ContactParty / RoleCode="AGENT" +Structured_Address	If IS_Report / ContactParty / RoleCode ="AGENT" is present, must be present.	WAR	Inspected vessel agent address not provided
ISR-L00-02-0055	MASTER	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSP ECTED_DONOR_VESSEL]" +ContactParty / RoleCode="MASTER"	Must be present.	ERR	Inspected vessel master not provided
ISR-L00-02-0056	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSP ECTED_DONOR_VESSEL]" +ContactParty /RoleCode="MASTER"+Contact_Person /	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="MASTER" is present IS_Report / ContactParty / Contact_Person must be present	ERR	Inspected vessel master name not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0122	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty /RoleCode="MASTER"+Contact_Person /Given Name	Given Name Must be present	ERR	Inspected vessel master Given Name must be present
ISR-L01-02-0123	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty /RoleCode="MASTER"+Contact_Person /Given Name	Given Name Must not be empty	ERR	Inspected vessel master Given Name must not be empty
ISR-L00-02-0123	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty /RoleCode="MASTER"+Contact_Person /Family Name	Family name must be present	ERR	Inspected vessel master Family Name must be present
ISR-L01-02-0124	NAME	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty /RoleCode="MASTER"+Contact_Person /	Family name must not be empty	ERR	Inspected vessel master Family Name must not be empty
ISR-L00-02-0057	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty /RoleCode="MASTER"+Nationality_Country	If IS_Report / ContactParty / RoleCode ="MASTER" is present, must be present.	WAR	Inspected vessel master nationality not provided
ISR-L01-02-0057	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty /RoleCode="MASTER"+Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-02-0058	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty /RoleCode="MASTER"+Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel agent nationality not valid
ISR-L00-02-0058	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +ContactParty /RoleCode="MASTER"+Structured_Address	If IS_Report / ContactParty / RoleCode ="MASTER" is present, must be present.	WAR	Inspected vessel master address not provided

8.6.5. Section 5 DOCUMENTS & AUTHORISATIONS

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0059	DOCUMENTS CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" +CheckInspectionCode	Must be present.	WAR	Documents check not provided
ISR-L00-02-0060	CERTIFICATE OF REGISTRY ID CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "CERTIF_REGISTRY_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	CERTIFICATE OF REGISTRY ID CHECK not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0061	CERTIFICATE OF REGISTRY ID CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "CERTIF_REGISTRY_CHECK" +CheckInspectionCode +Value (text)	if CheckInspectionCode="Yes" & Vessel_Country not in EU, Value (text) must be present	WAR	CERTIFICATE OF REGISTRY ID CHECK Value (text) must be provided for non EU vessels
ISR-L00-02-0062	FISHING LICENCE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "FISHING_LICENCE_CHECKED" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	FISHING LICENCE CHECK not provided
ISR-L00-02-0063	FISHING LICENCE DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode = "FISHING_LICENCE_CHECKED" +Value (text)	if CheckInspectionCode="Yes" & Vessel_Country not in EU, Value (text) must be present	WAR	FISHING LICENCE DETAILS must be provided for non-EU vessels
ISR-L00-02-0064	FISHING AUTHORISATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "FISHING_AUTHORISATION_CHECKED" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	FISHING AUTHORISATION CHECK not provided
ISR-L00-02-0126	FISHING AUTHORISATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = « FISHING_AUTHORISATION_CHECKED" +CheckInspectionCode +ValueIndicator	ValueIndicator must be present if CheckInspectionCode="Yes"	WAR	Fishing autorisation checked but the result (ValueIndicator) is not provided
ISR-L00-02-0065	FISHING AUTHORISATION DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode = "FISHING_AUTHORISATION_CHECKED" +Value (text)	if CheckInspectionCode="Yes" & Vessel_Country not in EU, Value (text) must be present	WAR	FISHING AUTHORISATION DETAILS must be provided for non-EU vessels
ISR-L00-02-0066	PAPER FISHING LOGBOOK CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	PAPER FISHING LOGBOOK CHECK not provided
ISR-L00-02-0067	NUMBER OF PAPER FISHING LOG SHEET	IS_Report / ISRIItemCharacteristic / TypeCode = "NB_OF_PAPER_FISHING_LOG_SHEET" +Value. Quantity	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode="Yes"	WAR	NUMBER OF PAPER FISHING LOG SHEET not provided
ISR-L00-02-0068	FIRST LOG SHEET NUMBER	IS_Report / ISRIItemCharacteristic / TypeCode = "FIRST_LOG_SHEET_NUMBER" +Value (text)	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode="Yes"	WAR	FIRST LOG SHEET NUMBER not provided
ISR-L00-02-0069	LAST LOG SHEET NUMBER	IS_Report / ISRIItemCharacteristic / TypeCode = "LAST_LOG_SHEET_NUMBER" +Value (text)	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode="Yes"	WAR	LAST LOG SHEET NUMBER not provided
ISR-L00-02-0070	ELECTRONIC FISHING LOGBOOK CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "E_FISHING_LOGBOOK_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	ELECTRONIC FISHING LOGBOOK CHECK not provided
ISR-L00-02-0072	PRIOR NOTIFICATION REFERENCE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "PRIOR_NOTIFICATION_REF_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	PRIOR NOTIFICATION REFERENCE CHECK not provided
ISR-L01-02-0060	PURPOSE OF PRIOR NOTIFICATION	IS_Report / ISRIItemCharacteristic / TypeCode = "PURPOSE_OF_PRIOR_NOTIFICATION" +ValueCode	Check attribute listID. Must be FA_REASON_ARRIVAL	WAR	Invalid listID provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0073	PURPOSE OF PRIOR NOTIFICATION	IS_Report / ISRItemCharacteristic / TypeCode = "PURPOSE_OF_PRIOR_NOTIFICATION" +ValueCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "PRIOR_NOTIFICATION_REF_CHECK" /CheckInspectionCode="Yes"; ValueCode must be in listID="FA_REASON_ARRIVAL"	WAR	PURPOSE OF PRIOR NOTIFICATION not provided

8.6.6. Section 6 GEAR

None

8.6.7. Section 7 CATCH / PRODUCT

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0074	CATCH ON BOARD CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode	Must be present.	WAR	CATCH ON BOARD CHECK not provided
ISR-L00-02-0125	CATCH ON BOARD CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode +ValueIndicator	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode="Yes"	WAR	CATCH ON BOARD checked but ValueIndicator not provided
ISR-L00-02-0075	CATCH ON BOARD BEFORE TRANSHIPMENT	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD"	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_CHECKED" +CheckInspectionCode="Yes" +ValueIndicator / IndicatorString="Y" There must be at least 1 entry	WAR	CATCH RETAINED ON BOARD not provided
ISR-L00-02-0076	SPECIES	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +SpeciesCode	Must be present if FA_Catch / TypeCode="ONBOARD" is present	WAR	SPECIES not provided
ISR-L01-02-0061	SPECIES	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +SpeciesCode	Check attribute listID . Must be FAO_SPECIES	WAR	Invalid listID provided
ISR-L01-02-0062	SPECIES	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +SpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid
ISR-L00-02-0077	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +WeightMeasure	WeightMeasure or UnitQuantity must be present if FA_Catch / TypeCode="ONBOARD" is present.	WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-02-0063	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-02-0064	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
				WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-02-0065	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +UnitQuantity	UnitQuantity Must be a number	WAR	NUMBER OF FISHES not a number
ISR-L01-02-0066	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +UnitQuantity	UnitQuantity must be >0	WAR	NUMBER OF FISHES must be >0
ISR-L00-02-0079	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESENTATION" if FA_Catch / TypeCode="ONBOARD" is present.	WAR	FISH PRESENTATION not provided
ISR-L01-02-0067	FISH PRESENTATION FISH PRESERVATION	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode	listID must be FISH_PRESENTATION or FISH_PRESERVATION	WAR	Invalid listID provided
ISR-L01-02-0068	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode	If listID="FISH_PRESENTATION", TypeCode Value must be in listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not valid
ISR-L00-02-0080	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESERVATION" if FA_Catch / TypeCode="ONBOARD" is present	WAR	FISH PRESERVATION FORM not provided
ISR-L01-02-0070	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode	If listID="FISH_PRESERVATION", TypeCode Value must be in listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not valid
ISR-L00-02-0081	CATCH AREA	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch / TypeCode="ONBOARD" +FLUX_Location / TypeCode="AREA" +ID	Must be present if FA_Catch / TypeCode="ONBOARD" is present	WAR	CATCH AREA not provided
ISR-L00-02-0082	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="[INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL]" +FA_Catch /	Must be present if FA_Catch / TypeCode="ONBOARD" is present	WAR	UNDERSIZE FISH not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		TypeCode="ONBOARD" +Specified. Size_Distribution / ClassCode			
ISR-L01-02-0073	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="ONBOARD" +Specified. Size_Distribution / ClassCode	Check attribute listID. Must be FISH_SIZE_CLASS	WAR	Invalid listID provided
ISR-L01-02-0074	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL/INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="ONBOARD" +Specified. Size_Distribution / ClassCode	ClassCode Value must be in listID="FISH_SIZE_CLASS"	WAR	UNDERSIZE FISH code not valid
ISR-L00-02-0083	CATCH TRANSHIPPED	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / Type = "UNLOADED"	Must be present	WAR	CATCH TRANSHIPPED not provided
ISR-L02-02-0005	CATCH TRANSHIPPED	FA_Catch / Type = "UNLOADED"	Present only if IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL"	WAR	CATCH TRANSHIPPED provided but inspected vessel is a receiving vessel
ISR-L00-02-0084	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +SpeciesCode	Must be present.	WAR	SPECIES not provided
ISR-L01-02-0075	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +SpeciesCode	Check attribute listID . Must be FAO_SPECIES	WAR	Invalid listID provided
ISR-L01-02-0076	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +SpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid
ISR-L00-02-0085	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +WeightMeasure	WeightMeasure or UnitQuantity must be present.	WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-02-0077	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number
ISR-L01-02-0078	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
				WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-02-0079	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +UnitQuantity	UnitQuantity Must be a number	WAR	NUMBER OF FISHES not a number
ISR-L01-02-0080	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +UnitQuantity	UnitQuantity must be >0	WAR	NUMBER OF FISHES must be >0

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0087	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESENTATION".	WAR	FISH PRESENTATION not provided
ISR-L01-02-0081	FISH PRESENTATION FISH PRESERVATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +AAP_Process / TypeCode	listID must be FISH_PRESENTATION or FISH_PRESERVATION	WAR	Invalid listID provided
ISR-L01-02-0082	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +AAP_Process / TypeCode	If listID="FISH_PRESENTATION", TypeCode Value must be in listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not valid
ISR-L00-02-0124	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESERVATION"	WAR	Invalid listID provided
ISR-L01-02-0084	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +AAP_Process / TypeCode	If listID="FISH_PRESERVATION", TypeCode Value must be in listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not valid
ISR-L00-02-0089	CATCH AREA	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +FLUX_Location / TypeCode="AREA" +/ID	Must be present	WAR	CATCH AREA not provided
ISR-L00-02-0090	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +Specified. Size_Distribution / ClassCode	Must be present	WAR	UNDERSIZE FISH not provided
ISR-L01-02-0087	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +Specified. Size_Distribution / ClassCode	Check attribute listID. Must be FISH_SIZE_CLASS	WAR	Invalid listID provided
ISR-L01-02-0088	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / TypeCode="UNLOADED" +Specified. Size_Distribution / ClassCode	ClassCode Value must be in listID="FISH_SIZE_CLASS"	WAR	UNDERSIZE FISH code not valid
ISR-L00-02-0091	CATCH RECEIVED	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / Type = "LOADED"	Must be present	WAR	CATCH RECEIVED not provided
ISR-L02-02-0006	CATCH RECEIVED	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_DONOR_VESSEL" +FA_Catch / Type = "LOADED"	Present only if IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL"	WAR	CATCH RECEIVED provided but inspected vessel is a donor vessel
ISR-L00-02-0092	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +SpeciesCode	Must be present.	WAR	SPECIES not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-02-0089	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +SpeciesCode	Check attribute listID . Must be FAO_SPECIES	WAR	Invalid listID provided
ISR-L01-02-0090	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +SpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid
ISR-L00-02-0093	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +WeightMeasure	WeightMeasure or UnitQuantity must be present.	WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-02-0091	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number
ISR-L01-02-0092	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
ISR-L01-02-0093	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +UnitQuantity	UnitQuantity Must be a number	WAR	NUMBER OF FISHES not a number
ISR-L01-02-0094	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +UnitQuantity	UnitQuantity must be >0	WAR	NUMBER OF FISHES must be >0
ISR-L00-02-0095	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not provided
ISR-L01-02-0095	FISH PRESENTATION FISH PRESERVATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +AAP_Process / TypeCode	listID must be FISH_PRESENTATION or FISH_PRESERVATION	WAR	Invalid listID provided
ISR-L01-02-0096	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +AAP_Process / TypeCode	If listID="FISH_PRESENTATION", TypeCode Value must be in listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not valid
ISR-L00-02-0096	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not provided
ISR-L01-02-0098	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +AAP_Process / TypeCode	If listID="FISH_PRESERVATION", TypeCode Value must be in listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not valid
ISR-L00-02-0097	CATCH AREA	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +FLUX_Location / TypeCode="AREA" +ID	Must be present	WAR	CATCH AREA not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0098	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +Specified. Size_Distribution / ClassCode	Must be present	WAR	UNDERSIZE FISH not provided
ISR-L01-02-0101	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +Specified. Size_Distribution / ClassCode	Check attribute listID. Must be FISH_SIZE_CLASS	WAR	Invalid listID provided
ISR-L01-02-0102	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_RECEIVING_VESSEL" +FA_Catch / TypeCode="LOADED" +Specified. Size_Distribution / ClassCode	ClassCode Value must be in listID="FISH_SIZE_CLASS"	WAR	UNDERSIZE FISH code not valid

8.6.8. Section 8 OBSERVATIONS AND COMMENTS

See section 8.4.6.

8.6.9. Section 9 SUSPECTED INFRINGEMENTS

See section 8.4.8.

8.6.10. Section 10 INSPECTION CLOSURE

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-02-0099	ACTIONS TAKEN	IS_Report / ISRIItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +ValueIndicator	Must be present.	WAR	ACTIONS TAKEN not provided
ISR-L00-02-0100	ACTIONS TAKEN DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +Value (text)	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +ValueIndicator / IndicatorString="Y"	WAR	ACTIONS TAKEN DETAILS not provided
ISR-L00-02-0101	INSPECTOR IN CHARGE SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode = "INSPECTOR_IN_CHARGE_SIGNATURE" +ValueIndicator	Must be present.	WAR	INSPECTOR IN CHARGE SIGNATURE not provided
ISR-L00-02-0102	MASTER SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode = "MASTER_SIGNATURE" +ValueIndicator	Must be present.	WAR	MASTER SIGNATURE not provided

8.7. Rules for Inspection in port (Module 3)

All these business rules apply to any IS_Report where IS_Report / TypeCode= "IN_PORT".

8.7.1. Section 1 GENERAL REFERENCE DATA

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Must be present	ERR	The report identification is not provided
ISR-L01-03-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Check attribute schemeID. Must be EU_ISR_ID	ERR	Invalid schemeID provided
ISR-L01-03-0002	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	value must follow schemeID="EU_ISR_ID" (see section 6.2.3)	ERR	The report identification is not a valid EU_ISR_ID
ISR-L03-03-0001	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	Must be unique if PurposeCode="9" (new submission)	WAR	The report identification is not unique
ISR-L00-03-0002	REPORT DATE	IS_Report / Reference.DateTime	Must be present	ERR	The Report Date is not provided
ISR-L01-03-0003	REPORT DATE	IS_Report / Reference.DateTime	IS_Report / Reference.DateTime value must be a UTC date time according to ISO 8601 format	ERR	The Report Date format is not valid.
ISR-L00-03-0004	REPORT CONTEXT	IS_Report / ContextTypeCode	Must be present	WAR	The report context is not provided
ISR-L01-03-0006	REPORT CONTEXT	IS_Report / ContextTypeCode	Check attribute listID. Must be ISR_REPORT_CONTEXT	WAR	Invalid listID provided
ISR-L01-03-0007	REPORT CONTEXT	IS_Report / ContextTypeCode	value must be in listID="ISR_REPORT_CONTEXT"	WAR	The inspection context is not valid
ISR-L00-03-0005	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"+ID	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" must be present	ERR	The Control Party is not provided
ISR-L01-03-0008	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" +ID	Check attribute schemeID. Must be ISR_CONTROL_PARTY	ERR	Invalid schemeID provided
ISR-L01-03-0009	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"+ID	value must be in schemeID="ISR_CONTROL_PARTY"	ERR	The Control Party value is not valid
ISR-L00-03-0006	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must be present	WAR	The Control authority is not provided
ISR-L01-03-0100	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must be non empty	WAR	The Control authority must not be empty
ISR-L00-03-0007	DATE/TIME OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / Start.DateTime must be present	ERR	The DateTime of the start of the inspection is not provided.
ISR-L01-03-0010	DATE/TIME OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / Start.DateTime value must be a UTC date time according to ISO 8601 format	ERR	The DateTime of the start of the inspection format is not valid.
ISR-L00-03-0008	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime must be present	WAR	The DateTime of the end of the inspection is not provided.
ISR-L01-03-0011	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime value must be a UTC date time according to ISO 8601 format	WAR	The DateTime of the end of the inspection format is not valid.
ISR-L02-03-0001	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	End.DateTime value must be > Start.DateTime	WAR	The DateTime of the end of the inspection is before the DateTime of the start.

