

6 May 2015

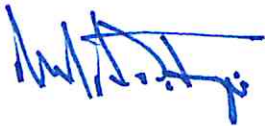
Mr Thomas Weber  
European Communications Office  
Peblingehus, Nansensgade 19  
DK-1366 Copenhagen  
Denmark

Dear Mr. Weber,

Panasonic Avionics Corporation hereby submits to the ECO this amendment notification of the network submitted under the ECC Decision (05)11 on the free circulation and use of Aircraft Earth Stations (AES) in the frequency bands 14-14.5GHz (Earth-to-space), 10.7-11.7GHz (Space-to-earth) and 12.5-12.75GHz (Space-to-earth).

The parameters of the network operated by Panasonic Avionics Corporation for its Dual reflector cassegrain antenna with an elliptical aperture (previously called MELCO antenna) are attached to this letter.

Thanks and best regards,



Mark DeFazio  
Manager, GCS Regulatory and Business Operations  
Panasonic Avionics Corporation

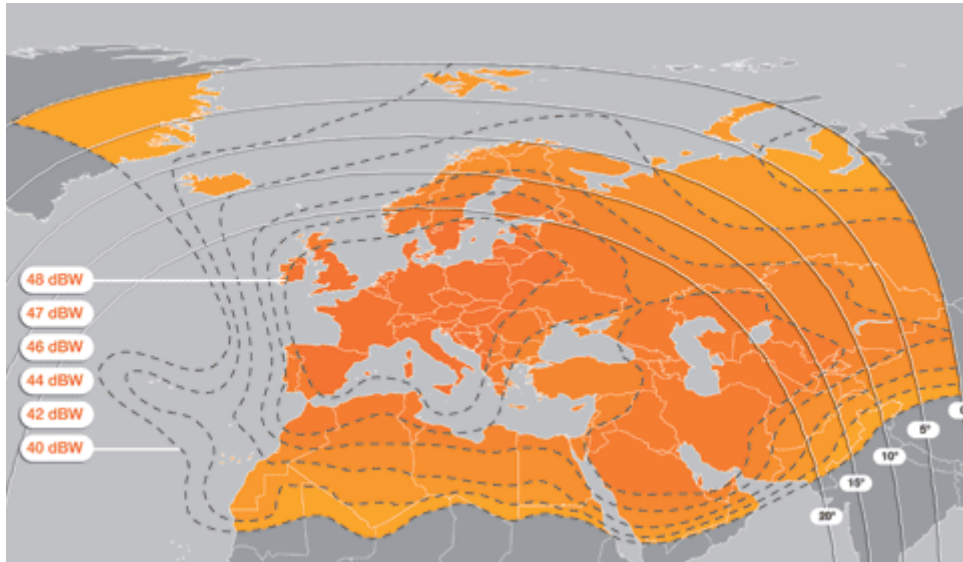


- **Operating details of each satellite**

**Eutelsat W2A**

ITU BR Filing Information

ITU BR filing satellite network name **Eutelsat 2-10E (Tx); Eutelsat3-10E (Rx)**  
 ITU BR circular reference number and date of publication **IFIC 2553 (AES Tx), IFIC 2616 (AES Rx)**  
 Satellite operator(s) (commercial) name **Eutelsat W2A**  
 GSO longitude (East or West from Greenwich) **10E**  
 Satellite service area (text description and/or a figure of the area) **R1 (AES Tx), BSR (AES Rx) (see below)**



Forward Channel details (Satellite to AES)

Transponder(s) downlink centre frequency **11471.41 MHz**  
 Transponder(s) downlink bandwidths **36 MHz**

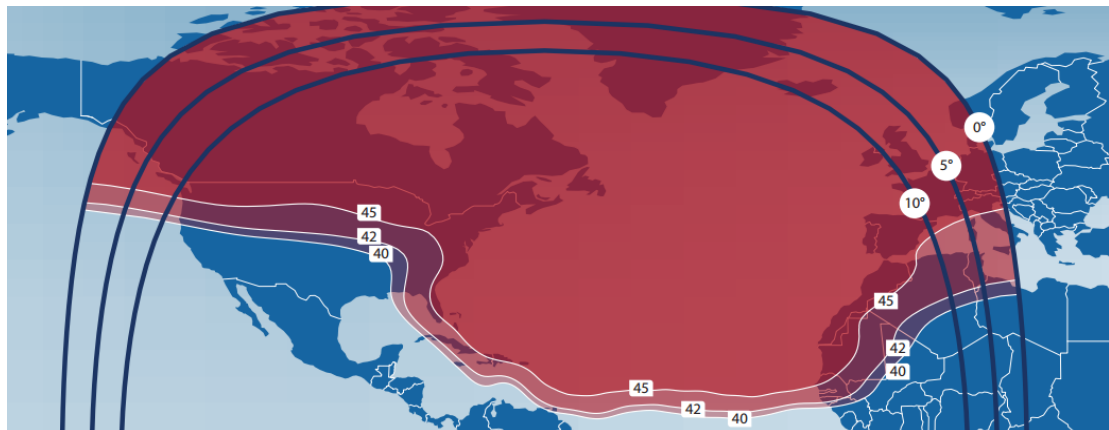
Return Channel details (AES to satellite)

