UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION REGISTRATION

Name: TDS BROADBAND SERVICE LLC **Call Sign:** E200364
Authorization Type: Registration **File Number:** SES-REG-20181011-05667
Common Carrier **Grant date:** 06/30/2020 **Expiration Date:** 10/11/2033

Nature of Service: Fixed Satellite Service

Class of Station: Fixed Earth Stations

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	MI Connection	420 S. Academy Street Mooresville, Iredell, NC 28115	35°34'42.7"N	80°49'11.3"W	266	83	

Licensee 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 registrant is registered to operate the radio facilities described below for radio communications for the term beginning October 11, 2018 (3 AM Eastern Standard Time) and ending October 11, 2033 (3 AM Eastern Standard Time) . The required date of commencement of operation is 00/00/0000. Registrant must file with the Commission a certification upon commencement of operation.

B) Particulars of Operations

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 (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	AMC10		c-band, catv channels
2)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	AMC11		Video
3)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	G13		Video
4)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	G14		Video
5)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	G15		Video
6)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	G17		Video
7)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	G18		Video
8)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	G23		Video
9)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	SES1		Video

FCC Form 488

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10)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	SES11		Video
11)	3700.0000-4200.0000	H,V	36M0G7W	Rx	0.00	0.00	SES3		Video

C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.) East Limit	Satellite Arc (Deg. Long.) West Limit	Elevation (Degrees) East Limit	Elevation (Degrees) West Limit	Azimuth (Degrees) East Limit	Azimuth (Degrees) West Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
1)	3700.0000-4200.0000	40.0W	120.0W	20.0	20.0	113.0	284.0	-24	AMC10
2)	3700.0000-4200.0000	40.0W	120.0W	28.0	20.0	121.0	284.0	-24	G14
3)	3700.0000-4200.0000	40.0W	120.0W	31.0	20.0	125.0	284.0	-24	G23
4)	3700.0000-4200.0000	40.0W	120.0W	22.0	20.0	114.0	284.0	-24	G15
5)	3700.0000-4200.0000	40.0W	120.0W	26.0	20.0	119.0	284.0	-24	G13
6)	3700.0000-4200.0000	40.0W	120.0W	23.0	20.0	115.0	284.0	-24	AMC11
7)	3700.0000-4200.0000	40.0W	120.0W	41.0	20.0	142.0	284.0	-24	SES11
8)	3700.0000-4200.0000	40.0W	120.0W	29.0	20.0	122.0	284.0	-24	G18
9)	3700.0000-4200.0000	40.0W	120.0W	44.0	20.0	148.0	284.0	-24	SES1
10)	3700.0000-4200.0000	40.0W	120.0W	47.0	20.0	163.0	284.0	-24	G17
11)	3700.0000-4200.0000	40.0W	120.0W	42.0	20.0	145.0	284.0	-24	SES3

D) Points of Communications

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

1) MI Connection to AMC 10 satellite (S2432) @ 135° degrees W.L.(U.S.-licensed)
2) MI Connection to AMC-11 (S2433) @ 131 W.L. (U.S.-licensed)
3) MI Connection to GALAXY 13 satellite (S2386) @ 127 degrees W.L. (U.S.-licensed)
4) MI Connection to GALAXY 14 satellite (S2385) @ 125 W.L.(U.S.-licensed satellite)
5) MI Connection to GALAXY 15 @ 133.1 WL (S2387) (U.S.-licensed satellite)
6) MI Connection to GALAXY 17 (S2715) @ 91 degrees W.L. (U.S.-licensed)
7) MI Connection to GALAXY 18 satellite (S2733) @ 123 W.L.(U.S.-licensed satellite)
8) MI Connection to GALAXY 23 (S2592) @ 121 degrees W. L.(U.S.-licensed)

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D) Points of Communications

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

9) MI Connection to SES-1 (S2807) @ 101 degrees W.L. (U.S.-licensed)
10) MI Connection to SES-3 (S2892) @ 103 degrees W.L. (U.S.-licensed)
11) MI Connection to AMC 18 (S2713) @ 139 degrees W.L. (Gibraltar-licensed)