8.7.2. Section 2 INSPECTION MEANS

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0009	INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE"	Must be present.	WAR	Inspector in charge not provided
ISR-L00-03-0010	NAME or ID	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Contact_Person or IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + ID	If IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" is present IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" / Contact_Person or IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + ID must be present.	WAR	Inspector in charge name or ID not provided
ISR-L00-03-0117	NAME	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Contact_Person / Given Name	If IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" / Contact_Person is present, Given Name Must be present	WAR	Inspector in charge Given Name must be present
ISR-L01-03-0116	NAME	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Contact_Person / Given Name	Given Name Must not be empty	WAR	Inspector in charge Given Name must not be empty
ISR-L00-03-0118	NAME	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Contact_Person / Family Name	If IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" / Contact_Person is present, Family name must be present	WAR	Inspector in charge Family Name must be present
ISR-L01-03-0117	NAME	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Contact_Person / Family Name	Family name must not be empty	WAR	Inspector in charge Family Name must not be empty
ISR-L01-03-0120	ID	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-03-0121	ID	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-03-0011	NATIONALITY	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Nationality_Country	Must be present if IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" is present.	WAR	Inspector in charge Inspector in charge nationality not provided
ISR-L01-03-0012	NATIONALITY	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-03-0013	NATIONALITY	IS_Report / ContactParty / RoleCode = "INSPECTOR_IN_CHARGE" + Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspector in charge nationality value not valid
ISR-L00-03-0012	SECOND INSPECTOR	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR"	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" must be present	WAR	Second inspector not provided
ISR-L00-03-0013	NAME or ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person or IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + ID	if IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" is present IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person or IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + ID must be present.	WAR	Second inspector name or ID not provided
ISR-L00-03-0120	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Given Name	If IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person is present, Given Name Must be present	WAR	Second inspector Given Name must be present
ISR-L01-03-0101	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Given Name	Given Name Must not be empty	WAR	Second inspector Given Name must not be empty

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0121	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Family Name	If IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person is present, Family name must be present	WAR	Second inspector Family Name must be present
ISR-L01-03-0102	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Family Name	Family name must not be empty	WAR	Second inspector Family Name must not be empty
ISR-L01-03-0122	ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-03-0123	ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-03-0014	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Nationality_Country	Must be present if IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" is present.	WAR	Second inspector nationality not provided
ISR-L01-03-0014	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-03-0015	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Second inspector nationality value not valid
ISR-L00-03-0015	NAME or ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person or IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID	if IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" is present IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" / Contact_Person or IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID must be present	WAR	Other inspector name or ID not provided
ISR-L00-03-0122	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Given Name	If IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" / Contact_Person is present, Given Name Must be present	WAR	Given Name must be present
ISR-L01-03-0103	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Given Name	Given Name Must not be empty	WAR	Other inspector Given Name must not be empty
ISR-L00-03-0214	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Family Name	If IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" / Contact_Person is present, Family name must be present	WAR	Other inspector Family Name must be present
ISR-L01-03-0104	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Family Name	Family name must not be empty	WAR	Other inspector Family Name must not be empty
ISR-L01-03-0124	ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-03-0125	ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-03-0016	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	Must be present if IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" is present.	WAR	Other inspector nationality not provided
ISR-L01-03-0016	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-03-0017	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Other inspector nationality value not valid

8.7.3. Section 3 PRE-INSPECTION

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0017	VMS PRE-ARRIVAL TO LAND CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "VMS_PRE-ARRIVAL_CHECK" +CheckInspectionCode	Must be present.	WAR	VMS PRE-ARRIVAL TO LAND check not provided
ISR-L00-03-0018	VMS PRE-ARRIVAL TO LAND CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "VMS_PRE-ARRIVAL_CHECK" +CheckInspectionCode +Value (text)	if Vessel_Country not in EU, Value (text) must be present	WAR	VMS PRE-ARRIVAL TO LAND Value (text) must be provided for non-EU vessels
ISR-L00-03-0019	VESSEL FISHING LOGBOOK COMPLETED BEFORE ARRIVAL CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "LOGBOOK_BEFORE_INSPECT_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	VESSEL FISHING LOGBOOK COMPLETED BEFORE ARRIVAL CHECK not provided
ISR-L00-03-0020	VESSEL FISHING LOGBOOK COMPLETED BEFORE ARRIVAL CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "LOGBOOK_BEFORE_INSPECT_CHECK" +CheckInspectionCode +ValueIndicator +Value (text)	ValueIndicator must be present if CheckInspectionCode="Yes"	WAR	VESSEL FISHING LOGBOOK COMPLETED BEFORE ARRIVAL CHECKED but ValueIndicator not provided
ISR-L00-03-0021	STATUS IN RFMO AREA(S) WHERE FISHING OR RELATED-FISHING ACTIVITIES HAVE BEEN TAKING PLACE INCLUDING IN ANY IUU FISHING VESSEL LISTING	IS_Report / Inspected Vessel_Status / RegimeManagementCode	If Inspected Vessel_Status is present, RegimeManagementCode (RFMO) must be present	WAR	STATUS IN RFMO AREA provided but no RFMO (RegimeManagementCode) provided.
ISR-L01-03-0018	STATUS IN RFMO AREA(S) WHERE FISHING OR RELATED-FISHING ACTIVITIES HAVE BEEN TAKING PLACE INCLUDING IN ANY IUU FISHING VESSEL LISTING	IS_Report / Inspected Vessel_Status / RegimeManagementCode	Check attribute listID. Must be RFMO	WAR	Invalid listID provided
ISR-L00-03-0022	STATUS IN RFMO AREA(S) WHERE FISHING OR RELATED-FISHING ACTIVITIES HAVE BEEN TAKING PLACE INCLUDING IN ANY IUU FISHING VESSEL LISTING	IS_Report / Inspected Vessel_Status / RegimeManagementCode	If present, RegimeManagementCode must be in listID="RFMO"	WAR	STATUS IN RFMO AREA ValueCode not valid
ISR-L02-03-0002	STATUS IN RFMO AREA(S) WHERE FISHING OR RELATED-FISHING ACTIVITIES HAVE BEEN TAKING PLACE INCLUDING IN ANY IUU FISHING VESSEL LISTING	IS_Report / Inspected Vessel_Status / RegimeManagementCode	there must be only 1 occurrence of each RegimeManagementCode value	WAR	Multiple occurrences of the same RFMO
ISR-L00-03-0023	VESSEL ON AUTHORISED LIST	IS_Report / Inspected Vessel_Status / ISRIItemCharacteristic / TypeCode = "VESSEL_ON_RFMO_AUTHORISED_LIST" +ValueIndicator	Must be present if STATUS IN RFMO is present	WAR	VESSEL ON AUTHORISED LIST not provided
ISR-L00-03-0024	VESSEL ON IUU LIST	IS_Report / Inspected Vessel_Status / ISRIItemCharacteristic / TypeCode = "VESSEL_ON_RFMO_IUU_LIST" +ValueIndicator	Must be present if STATUS IN RFMO is present	WAR	VESSEL ON IUU LIST not provided

8.7.4. Section 4 INSPECTED VESSEL

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0025	INSPECTED VESSEL	IS_report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL"	IS_report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" must be present	ERR	INSPECTED VESSEL not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-03-0019	INSPECTED VESSEL	IS_report / VesselTransportMeans / RoleCode	IS_report / VesselTransportMeans / RoleCode must be in listID="ISR_VESSEL_ROLE"	ERR	INSPECTED VESSEL RoleCode not in listID="ISR_VESSEL_ROLE"
ISR-L00-03-0026	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Name	Must be present.	WAR	The Inspected vessel name is not provided
ISR-L00-03-0027	FLAG	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Registration Vessel_Country	Must be present.	ERR	The Inspected Vessel's Flag State is not provided.
ISR-L01-03-0020	FLAG	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Registration Vessel_Country	Check attribute schemeID. Must be TERRITORY	ERR	Invalid schemeID provided
ISR-L01-03-0021	FLAG	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Registration Vessel_Country	ID must be in schemeID="TERRITORY"	ERR	The Inspected Vessel's Flag State value is not valid.
ISR-L00-03-0028	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +TypeCode	Must be present.	WAR	The Inspected vessel type is not provided
ISR-L01-03-0022	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +TypeCode	Check attribute listID. Must be VESSEL_TYPE	WAR	Invalid listID provided
ISR-L01-03-0023	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +TypeCode	TypeCode must be in listID="VESSEL_TYPE"	WAR	The Inspected vessel type is not valid
ISR-L01-03-0024	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	Check attribute schemeID. Must be EXT_MARK, IRCS, UVI or CFR	ERR	Invalid schemeID provided
ISR-L00-03-0029	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	There must be at least one EXT_MARK, IRCS UVI or CFR	ERR	At least one of the IRCS, External Markings, UVI or CFR must be provided
ISR-L02-03-0011	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	If EU-flagged vessel, CFR must be provided	WAR	EU-flagged vessel, but no CFR provided
ISR-L02-03-0012	COMMUNITY FLEET REGISTER NUMBER	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ID / schemeID="CFR"	Vessel_Country must be in EU when CFR is given	WAR	CFR provided but Inspected vessel flag not in EU
ISR-L00-03-0213	INSPECTED VESSEL POSITION EVENT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Vessel Position_Event	Must be present if PORT (of inspection) is not present.	WAR	Inspected vessel position not provided
ISR-L00-03-0030	GEOGRAPHICAL COORDINATES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Vessel Position_Event / Specified. Vessel_Geographical Coordinate /	Must be present	WAR	Vessel geographical coordinates is not provided
ISR-L00-03-0032	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Vessel Position_Event / ObtainedOccurrenceDateTime	Must be present	WAR	DateTime of inspected vessel position not provided
ISR-L01-03-0029	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +Vessel Position_Event / ObtainedOccurrenceDateTime	Must be an UTC date time according to ISO 8601 format)	WAR	DateTime of inspected vessel position not in a valid format

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0033	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="PORT_OF_INSPECTION" +FLUX_Location / TypeCode ="LOCATION" +Identifier	Must be present if INSPECTED VESSEL POSITION EVENT is not present	WAR	Inspected vessel position not provided and no port provided
ISR-L01-03-0030	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="PORT_OF_INSPECTION" +FLUX_Location / TypeCode ="LOCATION" +Identifier	Check attribute schemeID. Must be LOCATION	WAR	Invalid schemeID provided
ISR-L01-03-0031	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="PORT_OF_INSPECTION" +FLUX_Location / TypeCode ="LOCATION" +Identifier	ID must be in schemeID="LOCATION"	WAR	ID of PORT OF INSPECTION not valid
ISR-L00-03-0034	DESIGNATED?	IS_Report/ ISRIItemCharacteristic /TypeCode="DESIGNATED_PORT" +Indicator	Must be present if IS_Report/ ISRIItemCharacteristic /TypeCode="PORT_OF_INSPECTION" +FLUX_Location / TypeCode ="LOCATION" +Identifier is present	WAR	DESIGNATED PORT status not provided
ISR-L00-03-0035	LAST PORT OF CALL	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL"	Must be present.	WAR	LAST PORT OF CALL not provided
ISR-L00-03-0036	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +FLUX_Location / TypeCode ="LOCATION"/ ID	Must be present.	WAR	ID of LAST PORT OF CALL not provided
ISR-L01-03-0032	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +FLUX_Location / TypeCode ="LOCATION"/ ID	Check attribute schemeID. Must be LOCATION	WAR	Invalid schemeID provided
ISR-L01-03-0033	PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +FLUX_Location / TypeCode ="LOCATION"/ ID	ID must be in schemeID="LOCATION"	WAR	ID of LAST PORT OF CALL not valid
ISR-L00-03-0037	DATE	IS_Report/ ISRIItemCharacteristic /TypeCode="LAST_PORT_OF_CALL" +ValueDateTime	Must be present	WAR	Date of last call in port not provided
ISR-L00-03-0038	OWNER	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER"	Must be present.	WAR	Inspected vessel owner not provided
ISR-L00-03-0039	NAME OR LEGAL ENTITY NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" /	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="OWNER" is present ContactParty / Contact_Person OR ContactParty /Name must be present and not empty	WAR	Inspected vessel owner name not provided
ISR-L00-03-0124	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Contact_Person /Given Name	Given Name Must be present	WAR	Inspected vessel owner Given Name must be present
ISR-L01-03-0105	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Inspected vessel owner Given Name must not be empty
ISR-L00-03-0125	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /	Family name must be present	WAR	Inspected vessel owner Family Name must be present

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		RoleCode="OWNER" +Contact_Person /Family Name			
ISR-L01-03-0106	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Contact_Person /Family Name	Family name must not be empty	WAR	Inspected vessel owner Family Name must not be empty
ISR-L00-03-0040	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="OWNER" is present, must be present.	WAR	Inspected vessel owner nationality not provided
ISR-L01-03-0035	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-03-0036	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel owner nationality not valid
ISR-L00-03-0041	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="OWNER" +Structured_Address	If IS_Report / ContactParty / RoleCode ="OWNER" is present, must be present.	WAR	Inspected vessel owner address not provided
ISR-L00-03-0042	BENEFICIAL OWNER NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="BENEFICIAL_OWNER" +Contact_Person /	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="BENEFICIAL_OWNER" is present IS_Report / VesselTransportMeans / ContactParty / RoleCode="BENEFICIAL_OWNER" ./ Contact_Person must be present	WAR	Inspected vessel BENEFICIAL OWNER contact not provided
ISR-L00-03-0126	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="BENEFICIAL_OWNER" +Contact_Person /Given Name	Given Name Must be present	WAR	Inspected vessel BENEFICIAL OWNER Given Name must be present
ISR-L01-03-0107	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="BENEFICIAL_OWNER" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Inspected vessel BENEFICIAL OWNER Given Name must not be empty
ISR-L00-03-0127	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="BENEFICIAL_OWNER" +Contact_Person /Family Name	Family name must be present	WAR	Inspected vessel BENEFICIAL OWNER Family Name must be present
ISR-L01-03-0108	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="BENEFICIAL_OWNER" +Contact_Person /Family Name	Family name must not be empty	WAR	Inspected vessel BENEFICIAL OWNER Family Name must not be empty
ISR-L00-03-0043	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="BENEFICIAL_OWNER" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="BENEFICIAL_OWNER" is present, must be present.	WAR	Inspected vessel BENEFICIAL OWNER nationality not provided
ISR-L01-03-0038	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		RoleCode="BENEFICIAL_OWNER" +Nationality_Country			
ISR-L01-03-0039	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="BENEFICIAL_OWNER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel BENEFICIAL OWNER nationality not valid
ISR-L00-03-0044	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="BENEFICIAL_OWNER" +Structured_Address	If IS_Report / ContactParty / RoleCode ="BENEFICIAL_OWNER" is present, must be present.	WAR	Inspected vessel BENEFICIAL OWNER address not provided
ISR-L00-03-0045	CHARTERER	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER"	Must be present.	WAR	Inspected vessel charterer not provided
ISR-L00-03-0046	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER"	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="CHARTERER" is present ./ Contact_Person OR ./Name must be present and not empty	WAR	Inspected vessel charterer name not provided
ISR-L00-03-0128	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Contact_Person /Given Name	Given Name Must be present	WAR	Inspected vessel charterer Given Name must be present
ISR-L01-03-0109	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Inspected vessel charterer Given Name must not be empty
ISR-L00-03-0129	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Contact_Person /Family Name	Family name must be present	WAR	Inspected vessel charterer Family Name must be present
ISR-L01-03-0110	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Contact_Person /Family Name	Family name must not be empty	WAR	Inspected vessel charterer Family Name must not be empty
ISR-L00-03-0047	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="CHARTERER" is present, must be present.	WAR	Inspected vessel charterer nationality not provided
ISR-L01-03-0041	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-03-0042	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel charterer nationality not valid
ISR-L00-03-0048	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="CHARTERER" +Structured_Address	If IS_Report / ContactParty / RoleCode ="CHARTERER" is present, must be present.	WAR	Inspected vessel charterer address not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0049	AGENT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT"	Must be present.	WAR	Inspected vessel agent not provided
ISR-L00-03-0050	NAME OR LEGAL ENTITY NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT"	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="AGENT" is present ContactParty / Contact_Person OR ContactParty / Name must be present and not empty	WAR	Inspected vessel agent name not provided
ISR-L00-03-0130	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Contact_Person / Given Name	Given Name Must be present	WAR	Inspected vessel agent Given Name must be present
ISR-L01-03-0111	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Contact_Person / Given Name	Given Name Must not be empty	WAR	Inspected vessel agent Given Name must not be empty
ISR-L00-03-0131	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Contact_Person / Family Name	Family name must be present	WAR	Inspected vessel agent Family Name must be present
ISR-L01-03-0112	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Contact_Person / Family Name	Family name must not be empty	WAR	Inspected vessel agent Family Name must not be empty
ISR-L00-03-0051	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="AGENT" is present, must be present.	WAR	Inspected vessel agent nationality not provided
ISR-L01-03-0044	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-03-0045	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel agent nationality not valid
ISR-L00-03-0052	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="AGENT" +Structured_Address	If IS_Report / ContactParty / RoleCode ="AGENT" is present, must be present.	WAR	Inspected vessel agent address not provided
ISR-L00-03-0053	MASTER	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="MASTER"	Must be present.	ERR	Inspected vessel master not provided
ISR-L00-03-0054	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty / RoleCode="MASTER"+Contact_Person /	If IS_Report / VesselTransportMeans / ContactParty / RoleCode="MASTER" is present IS_Report / VesselTransportMeans / ContactParty / RoleCode="MASTER"/ Contact_Person must be present	ERR	Inspected vessel master contact not provided
ISR-L00-03-0132	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty	Given Name Must be present	ERR	Inspected vessel master Given Name must be present

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		/RoleCode="MASTER"+Contact_Person /Given Name			
ISR-L01-03-0113	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Contact_Person /Given Name	Given Name Must not be empty	ERR	Inspected vessel master Given Name must not be empty
ISR-L00-03-0133	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Contact_Person /Family Name	Family name must be present	ERR	Inspected vessel master Family Name must be present
ISR-L01-03-0114	NAME	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Contact_Person /Family Name	Family name must not be empty	ERR	Inspected vessel master Family Name must not be empty
ISR-L00-03-0055	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Nationality_Country	If IS_Report / ContactParty / RoleCode ="MASTER" is present, must be present.	WAR	Inspected vessel master nationality not provided
ISR-L01-03-0047	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-03-0048	NATIONALITY	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vessel agent nationality not valid
ISR-L00-03-0056	ADDRESS	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +ContactParty /RoleCode="MASTER"+Structured_Address	If IS_Report / ContactParty / RoleCode ="MASTER" is present, must be present.	WAR	Inspected vessel master address not provided

