

TYPE APPROVAL CERTIFICATE

PARIS, 21-08-2015

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 988 Ka Band, Class Iwith Ceilo Transceiver** 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-V064

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.



Fritz Schurig
Development and Innovation Department
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 28.30-30.00 GHz, for digital carriers transmitted at the satellite receive contour of 7 dB/K (EESS 502, § 6.1 refers):
40.6 dBW / 40 kHz for satellite orbital separations $\geq 1.5^\circ$



EQUIPMENT CONFIGURATION

Item	Make	Model
EA-V064, 0.98m Long Focal Length SMC Reflector with Support & Braces	Skyware Global	62-9885811
Az/EI Mount with one piece clamp	Skyware Global	1504808
LFL feed horn with polarizer, Cielo Transceiver	Skyware Global	FED080KA02
0.98m SMC Main Reflector and side strut, and radio bracket	Skyware Global	6116037
Mount for 0.98m Single Optics system and reflector back bracket	Skyware Global	1504178-0002
Single offset with feed/polarizer	Skyware Global	FED080KA02

Notes:

- 1- Class I (Class II and III do not exist) is designed for operating with an integrated transceiver assembly Celio of Skyware Technologies in combination with the Skyware Global Ka wideband Polarizer/Feed weighting a maximum of 1.7 Kg.
- 2- To be operated for maximum wind speeds of up to 72 Km/h.
- 3- Designed for an installed power \leq 16 Watt.