E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
MI Connectio	AMC10	1	4.6	Scientific Atlanta	8005	266	0 AGL/ 268 AMSL	
Max Gains(s):	40.2 dBi @	4.2000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
MI Connectio	AMC11	1	3.7	Prodelin	1374	266	0 AGL/ 268 AMSL	
Max Gains(s):	40.4 dBi @	4.2000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
MI Connectio	G13	1	3.7	Prodelin	1374	266	0 AGL/ 268 AMSL	
Max Gains(s):	40.4 dBi @	4.2000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
MI Connectio	G14	1	4.6	Scientific Atlanta	8005	266	0 AGL/ 268 AMSL	
Max Gains(s):	44.3 dBi @	4.2000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
MI Connectio	G15	1	3.7	Prodelin	1374	266	0 AGL/ 268 AMSL	
Max Gains(s):	40.4 dBi @	4.2000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			

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E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
MI Connectio	G17	1	3.7	Prodelin	1374	266	0 AGL/ 268 AMSL	
Max Gains(s): 40.4 dBi @ 4.2000 GHz								
Maximum total input power at antenna flange (Watts) = .00								
Maximum aggregate output EIRP for all carriers (dBW) = .00								
MI Connectio	G18	1	3.7	Prodelin	1374	266	0 AGL/ 268 AMSL	
Max Gains(s): 40.4 dBi @ 4.2000 GHz								
Maximum total input power at antenna flange (Watts) = .00								
Maximum aggregate output EIRP for all carriers (dBW) = .00								
MI Connectio	G23	1	3.7	Prodelin	1374	266	0 AGL/ 268 AMSL	
Max Gains(s): 40.4 dBi @ 4.2000 GHz								
Maximum total input power at antenna flange (Watts) = .00								
Maximum aggregate output EIRP for all carriers (dBW) = .00								
MI Connectio	SES1	1	3.7	Prodelin	1374	266	0 AGL/ 268 AMSL	
Max Gains(s): 40.4 dBi @ 4.2000 GHz								
Maximum total input power at antenna flange (Watts) = .00								
Maximum aggregate output EIRP for all carriers (dBW) = .00								
MI Connectio	SES11	1	3.7	Prodelin	1374	266	0 AGL/ 268 AMSL	
Max Gains(s): 40.4 dBi @ 4.2000 GHz								
Maximum total input power at antenna flange (Watts) = .00								
Maximum aggregate output EIRP for all carriers (dBW) = .00								
MI Connectio	SES3	1	3.7	Prodelin	1374	266	0 AGL/ 268 AMSL	
Max Gains(s): 40.4 dBi @ 4.2000 GHz								
Maximum total input power at antenna flange (Watts) = .00								
Maximum aggregate output EIRP for all carriers (dBW) = .00								

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G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions

H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

4 --- Licensee must ensure that a current listing of the name, title, mailing address, email address, and telephone number of the responsible point of contact are on file at the FCC. Any changes must be filed electronically in the International Bureau Filing System (MyIBFS) using the "Pleadings and Comments" link on the MyIBFS homepage within 10 days of the change.

6 --- Licensee must comply with the license modification and notification requirements of 47 CFR § 25.118 to change the coordinates of its authorized earth station.

8 --- Licensee must notify the Commission when all earth stations operating under this authorization are no longer operational or when they have not been used to provide any service during any 6-month operation.

90398 --- Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (See 47 C.F.R. §§1.1307, 1.1308 and 1.1311)

90470 --- The application for this authorization was filed within the 194-day filing window for FSS earth stations operating in the 3700-4200 MHz frequency band as of April 19, 2018, as established by Public Notice DA 18-398 (rel. Apr. 19, 2018) and Public Notice DA-18-639 (rel. Jun. 21, 2018), and Public Notice DA 18-1061 (rel. Oct. 17, 2018).

90472 --- The application for this authorization was filed without a coordination report pursuant to the waiver granted in Public Notice DA 18-398 (rel. Apr. 19, 2018). Operations of this earth station in the 3700-4200 MHz band are not entitled to protection from stations operating in the fixed service.

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B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R.§ 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station is not ready for operation by the required date of completion of construction unless an application for modification of authorization to request additional time to complete construction is filed by that date, together with a showing that failure to complete construction by the required date was due to factors not under control of the grantee.

Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulatees is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.