8.7.5. Section 5 DOCUMENTS & AUTHORISATIONS

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0057	DOCUMENTS CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" +CheckInspectionCode	Must be present.	WAR	Documents check not provided
ISR-L00-03-0058	CERTIFICATE OF REGISTRY ID CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "CERTIF_REGISTRY_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	CERTIFICATE OF REGISTRY ID CHECK not provided
ISR-L00-03-0059	CERTIFICATE OF REGISTRY ID CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "CERTIF_REGISTRY_CHECK" +CheckInspectionCode +Value (text)	if CheckInspectionCode="Yes" & Vessel_Country not in EU, Value (text) must be present	WAR	CERTIFICATE OF REGISTRY ID CHECK Value (text) must be provided for non EU vessels
ISR-L00-03-0060	FISHING LICENCE CHECK	IS_Report / ISRItemCharacteristic / TypeCode = "FISHING_LICENCE_CHECKED" +CheckInspectionCode	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	FISHING LICENCE CHECK not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0061	FISHING LICENCE DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode = "FISHING_LICENCE_CHECKED" +Value (text)	if CheckInspectionCode="Yes" & Vessel_ Country not in EU, Value (text) must be present	WAR	FISHING LICENCE DETAILS must be provided for non-EU vessels
ISR-L00-03-0062	FISHING AUTHORISATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "FISHING_AUTHORISATION_CHECKED" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	FISHING AUTHORISATION CHECK not provided
ISR-L00-03-0134	FISHING AUTHORISATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = « FISHING_AUTHORISATION_CHECKED" +CheckInspectionCode +ValueIndicator	ValueIndicator must be present if CheckInspectionCode="Yes"	WAR	FISHING AUTHORISATION CHECK present but result (ValueIndicator) not provided
ISR-L00-03-0063	FISHING AUTHORISATION DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode = "FISHING_AUTHORISATION_CHECKED" +Value (text)	if CheckInspectionCode="Yes" & Vessel_ Country not in EU, Value (text) must be present	WAR	FISHING AUTHORISATION DETAILS must be provided for non-EU vessels
ISR-L00-03-0064	PORT ACCESS AND LANDING AUTHORISATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "PORT_LANDING_AUTH_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	PORT ACCESS AND LANDING AUTHORISATION CHECK not provided
ISR-L00-03-0065	PORT ACCESS AND LANDING AUTHORISATION DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode = "PORT_LANDING_AUTH_CHECK" +Value (text)	if CheckInspectionCode="Yes", Value (text) must be present	WAR	PORT ACCESS AND LANDING AUTHORISATION DETAILS must be provided
ISR-L00-03-0066	PAPER FISHING LOGBOOK CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	PAPER FISHING LOGBOOK CHECK not provided
ISR-L00-03-0067	NUMBER OF PAPER FISHING LOG SHEET	IS_Report / ISRIItemCharacteristic / TypeCode = "NB_OF_PAPER_FISHING_LOG_SHEET" +Value. Quantity	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode="Yes"	WAR	NUMBER OF PAPER FISHING LOG SHEET not provided
ISR-L00-03-0068	FIRST LOG SHEET NUMBER	IS_Report / ISRIItemCharacteristic / TypeCode = "FIRST_LOG_SHEET_NUMBER" +Value (text)	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode="Yes"	WAR	FIRST LOG SHEET NUMBER not provided
ISR-L00-03-0069	LAST LOG SHEET NUMBER	IS_Report / ISRIItemCharacteristic / TypeCode = "LAST_LOG_SHEET_NUMBER" +Value (text)	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "PAPER_FISHING_LOGBOOK_CHECKED" +CheckInspectionCode="Yes"	WAR	LAST LOG SHEET NUMBER not provided
ISR-L00-03-0070	ELECTRONIC FISHING LOGBOOK CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "E_FISHING_LOGBOOK_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	ELECTRONIC FISHING LOGBOOK CHECK not provided
ISR-L00-03-0071	PRIOR NOTIFICATION REFERENCE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "PRIOR_NOTIFICATION_REF_CHECK" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	PRIOR NOTIFICATION REFERENCE CHECK not provided
ISR-L01-03-0050	PURPOSE OF PRIOR NOTIFICATION	IS_Report / ISRIItemCharacteristic / TypeCode = "PURPOSE_OF_PRIOR_NOTIFICATION" +ValueCode	Check attribute listID. Must be FA_REASON_ARRIVAL	WAR	Invalid listID provided
ISR-L00-03-0072	PURPOSE OF PRIOR NOTIFICATION	IS_Report / ISRIItemCharacteristic / TypeCode = "PURPOSE_OF_PRIOR_NOTIFICATION" +ValueCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "PRIOR_NOTIFICATION_REF_CHECK" /CheckInspectionCode="Yes" & ValueIndicator / IndicatorString="Y"; ValueCode must be in listID="FA_REASON_ARRIVAL"	WAR	PURPOSE OF PRIOR NOTIFICATION not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0073	PRODUCER ORGANISATION REFERENCE	IS_Report / ISRIItemCharacteristic / TypeCode = "MEMBER_PRODUCER_ORGANISATION" / Value (text)	Must only be present if IS_Report / ISRIItemCharacteristic / TypeCode = "MEMBER_PRODUCER_ORGANISATION" / ValueIndicator / IndicatorString="Y"; Value (text) must not be empty	WAR	PRODUCER ORGANISATION REFERENCE must be provided if vessel is a member of a PO
ISR-L00-03-0074	OTHER CATCH DOCUMENTATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "OTHER_CATCH_DOCUMENTATION" +CheckInspectionCode +Value (text)	if IS_Report / ISRIItemCharacteristic / TypeCode = "OTHER_CATCH_DOCUMENTATION"/CheckInspectionCode="Yes", Value (text) must be present	WAR	OTHER CATCH DOCUMENTATION checked but no details given

8.7.6. Section 6 GEAR

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0075	GEAR CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "GEAR_CHECKED" +CheckInspectionCode	Must be present.	WAR	GEAR CHECK not provided
ISR-L00-03-0076	EC GAUGE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "EC_GAUGE_CHECKED" +CheckInspectionCode	Must be present if one mesh size has been measured (i.e. there is at least one occurrence of Gear_Characteristic where TypeCode="ME")	WAR	inspected net mesh size measured but EC GAUGE CHECK not provided
ISR-L01-03-0118	EC GAUGE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "EC_GAUGE_CHECKED" +CheckInspectionCode	If at least one mesh size has been measured (i.e. there is at least one occurrence of Gear_Characteristic where TypeCode="ME"), CheckInspectionCode cannot be NOT_APPLICABLE	WAR	EC GAUGE CHECK check value cannot be NOT_APPLICABLE. When a net mesh size has been measured

See also Common Business Rules (Section 8.4.7).

8.7.7. Section 7 CATCH / PRODUCT

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0078	CATCH ON BOARD CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "CATCH_ON_BOARD_CHECKED" + CheckInspectionCode	Must be present.	WAR	CATCH ON BOARD CHECK not provided
ISR-L00-03-0079	CATCH OFFLOADED CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "CATCH_OFFLOADED_CHECKED" + CheckInspectionCode	Must be present.	WAR	CATCH OFFLOADED CHECK not provided
ISR-L00-03-0080	TRANSHIPMENT DETAILS FOR CATCHES RECEIVED FROM OTHER FISHING VESSELS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "TRX_CATCHES_OTH_VESSELS_CHECK" + CheckInspectionCode	Must be present.	WAR	TRANSHIPMENT DETAILS FOR CATCHES RECEIVED FROM OTHER FISHING VESSELS CHECK not provided
ISR-L00-03-0081	SEPARATE REGISTRATION OF UNDERSIZED FISH CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "SEP_REG_UNDERSIZED_CHECK" +CheckInspectionCodeCheckInspectionCode	Must be present	WAR	SEPARATE REGISTRATION OF UNDERSIZED FISH CHECK not provided
ISR-L00-03-0082	MARGIN OF TOLERANCE PER SPECIES CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "MARGIN_TOL_SPECIES_CHECK" +CheckInspectionCodeCheckInspectionCode	Must be present	WAR	MARGIN OF TOLERANCE PER SPECIES CHECK not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0083	MINIMUM CONSERVATION REFERENCE SIZE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "MIN_REFERENCE_SIZE_CHECK" +CheckInspectionCodeCheckInspectionCode	Must be present.	WAR	MINIMUM CONSERVATION REFERENCE SIZE CHECK not provided
ISR-L00-03-0084	CATCH ON BOARD	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD"	Must be present only if IS_Report / ISRIItemCharacteristic / TypeCode = "CATCH_ON_BOARD_CHECKED" +CheckInspectionCode="Yes"; There must be at least 1 entry	WAR	CATCH RETAINED ON BOARD not provided
ISR-L00-03-0085	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +SpeciesCode	Must be present.	WAR	SPECIES not provided
ISR-L01-03-0051	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +SpeciesCode	Check attribute listID . Must be FAO_SPECIES	WAR	Invalid listID provided
ISR-L01-03-0052	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +SpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid
ISR-L00-03-0086	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +WeightMeasure	WeightMeasure or UnitQuantity must be present.	WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-03-0053	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number
ISR-L01-03-0054	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
ISR-L01-03-0055	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +UnitQuantity	UnitQuantity Must be a number	WAR	NUMBER OF FISHES not a number
ISR-L01-03-0056	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +UnitQuantity	UnitQuantity must be >0	WAR	NUMBER OF FISHES must be >0
ISR-L00-03-0088	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESENTATION".	WAR	FISH PRESENTATION not provided
ISR-L01-03-0058	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode	If listID="FISH_PRESENTATION", TypeCode Value must be in listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not valid
ISR-L00-03-0089	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESERVATION".	WAR	FISH PRESERVATION FORM not provided
ISR-L01-03-0060	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch /	If listID="FISH_PRESERVATION", TypeCode Value must be in listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not valid

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		TypeCode="ONBOARD" +AAP_Process / TypeCode			
ISR-L00-03-0090	CATCH AREA	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +FLUX_Location /TypeCode="AREA" +ID	Must be present	WAR	CATCH AREA not provided
ISR-L00-03-0091	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +Specified.Size_Distribution / ClassCode	Must be present	WAR	UNDERSIZE FISH not provided
ISR-L01-03-0063	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +Specified.Size_Distribution / ClassCode	Check attribute listID. Must be FISH_SIZE_CLASS	WAR	Invalid listID provided
ISR-L01-03-0064	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="ONBOARD" +Specified.Size_Distribution / ClassCode	ClassCode Value must be in listID="FISH_SIZE_CLASS"	WAR	UNDERSIZE FISH code not valid
ISR-L00-03-0092	CATCH OFFLOADED	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / Type = "UNLOADED"	Must be present only if IS_Report / ISRItemCharacteristic / TypeCode = "CATCH_OFFLOADED_CHECKED" +CheckInspectionCode="Yes"	WAR	CATCH OFFLOADED not provided
ISR-L00-03-0093	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +SpeciesCode	Must be present.	WAR	SPECIES not provided
ISR-L01-03-0065	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +SpeciesCode	Check attribute listID. Must be FAO_SPECIES	WAR	Invalid listID provided
ISR-L01-03-0066	SPECIES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +SpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid
ISR-L00-03-0094	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +WeightMeasure	WeightMeasure or UnitQuantity must be present.	WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-03-0067	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number
ISR-L01-03-0068	WEIGHT	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
ISR-L01-03-0069	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +UnitQuantity	UnitQuantity Must be a number	WAR	NUMBER OF FISHES not a number
ISR-L01-03-0070	NUMBER OF FISHES	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +UnitQuantity	UnitQuantity must be >0	WAR	NUMBER OF FISHES must be >0

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0096	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESENTATION".	WAR	FISH PRESENTATION not provided
ISR-L01-03-0071	FISH PRESENTATION FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +AAP_Process / TypeCode	listID must be FISH_PRESENTATION or FISH_PRESERVATION	WAR	Invalid listID provided
ISR-L01-03-0072	FISH PRESENTATION	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +AAP_Process / TypeCode	If listID="FISH_PRESENTATION", TypeCode Value must be in listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not valid
ISR-L00-03-0097	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not provided
ISR-L01-03-0074	FISH PRESERVATION FORM	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +AAP_Process / TypeCode	If listID="FISH_PRESERVATION", TypeCode Value must be in listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not valid
ISR-L00-03-0098	CATCH AREA	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +FLUX_Location /TypeCode="AREA" +/ID	Must be present	WAR	CATCH AREA not provided
ISR-L00-03-0099	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +Specified. Size_Distribution / ClassCode	Must be present	WAR	UNDERSIZE FISH not provided
ISR-L01-03-0077	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" +Specified. Size_Distribution / ClassCode	Check attribute listID. Must be FISH_SIZE_CLASS	WAR	Invalid listID provided
ISR-L01-03-0078	UNDERSIZE FISH	IS_Report / VesselTransportMeans / RoleCode="INSPECTED_VESSEL" +FA_Catch / TypeCode="UNLOADED" + Specified. Size_Distribution / ClassCode	ClassCode Value must be in listID="FISH_SIZE_CLASS"	WAR	UNDERSIZE FISH code not valid
ISR-L00-03-0100	CATCH RECEIVED FROM OTHER FISHING VESSELS	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED"	Must be present only if IS_Report / ISRItemCharacteristic / TypeCode = "TRX_CATCHES_OTH_VESSELS_CHECK" +CheckInspectionCode="Yes"	WAR	CATCH RECEIVED FROM OTHER FISHING VESSELS not provided
ISR-L00-03-0101	SPECIES	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +SpeciesCode	Must be present.	WAR	SPECIES not provided
ISR-L01-03-0079	SPECIES	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +SpeciesCode	Check attribute listID . Must be FAO_SPECIES	WAR	Invalid listID provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-03-0080	SPECIES	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +SpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid
ISR-L00-03-0102	WEIGHT	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +WeightMeasure	WeightMeasure or UnitQuantity must be present.	WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-03-0081	WEIGHT	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number
ISR-L01-03-0082	WEIGHT	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
ISR-L01-03-0083	NUMBER OF FISHES	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +UnitQuantity	UnitQuantity Must be a number	WAR	NUMBER OF FISHES not a number
ISR-L01-03-0084	NUMBER OF FISHES	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +UnitQuantity	UnitQuantity must be >0	WAR	NUMBER OF FISHES must be >0
ISR-L00-03-0104	FISH PRESENTATION	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not provided
ISR-L01-03-0085	FISH PRESENTATION FISH PRESERVATION	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +AAP_Process / TypeCode	listID must be FISH_PRESENTATION or FISH_PRESERVATION	WAR	Invalid listID provided
ISR-L01-03-0086	FISH PRESENTATION	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +AAP_Process / TypeCode	If listID="FISH_PRESENTATION", TypeCode Value must be in listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not valid
ISR-L00-03-0105	FISH PRESERVATION FORM	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +AAP_Process / TypeCode	Must be present with listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not provided
ISR-L01-03-0088	FISH PRESERVATION FORM	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +AAP_Process / TypeCode	If listID="FISH_PRESERVATION", TypeCode Value must be in listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not valid
ISR-L00-03-0106	CATCH AREA	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +FLUX_Location / TypeCode="AREA" +ID	Must be present	WAR	CATCH AREA not provided
ISR-L00-03-0107	UNDERSIZE FISH	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +Specified. Size_Distribution / ClassCode	Must be present	WAR	UNDERSIZE FISH not provided
ISR-L01-03-0091	UNDERSIZE FISH	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +Specified. Size_Distribution / ClassCode	Check attribute listID. Must be FISH_SIZE_CLASS	WAR	Invalid listID provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-03-0092	UNDERSIZE FISH	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" /FA_Catch / TypeCode="LOADED" +Specified. Size_Distribution / ClassCode	ClassCode Value must be in listID="FISH_SIZE_CLASS"	WAR	UNDERSIZE FISH code not valid
ISR-L00-03-0108	DONOR FISHING VESSEL(S)	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" / VesselTransportMeans / RoleCode="DONOR_VESSEL"	Donor vessel must be present	WAR	Donor vessel not provided
ISR-L00-03-0109	NAME	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" / VesselTransportMeans / RoleCode="DONOR_VESSEL" +Name	Donor vessel name must be present	WAR	Donor vessel name not provided
ISR-L01-03-0093	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="DONOR_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	Check attribute schemeID. Must be EXT_MARK, IRCS, UVI or CFR	WAR	Invalid schemeID provided
ISR-L00-03-0110	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="DONOR_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	There must be at least one EXT_MARK, IRCS UVI or CFR	WAR	At least one of the IRCS, External Markings, UVI or CFR must be provided
ISR-L02-03-0013	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / VesselTransportMeans / RoleCode="DONOR_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	If EU-flagged vessel, CFR must be provided	WAR	EU-flagged vessel, but no CFR provided
ISR-L02-03-0014	COMMUNITY FLEET REGISTER NUMBER	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" / VesselTransportMeans / RoleCode="DONOR_VESSEL" +ID / schemeID="CFR"	Vessel_Country must be in EU when CFR is given	WAR	CFR provided but Donor vessel flag not in EU
ISR-L00-03-0111	FLAG	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" / VesselTransportMeans / RoleCode="DONOR_VESSEL" +Registration Vessel_Country	Vessel Flag must be present	WAR	Vessel Flag not provided
ISR-L01-03-0094	FLAG	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" / VesselTransportMeans / RoleCode="DONOR_VESSEL" +Registration Vessel_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-03-0095	FLAG	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" / VesselTransportMeans / RoleCode="DONOR_VESSEL" +Registration Vessel_Country	ID must be in schemeID="TERRITORY"	WAR	Flag State value is not valid.
ISR-L01-03-0096	VESSEL TYPE	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" / VesselTransportMeans / RoleCode="DONOR_VESSEL" +TypeCode	Check attribute listID. Must be VESSEL_TYPE	WAR	Invalid listID provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0112	VESSEL TYPE	IS_Report / Specified. Fishing_Activity / TypeCode="TRANSHIPMENT" / VesselTransportMeans / RoleCode="DONOR_VESSEL" +TypeCode	TypeCode must be in listID="VESSEL_TYPE"	WAR	The Donor vessel type is not valid

8.7.8. Section 8 OBSERVATIONS AND COMMENTS

See section 8.4.6.

8.7.9. Section 9 SUSPECTED INFRINGEMENTS

See section 8.4.8

8.7.10. Section 10 INSPECTION CLOSURE

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-03-0113	ACTIONS TAKEN	IS_Report / ISRItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +ValueIndicator	Must be present.	WAR	ACTIONS TAKEN not provided
ISR-L00-03-0114	ACTIONS TAKEN DETAILS	IS_Report / ISRItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +Value (text)	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +ValueIndicator / IndicatorString="Y"	WAR	ACTIONS TAKEN DETAILS not provided
ISR-L00-03-0115	INSPECTOR IN CHARGE SIGNATURE	IS_Report / ISRItemCharacteristic / TypeCode = "INSPECTOR_IN_CHARGE_SIGNATURE" +ValueIndicator	Must be present.	WAR	INSPECTOR IN CHARGE SIGNATURE not provided
ISR-L00-03-0116	MASTER SIGNATURE	IS_Report / ISRItemCharacteristic / TypeCode = "MASTER_SIGNATURE" +ValueIndicator	Must be present.	WAR	MASTER SIGNATURE not provided

8.8. Rules for Inspection of market/premises (Module 4)

All these business rules apply to any IS_Report where IS_Report / TypeCode= "MARKET".

