

## EXHIBIT 2 – MARK UP SHOWING CHANGES TO BE MADE TO KA31 LICENSE

In Section A) Site ID – Change the Latitude, Longitude and Elevation for Site ID # 1 as shown on the attached mark-up of the license and as set forth in the Schedule B.

No changes to Section B of License.

In Section C) Frequency Coordination – Change lines 4 and 5 by adding the east and west longitude specifications for those 1626.5000 - 1660.5000 and 1525.5000 - 1559.0000 Coordinations as shown on the attached mark-up of the license and as set forth in the Schedule B.

Change line 7 by adding the missing Max EIRP Density toward Horizon for that 6454.4000 – 6456.6000 Coordination as shown on the attached mark-up of the license and as set forth in the Schedule B.

Add missing Coordinations for 3700.0000 – 4200.0000 and 5925.0000 – 6425.0000 as set forth in the Schedule B.

In Section D) Point of Communication – Add new Point of Communication Authorizations as set forth in the Schedule B.

No changes to remainder of License.



**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
 Unofficial Copy

Name: COMSAT, INC.

Call Sign: KA31  
 File Number: SES-MOD-20151009-00715

Authorization Type: Modification of License  
 Common Carrier Grant Date: 04/25/2016 Expiration Date: 07/08/2021

Nature of Service: Mobile Satellite Service

Class of Station: Mobile Earth Station

**A) Site Location(s)**

# Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1) 1	7676 PINE GROVE RD SANTA PAULA, VENTURA CA, 93060	<del>34°24'5.0"N</del> 34°24'6.6"N	<del>119°4'26.0"W</del> 119°4'25.17"W	<del>228.6</del> 232.0	27	

Please change these entries as per Schedule B to:

Licenses certifies antenna(s) comply with gain patterns specified in Section 25.209

Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning Saturday, July 08, 2006 (3 AM Eastern Standard Time) and ending Thursday, July 08, 2021 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is Tuesday, April 25, 2017 (3 AM Eastern Standard Time). Grantee must file with the Commission a certification upon completion of construction and commencement of operation.

**B) Particulars of Operations** *No changes to Section B*

The General Provision 1010 applies to all receiving frequency bands.  
 The General Provision 1900 applies to all transmitting frequency bands.  
 For the text of these provisions, refer to Section H.

# Frequency	Polarization	Emission	Tx/Rx Mode	Max EIRP /Carrier	Max EIRP Density	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1) 6454.4000 - 6456.6000	R	24K0F3E	T	77.00	74.70	12.8M		Analog Voice
2) 6454.4000 - 6456.6000	R	NON	T	77.00	77.00	12.8M		Pilot
3) 6454.4000 - 6456.6000	R	1K20G1D	T	77.00	77.00	12.8M		STD-C
4) 6454.4000 - 6456.6000	R	600HG1D	T	77.00	77.00	12.8M		STD-C
5) 6454.4000 - 6456.6000	R	NON	T	77.00	77.00	12.8M		Test signal
6) 6454.4000 - 6456.6000	R	600HG2D	T	70.00	70.00	12.8M		AERO
7) 6454.4000 - 6456.6000	R	1K20G2D	T	70.00	70.00	12.8M		AERO
8) 6454.4000 - 6456.6000	R	2K40G2D	T	70.00	70.00	12.8M		AERO
9) 6454.4000 - 6456.6000	R	10K5G2E	T	70.00	65.80	12.8M		AERO
10) 6454.4000 - 6456.6000	R	1K20G1D	T	77.00	77.00	12.8M		STD- A telex
11) 6443.0000 - 6454.0000	R	24K0F3E	T	77.00	74.70	12.8M		Analog Voice
12) 6443.0000 - 6454.0000	R	NON	T	77.00	77.00	12.8M		pilot
13) 6443.0000 - 6454.0000	R	1K20G1D	T	77.00	77.00	12.8M		STD-C
14) 6443.0000 - 6454.0000	R	600HG1D	T	77.00	77.00	12.8M		STD-C

*No Changes on Page 2 and 3*



**UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
RADIO STATION AUTHORIZATION**

*Current Authorization : FCC WEB Reproduction  
Unofficial Copy*

Name: COMSAT, INC.

Call Sign: KA31  
File Number: SES-MOD-20151009-00715

Authorization Type: Common Carrier	Modification of License		
	Grant Date:	04/25/2016	Expiration Date: 07/08/2021
78) 1525.0000 - 1559.0000	L	1K20G2D R	12.8M
79) 1525.0000 - 1559.0000	L	2K40G2D R	12.8M
80) 1525.0000 - 1559.0000	L	10K5G2E R	12.8M

**C) Frequency Coordination**

#	Frequency Limits(MHz)	Satellite Arc (Deg. Long.) East West Limit Limit	Elevation (Degrees) East West Limit Limit	Azimuth (Degrees) East West Limit Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
1)	6417.5000 - 6454.0000	48.0W-190.0W	6.9 - 7.0	101.0 - 258.9	43.4	12.8M
2)	3600.0000 - 3629.0000	48.0W-190.0W	6.9 - 7.0	101.0 - 258.9	0.0	12.8M
3)	4192.5000 - 4200.0000	48.0W-190.0W	6.9 - 7.0	101.0 - 258.9	0.0	12.8M
4)	1626.5000 - 1660.5000	44.0W - 190.0W	6.9 - 7.0	101.0 - 258.9	43.4	12.8M
5)	1525.5000 - 1559.0000	44.0W - 190.0W	6.9 - 7.0	101.0 - 258.9	0.0	12.8M
6)	1574.4000 - 1576.6000	48.0W-190.0W	6.9 - 7.0	101.0 - 258.9	0.0	12.8M
7)	6454.4000 - 6456.6000	48.0W-190.0W	6.9 - 7.0	101.0 - 258.9	0.0	12.8M

*Please add these entries as per Schedule B.  
Add missing Coordination for 53.30 R*

**D) Point of Communications**

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 1) 1 to INMARSAT Ltd.-3 satellite(s) @ 178 E.L. in POR (United Kingdom-licensed) (Non-U.S.-licensed)
- 2) 1 to INMARSAT Ltd.-2 satellite(s) @ 179 E.L. in POR (United Kingdom-licensed) (Non-U.S.-licensed)
- 3) 1 to INMARSAT satellite(s) in POR of the INMARSAT system (Non-U.S.-licensed)
- 4) 1 to All Inmarsat satellites on "ISAT List" authorized to access U.S. in the L-Band

**E) Antenna Facilities** *No changes to remainder of license*

Site ID	Antenna ID	Units	Diameter (Meters)	Manufacturer	Model Number	Site Elevation	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	12.8M	1	12.8	PHILCO-FORD	42-FOOT	228.6	15.2 AGL/ 243.8 AMSL	

Max Gains(s): 52.8 dBi @ 4.0000 GHz 56.0 dBi @ 6.0000 GHz 40.0 dBi @ 1.6400 GHz 39.0 dBi @ 1.5400 GHz  
 Maximum total input power at antenna flange (Watts) = 2000.0  
 Maximum aggregate output EIRP for all carriers (dBW) 89.0

**F) Remote Control**

Call Sign: KA31

**G) Antenna Structure marking and lighting requirements:**

None unless otherwise specified under Special and General Provisions