

## ANNEX C

### PARAMETERS THAT NEED TO BE SUBMITTED BY ESV NETWORK OPERATORS

With this notification, ViaSat Inc. declares that its ESV systems comply with the requirements of the Decision including any restrictions notified to the Office by CEPT administrations under *Decides 5 and 6* of the Decision.

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Network Control Facility (NCF) designated point of contact	ViaSat Inc. ("ViaSat") 6155 El Camino Real, Carlsbad, California 92009-1699
NCF Contact name	7/24 Technician on duty
NCF Contact telephone number	+1 888-272-7232
NCF Contact e-mail address	Noc-carlsbad@viasat.com

**Table C1: Network operator details**

### 1. Technical Specification(s) of ESV type(s) used in the network

#### ESV Antenna

Antenna type	Offset fed parabolic antenna
Antenna size	1.1m
Transmit frequency bands	14.0 – 14.25 GHz
Transmit peak gain	41.7 dBi at 14.25 GHz
Max e.i.r.p. per carrier	46.47 dBW
Min. operating elevation	15 degrees
Pointing accuracy	+/-0.2 degrees

#### Waveform definition

Number(s) of carriers per ESV	1
Maximum occupied bandwidth(s) per carrier	36 MHz
Modulation	Direct Sequence Spread Spectrum
Multiple access scheme	CRMA (Code Reuse Multiple Access)

### 2. Operating details of each satellite

ITU Filing satellite name:	VIDEOSAT-6
Satellite operator name:	Eutelsat
GEO longitude:	8° W.L.
Satellite service area (text description and/or a figure of the area)	

Europe, and portions of the Middle East, and Africa.

Forward Channel details (Satellite to ESV)

Transponder downlink centre frequency: 12690 MHz

Transponder downlink bandwidth: 36 MHz

Return Channel details (ESV to satellite)

Transponder uplink centre frequency: 14190 MHz

Transponder uplink bandwidth: 36 MHz

**VIDEOSAT 6 Transmit Pattern (Atlantic Bird 2)**