8.8.1. Section 1 GENERAL REFERENCE DATA

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-04-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Must be present	ERR	The report identification is not provided
ISR-L01-04-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Check attribute schemeID. Must be EU_ISR_ID	ERR	Invalid schemeID provided
ISR-L01-04-0002	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	value must follow schemeID="EU_ISR_ID" (see section 6.2.3)	ERR	The report identification is not a valid EU_ISR_ID
ISR-L03-04-0001	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	Must be unique if PurposeCode="9" (new submission)	WAR	The report identification is not unique
ISR-L00-04-0002	REPORT DATE	IS_Report / Reference.DateTime	Must be present	ERR	The Report Date is not provided
ISR-L01-04-0003	REPORT DATE	IS_Report / Reference.DateTime	IS_Report / Reference.DateTime value must be a UTC date time according to ISO 8601 format	ERR	The Report Date format is not valid.
ISR-L00-04-0004	REPORT CONTEXT	IS_Report / ContextTypeCode	Must be present	WAR	The report context is not provided
ISR-L01-04-0006	REPORT CONTEXT	IS_Report / ContextTypeCode	Check attribute listID. Must be ISR_REPORT_CONTEXT	WAR	Invalid listID provided
ISR-L01-04-0007	REPORT CONTEXT	IS_Report / ContextTypeCode	value must be in listID="ISR_REPORT_CONTEXT"	WAR	The report context is not valid
ISR-L00-04-0005	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"+ID	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" must be present	ERR	The Control Party is not provided
ISR-L01-04-0008	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"+ID	Check attribute schemeID. Must be ISR_CONTROL_PARTY	ERR	Invalid schemeID provided
ISR-L01-04-0009	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" +ID	value must be in schemeID="ISR_CONTROL_PARTY"	ERR	The Control Party value is not valid
ISR-L00-04-0006	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must be present	WAR	The Control authority is not provided
ISR-L01-04-0070	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must not be empty	WAR	The Control authority must not be empty
ISR-L00-04-0007	DATE/TIME OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / Start.DateTime must be present	ERR	The DateTime of the start of the inspection is not provided.
ISR-L01-04-0010	DATE/TIME OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / Start.DateTime value must be a UTC date time according to ISO 8601 format	ERR	The DateTime of the start of the inspection format is not valid.
ISR-L00-04-0008	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime must be present	WAR	The DateTime of the end of the inspection is not provided.
ISR-L01-04-0011	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime value must be a UTC date time according to ISO 8601 format	WAR	The DateTime of the end of the inspection format is not valid.

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L02-04-0001	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	End.DateTime value must be > Start.DateTime	WAR	The DateTime of the end of the inspection is before the DateTime of the start.

8.8.2. Section 2 INSPECTION MEANS

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-04-0009	INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE"	Must be present.	WAR	Inspector in charge not provided
ISR-L00-04-0010	NAME or ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person or IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" is present IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person or IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID must be present	WAR	Inspector in charge name or ID not provided
ISR-L00-04-0061	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Given Name	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person is present, Given Name Must be present	WAR	Inspector in charge Given Name must be present
ISR-L01-04-0050	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Inspector in charge Given Name must not be empty
ISR-L00-04-0062	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Family Name	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person is present, Family name must be present	WAR	Inspector in charge Family Name must be present
ISR-L01-04-0051	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Family Name	Family name must not be empty	WAR	Inspector in charge Family Name must not be empty
ISR-L01-04-0080	ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-04-0081	ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-04-0011	NATIONALITY	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Nationality_Country	Must be present if IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" is present.	WAR	Inspector in charge nationality not provided
ISR-L01-04-0012	NATIONALITY	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-04-0013	NATIONALITY	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspector in charge nationality value not valid
ISR-L00-04-0012	SECOND INSPECTOR	IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR"	IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR" must be present	WAR	Second inspector not provided
ISR-L00-04-0013	NAME or ID	IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +Contact_Person or IS_	if IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR" is present IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR"	WAR	Second inspector name or ID not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +ID	Contact_Person or IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +ID must be present.		
ISR-L00-04-0063	NAME	IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +Contact_Person /Given Name	If IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" / Contact_Person is present, Given Name Must be present	WAR	Second inspector Given Name must be present
ISR-L01-04-0052	NAME	IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Second inspector Given Name must not be empty
ISR-L00-04-0064	NAME	IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +Contact_Person /Family Name	If IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" / Contact_Person is present, Family name must be present	WAR	Second inspector Family Name must be present
ISR-L01-04-0053	NAME	IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +Contact_Person /Family Name	Family name must not be empty	WAR	Second inspector Family Name must not be empty
ISR-L01-04-0082	ID	IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-04-0083	ID	IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-04-0014	NATIONALITY	IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR" +Nationality_Country	Must be present if IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR" is present.	WAR	Second inspector nationality not provided
ISR-L01-04-0014	NATIONALITY	IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-04-0015	NATIONALITY	IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Second inspector nationality value not valid
ISR-L00-04-0015	NAME or ID	IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" +Contact_Person or IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" +ID	if IS_report / ContactParty / RoleCode ="OTHER_INSPECTOR" is present IS_report / ContactParty / RoleCode ="OTHER_INSPECTOR" / Contact_Person or IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" +ID must be present	WAR	Other inspector name or ID not provided
ISR-L00-04-0065	NAME	IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" +Contact_Person /Given Name	If IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" / Contact_Person is present, Given Name Must be present	WAR	Given Name must be present
ISR-L01-04-0054	NAME	IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Other inspector Given Name must not be empty
ISR-L00-04-0066	NAME	IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" +Contact_Person /Family Name	If IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" / Contact_Person is present, Family name must be present	WAR	Other inspector Family Name must be present
ISR-L01-04-0055	NAME	IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" +Contact_Person /Family Name	Family name must not be empty	WAR	Other inspector Family Name must not be empty
ISR-L01-04-0084	ID	IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" +ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-04-0085	ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" +ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-04-0016	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" +Nationality_Country	Must be present if IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" is present.	WAR	Other inspector nationality not provided
ISR-L01-04-0016	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-04-0017	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Other inspector nationality value not valid

8.8.3. Section 3 PRE-INSPECTION

None.

8.8.4. Section 4 INSPECTED MARKET OR PREMISES

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-04-0018	LOCATION OF THE PORT (name in the EU)	IS_Report/ ISRIItemCharacteristic /TypeCode="PORT_OF_INSPECTION" +FLUX_Location / TypeCode ="LOCATION" +Identifier	IS_Report/ ISRIItemCharacteristic /TypeCode="PORT_OF_INSPECTION" +FLUX_Location / TypeCode ="LOCATION"/ ID in schemeID="LOCATION", value=UN/LOCODE	WAR	ID of PORT OF INSPECTION not valid
ISR-L00-04-0017	INSPECTED MARKET OR PREMISES	IS_Report / ContactParty / RoleCode= "INSPECTED_MARKET_OR_PREMISES"	Must be present	ERR	Inspected market or premises not provided
ISR-L00-04-0018	NAME	IS_Report / ContactParty / RoleCode= "INSPECTED_MARKET_OR_PREMISES" +Name	Must be present	ERR	Inspected market or premises name not provided
ISR-L01-04-0019	NAME	IS_Report / ContactParty / RoleCode= "INSPECTED_MARKET_OR_PREMISES" +Name	Must not be empty	ERR	Inspected market or premises name must not be empty
ISR-L00-04-0019	ADDRESS	IS_Report / ContactParty / RoleCode= "INSPECTED_MARKET_OR_PREMISES" +Structured_Address	Must be present.	ERR	Inspected market or premises address not provided
ISR-L00-04-0020	MARKET OWNER	IS_Report / ContactParty / RoleCode= "MARKET_OWNER"	Must be present	WAR	Market owner not provided
ISR-L00-04-0021	LEGAL ENTITY NAME PERSON NAME	IS_Report / ContactParty / RoleCode= "MARKET_OWNER" +Name	If MARKET OWNER is present, NAME or LEGAL ENTITY NAME must be present	WAR	Market owner name must be a legal entity name or a person nameContactParty
ISR-L01-04-0071	LEGAL ENTITY NAME	IS_Report / ContactParty / RoleCode= "MARKET_OWNER" +Name	If LEGAL ENTITY NAME is present, must not be empty	WAR	NAME or LEGAL ENTITY NAME must not be empty
ISR-L00-04-0022	PERSON NAME	IS_Report / ContactParty / RoleCode= "MARKET_OWNER" +Contact_Person /	If MARKET OWNER is present, NAME or LEGAL ENTITY NAME must be present	WAR	Market owner name must be a ContactParty or Contact_Person name
ISR-L00-04-0067	PERSON NAME	IS_Report / ContactParty / RoleCode= "MARKET_OWNER" +Contact_Person /Given Name	Given Name Must be present	WAR	Market owner Given Name must be present
ISR-L01-04-0056	PERSON NAME	IS_Report / ContactParty / RoleCode= "MARKET_OWNER" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Market owner Given Name must not be empty

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-04-0068	PERSON NAME	IS_Report / ContactParty / RoleCode="MARKET_OWNER" +Contact_Person /Family Name	Family name must be present	WAR	Market owner Family Name must be present
ISR-L01-04-0057	PERSON NAME	IS_Report / ContactParty / RoleCode="MARKET_OWNER" +Contact_Person /Family Name	Family name must not be empty	WAR	Market owner Family Name must not be empty
ISR-L00-04-0023	NATIONALITY	IS_Report / ContactParty / RoleCode="MARKET_OWNER" +Nationality_Country	If IS_Report / ContactParty / RoleCode ="MARKET_OWNER" is present, must be present.	WAR	Inspected market or premises owner nationality not provided
ISR-L01-04-0020	NATIONALITY	IS_Report / ContactParty / RoleCode="MARKET_OWNER" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-04-0021	NATIONALITY	IS_Report / ContactParty / RoleCode="MARKET_OWNER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected market or premises owner nationality not valid
ISR-L00-04-0024	ADDRESS	IS_Report / ContactParty / RoleCode="MARKET_OWNER" +Structured_Address	If IS_Report / ContactParty / RoleCode ="MARKET_OWNER" is present, must be present.	WAR	Inspected market or premises owner address not provided
ISR-L00-04-0025	MARKET OWNER'S REPRESENTATIVE	ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE"	Must be present	WAR	Inspected market or premises owner representative not provided
ISR-L00-04-0026	NAME	IS_Report / ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE" +Contact_Person /	if ContactParty / Role="MARKET_OWNER_REPRESENTATIVE" is present ContactParty / Role="MARKET_OWNER_REPRESENTATIVE"/ Contact_Person / must be present	WAR	Inspected market or premises owner representative contact not provided
ISR-L00-04-0069	NAME	IS_Report / ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE" +Contact_Person / Given Name	Given Name Must be present	WAR	Inspected market or premises owner representative Given Name must be present
ISR-L01-04-0058	NAME	IS_Report / ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE" +Contact_Person / Given Name	Given Name Must not be empty	WAR	Inspected market or premises owner representative Given Name must not be empty
ISR-L00-04-0070	NAME	IS_Report / ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE" +Contact_Person / Family Name	Family name must be present	WAR	Inspected market or premises owner representative Family Name must be present
ISR-L01-04-0059	NAME	IS_Report / ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE" +Contact_Person / Family Name	Family name must not be empty	WAR	Inspected market or premises owner representative Family Name must not be empty
ISR-L00-04-0027	NATIONALITY	IS_Report / ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE" +Nationality_Country	if ContactParty / Role="MARKET_OWNER_REPRESENTATIVE" is present , Nationality must be present	WAR	Inspected market or premises owner representative nationality not provided
ISR-L01-04-0023	NATIONALITY	IS_Report / ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-04-0024	NATIONALITY	IS_Report / ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected market or premises owner representative nationality not valid
ISR-L00-04-0028	ADDRESS	IS_Report / ContactParty / RoleCode="MARKET_OWNER_REPRESENTATIVE" +Structured_Address	If IS_Report / ContactParty / RoleCode ="MARKET_OWNER_REPRESENTATIVE" is present, must be present.	WAR	Inspected market or premises owner representative address not provided

8.8.5. Section 5 DOCUMENTS & AUTHORISATIONS

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-04-0029	DOCUMENTS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" +CheckInspectionCode	Must be present.	WAR	Documents check not provided
ISR-L00-04-0030	LANDING DECLARATION CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "LANDING_DECLARATION_CHECKED" +CheckInspectionCode	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "DOCUMENTS_CHECKED" / CheckInspectionCode="Yes"	WAR	LANDING DECLARATION CHECK not provided
ISR-L00-04-0031	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH"	Must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS not provided
ISR-L00-04-0032	LEGAL ENTITY NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Name	if RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS is present, NAME or LEGAL ENTITY NAME must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS name must be a ContactParty or Contact_Person name
ISR-L00-04-0033	PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person /	If RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS is present, NAME or LEGAL ENTITY NAME must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS name must be a ContactParty or Contact_Person name
ISR-L00-04-0071	PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person /Given Name	Given Name Must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS Given Name must be present
ISR-L01-04-0061	PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person /Given Name	Given Name Must not be empty	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS Given Name must not be empty
ISR-L00-04-0072	PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person /Family Name	Family name must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS Family Name must be present
ISR-L01-04-0062	PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person /Family Name	Family name must not be empty	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS Family Name must not be empty
ISR-L00-04-0034	NATIONALITY	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Nationality_Country	if RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS is present, Nationality must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS nationality not provided
ISR-L01-04-0026	NATIONALITY	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-04-0027	NATIONALITY	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS nationality not valid
ISR-L00-04-0035	LEGAL ENTITY NAME	IS_Report / ContactParty / RoleCode= "IMPORTER" +Name	If IS_Report / ContactParty / RoleCode= "IMPORTER" +Name is present, LEGAL ENTITY NAME or PERSON NAME must be present	WAR	IMPORTER name must be a ContactParty or Contact_Person name
ISR-L00-04-0036	PERSON NAME	IS_Report / ContactParty / RoleCode= "IMPORTER" +Contact_Person /	If IS_Report / ContactParty / RoleCode= "IMPORTER" +Name is present, LEGAL ENTITY NAME or PERSON NAME must be present	WAR	IMPORTER must be a ContactParty or Contact_Person name
ISR-L00-04-0073	PERSON NAME	IS_Report / ContactParty / RoleCode= "IMPORTER" +Contact_Person /Given Name	Given Name Must be present	WAR	IMPORTER Given Name must be present

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-04-0063	PERSON NAME	IS_Report / ContactParty / RoleCode= "IMPORTER" +Contact_Person /Given Name	Given Name Must not be empty	WAR	IMPORTER Given Name must not be empty
ISR-L00-04-0074	PERSON NAME	IS_Report / ContactParty / RoleCode= "IMPORTER" +Contact_Person /Family Name	Family name must be present	WAR	IMPORTER Family Name must be present
ISR-L01-04-0064	PERSON NAME	IS_Report / ContactParty / RoleCode= "IMPORTER" +Contact_Person /Family Name	Family name must not be empty	WAR	IMPORTER Family Name must not be empty
ISR-L02-04-0012	NATIONALITY	IS_Report / ContactParty / RoleCode= "IMPORTER" +Nationality_Country	If IS_Report / ContactParty / RoleCode= "IMPORTER" is present, must be present	WAR	IMPORTER Nationality must be present
ISR-L01-04-0029	NATIONALITY	IS_Report / ContactParty / RoleCode= "IMPORTER" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-04-0030	NATIONALITY	IS_Report / ContactParty / RoleCode= "IMPORTER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	IMPORTER nationality not valid

8.8.6. Section 6 GEAR

None.

8.8.7. Section 7 CATCH / PRODUCT

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-04-0037	FISHERIES PRODUCTS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "FISHERIES_PRODUCTS_CHECKED" +CheckInspectionCode	Must be present.	WAR	FISHERIES PRODUCTS CHECK not provided
ISR-L00-04-0038	MINIMUM CONSERVATION REFERENCE SIZE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "MIN_REFERENCE_SIZE_CHECK" +CheckInspectionCode	Must be present.	WAR	MINIMUM CONSERVATION REFERENCE SIZE CHECK not provided
ISR-L00-04-0039	LABELLING FOR TRACEABILITY CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "LABELLING_CHECKED" +CheckInspectionCode	Must be present	WAR	LABELLING CHECK not provided
ISR-L00-04-0040	COMMON MARKETING STANDARDS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "COMM_MARKET_STANDARDS_CHECK" +CheckInspectionCode	Must be present	WAR	COMMON MARKETING STANDARDS CHECK not provided
ISR-L00-04-0041	INSPECTED FISHERIES PRODUCT DETAILS	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT"	Must be present only if IS_Report / ISRIItemCharacteristic / TypeCode = "FISHERIES_PRODUCTS_CHECK" +CheckInspectionCode="Yes". There must be at least 1 entry	WAR	INSPECTED FISHERIES PRODUCT DETAILS not provided
ISR-L00-04-0042	SPECIES	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +SpeciesCode	Must be present.	WAR	SPECIES not provided
ISR-L01-04-0032	SPECIES	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +SpeciesCode	Check attribute listID. Must be FAO_SPECIES	WAR	Invalid listID provided
ISR-L01-04-0033	SPECIES	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / SpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-04-0043	WEIGHT	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / WeightMeasure	WeightMeasure or UnitQuantity must be present.	WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-04-0034	WEIGHT	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number
ISR-L01-04-0035	WEIGHT	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
				WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-04-0036	NUMBER OF FISH	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / UnitQuantity	UnitQuantity Must be a number	WAR	NUMBER OF FISHES not a number
ISR-L01-04-0037	NUMBER OF FISH	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / UnitQuantity	UnitQuantity must be >0	WAR	NUMBER OF FISHES must be >0
ISR-L00-04-0045	FISH PRESENTATION	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	Must be present with listID="FISH_PRESENTATION".	WAR	FISH PRESENTATION not provided
ISR-L01-04-0038	FISH PRESENTATION FISH PRESERVATION	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	listID must be FISH_PRESENTATION or FISH_PRESERVATION	WAR	Invalid listID provided
ISR-L01-04-0039	FISH PRESENTATION	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	If listID="FISH_PRESENTATION", TypeCode Value must be in listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not valid
ISR-L00-04-0046	PRESERVATION FORM	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	Must be present with listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not provided
ISR-L01-04-0041	PRESERVATION FORM	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	If listID="FISH_PRESERVATION", TypeCode Value must be in listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not valid
ISR-L00-04-0047	CATCH AREA	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +FLUX_Location / TypeCode="AREA" +ID	Must be present	WAR	CATCH AREA not provided
ISR-L00-04-0048	UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	Must be present	WAR	UNDERSIZE FISH not provided
ISR-L01-04-0044	UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	Check attribute listID. Must be FISH_SIZE_CLASS	WAR	Invalid listID provided
ISR-L01-04-0045	UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	ClassCode Value must be in listID="FISH_SIZE_CLASS"	WAR	UNDERSIZE FISH code not valid
ISR-L00-04-0049	ORIGINATING FISHING VESSEL	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Related.	Must be present	WAR	ORIGINATING FISHING VESSEL not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / RoleCode="ORIGINATING_FISHING_VESSEL"			
ISR-L01-04-0046	ORIGINATING FISHING VESSEL	IS_Report / FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" +Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / RoleCode="ORIGINATING_FISHING_VESSEL"	RoleCode must be in listID="ISR_VESSEL_ROLE"	WAR	Related. VesselTransportMeans / RoleCode not in listID="ISR_VESSEL_ROLE"
ISR-L00-04-0050	NAME	IS_Report / FA_Catch / TypeCode="INSPECTED_FISHERIES_PRODUCT" +Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / RoleCode="ORIGINATING_FISHING_VESSEL" +Name	Must be present.	WAR	The originating vessel name is not provided
ISR-L00-04-0051	FLAG	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / Related. VesselTransportMeans / Registration Vessel_Country	Must be present if FA_Catch / TypeCode = "INSPECTED_FISHERIES_PRODUCT" and Origin Fishing_Activity / TypeCode="FISHING_OPERATION" and Related. VesselTransportMeans / RoleCode="ORIGINATING_FISHING_VESSEL"	WAR	The originating Vessel's Flag State is not provided.
ISR-L01-04-0047	FLAG	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / Related. VesselTransportMeans / +Registration Vessel_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-04-0048	FLAG	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / Related. VesselTransportMeans / Registration Vessel_Country / ID	ID must be in schemeID="TERRITORY"	WAR	The originating Vessel's Flag State value is not valid.
ISR-L00-04-0052	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / Related. VesselTransportMeans / ID	There must be at least one EXT_MARK, IRCS UVI or CFR if VesselTransportMeans / RoleCode="ORIGINATING_FISHING_VESSEL"	WAR	At least one of the IRCS, External Markings, UVI or CFR must be provided
ISR-L01-04-0049	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / Related. VesselTransportMeans / ID	Check attribute schemeID. Must be EXT_MARK, IRCS, UVI or CFR if VesselTransportMeans / RoleCode="ORIGINATING_FISHING_VESSEL"	WAR	Invalid schemeID provided
ISR-L02-04-0013	COMMUNITY FLEET REGISTER NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / Related. VesselTransportMeans / ID / schemeID="CFR"	If EU-flagged vessel, CFR must be provided	WAR	EU-flagged vessel, but no CFR provided
ISR-L02-04-0014	COMMUNITY FLEET REGISTER NUMBER	IS_Report / FA_Catch / Related. Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity	Vessel_Country must be in EU when CFR is given	WAR	CFR provided but Inspected vessel flag not in EU

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		/ Related. VesselTransportMeans / ID / schemeID="CFR"			

8.8.8. Section 8 OBSERVATIONS AND COMMENTS

See section 8.4.6.

