

The Eurovision Service will provide a helpdesk for broadcast partners before and during all UNL satellite transmissions. Any incident should be reported immediately via telephone to the Eurovision Helpdesk Control Centre in Geneva.

Eurovision Service Helpdesk +41 22 717 27 77

Broadcast partners are responsible for their own downlink arrangements for multilateral satellite transmissions.

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## 8.2 SATELLITE DISTRIBUTION – EX-EUROPE

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UEFA has appointed the European Broadcasting Union (Eurovision Service) to assist with administrative and technical coordination of signal transmissions for all UNL matches and selected additional content to territories outside Europe.

- on UNL matchnights, a maximum of nine simultaneous matches will be offered for each kick-off time using high bit rate transmissions

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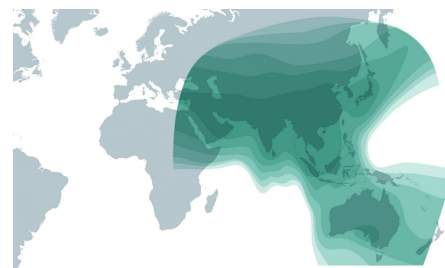
### 8.2.1 EX-EUROPE TRANSMISSIONS

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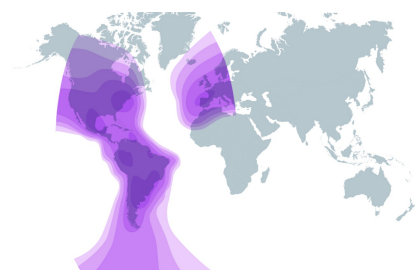
In principle, all transmissions will be made available on Asiasat 5 at 100.5°E for Asia, Oceania and the Middle East and IS 34 or SES 14 at 304.5°E for the Americas.

Ex-Europe satellite transmissions will be HD 1080i/50 for Asia, Oceania and the Middle East and frame rate converted to HD 1080i/60 for the Americas.

Transmissions will be MPEG4 HD 4:2:0 at a bitrate of 21 Mbit/s using NS4 16APSK modulation to maintain the best possible signal quality.



AsiaSat 5 @ 100.5° East



IS 34@ 304.5° East

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### 8.2.2 INTEGRATED RECEIVER/DECODERS AND ENCRYPTION FOR EX-EUROPE

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All Eurovision Service matchday transmissions will be encrypted using BISS-E (basic interoperable scrambling system open standard encryption format in mode E (enhanced)). The encryption key (a 16-hexadecimal-character string) is distributed by Eurovision Network Planning by email or synopsis prior to the matchday to allow authorised IRDs to access the signal. Only receivers electronically identified as able to access the Eurovision Service, Eurovision network will accept the key.

Broadcast partners will be required to obtain sufficient decoders and NS4 demodulators from the Eurovision Service in order to receive these HD encrypted transmissions, or to use their own compatible receiving equipment (which would need to be registered in the Eurovision Service's database).