

Attached is the Intelsat 707 Line-up Message for transponder use by the General Dynamics Satcom-on-the-Move™ system.

Please note that the specific Ku-band frequencies that will be used by this system are:

2.4m fixed VSAT hub antenna:	14401.3000 MHz uplink / 11601.3000 MHz downlink
0.6m mobile terminal antenna:	14404.1800 MHz uplink / 11604.1800 MHz downlink

ZCZC 351269
SMTP ioc-ssog2@intelsat.com
ssogleas
.UKDAS 32843

TO: INTELSAT OPERATIONS CENTER
MODE: SMTP ioc-ssog2@intelsat.com
ATTN: Mr. Steve Petranto - Daily Operations Supervisor

REFER TO: [CSN=351269]/[GRP=TOCC]/[LOC=307.00]/[REP=DEJAVS]/2004-11-16

SUBJECT: INTELSAT 707/307.00 DEG E, SSOG LINEUP FOR AN IED FOR General
Dynamics (SATCOM-ON-THE-MOVE DEMO.)

REFERENCES: A. REQUEST VIA FROM J. JANKOWSKI OF I-GOV DATED 16-NOV-04

PER THE REQUEST VIA REFERENCE A., WE ARE PLEASED TO SCHEDULE THE SSOG
LINE-UPS FOR FREE USE OF CAPACITY FOR GENERAL DYNAMICS. THE FREE USE IS
FOR SATCOM-ON-THE-MOVE DEMONSTRATION. THE FREE USE IS GRANTED FOR 12
DAYS STARTING FROM 22-NOV TO 3-DEC-2004. PLEASE DEACTIVATE THE CARRIERS
BY THEN.

PRIOR TO ACTIVATION OF THE CARRIERS, THE LEASE HOLDER IS RESPONSIBLE TO
OBTAIN THE CORRESPONDING AUTHORIZATION FROM THE AUTHORITIES IN THE
COUNTRY THE SERVICE WILL BE TRANSMITTED.

ACCORDINGLY, THE FOLLOWING SSOG TEST SCHEDULE IS PROVIDED FOR THE
ACTIVATION OF YOUR SERVICES.

ALL CARRIER ACTIVATIONS/DEACTIVATIONS MUST BE CO-ORDINATED WITH
THE Intelsat Global Service Corporation Operation Center (IOC).

THE IOC CAN BE REACHED AT:

PHONE: +1 202 364 4000

FAX: +1 202 364 4030.

EMAIL: IOC.OPERATIONS@INTELSAT.COM

SSOG TEST DATE: 00:01UTC 22-NOV-2004 OR AS MUTUALLY AGREED

SATELLITE: INTELSAT 707/307.00 DEG E.

TRANSPONDER 69/69

POLARISATION V/H

LEASE ASSIGNMENT 14399.800000 - 14405.800000 MHZ

AVAILABLE LEASE RESOURCE 6.0 MHZ/ 29.4 DBW AT BEAM EDGE

TRANSPONDER SFD -83.4 DBWM2 AT BEAM EDGE

TRANSMIT E/S	XPNDR	UP/DOWN FREQUENCY (MHZ)	RECEIVE E/S
SOTM-FG0.6M	69/69	14401.3000/11601.3000	DLTH2.4M
DLTH2.4M	69/69	14404.1800/11604.1800	SOTM-FG0.6M

(V/H)

FREQUENCY (TX/RX)	14401.3000/ 11601.3000
POLARIZATION (TX/RX)	V/H
TRANSMIT E/S	SOTM-FG0.6M
RECEIVE	DLTH2.4M
CARRIER TYPE	IBS/ 2048.0 Kbps FEC 1/2 RS(1/1) QPSK
U/L E.I.R.P.	48.3 DBW
D/L E.I.R.P. (BEAM CENTER)	28.3 DBW
D/L E.I.R.P. (BEAM EDGE)	19.8 DBW
ALLOCATED BW	2857.5 KHz

FREQUENCY (TX/RX)	14404.1800/ 11604.1800
POLARIZATION (TX/RX)	V/H
TRANSMIT E/S	DLTH2.4M
RECEIVE	SOTM-FG0.6M
CARRIER TYPE	IBS/ 2048.0 Kbps FEC 1/2 RS(1/1) QPSK
U/L E.I.R.P.	57.4 DBW
D/L E.I.R.P. (BEAM CENTER)	37.4 DBW
D/L E.I.R.P. (BEAM EDGE)	28.9 DBW
ALLOCATED BW	2857.5 KHz

TEST PLAN

STEP 1:

EARTH STATIONS CO-ORDINATE WITH THE IOC AND ESTABLISH THE CARRIER(S) SHOWN ABOVE. THE ACTIVATION OF CARRIERS MUST FOLLOW THE PROCEDURE DESCRIBED IN SECT 3.1 OF SSOG-600 DOCUMENT. THE TRANSMIT E.I.R.P. SHOULD BE ADJUSTED TO PRODUCE THE SPECIFIED DOWNLINK E.I.R.P. AS MEASURED BY THE Intelsat Global Service Corporation CSM.

STEP 2:

IN ACCORDANCE WITH SSOG 600 SECT 3.1, EARTH STATIONS AND THE IOC ENSURE THAT THE ACTUAL BANDWIDTH OF EACH CARRIER DOES NOT EXCEED THE ALLOCATED BANDWIDTH BY USING A SPECTRUM ANALYSER.

STEP 3:

ADDITIONAL TESTING IS OPTIONAL, AND MAY BE CONDUCTED BY THE EARTH STATIONS TO ENSURE THE DESIRED PERFORMANCE IS ACHIEVED.

STEP 4:

YOU MAY SUBMIT A TEST COMPLETION REPORT FORM USING THE Intelsat Global Service Corporation WEB PAGE AT:

<http://www.intelsat.com/resources/generlinetest.aspx>

OR BY USING ANY OF THE FOLLOWING MEANS:

FAX : +1 202 944 8131

email: TOCC.AOR@INTELSAT.COM

FOR FURTHER INFORMATION REGARDING THIS MESSAGE CONTACT:

Ms. Sumon Dejavitlert ON TELEPHONE +1 202 944 7884, WHO MANAGES THE OPERATIONS OF INTELSAT 707/307.00

email: TOCC.AOR@INTELSAT.COM

FAX: +1 202 944 8131

BEST REGARDS,

H. Salazar, MANAGER

Intelsat Global Service Corporation TOCC

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