8.8.9. Section 9 SUSPECTED INFRINGEMENTS

See section 8.4.8.

8.8.10. Section 10 INSPECTION CLOSURE

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-04-0053	ACTIONS TAKEN	IS_Report / ISRItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +ValueIndicator	Must be present.	WAR	ACTIONS TAKEN not provided
ISR-L00-04-0054	ACTIONS TAKEN DETAILS	IS_Report / ISRItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +Value (text)	Must be present if IS_Report / ISRItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +ValueIndicator / IndicatorString="Y"	WAR	ACTIONS TAKEN DETAILS not provided
ISR-L00-04-0055	INSPECTOR IN CHARGE SIGNATURE	IS_Report / ISRItemCharacteristic / TypeCode = "INSPECTOR_IN_CHARGE_SIGNATURE" +ValueIndicator	Must be present.	WAR	INSPECTOR IN CHARGE SIGNATURE not provided
ISR-L00-04-0056	OPERATOR / OWNER SIGNATURE	IS_Report / ISRItemCharacteristic / TypeCode = "OPERATOR_OWNER_SIGNATURE" +ValueIndicator	Must be present.	WAR	OPERATOR / OWNER SIGNATURE not provided

8.9. Rules for Inspection during transport (Module 5)

All these business rules apply to any IS_Report where IS_Report / TypeCode= "TRANSPORT".

8.9.1. Section 1 GENERAL REFERENCE DATA

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-05-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Must be present	ERR	The report identification is not provided
ISR-L01-05-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Check attribute schemeID. Must be EU_ISR_ID	ERR	Invalid schemeID provided
ISR-L01-05-0002	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	value must follow schemeID="EU_ISR_ID" (see section 6.2.3)	ERR	The report identification is not a valid EU_ISR_ID
ISR-L03-05-0002	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	Must be unique if PurposeCode="9" (new submission)	WAR	The report identification is not unique
ISR-L00-05-0002	REPORT DATE	IS_Report / Reference.DateTime	Must be present	ERR	The Report Date is not provided
ISR-L01-05-0003	REPORT DATE	IS_Report / Reference.DateTime	IS_Report / Reference.DateTime value must be a UTC date time according to ISO 8601 format	ERR	The Report Date format is not valid.
ISR-L00-05-0004	REPORT CONTEXT	IS_Report / ContextTypeCode	Must be present	WAR	The report context is not provided
ISR-L01-05-0006	REPORT CONTEXT	IS_Report / ContextTypeCode	Check attribute listID. Must be ISR_REPORT_CONTEXT	WAR	Invalid listID provided
ISR-L01-05-0007	REPORT CONTEXT	IS_Report / Context_TypeCode	value must be in listID="ISR_REPORT_CONTEXT"	WAR	The inspection context is not valid
ISR-L00-05-0005	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" +ID	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" must be present	ERR	The Control Party is not provided
ISR-L01-05-0008	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" +ID	Check attribute schemeID. Must be ISR_CONTROL_PARTY	ERR	Invalid schemeID provided
ISR-L01-05-0009	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" +ID	value must be in schemeID="ISR_CONTROL_PARTY"	ERR	The Control Party value is not valid
ISR-L00-05-0006	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must be present	WAR	The Control authority is not provided
ISR-L01-05-0080	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must not be empty	WAR	The Control authority name must not be empty
ISR-L00-05-0007	DATE/TIME OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / Start.DateTime must be present	ERR	The DateTime of the start of the inspection is not provided.
ISR-L01-05-0010	DATE/TIME OF THE INSPECTION - START	IS_Report / IS_Event / TypeCode="INSPECTION" +OccurrenceDelimitedPeriod / Start.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / Start.DateTime value must be a UTC date time according to ISO 8601 format	ERR	The DateTime of the start of the inspection format is not valid.
ISR-L00-05-0008	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime must be present	WAR	The DateTime of the end of the inspection is not provided.
ISR-L01-05-0011	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime value must be a UTC date time according to ISO 8601 format	WAR	The DateTime of the end of the inspection format is not valid.

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L02-05-0001	DATE/TIME OF THE INSPECTION - FINISH	IS_Report / IS_Event / TypeCode="INSPECTION"; IS_Report / IS_Event / OccurrenceDelimitedPeriod / End.DateTime	End.DateTime value must be > Start.DateTime	WAR	The DateTime of the end of the inspection is before the DateTime of the start.

8.9.2. Section 2 INSPECTION MEANS

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-05-0009	INSPECTOR IN CHARGE	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE"	Must be present.	WAR	Inspector in charge not provided
ISR-L00-05-0010	NAME or ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person or IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" is present IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person or IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +ID must be present.	WAR	Inspector in charge name or ID not provided
ISR-L00-05-0080	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Given Name	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person is present, Given Name Must be present	WAR	Inspector in charge Given Name must be present
ISR-L01-05-0081	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Inspector in charge Given Name must not be empty
ISR-L00-05-0081	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Family Name	If IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" / Contact_Person is present, Family name must be present	WAR	Inspector in charge Family Name must be present
ISR-L01-05-0082	NAME	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Contact_Person /Family Name	Family name must not be empty	WAR	Inspector in charge Family Name must not be empty
ISR-L01-05-0100	ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE"+ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-05-0101	ID	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE"+ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-05-0011	NATIONALITY	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Nationality_Country	Must be present if IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" is present.	WAR	Inspector in charge nationality not provided
ISR-L01-05-0012	NATIONALITY	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-05-0013	NATIONALITY	IS_Report / ContactParty / RoleCode ="INSPECTOR_IN_CHARGE" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspector in charge nationality value not valid
ISR-L00-05-0012	SECOND INSPECTOR	IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR"	IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR" must be present	WAR	Second inspector not provided
ISR-L00-05-0013	NAME or ID	IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +Contact_Person or IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +ID	if IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR" is present IS_report / ContactParty / RoleCode ="SECOND_INSPECTOR" Contact_Person or IS_Report / ContactParty / RoleCode ="SECOND_INSPECTOR" +ID must be present.	WAR	Second inspector name or ID not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-05-0082	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Given Name	If IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person is present, Given Name Must be present	WAR	Second inspector Given Name must be present
ISR-L01-05-0083	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Given Name	Given Name Must not be empty	WAR	Second inspector Given Name must not be empty
ISR-L00-05-0083	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Family Name	If IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" / Contact_Person is present, Family name must be present	WAR	Second inspector Family Name must be present
ISR-L01-05-0084	NAME	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Contact_Person / Family Name	Family name must not be empty	WAR	Second inspector Family Name must not be empty
ISR-L01-05-0102	ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-05-0103	ID	IS_Report / ContactParty / RoleCode = "SECOND_INSPECTOR" + ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-05-0014	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Nationality_Country	Must be present if IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" is present.	WAR	Second inspector nationality not provided
ISR-L01-05-0014	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-05-0015	NATIONALITY	IS_report / ContactParty / RoleCode = "SECOND_INSPECTOR" + Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Second inspector nationality value not valid
ISR-L00-05-0015	NAME or ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person or IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID	if IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" is present IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" Contact_Person or IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID must be present.	WAR	Other inspector name or ID not provided
ISR-L00-05-0084	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Given Name	If IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" / Contact_Person is present, Given Name Must be present	WAR	Given Name must be present
ISR-L01-05-0085	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Given Name	Given Name Must not be empty	WAR	Other inspector Given Name must not be empty
ISR-L00-05-0085	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Family Name	If IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" / Contact_Person is present, Family name must be present	WAR	Other inspector Family Name must be present
ISR-L01-05-0086	NAME	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Contact_Person / Family Name	Family name must not be empty	WAR	Other inspector Family Name must not be empty
ISR-L01-05-0104	ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID	If present, ID must not be empty.	WAR	Inspector ID must not be empty.
ISR-L01-05-0105	ID	IS_Report / ContactParty / RoleCode = "OTHER_INSPECTOR" + ID	Check attribute schemeName of ID, must not be empty	WAR	The schemeName for Inspector ID cannot be empty.
ISR-L00-05-0016	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	Must be present if IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" is present.	WAR	Other inspector nationality not provided
ISR-L01-05-0016	NATIONALITY	IS_report / ContactParty / RoleCode = "OTHER_INSPECTOR" + Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-05-0017	NATIONALITY	IS_Report / ContactParty / RoleCode ="OTHER_INSPECTOR" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Other inspector nationality value not valid

8.9.3. Section 3 PRE-INSPECTION

None.

8.9.4. Section 4 INSPECTED VEHICLE

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-05-0017	LOCATION OF INSPECTION	IS_Report / ISRIItemCharacteristic / TypeCode="LOCATION_OF_INSPECTION" +FLUX_ Location / TypeCode="ADDRESS"	At least one of ADDRESS or POSITION	WAR	Location of the inspection must be at least one of ADDRESS or POSITION
ISR-L00-05-0018	ADDRESS	IS_Report / ISRIItemCharacteristic / TypeCode="LOCATION_OF_INSPECTION" +FLUX_ Location / TypeCode="ADDRESS" / Physical Structured_Address	If LOCATION=ADDRESS, must be present	WAR	Inspection location defined as address but no address provided
ISR-L00-05-0019	LOCATION OF INSPECTION	IS_Report / ISRIItemCharacteristic / TypeCode="LOCATION_OF_INSPECTION" +FLUX_ Location / TypeCode="POSITION"	At least one of ADDRESS or POSITION	WAR	Location of the inspection must be at least one of ADDRESS or POSITION
ISR-L00-05-0020	GEOGRAPHICAL COORDINATES	IS_Report / ISRIItemCharacteristic / TypeCode="LOCATION_OF_INSPECTION" +FLUX_ Location / TypeCode="POSITION" / Physical FLUX_Geographical Coordinate /	If LOCATION=POSITION, must be present	WAR	Location of inspection defined as Position but Geographical Coordinate is not provided
ISR-L00-05-0022	INSPECTED VEHICLE	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE"	Must be present	ERR	Inspected vehicle not provided
ISR-L00-05-0074	VEHICLE TYPE	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" / TypeCode	Must be present	WAR	Inspected vehicle type not provided
ISR-L01-05-0075	VEHICLE TYPE	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" / TypeCode	value must be in listID="VEHICLE_TYPE"	WAR	Invalid Inspected vehicle type provided
ISR-L00-05-0023	COUNTRY OF REGISTRATION	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +Registration Country_ Identification	Must be present	ERR	Country of registration not provided
ISR-L01-05-0023	COUNTRY OF REGISTRATION	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +Registration Country_ Identification	Check attribute schemeID. Must be TERRITORY	ERR	Invalid schemeID provided
ISR-L01-05-0024	COUNTRY OF REGISTRATION	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +Registration Country_ Identification	ID must be in schemeID="TERRITORY"	ERR	Country of registration not valid
ISR-L00-05-0024	TRACTOR IDENTIFICATION	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +Identification	Must be present	ERR	Tractor identification not provided
ISR-L01-05-0025	TRACTOR IDENTIFICATION	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +Identification	Check attribute schemeID. Must be in FLUX_VEHICLE_ID_TYPE	ERR	Invalid schemeID provided
ISR-L00-05-0025	OWNER	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER"	Must be present	WAR	Vehicle owner not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-05-0026	LEGAL ENTITY NAME PERSON NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Name IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Contact_Person /	If IS_Report / Vehicle_Transport Means / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" is present, LEGAL ENTITY NAME or PERSON NAME must be present	WAR	Vehicle owner name must be a legal entity name or a person nameContactParty
ISR-L00-05-0027	PERSON NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Contact_Person /	If IS_Report / Vehicle_Transport Means / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" is present, LEGAL ENTITY NAME or PERSON NAME must be present	WAR	Vehicle owner name must be a ContactParty or Contact_Person name
ISR-L00-05-0087	PERSON NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Contact_Person /Given Name	If IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Contact_Person is present, Given Name Must be present	WAR	Vehicle owner Given Name must be present
ISR-L01-05-0088	PERSON NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Vehicle owner Given Name must not be empty
ISR-L00-05-0088	PERSON NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Contact_Person /Family Name	If IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Contact_Person is present, Family name must be present	WAR	Vehicle owner Family Name must be present
ISR-L01-05-0089	PERSON NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Contact_Person /Family Name	Family name must not be empty	WAR	Vehicle owner Family Name must not be empty
ISR-L00-05-0028	NATIONALITY	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Nationality_Country	If IS_Report / Vehicle_Transport Means / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" is present, must be present.	WAR	Inspected vehicle owner nationality not provided
ISR-L01-05-0028	NATIONALITY	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-05-0029	NATIONALITY	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Inspected vehicle owner nationality not valid
ISR-L00-05-0029	ADDRESS	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="OWNER" +Structured_Address	If IS_Report / Vehicle_Transport Means / Vehicle_Transport Means / ContactParty / RoleCode="OWNER" is present, must be present	WAR	Inspected vehicle owner address not provided
ISR-L00-05-0030	DRIVER	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="DRIVER"	Must be present	WAR	Vehicle driver not provided
ISR-L00-05-0031	NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="DRIVER" +Contact_Person /	If IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="DRIVER" is present , IS_Report / Vehicle_Transport Means / ContactParty / RoleCode="DRIVER" +Contact_ Person / must be present	WAR	Driver contact not provided
ISR-L00-05-0089	NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty /	Given Name Must be present	WAR	Driver Given Name must be present

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		RoleCode="DRIVER" +Contact_Person / Given Name			
ISR-L01-05-0090	NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="DRIVER" +Contact_Person / Given Name	Given Name Must not be empty	WAR	Driver Given Name must not be empty
ISR-L00-05-0090	NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="DRIVER" +Contact_Person / Family Name	Family name must be present	WAR	Driver Family Name must be present
ISR-L01-05-0091	NAME	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="DRIVER" +Contact_Person / Family Name	Family name must not be empty	WAR	Driver Family Name must not be empty
ISR-L00-05-0032	NATIONALITY	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="DRIVER" +Nationality_Country	If IS_Report / Vehicle_Transport Means / ContactParty / RoleCode= "DRIVER" is present , Nationality must be present	WAR	Driver nationality not provided
ISR-L01-05-0031	NATIONALITY	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="DRIVER" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-05-0032	NATIONALITY	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="DRIVER" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Driver nationality not valid
ISR-L00-05-0033	ADDRESS	IS_Report / Vehicle_Transport Means / RoleCode="INSPECTED_VEHICLE" +ContactParty / RoleCode="DRIVER" +Structured_Address	If IS_Report / Vehicle_Transport Means / ContactParty / RoleCode= "DRIVER" is present, must be present.	WAR	Driver address not provided

8.9.5. Section 5 DOCUMENTS & AUTHORISATIONS

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-05-0034	DOCUMENTS RELATED TO FISHERIES PRODUCTS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "DOCS_FISHERIES_PROD_CHECK" +CheckInspectionCode	Must be present.	WAR	Documents check not provided
ISR-L00-05-0035	DESTINATION OF THE VEHICLE CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "DESTINATION_VEHICLE_CHECK" +CheckInspectionCode	Must be present	WAR	DESTINATION OF THE VEHICLE CHECK not provided
ISR-L00-05-0036	DESTINATION OF THE VEHICLE	IS_Report / ISRIItemCharacteristic / TypeCode = "DESTINATION_VEHICLE_CHECK" +CheckInspectionCode="Yes" +FLUX_Location / TypeCode="LOCATION" +Physical structured address	if DESTINATION OF THE VEHICLE CHECK CheckInspectionCode="Yes", must be present	WAR	DESTINATION OF THE VEHICLE not provided
ISR-L00-05-0037	DESTINATION OF THE VEHICLE	IS_Report / ISRIItemCharacteristic / TypeCode = "DESTINATION_VEHICLE_CHECK" +CheckInspectionCode="Yes" +FLUX_Location / TypeCode="LOCATION" +Physical structured address	Must contain at least the state of destination	WAR	DESTINATION OF THE VEHICLE State not provided
ISR-L01-05-0034	DESTINATION OF THE VEHICLE	IS_Report / ISRIItemCharacteristic / TypeCode = "DESTINATION_VEHICLE_CHECK"	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		+CheckInspectionCode="Yes" +FLUX_ Location / TypeCode="LOCATION" +Physical structured address / CountryID			
ISR-L00-05-0038	DESTINATION OF THE VEHICLE	IS_Report / ISRIItemCharacteristic / TypeCode = "DESTINATION_VEHICLE_CHECK" +CheckInspectionCode="Yes" +FLUX_ Location / TypeCode="LOCATION" +Physical structured address / CountryID	CountryID must be in schemeID="TERRITORY"	WAR	DESTINATION OF THE VEHICLE state not valid
ISR-L00-05-0039	CONTROL AUTHORITY WHO AFFIXED THE SEALS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "CONTROL_AUTH_SEALS_CHECK" +Check_Inspection. Code	Must be present	WAR	CONTROL AUTHORITY WHO AFFIXED THE SEALS CHECK not provided
ISR-L00-05-0040	STATUS OF SEALS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "STATUS_OF_SEALS_CHECKED" +Check_Inspection. Code	Must be present	WAR	STATUS OF SEALS CHECK not provided
ISR-L00-05-0094	SEAL DETAILS NOTED ON THE TRANSPORT DOCUMENT CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "SEAL_ON_TRANSPORT_DOC_CHECK" +Check_Inspection. Code	Must be present	WAR	SEAL DETAILS NOTED ON THE TRANSPORT DOCUMENT CHECK not provided
ISR-L00-05-0041	TAKEOVER CROSS CHECK WITH LANDING DECLARATION	IS_Report / ISRIItemCharacteristic / TypeCode = "TAKEOVER_LANDING_CROSSCHECK " +Check_Inspection. Code	Must be present	WAR	TAKE-OVER CROSS CHECK WITH LANDING DECLARATION CheckInspectionCode not provided
ISR-L00-05-0042	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS (PRODUCTS TRANSPORTED BEFORE WEIGHING)	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH"	Must be provided	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS not provided
ISR-L00-05-0043	LEGAL ENTITY NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Name	if RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS is present, NAME or LEGAL ENTITY NAME must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS name must be a ContactParty or Contact_Person name
ISR-L00-05-0044	PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person /	if RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS is present, NAME or LEGAL ENTITY NAME must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS name must be a ContactParty or Contact_Person name
ISR-L00-05-0091	PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person /Given Name	Given Name Must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS Given Name must be present
ISR-L01-05-0092	PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person /Given Name	Given Name Must not be empty	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS Given Name must not be empty
ISR-L00-05-0092	PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person /Family Name	Family name must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS Family Name must be present
ISR-L01-05-0093	PERSON NAME	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Contact_Person /Family Name	Family name must not be empty	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS Family Name must not be empty
ISR-L00-05-0093	NATIONALITY	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Nationality_Country	if RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS is present, Nationality must be present	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS nationality not provided
ISR-L01-05-0036	NATIONALITY	IS_Report / ContactParty / RoleCode= "RESP_1ST_MARKET_OF_FISH" +Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-05-0037	NATIONALITY	IS_Report / ContactParty / RoleCode="RESP_1ST_MARKET_OF_FISH" +Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	RESPONSIBLE FOR THE FIRST MARKETING OF FISHERIES PRODUCTS nationality not valid

8.9.6. Section 6 GEAR

None.