Transponder(s) uplink centre frequency **14041.67 MHz**  
 Transponder(s) uplink bandwidth **72 MHz**

**Telstar T14R**

ITU BR Filing Information

ITU BR filing satellite network name **B-SAT I**  
 ITU BR circular reference number and date of publication **IFIC 2618**  
 Satellite operator(s) (commercial) name **Telstar T14R**  
 GSO longitude (East or West from Greenwich) **63W**  
 Satellite service area (text description and/or a figure of the area) **North Atlantic Ocean Region**



Forward Channel details (Satellite to AES)

Transponder(s) downlink centre frequency **11634 MHz**  
Transponder(s) downlink bandwidths **36 MHz**

Return Channel details (AES to satellite)

Transponder(s) uplink centre frequency **14104 MHz**  
Transponder(s) uplink bandwidth **36 MHz**

**Telesat T11N**

ITU BR Filing Information

ITU BR filing satellite network name **USASAT-26A**  
ITU BR circular reference number and date of publication **IFIC 2699**  
Satellite operator(s) (commercial) name **Telesat T11N**  
GSO longitude (East or West from Greenwich) **37.5W**  
Satellite service area (text description and/or a figure of the area) **Atlantic Ocean**



Forward Channel details (Satellite to AES)

Transponder(s) downlink centre frequency **11587.5 MHz**  
Transponder(s) downlink bandwidths **27 MHz**

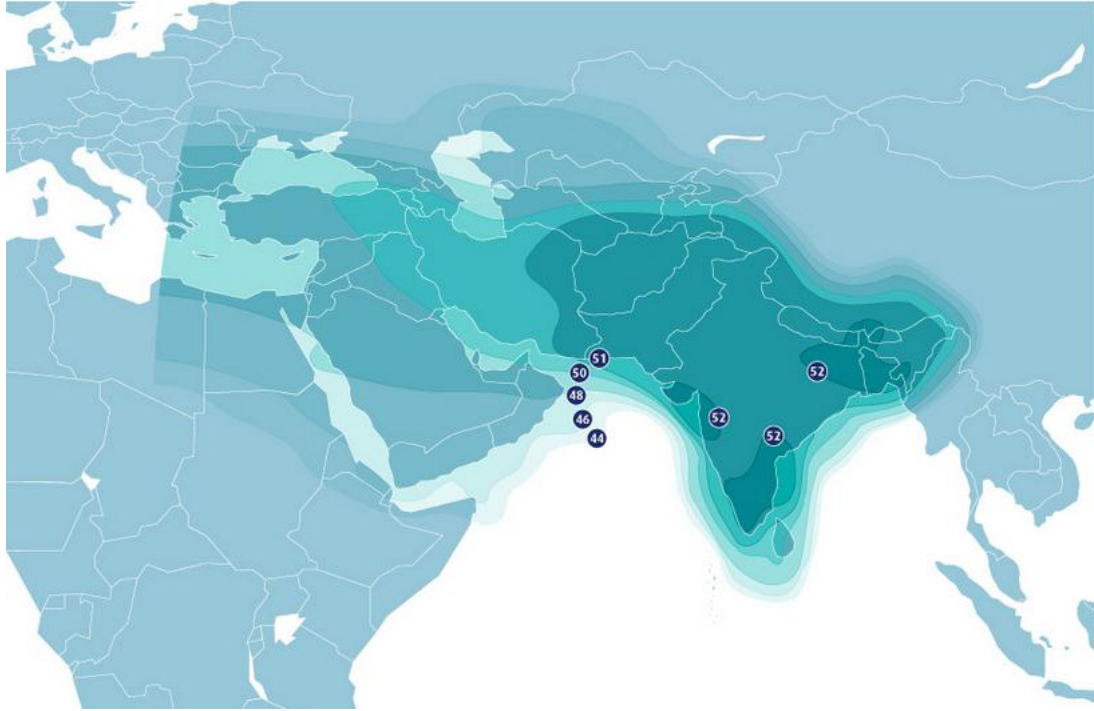
Return Channel details (AES to satellite)

