

From: [Gonsalves, Clifford](#)
To: [Jae Lim](#); [Towanda Bryant](#)
Cc: [Anthony Asongwed](#); [Trang Nguyen](#); [Manner, Jennifer](#); [Phuong Pham Wilkinson Barker Knauer LLP](#)
Subject: RE: [EXTERNAL]: hello
Date: Thursday, July 1, 2021 6:57:49 PM
Attachments: [image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image001.png](#)
Importance: High

Hi Jae, sorry about the delayed response. But here the answers to my question:

SES-LIC-20210304-00435 **[Gonsalves, Clifford] Lat/Long** (WGS84): Minot, ND: Lat: 48° 12' 12.96" N, Long: 101° 16' 26.4" W

SES-LIC-20210304-00434 **[Gonsalves, Clifford] Lat/Long** (WGS84): San Antonio, TX: Lat: 29° 28' 18.34" N, Long: 98° 40' 17.69" W

You didn't provide site coordinates as a fixed station and have CONUS as a site address in your application, but you have 5 coordinates in this exhibit 1.

Can you clarify? **[Gonsalves, Clifford]** we are using 1 exhibit for all the 5 TT&C beacon sites

Is this a mobile/temp station? **[Gonsalves, Clifford]** fixed station

Dear Towanda, Let me speak to you on the phone about the other 3 identical TT&C applications (Abilene, TX +Midland, TX+ Casper, WY) which all got submitted on the same day if I not mistaken. When can I give you a call? Please advise.

Sincerely,

Clifford Gonsalves | Director, Regulatory Telecommunications

ECHOSTAR/Hughes | 11717 Exploration Lane, Germantown, MD 20876

Clifford.Gonsalves@echostar.com | Office: +1.301.601.6421 | Cell: +1.301.592.7681

ECHOSTAR | **HUGHES**

From: Jae Lim <Jae.Lim@fcc.gov>

Sent: Wednesday, June 30, 2021 9:56 AM

To: Gonsalves, Clifford <clifford.gonsalves@echostar.com>; Manner, Jennifer <Jennifer.Manner@echostar.com>

Cc: Anthony Asongwed <Anthony.Asongwed@fcc.gov>; Trang Nguyen <Trang.Nguyen@fcc.gov>; Towanda Bryant <Towanda.Bryant@fcc.gov>

Subject: RE: [EXTERNAL]: hello

****EXTERNAL EMAIL****

Hi Clifford,

It's nice to meet you as well.

Sorry for the processing delay.

I'm still working on all 3 applications.

I have a question about these 2 applications:

SES-LIC-20210304-00435

SES-LIC-20210304-00434

You didn't provide site coordinates as a fixed station and have CONUS as a site address in your application, but you have 5 coordinates in this exhibit 1.

Can you clarify?

Is this a mobile/temp station?

Thanks.

EXHIBIT 1

DESCRIPTION OF PROPOSED OPERATIONS (Response to Question 43, Form 312)

Pursuant to 47 C.F.R. § 25.115, HNS License Sub, LLC ("Hughes") requests authorization to operate a network of beacon earth stations for telemetry, tracking, and command ("TT&C") communications with EchoStar XXIV (also known as "Jupiter 3") (Call Sign S3017), a Ka- and Q/V-band geostationary orbit ("GSO") satellite licensed at 95.2° W.L. to provide fixed satellite services.¹

Proposed Beacon Operations. The proposed earth stations will employ 1.6-meter (in diameter) antennas to transmit and receive tracking beacons at 29.997 GHz (uplink) and 20.196 – 20.200 GHz (downlink) in order to: (i) maintain accurate pointing of EchoStar XXIV's spot beam antennas as well as the earth station antennas; and (ii) perform satellite in-orbit testing. Consistent with 47 C.F.R. § 25.202(g), these beacon stations will operate at authorized band edges from the following sites:

City, State	WGS84 Coordinates
Abilene, TX	32° 21' 35" N, 99° 44' 39" W
San Antonio, TX	29° 28' 18.34" N, 98° 40' 17.69" W
Midland, TX	31° 50' 49.56" N, 102° 19' 37.2" W
Casper, WY	42° 50' 58.56" N, 106° 19' 33.96" W
Minot, ND	48° 12' 12.96" N, 101° 16' 26.4" W

The technical parameters of the proposed operations are further specified in the accompanying Schedule B.