8.9.7. Section 7 CATCH / PRODUCT

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-05-0045	FISHERIES PRODUCTS CHECK	IS_Report / ISRIItemCharacteristic / TypeCode = "FISHERIES_PRODUCTS_CHECKED" +CheckInspectionCode	Must be present.	WAR	FISHERIES PRODUCTS CHECK not provided
ISR-L00-05-0046	FISHERIES PRODUCTS WEIGHED BEFORE TRANSPORT	IS_Report / FA_Catch	Must be present only if IS_Report/ISR Item_Characteristic/TypeCode="FISHERIES_PRODUCTS_CHECK" +CheckInspectionCode="Yes"; There must be at least 1 of FISHERIES PRODUCTS WEIGHED BEFORE TRANSPORT or FISHERIES PRODUCTS TRANSPORTED BEFORE WEIGHING	WAR	FISHERIES PRODUCTS details not provided
ISR-L00-05-0047	SPECIES	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHED_BFR_TRANSP" +SpeciesCode	Must be present.	WAR	SPECIES not provided
ISR-L01-05-0039	SPECIES	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHED_BFR_TRANSP" +SpeciesCodeSpeciesCode	Check attribute listID. Must be FAO_SPECIES	WAR	Invalid listID provided
ISR-L01-05-0040	SPECIES	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHED_BFR_TRANSP" +SpeciesCodeSpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid
ISR-L00-05-0048	WEIGHT	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHED_BFR_TRANSP" +Sales_Batch / AAP_Product / WeightMeasure	WeightMeasure or UnitQuantity must be present.	WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-05-0041	WEIGHT	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHED_BFR_TRANSP" +Sales_Batch / AAP_Product / WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number
ISR-L01-05-0042	WEIGHT	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHED_BFR_TRANSP" +Sales_Batch / AAP_Product / WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
				WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-05-0043	NUMBER OF FISH	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHED_BFR_TRANSP" +Sales_Batch / AAP_Product / UnitQuantity	UnitQuantity Must be a number	WAR	NUMBER OF FISHES not a number
ISR-L01-05-0044	NUMBER OF FISH	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHED_BFR_TRANSP" +Sales_Batch / AAP_Product / UnitQuantity	UnitQuantity must be >0	WAR	NUMBER OF FISHES must be >0

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-05-0050	FISH PRESENTATION	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	Must be present with listID="FISH_PRESENTATION".	WAR	FISH PRESENTATION not provided
ISR-L01-05-0045	FISH PRESENTATION FISH PRESERVATION	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	listID must be FISH_PRESENTATION or FISH_PRESERVATION	WAR	Invalid listID provided
ISR-L01-05-0046	FISH PRESENTATION	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	If listID="FISH_PRESENTATION", TypeCode Value must be in listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not valid
ISR-L00-05-0051	PRESERVATION FORM	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	Must be present with listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not provided
ISR-L01-05-0048	PRESERVATION FORM	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	If listID="FISH_PRESERVATION", TypeCode Value must be in listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not valid
ISR-L00-05-0052	CATCH AREA	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / AAP_Product +Origin FLUX_Location / TypeCode="AREA" +1D	Must be present	WAR	CATCH AREA not provided
ISR-L00-05-0053	UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	Must be present	WAR	UNDERSIZE FISH not provided
ISR-L01-05-0051	UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	Check attribute listID. Must be FISH_SIZE_CLASS	WAR	Invalid listID provided
ISR-L01-05-0052	UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	ClassCode Value must be in listID="FISH_SIZE_CLASS"	WAR	UNDERSIZE FISH code not valid
ISR-L00-05-0054	ORIGINATING FISHING VESSEL	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / RoleCode="ORIGINATING_FISHING_VESSEL"	Must be present	WAR	ORIGINATING FISHING VESSEL not provided
ISR-L00-05-0055	NAME	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / Name	Must be present.	WAR	The originating vessel name is not provided
ISR-L00-05-0056	FLAG	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / Registration Vessel_Country / ID	Must be present.	WAR	The originating Vessel's Flag State is not provided.

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L01-05-0054	FLAG	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / Registration Vessel_Country / ID	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-05-0055	FLAG	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / Registration Vessel_Country / ID	ID must be in schemeID="TERRITORY"	WAR	The originating Vessel's Flag State value is not valid.
ISR-L01-05-0056	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	Check attribute schemeID. Must be EXT_MARK, IRCS, UVI or CFR	WAR	Invalid schemeID provided
ISR-L00-05-0057	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	There must be at least one EXT_MARK, IRCS UVI or CFR	WAR	At least one of the IRCS, External Markings, UVI or CFR must be provided
ISR-L02-05-0010	COMMUNITY FLEET REGISTER NUMBER	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / ID / schemeID="CFR"	If EU-flagged vessel, CFR must be provided	WAR	EU-flagged vessel, but no CFR provided
ISR-L02-05-0011	COMMUNITY FLEET REGISTER NUMBER	IS_Report / FA_Catch / TypeCode = "FISH_PROD_WEIGHTED_BFR_TRANSP" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / ID / schemeID="CFR"	Vessel_Country must be in EU when CFR is given	WAR	CFR provided but Inspected vessel flag not in EU
ISR-L00-05-0058	FISHERIES PRODUCTS TRANSPORTED BEFORE WEIGHING	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING"	Must be present only if IS_Report/ISR Item_Characteristic/TypeCode="FISHERIES_PRODUCTS_CHECK" +CheckInspectionCode="Yes"; There must be at least 1 of FISHERIES PRODUCTS WEIGHED BEFORE TRANSPORT or FISHERIES PRODUCTS TRANSPORTED BEFORE WEIGHING	WAR	FISHERIES PRODUCTS details not provided
ISR-L01-05-0057	SPECIES	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +SpeciesCode	Check attribute listID. Must be FAO_SPECIES	WAR	Invalid listID provided
ISR-L01-05-0058	SPECIES	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +SpeciesCode	SpeciesCode must be in listID="FAO_SPECIES"	WAR	SPECIES code not valid

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-05-0060	WEIGHT	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / WeightMeasure	WeightMeasure or UnitQuantity must be present.	WAR	WEIGHT and NUMBER OF FISHES not provided
ISR-L01-05-0059	WEIGHT	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / WeightMeasure	WeightMeasure Must be a number	WAR	WEIGHT not a number
ISR-L01-05-0060	WEIGHT	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / WeightMeasure	WeightMeasure must be >0	WAR	Weight is ≤ to zero
ISR-L01-05-0061	NUMBER OF FISH	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / UnitQuantity	UnitQuantity Must be a number	WAR	NUMBER OF FISHES not a number
ISR-L01-05-0062	NUMBER OF FISH	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / UnitQuantity	UnitQuantity must be >0	WAR	NUMBER OF FISHES must be >0
ISR-L00-05-0062	FISH PRESENTATION	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	Must be present with listID="FISH_PRESENTATION".	WAR	FISH PRESENTATION not provided
ISR-L01-05-0063	FISH PRESENTATION FISH PRESERVATION	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	listID must be FISH_PRESENTATION or FISH_PRESERVATION	WAR	Invalid listID provided
ISR-L01-05-0064	FISH PRESENTATION	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	If listID="FISH_PRESENTATION", TypeCode Value must be in listID="FISH_PRESENTATION"	WAR	FISH PRESENTATION not valid
ISR-L00-05-0063	PRESERVATION FORM	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	Must be present with listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not provided
ISR-L01-05-0066	PRESERVATION FORM	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / AAP_Process / TypeCode	If listID="FISH_PRESERVATION", TypeCode Value must be in listID="FISH_PRESERVATION"	WAR	FISH PRESERVATION FORM not valid
ISR-L00-05-0064	CATCH AREA	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product +Origin FLUX_Location /TypeCode="AREA" +ID	Must be present	WAR	CATCH AREA not provided
ISR-L00-05-0065	UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	Must be present	WAR	UNDERSIZE FISH not provided
ISR-L01-05-0069	UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	Check attribute listID. Must be FISH_SIZE_CLASS	WAR	Invalid listID provided
ISR-L01-05-0070	UNDERSIZE FISH	IS_Report / FA_Catch / TypeCode = "FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / AAP_Product / Size_Distribution / ClassCode	ClassCode Value must be in listID="FISH_SIZE_CLASS"	WAR	UNDERSIZE FISH code not valid
ISR-L00-05-0066	ORIGINATING VESSEL(S)	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / Specified. AAP_Product / Origin	Must be present	WAR	ORIGINATING FISHING VESSEL not provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / RoleCode="ORIGINATING_FISHING_VESSEL"			
ISR-L00-05-0067	NAME	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / Name	Must be present.	WAR	The originating vessel name is not provided
ISR-L00-05-0068	FLAG	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / Registration Vessel_ Country / ID	Must be present.	WAR	The originating Vessel's Flag State is not provided.
ISR-L01-05-0072	FLAG	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / Registration Vessel_ Country / ID	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-05-0073	FLAG	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / Registration Vessel_ Country / ID	ID must be in schemeID="TERRITORY"	WAR	The originating Vessel's Flag State value is not valid.
ISR-L00-05-0069	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	at least one EXT_MARK, IRCS, UVI or CFR	WAR	At least one of the IRCS, External Markings, UVI or CFR must be provided
ISR-L01-05-0074	EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER, CFR	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"/"CFR"	Check attribute schemeID. Must be EXT_MARK, IRCS, UVI or CFR	WAR	Invalid schemeID provided
ISR-L02-05-0012	COMMUNITY FLEET REGISTER NUMBER	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity /	If EU-flagged vessel, CFR must be provided	WAR	EU-flagged vessel, but no CFR provided

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
		TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / ID / schemeID="CFR"			
ISR-L02-05-0013	COMMUNITY FLEET REGISTER NUMBER	IS_Report / FA_Catch / TypeCode="FISH_PROD_TRANSP_BFR_WEIGHING" +Sales_Batch / Specified. AAP_Product / Origin Fishing_Activity / TypeCode="FISHING_OPERATION" +Related. VesselTransportMeans / ID / schemeID="CFR"	Vessel_ Country must be in EU when CFR is given	WAR	CFR provided but Inspected vessel flag not in EU

8.9.8. Section 8 OBSERVATIONS AND COMMENTS

See section 8.4.6.

8.9.9. Section 9 SUSPECTED INFRINGEMENTS

See section 8.4.8.

8.9.10. Section 10 INSPECTION CLOSURE

BR-ID	Business term	Entity mapping	Business rules	Fail result	Message
ISR-L00-05-0070	ACTIONS TAKEN	IS_Report / ISRIItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +ValueIndicator	Must be present.	WAR	ACTIONS TAKEN not provided
ISR-L00-05-0071	ACTIONS TAKEN DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +Value (text)	Must be present if IS_Report / ISRIItemCharacteristic / TypeCode = "ACTIONS_TAKEN" +ValueIndicator / IndicatorString="Y"	WAR	ACTIONS TAKEN DETAILS not provided
ISR-L00-05-0072	INSPECTOR IN CHARGE SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode = "INSPECTOR_IN_CHARGE_SIGNATURE" +ValueIndicator	Must be present.	WAR	INSPECTOR IN CHARGE SIGNATURE not provided
ISR-L00-05-0073	DRIVER SIGNATURE	IS_Report / ISRIItemCharacteristic / TypeCode = "DRIVER_SIGNATURE" +ValueIndicator	Must be present.	WAR	DRIVER SIGNATURE not provided

8.10. Rules for Surveillance (Module 6)

All these business rules apply to any IS_Report where IS_Report / TypeCode= "SURVEILLANCE".

8.10.1. Section 1 GENERAL REFERENCE DATA

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-06-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Must be present	ERR	The report identification is not provided
ISR-L01-06-0001	INSPECTION REPORT REFERENCE	IS_Report / ID	Check attribute schemeID. Must be EU_ISR_ID	ERR	Invalid schemeID provided
ISR-L01-06-0002	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	value must follow schemeID="EU_ISR_ID" (see section 6.2.3)	ERR	The report identification is not a valid EU_ISR_ID
ISR-L03-06-0001	INSPECTION REPORT REFERENCE	IS_Report / ID; schemeID="EU_ISR_ID"	Must be unique if PurposeCode="9" (new submission)	WAR	The report identification is not unique
ISR-L00-06-0002	REPORT DATE	IS_Report / Reference.DateTime	Must be present	ERR	The Report Date is not provided
ISR-L01-06-0003	REPORT DATE	IS_Report / Reference.DateTime	IS_Report / Reference.DateTime value must be a UTC date time according to ISO 8601 format	ERR	The Report Date format is not valid.
ISR-L00-06-0004	REPORT CONTEXT	IS_Report / ContextTypeCode	Must be present	WAR	The report context is not provided
ISR-L01-06-0006	REPORT CONTEXT	IS_Report / ContextTypeCode	Check attribute listID. Must be ISR_REPORT_CONTEXT	WAR	Invalid listID provided
ISR-L01-06-0007	REPORT CONTEXT	IS_Report / ContextTypeCode	value must be in listID="ISR_REPORT_CONTEXT"	WAR	The inspection context is not valid
ISR-L00-06-0005	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"; IS_Report / ContactParty / ID	IS_Report / ContactParty / RoleCode="CONTROL_PARTY" must be present	ERR	The Control Party is not provided
ISR-L01-06-0008	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"; IS_Report / ContactParty / ID	Check attribute schemeID. Must be ISR_CONTROL_PARTY	ERR	Invalid schemeID provided
ISR-L01-06-0009	CONTROL PARTY	IS_Report / ContactParty / RoleCode="CONTROL_PARTY"; IS_Report / ContactParty / ID	value must be in schemeID="ISR_CONTROL_PARTY "	ERR	The Control Party value is not valid
ISR-L00-06-0006	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must be present	WAR	The Surveillance authority is not provided
ISR-L01-06-0080	CONTROL AUTHORITY	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name	IS_Report / ContactParty / RoleCode="CONTROL_AUTHORITY" +Name must not be empty	WAR	The Surveillance authority must not be empty
ISR-L00-06-0007	DATE/TIME OF SIGHTING	IS_Report / IS_Event / TypeCode="SIGHTING" +OccurrenceDateTime	IS_Report / IS_Event / TypeCode="SIGHTING" must be present	ERR	The DateTime of the sighting is not provided.
ISR-L01-06-0010	DATE/TIME OF SIGHTING	IS_Report / IS_Event / TypeCode="SIGHTING" +OccurrenceDateTime	IS_Report / IS_Event / OccurrenceDateTime value must be a UTC date time according to ISO 8601 format	ERR	The DateTime of the sighting format is not valid.

