Special Temporary Authority Application
Summary of Extended Ku-band Earth Station Technical Information
For Coordination with NTIA

Date send to OET:	4/10/02
Applicant:	Corporate Satellite Communications of Florida, Inc.
File No.:	SES-STA-20020108-00060
Call Sign:	E920609
Purpose of STA:	Substitute for lost capacity on Solidaridad I pending action on application for modifications to satellite earth station E990287 (SES-MOD-20010816-01546)
STA term:	Earlier of 180 days or grant of SES-MOD-20010816-01546
Site Location:	7007 SW 32d Street, Miami, FL
Latitude:	25 °50' 13" N.
Longitude:	080 ° 14' 57.4" W.
Transmit frequency:	13.806-13.830
Receive frequency:	
Polarization:	H,V
Antenna Size:	2.4 m
Gain:	Tx: 59.8 dB Rx: 58.4 dB
Maximum antenna height:	5.1 m (above ground level) 8.4 m (above mean sea level)

Frequency Band	Emissions	Maximum E.I.R.P.	Maximum E.I.R.P. Density
13.806-13.830 GHz	24MOOG7F	68 dBW	30.2 dBW/4kHz

Satellite:	Hispasat
Satellite (W. Long.):	330 degrees EL
Elevation Angle (E/W):	28 degrees
Azimuth (E/W):	110 degrees

The STA is necessary to accommodate an existing and long time customer who acquired capacity on Hispasat subsequent to the failure of Solidaridad I in August, 2000. The customer was without space segment capacity between the date of Solidaridad I's failure and October 30, 2000, the date CSC was first granted STA to communicate with Hispasat via its temporary fixed earth station E920609. This antenna is the only Ku band antenna currently available to CSC for the provision of this service. CSC intends to transition this service off of its temporary fixed earth station E920609 to its fixed earth station E990287 as soon as it receives authority to do so by way of a grant of its long pending application SES-MOD-20010816-01546, which was submitted in replacement of an application filed on October 6, 2000. CSC most definitely does not desire to provide this service via its 2.4 meter antenna on a permanent basis. Again, CSC intends to transition this service to the 8.1 meter antenna proposed in SES-MOD-20010816-01546 and will do so as expeditiously as practicable subsequent to grant of that application.