From: Gonsalves, Clifford <clifford.gonsalves@echostar.com>

Sent: Tuesday, June 29, 2021 6:10 PM

To: Towanda Bryant <Towanda.Bryant@fcc.gov>

Cc: Anthony Asongwed <Anthony.Asongwed@fcc.gov>; Trang Nguyen <Trang.Nguyen@fcc.gov>; Jae Lim <Jae.Lim@fcc.gov>

Subject: RE: [EXTERNAL]: hello

Thanks for the update....

Anthony and Trang,,, whats up? Are you doing okay?

Jae, nice to meet you..

Sincerely,

Clifford Gonsalves | Director, Regulatory Telecommunications
ECHOSTAR/Hughes | 11717 Exploration Lane, Germantown, MD 20876

Clifford.Gonsalves@echostar.com | Office: +1.301.601.6421 | Cell: +1.301.592.7681



From: Towanda Bryant <Towanda.Bryant@fcc.gov>
Sent: Tuesday, June 29, 2021 5:58 PM
To: Gonsalves, Clifford <clifford.gonsalves@echostar.com>
Cc: Anthony Asongwed <Anthony.Asongwed@fcc.gov>; Trang Nguyen <Trang.Nguyen@fcc.gov>; Jae Lim <Jae.Lim@fcc.gov>
Subject: RE: [EXTERNAL]: hello

****EXTERNAL EMAIL****

#1 Anthony
#2 Trang
#3 Jae
#4 Jae
#5 Jae

The last file number is not our Branch.

Tn.x T.

From: Gonsalves, Clifford <clifford.gonsalves@echostar.com>
Sent: Tuesday, June 29, 2021 5:35 PM
To: Towanda Bryant <Towanda.Bryant@fcc.gov>
Subject: RE: [EXTERNAL]: hello

Towanda, I need your help. I need to find the status of the following applications:

File Number	Applicant Name	Call Sign	Location	Date Filed	Date of PN
SES-AMD-20210128-00165	HNS	E170164	Cheyenne, WY	1/28/2021	
SES-LIC-20210304-00431	HNS	E210044	Abilene, TX	3/4/2021	
SES-LIC-20210304-00434	HNS	E210047	San Antonio, TX	3/4/2021	
SES-LIC-20210304-00435	HNS	E210048	Minot, ND	3/4/2021	
SES-MOD-20210423-00733	HNS	E060445	Blanket	4/23/2021	
0061-EX-CM-2021	EGA	WL2XFJ	Englewood, CO	4/5/2021	

Sincerely,
Clifford Gonsalves | Director, Regulatory Telecommunications
ECHOSTAR/Hughes | 11717 Exploration Lane, Germantown, MD 20876
Clifford.Gonsalves@echostar.com | Office: +1.301.601.6421 | Cell: +1.301.592.7681



From: Towanda Bryant <Towanda.Bryant@fcc.gov>
Sent: Tuesday, June 29, 2021 5:15 PM
To: Gonsalves, Clifford <clifford.gonsalves@echostar.com>
Subject: RE: [EXTERNAL]: hello

****EXTERNAL EMAIL****

Hey Clifford!!

How are you???

From: Gonsalves, Clifford <clifford.gonsalves@echostar.com>

Sent: Tuesday, June 29, 2021 5:14 PM

To: Towanda Bryant <Towanda.Bryant@fcc.gov>

Subject: [EXTERNAL]: hello

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My friend, do you remember me? Hahahahaha...

Sincerely,

Clifford Gonsalves | Director, Regulatory Telecommunications

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ECHOSTAR | **HUGHES**