8.10.2. Section 2 INSPECTION MEANS

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-06-0008	SURVEILLANCE VESSEL	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL"	There must be one and only one of SURVEILLANCE VESSEL, SURVEILLANCE CRAFT, SURVEILLANCE FMC, SURVEILLANCE PORT, SURVEILLANCE FROM LAND LOCATION	WAR	There must be one and only SURVEILLANCE VESSEL, SURVEILLANCE CRAFT, SURVEILLANCE FMC, SURVEILLANCE PORT or SURVEILLANCE FROM LAND LOCATION
ISR-L00-06-0070	SURVEILLANCE CRAFT	IS_Report / Vehicle_Transport Means / RoleCode="SURVEILLANCE_CRAFT"	There must be one and only one of SURVEILLANCE VESSEL, SURVEILLANCE CRAFT, SURVEILLANCE FMC, SURVEILLANCE PORT, SURVEILLANCE FROM LAND LOCATION	WAR	There must be one and only SURVEILLANCE VESSEL, SURVEILLANCE CRAFT, SURVEILLANCE FMC, SURVEILLANCE PORT or SURVEILLANCE FROM LAND LOCATION
ISR-L00-06-0071	SURVEILLANCE FMC	IS_Report / ContactParty / RoleCode="FISHERIES_MONITORING_CENTRE"	There must be one and only one of SURVEILLANCE VESSEL, SURVEILLANCE CRAFT, SURVEILLANCE FMC, SURVEILLANCE PORT, SURVEILLANCE FROM LAND LOCATION	WAR	There must be one and only SURVEILLANCE VESSEL, SURVEILLANCE CRAFT, SURVEILLANCE FMC, SURVEILLANCE PORT or SURVEILLANCE FROM LAND LOCATION
ISR-L00-06-0072	SURVEILLANCE PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="PORT_OF_SURVEILLANCE" +FLUX_Location / TypeCode="LOCATION" +Identifier	There must be one and only one of SURVEILLANCE VESSEL, SURVEILLANCE CRAFT, SURVEILLANCE FMC, SURVEILLANCE PORT, SURVEILLANCE FROM LAND LOCATION	WAR	There must be one and only SURVEILLANCE VESSEL, SURVEILLANCE CRAFT, SURVEILLANCE FMC, SURVEILLANCE PORT or SURVEILLANCE FROM LAND LOCATION
ISR-L00-06-0073	SURVEILLANCE FROM LAND LOCATION	IS_Report / FLUX_Location / TypeCode="POSITION" +Name="SURVEILLANCE_FROM_LAND_LOCATION"	There must be one and only one of SURVEILLANCE VESSEL, SURVEILLANCE CRAFT, SURVEILLANCE FMC, SURVEILLANCE PORT, SURVEILLANCE FROM LAND LOCATION	WAR	There must be one and only SURVEILLANCE VESSEL, SURVEILLANCE CRAFT, SURVEILLANCE FMC, SURVEILLANCE PORT or SURVEILLANCE FROM LAND LOCATION
ISR-L00-06-0009	SURVEILLANCE VESSEL / FLAG	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Registration Vessel_Country	Must be present if SURVEILLANCE VESSEL is present	ERR	The Patrol Vessel's Flag State is not provided.
ISR-L01-06-0011	SURVEILLANCE VESSEL / FLAG	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Registration Vessel_Country	Check attribute schemeID. Must be TERRITORY	ERR	Invalid schemeID provided
ISR-L01-06-0012	SURVEILLANCE VESSEL / FLAG	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Registration Vessel_Country	ID must be in schemeID="TERRITORY"	ERR	The Patrol Vessel's Flag State value is not valid.
ISR-L00-06-0010	SURVEILLANCE VESSEL / NAME	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Name	Must be present if PATROL VESSEL is present	WAR	The patrol vessel name is not provided
ISR-L00-06-0011	SURVEILLANCE VESSEL / EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"	at least one EXT_MARK, IRCS, UVI if PATROL VESSEL is present	ERR	At least one of the IRCS, External Markings or UVI must be provided
ISR-L01-06-0013	SURVEILLANCE VESSEL / EXTERNAL REGISTRATION NUMBER, INTERNATIONAL RADIO CALL SIGN, UVI (IMO) NUMBER	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +ID / SchemeID="EXT_MARK"/"IRCS"/"UVI"	Check attribute schemeID. Must be EXT_MARK, IRCS or UVI	ERR	Invalid schemeID provided
ISR-L00-06-0012	SURVEILLANCE VESSEL / PATROL VESSEL POSITION EVENT	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position event	Must be present if SURVEILLANCE VESSEL is present	WAR	The position of the patrol vessel is not provided
ISR-L00-06-0013	SURVEILLANCE VESSEL / GEOGRAPHICAL COORDINATES	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel_Position_	Must be present if SURVEILLANCE VESSEL is present	WAR	Vessel geographical coordinates is not provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
		Event / Specified. Vessel_ Geographical Coordinate /			
ISR-L00-06-0051	SURVEILLANCE VESSEL / DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel Position_ Event / ObtainedOccurrenceDateTime	Must be present if SURVEILLANCE VESSEL is present	WAR	DateTime of patrol vessel position not provided
ISR-L01-06-0017	SURVEILLANCE VESSEL / DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel Position_ Event / ObtainedOccurrenceDateTime	must be a UTC date time according to ISO 8601 format	WAR	DateTime of patrol vessel position not in a valid format
ISR-L02-06-0012	SURVEILLANCE VESSEL / DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +Vessel Position_ Event / ObtainedOccurrenceDateTime	Must be the same as Sighting date/time	WAR	DateTime of patrol vessel position not the same as DateTime of Sighting
ISR-L00-06-0052	SURVEILLANCE VESSEL / LOCATION OF THE PATROL VESSEL	IS_Report / VesselTransportMeans / RoleCode="PATROL_VESSEL" +FLUX_ Location /TypeCode="AREA" /ID	Must be present if SURVEILLANCE VESSEL is present	WAR	Location of patrol vessel not provided
ISR-L00-06-0053	SURVEILLANCE CRAFT TYPE	IS_Report / Vehicle_ Transport Means / RoleCode="SURVEILLANCE_CRAFT" +TypeCode	Must be present if SURVEILLANCE CRAFT is present	WAR	SURVEILLANCE CRAFT TYPE not provided
ISR-L01-06-0021	SURVEILLANCE CRAFT TYPE	IS_Report / Vehicle_ Transport Means / RoleCode="SURVEILLANCE_CRAFT" +TypeCode	Check attribute listID. Must be ISR_SURVEILLANCE_CRAFT_TYPE	WAR	Invalid listID provided
ISR-L01-06-0022	SURVEILLANCE CRAFT TYPE	IS_Report / Vehicle_ Transport Means / RoleCode="SURVEILLANCE_CRAFT" +TypeCode	Value must be in listID="ISR_SURVEILLANCE_CRAFT_TYPE"	WAR	SURVEILLANCE CRAFT TYPE not valid
ISR-L00-06-0019	SURVEILLANCE CRAFT / COUNTRY OF REGISTRATION	IS_Report / Vehicle_ Transport Means / RoleCode="SURVEILLANCE_CRAFT" +Registration Country_ Identification	Must be present if SURVEILLANCE CRAFT is present	WAR	Country of registration not provided
ISR-L01-06-0023	SURVEILLANCE CRAFT / COUNTRY OF REGISTRATION	IS_Report / Vehicle_ Transport Means / RoleCode="SURVEILLANCE_CRAFT" +Registration Country_ Identification	Check attribute schemeID. Must be TERRITORY	WAR	Invalid listID provided
ISR-L01-06-0084	SURVEILLANCE CRAFT / COUNTRY OF REGISTRATION	IS_Report / Vehicle_ Transport Means / RoleCode="SURVEILLANCE_CRAFT" +Registration Country_ Identification	ID must be in schemeID="TERRITORY"	WAR	Country of registration not valid
ISR-L00-06-0023	SURVEILLANCE CRAFT / CRAFT IDENTIFICATION	IS_Report / Vehicle_ Transport Means / RoleCode="SURVEILLANCE_CRAFT" +ID	Must be present if SURVEILLANCE CRAFT is present	WAR	Surveillance craft identification not provided
ISR-L01-06-0025	SURVEILLANCE CRAFT / CRAFT IDENTIFICATION	IS_Report / Vehicle_ Transport Means / RoleCode="SURVEILLANCE_CRAFT" +ID	Check attribute schemeID. Must be in FLUX_VEHICLE_ID_TYPE	WAR	Invalid schemeID provided
ISR-L01-06-0085	SURVEILLANCE CRAFT / CRAFT IDENTIFICATION	IS_Report / Vehicle_ Transport Means / RoleCode="SURVEILLANCE_CRAFT" +ID	Must not be empty	WAR	Surveillance craft identification not valid
ISR-L00-06-0026	SURVEILLANCE CRAFT / POSITION OF SURVEILLANCE CRAFT	IS_Report / ISRIItemCharacteristic /TypeCode="POSITION_OF_SURVEILLANCE_CRAFT" +FLUX_ Location	Must be present if SURVEILLANCE CRAFT is present	WAR	No POSITION OF SURVEILLANCE CRAFT provided
ISR-L00-06-0022	SURVEILLANCE CRAFT / GEOGRAPHICAL COORDINATES	IS_Report / ISRIItemCharacteristic /TypeCode="POSITION_OF_SURVEILLANCE_CRAFT" +FLUX_ Location / TypeCode="POSITION" / Physical FLUX_ Geographical Coordinate /	Must be present if SURVEILLANCE CRAFT is present	WAR	Vessel geographical coordinates is not provided
ISR-L00-06-0025	SURVEILLANCE FMC / NAME	IS_Report / ContactParty / RoleCode="FISHERIES_MONITORING_CENTRE" +Name	Must be present if SURVEILLANCE FMC is present	WAR	FMC name not provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-06-0054	SURVEILLANCE FMC / ADDRESS	IS_Report / ContactParty / RoleCode="FISHERIES_MONITORING_CENTRE" +Structured_Address	Must be present if SURVEILLANCE FMC is present	WAR	FMC address not provided
ISR-L01-06-0031	SURVEILLANCE PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="PORT_OF_SURVEILLANCE" +FLUX_Location / TypeCode ="LOCATION" +Identifier	Check attribute schemeID. Must be LOCATION	WAR	Invalid schemeID provided
ISR-L01-06-0032	SURVEILLANCE PORT	IS_Report/ ISRIItemCharacteristic /TypeCode="PORT_OF_SURVEILLANCE" +FLUX_Location / TypeCode ="LOCATION" +Identifier	ID must be in schemeID="LOCATION", value must be a UN/LOCODE	WAR	ID of surveillance port not valid
ISR-L00-06-0027	SURVEILLANCE FROM LAND POSITION / GEOGRAPHICAL COORDINATES	IS_Report / FLUX_Location / TypeCode="POSITION" +Name="SURVEILLANCE_FROM_LAND_LOCATION" +Physical FLUX_Geographical Coordinate /	Must be present if SURVEILLANCE FROM LAND is present	WAR	SURVEILLANCE FROM LAND POSITION geographical coordinates is not provided
ISR-L00-06-0031	SIGHTING OR DETECTION MEANS	IS_Report / ISRIItemCharacteristic / TypeCode="SIGHTING_OR_DETECTION_MEANS" +ValueCode	Must be present	WAR	SIGHTING OR DETECTION MEANS not provided
ISR-L01-06-0034	SIGHTING OR DETECTION MEANS	IS_Report / ISRIItemCharacteristic / TypeCode="SIGHTING_OR_DETECTION_MEANS" +ValueCode	Check attribute listID. Must be listID="ISR_SIGHTING_DETECTION_MEAN"	WAR	Invalid listID provided
ISR-L01-06-0035	SIGHTING OR DETECTION MEANS	IS_Report / ISRIItemCharacteristic / TypeCode="SIGHTING_OR_DETECTION_MEANS" +ValueCode	ValueCode must be in listID="ISR_SIGHTING_DETECTION_MEAN"	WAR	SIGHTING OR DETECTION MEANS not valid
ISR-L00-06-0055	SIGHTING OR DETECTION MEANS DETAILS	IS_Report / ISRIItemCharacteristic / TypeCode="SIGHTING_OR_DETECTION_MEANS" +ValueCode="OTHER" +Value (text) as description	Must be present if SIGHTING_OR_DETECTION_MEANS ValueCode="OTHER"	WAR	SIGHTING OR DETECTION MEANS indicated as OTHER but no SIGHTING OR DETECTION MEANS DETAILS provided
ISR-L00-06-0032	REPORTING OFFICIAL	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL"	Must be present	WAR	REPORTING OFFICIAL not provided
ISR-L00-06-0037	NAME or ID	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_Person or IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +ID	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_Person or IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +ID must be present	WAR	REPORTING OFFICIAL name or ID not provided
ISR-L00-06-0056	NAME	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_Person /Given Name	If IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL"/ Contact_Person is present, Given Name Must be present	WAR	REPORTING OFFICIAL Given Name must be present
ISR-L01-06-0090	NAME	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_Person /Given Name	Given Name Must not be empty	WAR	REPORTING OFFICIAL Given Name must not be empty
ISR-L00-06-0057	NAME	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_Person /Family Name	If IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL"/ Contact_Person is present, Family name must be present	WAR	REPORTING OFFICIAL Family Name must be present
ISR-L01-06-0091	NAME	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +Contact_Person /Family Name	Family name must not be empty	WAR	REPORTING OFFICIAL Family Name must not be empty
ISR-L01-06-0100	ID	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +ID	If present, ID must not be empty.	WAR	REPORTING OFFICIAL ID must not be empty.

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-06-0101	ID	IS_Report / ContactParty / RoleCode ="REPORTING_OFFICIAL" +ID	Check attribute schemeName, must not be empty	WAR	The schemeName for REPORTING OFFICIAL ID cannot be empty.

8.10.3. Section 3 PRE-INSPECTION

None.

8.10.4. Section 4 SIGHTED VESSEL

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-06-0033	SIGHTED VESSEL	IS_report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL"	IS_report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" must be present	ERR	SIGHTED VESSEL not provided
ISR-L00-06-0034	GEOGRAPHICAL COORDINATES	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Vessel Position_ Event / Specified. Vessel_ Geographical Coordinate /	Must be present if INITIAL POSITION OF THE SIGHTED VESSEL is present	WAR	Vessel geographical coordinates is not provided
ISR-L00-06-0036	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Vessel Position_ Event / ObtainedOccurrenceDateTime	Must be present if INITIAL POSITION OF THE SIGHTED VESSEL is present	WAR	DateTime of sighted vessel position not provided
ISR-L01-06-0042	DATE/TIME OF THE POSITION	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Vessel Position_ Event / ObtainedOccurrenceDateTime	Must be an UTC date time according to ISO 8601 format)	WAR	DateTime of sighted vessel position not in a valid format
ISR-L01-06-0043	INITIAL LOCATION OF THE SIGHTED VESSEL IN PORT	IS_Report IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +FLUX_Location /TypeCode= "LOCATION" +Identifier +Name	Check attribute schemeID. Must be LOCATION	WAR	Invalid schemeID provided
ISR-L01-06-0092	INITIAL LOCATION OF THE SIGHTED VESSEL IN PORT	IS_Report IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +FLUX_Location /TypeCode= "LOCATION" +Identifier +Name	ID must be in schemeID="LOCATION", value must be a UN/LOCODE	WAR	ID of PORT_OF_SURVEILLANCE not valid
ISR-L00-06-0058	COURSE	IS_report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Vessel Position Event / CourseValueMeasure	Must be present	WAR	Sighted vessel course not provided
ISR-L01-06-0046	COURSE	IS_report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Vessel Position Event / CourseValueMeasure	Must be a number	WAR	Sighted vessel course not numerical
ISR-L01-06-0047	COURSE	IS_report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Vessel Position Event / CourseValueMeasure	Must be between 0 and 360	WAR	Sighted vessel course not valid
ISR-L00-06-0059	SPEED	IS_report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Vessel Position Event / SpeedValueMeasure	Must be present	WAR	Sighted vessel speed not provided
ISR-L01-06-0049	SPEED	IS_report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Vessel Position Event / SpeedValueMeasure	Must be a number	WAR	Sighted vessel speed not numerical

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-06-0050	SPEED	IS_report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Vessel Position Event / SpeedValueMeasure	Must be >=0	WAR	Sighted vessel speed <0
ISR-L01-06-0051	FLAG	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Registration Vessel_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-06-0052	FLAG	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +Registration Vessel_Country	ID must be in schemeID="TERRITORY"	WAR	The sighted Vessel's Flag State value is not valid.
ISR-L01-06-0053	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +TypeCode	Check attribute listID. Must be VESSEL_TYPE	WAR	Invalid listID provided
ISR-L01-06-0054	VESSEL TYPE	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +TypeCode	TypeCode must be in listID="VESSEL_TYPE"	WAR	The sighted vessel type is not valid
ISR-L01-06-0055	PORT OF REGISTRY	VesselTransportMeans / Specified. Registration_Event/ Related. Registration_Location/ TypeCode ="LOCATION" +ID	Check attribute schemeID. Must be LOCATION	WAR	Invalid schemeID provided
ISR-L01-06-0056	PORT OF REGISTRY	VesselTransportMeans / Specified. Registration_Event/Related. Registration_Location/ TypeCode ="LOCATION" +ID	ID must be in schemeID="LOCATION", value must be a UN/LOCODE	WAR	Port of registry not valid
ISR-L02-06-0013	COMMUNITY FLEET REGISTER NUMBER	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ID / schemeID="CFR"	If EU-flagged vessel, CFR must be provided	WAR	EU-flagged vessel, but no CFR provided
ISR-L02-06-0014	COMMUNITY FLEET REGISTER NUMBER	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ID / schemeID="CFR"	Vessel_Country must be in EU when CFR is given	WAR	CFR provided but Inspected vessel flag not in EU
ISR-L01-06-0057	GEAR TYPE	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +OnBoardFishingGear / TypeCode	Check attribute listID. Must be GEAR_TYPE	WAR	Invalid listID provided
ISR-L01-06-0058	GEAR TYPE	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +OnBoardFishingGear / TypeCode	TypeCode must be in listID="GEAR_TYPE"	WAR	Gear Type not valid
ISR-L01-06-0059	NUMBER OF MASTS	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic / TypeCode ="NUMBER_OF_MASTS" +Value. Quantity +Value (text)	Must be a number	WAR	NUMBER OF MASTS not a number
ISR-L01-06-0060	POSITION OF THE BRIDGE	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic / TypeCode ="POSITION_OF_BRIDGE" +Value. Code +Value (text)	Check attribute listID of ValueCode. Must be ISR_POSITION_OF_BRIDGE	WAR	Invalid listID provided
ISR-L01-06-0061	POSITION OF THE BRIDGE	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic / TypeCode ="POSITION_OF_BRIDGE" +Value. Code +Value (text)	ValueCode must be in listID="ISR_POSITION_OF_BRIDGE"	WAR	POSITION OF THE BRIDGE not valid

