

From: [Dillner, Ian J](#)
To: [Jae Lim](#)
Cc: [Yalenszhan, Aerdj](#); [Gary A Neirynck](#)
Subject: Re: [E] SES-LIC-20210113-00047; Call sign: E210006
Date: Friday, March 12, 2021 11:46:06 AM
Attachments: [image001.png](#)

Jae,

Good morning. I wanted to follow up on your inquiry to us regarding this application. Please let us know if the response below addresses your questions.

Orbit Equatorial Inclination: Medium-Earth Orbit satellite system in equatorial circular orbit at 8,062 km altitude (0 degree orbital inclination)
Orbit Apogee Km: 8062
Orbit Perigee Km: 8062
Orbit Period (Hr/Day): 288 minutes
Orbit Num Sats in the system: 20

[I have moved Pat Merrick to BCC and added two other colleagues to the CC line]

Best regards,
Ian

----- Forwarded message -----

From: **Jae Lim** <Jae.Lim@fcc.gov>
Date: Tue, Mar 9, 2021 at 9:53 AM
Subject: [E] SES-LIC-20210113-00047; Call sign: E210006
To: patrick.merrick@verizon.com <patrick.merrick@verizon.com>

Hi Patrick Merrick,

I hope all is well.

I'm forwarding your application for NTIA coordination and need additional information about your PntComm.

I'm not a satellite person and need information for O3B-A S2935:

Orbit Equatorial Inclination
Orbit Apogee Km
Orbit Perigee Km
Orbit Period (Hr/Day)
Orbit Num Sats in the system :24

Thanks.

Jae Lim
FCC/IB

File No: SES-UJ-20210113-00047 Call Sign: E210006 Filing State: Pending Status: AFP Status Date: Jan 13 2021 6:00
 Applicant: MCI Communications Services, LLC File Date: Jan 13 2021 Last Action: Action Date: No. Sites: 1
 Class of Station: Fixed Earth Stations Type of Facility: Transmit/Receive Nature of Service: FSS = Fixed Satellite Service
 US Licensed Satellites Certifications: US/Non-US Lic. Sats NOT indicated Routed To: Jae_Lim
 Non-US Licensed Satellites Requires Freq. Coord. Exhibit for W/R Earth Station

WR Earth Station
 City: Window Rock County: Apache State: AZ Lat: 354029.6N Lon: 1090326.6W Grnd (m amsl): 2082 NAD83

Ant Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output Eirp	Gain (dBi@GHz)	Gain (dBi@GHz)	Gain (dBi@GHz)	Gain (dBi@GHz)	Gain (dBi@GHz)
1	1-2	2.4	40	70	54.5 @ 28.36	51.0 @ 18.58	51.0 @ 18.5	54.5 @ 28.3	55.3 @ 28.6

PTComms:
 038 A (S2935) @ NG50

Ord Row	Freq Lo (MHz)	Freq Hi (MHz)	SatArc (East)	SatArc (West)	Elev (East)	Elev (West)	Azim (East)	Azim (West)	Calc Elev (East)	Calc Elev (West)	Calc Azim (East)	Calc Azim (West)	Antenna ID
1	17800	18600	0	0	10	10	121.1	238.8	-23.4	-23.4	258.6	258.6	1-2
2	18800	19300	0	0	10	10	121.1	238.8	-23.4	-23.4	258.6	258.6	1-2
3	27600	28400	0	0	10	10	121.1	238.8	-23.4	-23.4	258.6	258.6	1-2
4	18800	19300	0	0	10	10	121.1	238.8	-23.4	-23.4	258.6	258.6	1-2
5	27600	28400	1M00G7D	0.00	0.00	R	1.00 MHz	Digital					1-2
6	17800	18600	216MG7D	0.00	0.00	R	216. MHz	Digital					1-2
7	18800	19300	1M00G7D	0.00	0.00	R	1.00 MHz	Digital					1-2
8	18800	19300	216MG7D	0.00	0.00	R	216. MHz	Digital					1-2
9	27600	28400	1M00G7D	70.00	32.00	T	1.00 MHz	Digital	15.50	35.48	-22.50		1-2
10	27600	28400	216MG7D	70.00	23.20	T	216. MHz	Digital	15.50	35.48	-31.30		1-2
11	28600	29100	1M00G7D	70.00	32.00	T	1.00 MHz	Digital	14.74	29.79	-23.26		1-2
12	28600	29100	216MG7D	70.00	23.20	T	216. MHz	Digital	14.74	29.79	-32.06		1-2

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Patrick Merrick
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