

## INFORMATION CONCERNING EUTELSAT'S EARTH STATION APPROVAL PROCEDURES

### 1. Formal procedures for Earth Station Approval exist to:

- Maintain the integrity of Eutelsat Space System
- Minimise the risk of interference to other users and satellite operators
- Ensure the relevant standards of Earth Station performance are met

### 2. The process of Earth Station Approval establishes:

- The rights of the applicant requesting approval
- The identity of the Earth Station operator (*including operational contact and escalation points*)
- The technical performance with respect to the Eutelsat Earth Station Standards (EESS)
- The type of planned service

### 3. The Eutelsat Specified Mandatory Characteristics for Earth Stations cover:

- Antenna performance
  - Off axis radiation
  - Polarisation discrimination
- Acceptable noise interference levels
- Transmission parameters
  - Operating frequencies
  - Power & frequency stability
  - Carrier bandwidth

### 4. Earth Stations are required to meet the Eutelsat standards:

- Earth Station Minimum Technical and Operational Requirements (*Standard M, EEES 502*)

For more information on the Eutelsat Earth Station Standards, please contact:  
[esapproval@eutelsat.fr](mailto:esapproval@eutelsat.fr).

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**Refer to ESOG for further details. Full details concerning Earth Station Approval procedures can be found in ESOG Vol I Module 110 and on the Eutelsat Web: [http://www.eutelsat.com/satellites/4\\_5\\_2\\_1.html](http://www.eutelsat.com/satellites/4_5_2_1.html)**