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L01-06-0062	FUNNEL LENGTH	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic / TypeCode="FUNNEL_LENGTH" +ValueMeasure +Value (text)	Must be a number	WAR	FUNNEL LENGTH not a number
ISR-L01-06-0102	TECHNICAL CHARACTERISTIC	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ApplicableTechnicalCharacteristic/TypeCode	Check attribute listID of TypeCode. Must be ISR_VESSEL_TECH_CHARACT	WAR	Invalid listID provided
ISR-L00-06-0040	COMMUNICATION MEANS	IS_Report / ISRIItemCharacteristic / TypeCode="COMMUNICATION_MEANS" +Value. Code and Value (text) when "Other"	if CONTACT_WITH_THE_VESSEL is Yes, must be present	WAR	Contact with vessel but COMMUNICATION MEANS not provided
ISR-L01-06-0063	COMMUNICATION MEANS	IS_Report / ISRIItemCharacteristic / TypeCode="COMMUNICATION_MEANS" +Value. Code and Value (text) when "Other"	Check attribute listID. Must be COMM_EQUIP_TYPE	WAR	Invalid listID provided
ISR-L01-06-0064	COMMUNICATION MEANS	IS_Report / ISRIItemCharacteristic / TypeCode="COMMUNICATION_MEANS" +Value. Code and Value (text) when "Other"	ValueCode must be in listID="COMM_EQUIP_TYPE"	WAR	COMMUNICATION MEANS TypeCode not valid
ISR-L00-06-0041	DETAILS OF COMMUNICATION	IS_Report / ISRIItemCharacteristic / TypeCode="COMMUNICATION_DETAILS" +Value (text)	if CONTACT_WITH_THE_VESSEL is Yes, must be present	WAR	Contact with vessel but details of communication not provided
ISR-L00-06-0042	CONTACTED PERSON	IS_Report / VesselTransportMeans RoleCode="SIGHTED_VESSEL" / ContactParty / RoleCode="CONTACTED_PERSON"	if CONTACT_WITH_THE_VESSEL is Yes, must be present	WAR	Contact with vessel but contacted person not provided
ISR-L00-06-0043	NAME	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person /	If CONTACTED_PERSON is present; IS_Report / ContactParty / Contact_Person must be present	WAR	Sighted vessel contacted person contact not provided
ISR-L00-06-0060	NAME	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person /Given Name	Given Name Must be present	WAR	Contacted person Given Name must be present
ISR-L01-06-0093	NAME	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person /Given Name	Given Name Must not be empty	WAR	Contacted person Given Name must not be empty
ISR-L00-06-0061	NAME	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person /Family Name	Family name must be present	WAR	Contacted person Family Name must be present
ISR-L01-06-0094	NAME	IS_Report / VesselTransportMeans / RoleCode="SIGHTED_VESSEL" +ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person /Family Name	Family name must not be empty	WAR	Contacted person Family Name must not be empty
ISR-L00-06-0044	NATIONALITY	IS_Report / VesselTransportMeans RoleCode="SIGHTED_VESSEL" / ContactParty /	if CONTACTED_PERSON, IS_Report / ContactParty / Contact_Person / Nationality_Country must be present	WAR	CONTACTED_PERSON nationality not provided

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
		RoleCode="CONTACTED_PERSON" +Contact_Person / Nationality_Country			
ISR-L01-06-0065	NATIONALITY	IS_Report / VesselTransportMeans RoleCode="SIGHTED_VESSEL" / ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person / Nationality_Country	Check attribute schemeID. Must be TERRITORY	WAR	Invalid schemeID provided
ISR-L01-06-0066	NATIONALITY	IS_Report / VesselTransportMeans RoleCode="SIGHTED_VESSEL" / ContactParty / RoleCode="CONTACTED_PERSON" +Contact_Person / Nationality_Country	ID must be in schemeID="TERRITORY"	WAR	Sighted vessel contacted person nationality not valid
ISR-L01-06-0067	RECORDS	IS_Report / ISRIItemCharacteristic / TypeCode="TYPE_OF_RECORD" +ValueCode +Value (text)	Check attribute listID. Must be ISR_RECORD_TYPE	WAR	Invalid schemeID provided
ISR-L01-06-0068	RECORDS	IS_Report / ISRIItemCharacteristic / TypeCode="TYPE_OF_RECORD" +ValueCode +Value (text)	ValueCode must be in listID="ISR_RECORD_TYPE"	WAR	TYPE OF RECORD not valid
ISR-L01-06-0069	RECORDS	IS_Report / ISRIItemCharacteristic / TypeCode="TYPE_OF_RECORD" +ValueCode +Value (text)	If ValueCode=OTHER, Value (text) must not be empty	WAR	Record type is OTHER but no details given

8.10.5. Section 5 DOCUMENTS & AUTHORISATIONS

None.

8.10.6. Section 6 GEAR

None.

8.10.7. Section 7 CATCH / PRODUCT

None.

8.10.8. Section 8 OBSERVATIONS AND COMMENTS

See section 8.4.6.

8.10.9. Section 9 SUSPECTED INFRINGEMENTS

See section 8.4.8.

8.10.10. Section 10 INSPECTION CLOSURE

BR-ID	Business term	Entity mapping	Business rule	Fail result	Message
ISR-L00-06-0045	REPORTING OFFICIAL SIGNATURE	IS_Report / ISRItemCharacteristic / TypeCode="REPORTING_OFFICIAL_SIGNATURE" +ValueIndicator	Must be present.	WAR	REPORTING OFFICIAL SIGNATURE not provided

9. XML EXAMPLES

XML examples for the 3 types of ISR messages (Report, Query and Response) are provided on EFCA's FishNet e-ISR workspace. Examples include correct messages and messages with issues that shall be detected by the ISR message validation process. These messages can be used to verify the correct implementation of the business rules for the different ISR modules.

10. CODE LISTS

All code lists are published on the Master Data Register page of the European Commission Fisheries website.

The values mentioned in the tables throughout this document for the listID or schemeID attributes refer to a code list alias in the table below. This table indicates the code list name in the MDR along with a description/definition. The alias can be used to retrieve the code values using the FLUX Master Data Management specifications.

10.1. Code lists used for the FLUX ISR processes

Note: for details on the content of the below code lists, refer to the EU Master Data Register.

Code list	Description
BOOLEAN_TYPE	Boolean type values
COMM_EQUIP_TYPE	Equipment types used for communications with, for example, a vessel
EFFORT_ZONE	Locations where effort regime applies
FA_DEVICE_GEAR_ATTACHMENT	Types of fishing gear equipment/attachment
FA_GEAR_CHARACTERISTIC	Characteristics of a fishing gear to be checked/inspected
FA_REASON_ARRIVAL	Purpose of prior notification by a vessel of its intent to call in a given port
FAO_AREA	List of FAO areas
FAO_SPECIES	List of codes for aquatic species as defined by FAO (3-alpha)
FISH_PRESENTATION	The fish presentation in FAO-3 alpha code (e.g.: whole, gutted...)
FISH_PRESERVATION	The fish preservation form in FAO-3 alpha code (e.g.: fresh, frozen...)
FISH_SIZE_CLASS	The code for under/over size: LSC (legal), BMS (undersize)
FLUX_CONTACT_ROLE	The role of a contact party (e.g.: inspection state, vessel owner...)
FLUX_FA_TYPE	The type of fishing activity (transshipment only in ISR)
FLUX_GP_MSG_ID	The list of possible schemeIDs for a FLUX message ID
ISR_GP_PARTY	The list of Parties involved in FLUX ISR
FLUX_GP_PURPOSE	The purpose of this FLUX message. Values: 3 (Delete); 5 (Replace); 9 (Original)
FLUX_GP_RESPONSE	Used in FLUX Response_Document Entity / Response. Status code: OK, NOK, WOK (OK with warnings only)
FLUX_GP_VALIDATION_LEVEL	Used in FLUX Response_Document / Validation_Quality Analysis Entity. Values: ERR (Error); IGN (Ignored); MAJ (Major Error); OK (Accepted); REJ (Rejected); WAR (Warning)
FLUX_GP_VALIDATION_TYPE	Used in FLUX Response_Document / Validation_Quality Analysis Entity. Values: L00 (Integrity Control); L01 (Data field validation); L02 (Row validation); L03 (Content validation); L04 (Extended validation); L05 (Impact assessment)
FLUX_LOCATION_TYPE	The type of location: address, position, location or area
FLUX_UNIT	The unit of a measure
FLUX_VEHICLE_ID_TYPE	Type of vehicle identification
FLUX_VESSEL_ID_TYPE	The type of vessel identification
GEAR_TYPE	The type of the gear in FAO 3-alpha codes
GFCM_GSA	Fishing areas used by GFCM
GFCM_INFRINGEMENT_TYPE	GFCM Classification of infringement types.
ICCAT_INFRINGEMENT_TYPE	ICCAT Classification of serious infringement types.
ISR_AREA_TYPE	The type of area classification (e.g.: FAO_AREA, STAT_RECTANGLE, TERRITORY).
ISR_BR	A list of all business rules with the corresponding resulting Validation Type code
ISR_BR_DEF	A list of all business rules with their definitions: code, level, sublevel, Applicable. field, Description, message
ISR_CATCH_TYPE	The type of catch/product (e.g.: onboard, discarded, recorded in logbook...)
ISR_CHECK	Whether a particular characteristic has been checked, not checked or is not applicable
ISR_CONTROL_PARTY	The list of Control Parties involved in the Inspection and Surveillance process
ISR_EVENT_TYPE	The type of inspection event (e.g.: presence on board)

Code list	Description
ISR_GEAR_GEAR_CHARACTER	A matrix indicating which gear characteristics can/should be checked for each type of gear
ISR_INFRINGEMENT_CLASSIF	The infringement classification used
ISR_INSPECTION_PROGRAMME	The list of inspection programmes
ISR_ITEM_CHARACTERISTIC	Particular characteristics that are inspected/checked during an inspection
ISR_MANAGEMENT_REGIME	A list of management regimes, such as: RFMO, National...
ISR_MESH_TYPE	The type of mesh of a net
ISR_OBSERV_COMMENTS_TYPE	The type of observation or comment.
ISR_POSITION_OF_BRIDGE	The position of the bridge on a boat
ISR_QUERY_CONTEXT	List of values for the QUERY_CONTEXT query parameter (values: COM, PRE, JDP)
ISR_QUERY_PARAM	The possible parameters for a query
ISR_QUERY_TYPE	The type of ISR query
ISR_QUERY_TYPE_PARAM	A matrix indicating which query parameters can or shall be used for each combination of Query Type and Query Context.
ISR_RECORD_TYPE	The type of records mode during a vessel sighting (photographs, video...)
ISR_REPORT_CONTEXT	A code specifying a context type for this IS report, such as a National, JDP or RFMO inspection
ISR_REPORT_TYPE	The type of IS report (e.g.: at sea)
ISR_SIGHTING_DETECTION_MEAN	The means of sighting or detection used to identify a vessel during a surveillance operation (e.g.: radar, visual)
ISR_SURVEILLANCE_CRAFT_TYPE	The type of surveillance aircraft used during an aerial surveillance operation
ISR_TWINE_TYPE	The type of twine used in a net
ISR_VEHICLE_ROLE	The role of a vehicle (inspected vehicle for M5, surveillance craft for M6)
ISR_VESSEL_POSIT_EVENT_TYPE	The type of vessel position event (e.g.: surveillance vessel position)
ISR_VESSEL_ROLE	The role of a vessel (e.g.: patrol vessel, originating fishing vessel)
ISR_VESSEL_TECH_CHARACTER	A list of technical vessel characteristics to be recorded during a sighting
LOCATION	The UN/LOCODE code of ports (Values should be taken from the "code" column of the LOCATION list (which includes correspondence with UN/LOCODE), filtered on FUNCTION=1 (meaning it is a port): http://www.unece.org/cefact/codesfortrade/codes_index.html)
MANAGEMENT_AREA	locations taking place in areas e.g. managed by RFMOs
NAFO_INFRINGEMENT_TYPE	NAFO Classification of serious infringement types.
NEAFC_INFRINGEMENT_TYPE	NEAFC Classification of serious infringement types.
RFMO	A list of RFMOs
STAT_RECTANGLE	Statistical rectangles used for fisheries statistics
TERRITORY	ISO3 country codes
VEHICLE_TYPE	The type of inspected vehicle
VESSEL_ACTIVITY	The activity the inspected vessel was engaged in before the inspection started or when first sighted
VESSEL_TYPE	The type of vessel (such as stern trawler, longliner, support...) using the FAO International Standard Statistical Classification of Fishery Vessels (ISSCFV)
XEU_INFRINGEMENT_GROUP	XEU Classification of infringement types high level groups.
XEU_INFRINGEMENT_TYPE	XEU Classification of infringement types.

11. FLUX TL ENVELOPE PARAMETERS

The following FLUX TL parameters must be used.

Common name	FLUX TL Envelope Tag name	Value	Remark
Dataflow name	DF	urn:un:unece:uncefact:fisheries:FLUX:ISR:EU:1	According to format: urn:un:unece:uncefact:fisheries:FLUX:[domain]:[context]:[major version]
Timeout DateTime	TODT	Current DateTime (in UTC) +20 minutes	Value expressed as XSD DateTime in UTC
Acknowledge of Receipt	AR	True	This parameter indicates that FLUX TL will always return an acknowledgement of receipt when the message has been received by the FLUX TL destination node.

Common name	FLUX TL Envelope Tag name	Value	Remark
			<u>Note:</u> a non-delivery message is always sent when the receiver cannot be reached, or timeout (TODT) time has been expired.

12. VERSIONING

Version	Author	Date
1.0.0	EIR Working Group	29/04/2019
1.1.0	EFCA - Includes final changes to XSD by UN/CEFACT group.	13/12/2019
1.1.1	EFCA - minor update to reflect proper cardinality of element REPORT CONTEXT (to match business rules)	21/01/2020
1.2	<p>EFCA - Updates to reflect extensive Implementation Document, Business Rules and Code List reviews by e-ISRWG and various corrections.</p> <p>EFCA - Update to reflect technical constraints of EU MDR on code value length in code lists (max 30 characters), as well as the fact that the ISR_INFRINGEMENT_CONTEXT code list is not used anymore. Other minor editorial updates.</p> <p>Version 1.2 is the official version published for implementation (it merges internal versions 1.1.2 and 1.1.3).</p>	04/06/2021
1.3	<p>Updates relevant to the following topics:</p> <ul style="list-style-type: none"> • Vessel identifier used in queries • Clarification to correction/deletion process in Implementation Document • Some ISR code lists have now been replaced by updated existing FLUX code lists. Document updated to reflect the name changes. • Allowing the use of Inspector Identification • Update to the Gear-Gear characteristic matrix • Reporting of Infringements with no infringement type • Various editorial updates to Implementation Document, Business rules and code lists. 	12/01/2022
1.3.1	The Business Term and Entity mapping for BR ISR-L00-06-0008 have been updated: target entity was reduced to 1 single entity (previously 5) to align with Entity description.	15/03/2022
1.4.0	<ul style="list-style-type: none"> • Schema version updated to 22A. 	31/08/2022

Version	Author	Date
	<ul style="list-style-type: none"> • Editorial changes (clarifications, revision of terminology, corrections of errors etc.). • Correction regarding the exchange of IS reports between MS and EFCA in the context of JDPs: reference to the JDP decision. • Updates or corrections some business terms/entities (properties, cardinality, mapping, definition...). • Removal of redundant business rules. • Updates or corrections to some business rules, their messages and results. • Updates to code lists, to correct errors, add missing codes or switch to using an already existing MDR code list. • Removal of Appendix 1: Legal references. 	
1.5.0	<ul style="list-style-type: none"> • Editorial changes • Resolution of issue Related. to catch received and transhipped in M2. • Alignment of BR Related. to logbook checks between M1 and M3 • Errors in some Business Rules • Change Related. to Query parameters (table 1, table 2, business rules) • Changes in business rules regarding IS report identification. • Use of a code list for Inspection Programme • Use of a specific code list for Control Party • Possible reporting of company for vessel owner, agent or charterer. • Change Related. to M3 producer organisation reference. • Clarification regarding the date of validity of business rules and codes • Conditions for query context JDP and Pre-Inspection • The query time frame start date might be limited to the date of entry in production of the module corresponding to the query. • New code list for GFCM Infringement categories • Clarification regarding IS report deletion and correction process. • New code regarding Ullages tables 	

Version	Author	Date
	<ul style="list-style-type: none"> • Reorganisation of the presentation of Common business rules • Update section 6.2.2 to withdraw the use of Description for the description of BR failure 	
1.6.0	<p><u>Clarifications</u> Several sections of the Implementation document were clarified (no impact on IT implementation)</p> <p><u>Spelling mistakes</u> Several corrections were made in the Implementation document (no impact on IT implementation)</p> <p><u>Errors/change in rule definition</u></p> <ul style="list-style-type: none"> - ISR-L00-01-0096 - ISR-L00-03-0080 - ISR-L01-03-0124 - ISR-L01-03-0125 - ISR-L01-00-0033 - ISR-L01-00-0034 - ISR-L01-00-0012 - ISR-L01-00-0013 <p><u>Change rule level</u></p> <ul style="list-style-type: none"> - Level of rule ISR-L03-00-0006 changed to Error - Level of rule ISR-L03-00-0011 changed to Warning - Level of rule ISR-L03-03-0001 changed to Warning - Level of rule ISR-L01-03-0002 changed to Error - Level of rule ISR-L00-01-0030 changed to Warning - Level of rule ISR-L00-06-0010 changed to Warning - Level of rule ISR-L03-00-0004 changed to Error <p><u>New rules</u></p> <ul style="list-style-type: none"> - ISR-L00-00-0056 - ISR-L01-00-0131 - ISR-L01-00-0132 - ISR-L01-00-0133 - ISR-L01-00-0134 - ISR-L01-00-0135 - ISR-L01-00-0136 - ISR-L01-00-0137 - ISR-L01-00-0138 - ISR-L01-00-0139 - ISR-L01-00-0140 - ISR-L01-00-0141 - ISR-L00-01-0128 	08/11/2023

Version	Author	Date
	<ul style="list-style-type: none"> - ISR-L01-01-0105 - ISR-L01-01-0106 - ISR-L00-02-0126 - ISR-L00-03-0134 - ISR-L03-00-0142 <p>Removed rules:</p> <ul style="list-style-type: none"> - ISR-L01-00-0067 - ISR-L02-00-0004 - ISR-L01-01-0048 - ISR-L00-01-0088 - ISR-L00-02-0078 - ISR-L00-02-0086 - ISR-L00-02-0094 - ISR-L01-03-0034 - ISR-L00-03-0087 - ISR-L00-03-0095 - ISR-L00-03-0103 - ISR-L00-04-0044 - ISR-L00-05-0049 - ISR-L00-05-0061 <p>Code lists updated:</p> <ul style="list-style-type: none"> - ISR_ITEM_CHARACTERISTIC - FA_GEAR_CHARACTERISTIC - ISR_GEAR_GEAR_CHARACT - ISR_QUERY_TYPE_PARAM - MDR_ISR_GP_PARTY - MDR_XEU_INFRINGEMENT_TYPE - MDR_ISR_BR - MDR_ISR_BR_DEF 	

13. CONTACT

For questions and issues Related. to the FLUX-TL transport layer, contact DG-MARE at:

- fishfides@ec.europa.eu

For questions and issues Related. to the ISR domain, regarding data, code lists, business rules etc., contact EFCA at:

- efca@efca.europa.eu

14. APPENDICES

14.1. Validation of the IMO (UVI) number format

The IMO Number, exchanged as UVI, is an automatically assigned number that incorporates a calculated check digit.

The IMO number consists of a unique six-digit number in the range 100001 - 999999, to which is appended a seventh (calculated) check digit.

The calculation of the check digit is as follows:

- Digits 1-6 are successively (individually) multiplied by 7,6,5,4,3 and 2.
- The products of these six calculations are then totalled, and the RIGHTMOST digit of this total is the check digit.

Example:

IMO	IMO No digits	Multiply by	Product	Check digit =	Complete IMO No. =
222222	2	7	14	4	222224
	2	6	12		
	2	5	10		
	2	4	8		
	2	3	6		
	2	2	4		
		SUM	54		
		Check digit =Rightmost	4		