

TYPE APPROVAL CERTIFICATE

PARIS, 26-08-2015

FOLLOWING VERIFICATION AND INSPECTION OF SUBMITTED DATA (ESOG MODULE 120 REFERS) EUTELSAT S.A. IS GRANTING TYPE APPROVAL FOR THE VSAT EARTH STATION MODEL: **Type 965 Class I (previously EA-A035)** TO: **SKYWARE GLOBAL, 1315 Outlet Center Drive, Smithfield, N.C. 27577, UNITED STATES** AS STANDARD EUTELSAT S.A. VSAT EARTH STATION, UNDER THE CONDITIONS STATED IN ANNEX 1 OF THIS CERTIFICATE AND WITH REGISTRATION NUMBER

EA-V061

THIS APPROVAL ALLOWS THAT VSAT STATIONS OF THE MODEL INDICATED ABOVE DO NOT NEED INDIVIDUAL VERIFICATION OF RF PERFORMANCE PRIOR TO ENTERING INTO OPERATION IN THE EUTELSAT S.A. SYSTEM. ANY INDIVIDUAL TERMINAL WILL ONLY BE SUBJECT TO THE NORMAL APPLICATION / REGISTRATION PROCEDURE AS STIPULATED IN ESOG MODULE 110.



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Eutelsat S.A.

Annex 1 : Conditions
Annex 2 : Equipment Configuration

CONDITIONS

1. The type approval concerns only VSAT stations of the model stated in the certification and the detailed configuration as given in Annex 2 of the certificate.
2. If in future any modifications are applied either to the station configuration, one of its components or the manufacturing process (including alignment and verification procedures), Eutelsat S.A. should be notified immediately.
3. The applicant is obliged to provide to Eutelsat S.A. and on request, information on any delivered system of the kind covered by this type approval. This information will in particular concern: the entity supplied to, the place and date of installation and the exact VSAT station configuration.
4. The maximum allowed EIRP for the subject VSAT station while operating in the Eutelsat S.A. system has been fixed in the band 13.75-14.5 GHz, for digital carriers transmitted at the satellite receive contour of 0 dB/K (EESS 502, § 6.1 refers):
42.9 dBW / 40 kHz for satellite orbital separations $\geq 2.5^\circ$
37.5 dBW / 40 kHz for satellite orbital separations $\geq 2.0^\circ$
35.6 dBW / 40 kHz for satellite orbital separations $\geq 1.5^\circ$
Nevertheless, according to ITU (ref. ITU-R Radio Regulation N°5.502 and 5.503.), the antennas $< 1.2\text{m}$ are not allowed to traffic at 13.75 – 14.00 GHz.



EQUIPMENT CONFIGURATION

Item	Make	Model
EA-V061, 96cm Type 965 Class I	Skyware Global	62-9655401
96cm Long Focal Length SMC Main Reflector with Feed Support, Braces and Side Strut	Skyware Global	6116021-11
Az/EI Mount with one piece clamp	Skyware Global	6116125-01
LFL XPC Feed Horn, Overmode Die Cast Generator module, OMT 1 Transmit Reject Filter with Die Cast Mounting Block	Skyware Global	6116784-13

Notes:

1-The Type Approval EA-V061 is relevant to the Type 965 Class I (model Ref.: 62-9655401). It is designed for operating with an integrated transceiver assembly (or BUC+LNB assemblies) weighting a maximum of 1.7 Kg and for an installed power ≤ 16 Watt

2-Standard configuration: type 965 Class I (fixed applications):
Feed: 6116784-13 ; Reflector: 6116021-11 ; Azel: 6116125-01

3-To be operated for maximum wind speeds of up to 72 Km/h.

4-The Type 965 Class I was previously type approved as EA-A035, with the reference Type 961 (62-9615401).