Transponder(s) uplink centre frequency **14212 MHz**  
Transponder(s) uplink bandwidth **54 MHz**

**Asiasat-5**

ITU BR Filing Information

ITU BR filing satellite network name **ASIASAT-EKX**  
ITU BR circular reference number and date of publication **IFIC 2656**  
Satellite operator(s) (commercial) name **Asiasat-5**  
GSO longitude (East or West from Greenwich) **100.5E**  
Satellite service area (text description and/or a figure of the area) **South Asia**



Forward Channel details (Satellite to AES)

Transponder(s) downlink centre frequency **12462 MHz**  
 Transponder(s) downlink bandwidths **54 MHz**

Return Channel details (AES to satellite)

Transponder(s) uplink centre frequency **14150 MHz**  
 Transponder(s) uplink bandwidth **54 MHz**

**Intelsat IS-14**

ITU BR Filing Information

ITU BR filing satellite network name **USASAT-13I**  
 ITU BR circular reference number and date of publication **IFIC 2574**  
 Satellite operator(s) (commercial) name **Intelsat IS-14**  
 GSO longitude (East or West from Greenwich) **45W**  
 Satellite service area (text description and/or a figure of the area) **Europe/Africa beam**



Forward Channel details (Satellite to AES)

Transponder(s) downlink centre frequency **11550 MHz**  
 Transponder(s) downlink bandwidths **36 MHz**

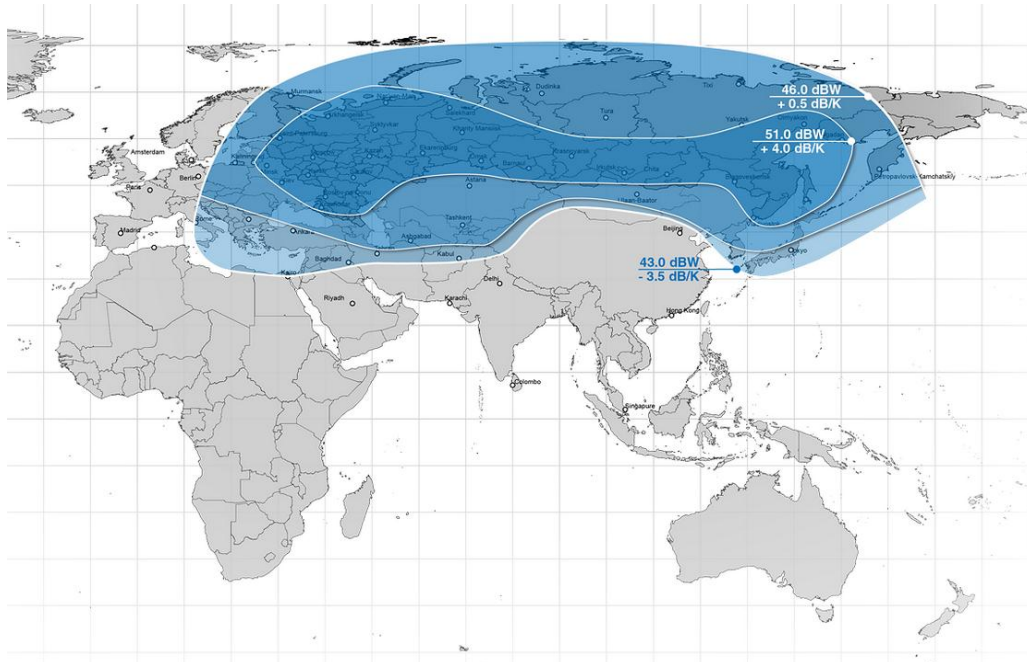
Return Channel details (AES to satellite)

Transponder(s) uplink centre frequency **14202 MHz**  
 Transponder(s) uplink bandwidth **72 MHz**

**Yamal-401**

ITU BR Filing Information

ITU BR filing satellite network name **EXPRESS-7C**  
 ITU BR circular reference number and date of publication **IFIC 2746**  
 Satellite operator(s) (commercial) name **Yamal-401**  
 GSO longitude (East or West from Greenwich) **90E**  
 Satellite service area (text description and/or a figure of the area) **Northern Beam 1**



Forward Channel details (Satellite to AES)

Transponder(s) downlink centre frequency **11580 MHz**  
 Transponder(s) downlink bandwidths **72 MHz**

Return Channel details (AES to satellite)

Transponder(s) uplink centre frequency **14380 MHz**  
 Transponder(s) uplink bandwidth **72 MHz**

• **Other details**

In addition the AES network operators needs to notify the Office of the name of the airlines which will be using their network system. Alternatively, operators could provide to the Office a link to their webpage containing this information.  
 See [www.panasonic.aero/](http://www.panasonic.aero/)