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June 20, 2012

Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, D.C. 20554

Re: WT Docket No. 12-70; ET Docket No. 10-142
Ex Parte Notice

Dear Ms. Dortch:

On Monday, June 18, 2012, Jay Monroe, Executive Chairman of the Board of Directors and Chief Executive Officer of Globalstar, Inc. (“Globalstar”), L. Barbee Ponder IV, General Counsel & Vice President, Regulatory Affairs, for Globalstar, Steve Berman of Lawler, Metzger, Keeney & Logan, LLC, and I met with Commissioner Ajit Pai; Matthew Berry, Chief of Staff to Commissioner Pai; and Courtney Reinhard, Legal Advisor, Wireless, for Commissioner Pai. On Tuesday, June 19, 2012, the same Globalstar representatives met with Commissioner Jessica Rosenworcel and Paul Murray, Acting Legal Advisor for Wireless Issues for Commissioner Rosenworcel.

At these meetings, Globalstar’s representatives provided an overview of Globalstar’s global “Big LEO” mobile satellite service (“MSS”) network, which it uses today to provide affordable, high-quality MSS to over 475,000 customers in over 120 countries around the world. We described Globalstar’s provision of mission-critical MSS offerings to the public, including emergency services and connectivity in rural and remote areas. We discussed the public safety benefits of Globalstar’s innovative “SPOT” family of MSS devices, which have helped provide emergency and safety-of-life services to individual consumers beyond terrestrial wireless reach. To date, SPOT devices, including the SPOT Satellite GPS Messenger and SPOT Connect, have been used to initiate over 1,800 rescues on land and at sea, in 70 countries.

Globalstar’s representatives also provided an update on Globalstar’s ongoing deployment of its second-generation Big LEO satellite network. Globalstar has launched the first eighteen satellites of its second-generation MSS constellation, and an additional launch of six satellites is planned by the end of the year. Globalstar’s state-of-the-art second-generation MSS network should support reliable voice and data service for consumers, government and public safety personnel, commercial users, and other customers in the U.S. and internationally well into the next decade.

Ms. Marlene Dortch

June 20, 2012

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Finally, we commended the Commission for issuing its March 2012 Notice of Proposed Rulemaking on terrestrial operations in the 2 GHz MSS band, and expressed support for the basic elements of its “AWS-4” proposal in that proceeding. We urged that the Commission adopt an order in the 2 GHz proceeding as soon as possible, and move forward expeditiously with a rulemaking proposal for similar terrestrial flexibility in the Big LEO band. By establishing a clear, stable framework for MSS-terrestrial operations in these bands, the Commission would quickly add this MSS spectrum to the nation’s broadband spectrum supply and help to alleviate the growing broadband spectrum deficit. In addition, a new regulatory framework for terrestrial operations in the Big LEO band would enhance the sustainability of MSS, benefiting consumers and public safety personnel in unserved and underserved areas.

At our meeting with Commissioner Pai and his staff, we provided the attached slide presentation on these matters. Pursuant to section 1.1206(b)(2) of the Commission’s rules, 47 C.F.R. § 1.1206(b)(2), this *ex parte* notification and the attached presentation are being filed electronically for inclusion in the public record of the above-referenced proceedings.

Respectfully submitted,

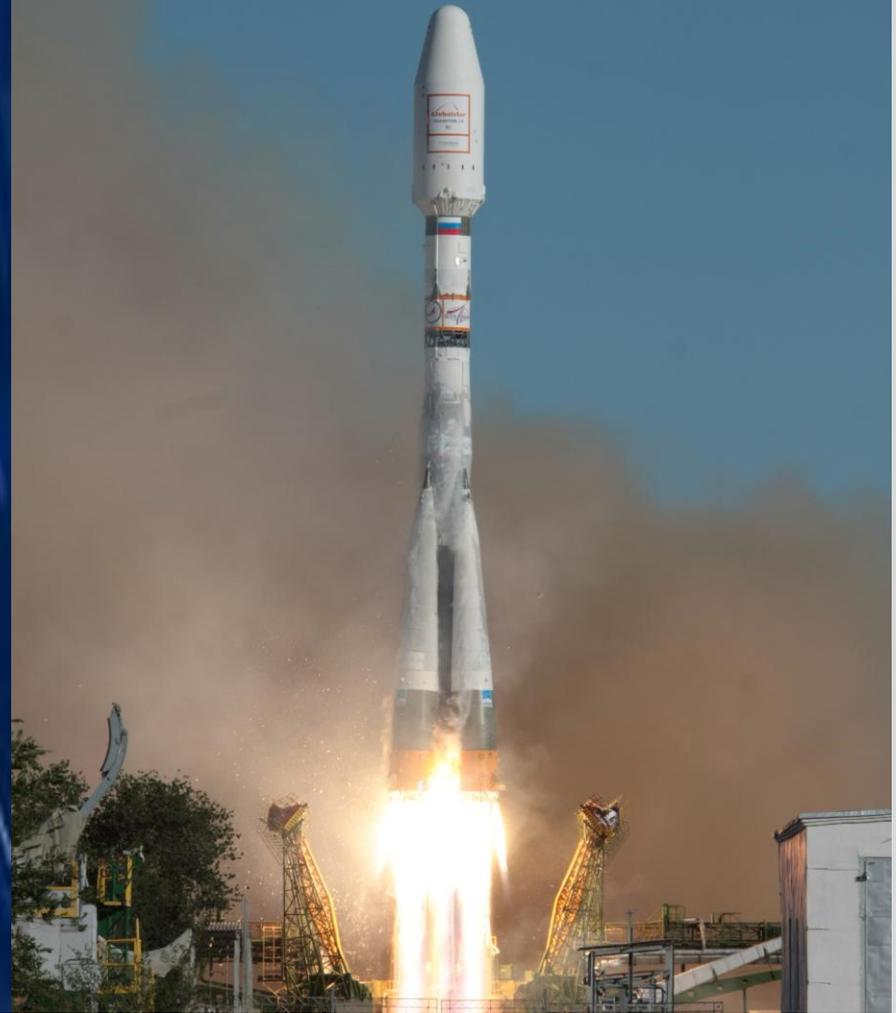
/s/ Regina M. Keeney

Regina M. Keeney

cc: Commissioner Ajit Pai
Commissioner Jessica Rosenworcel
Matthew Berry
Paul Murray
Courtney Reinhard

Globalstar

Launching The Future



June 2012

Globalstar

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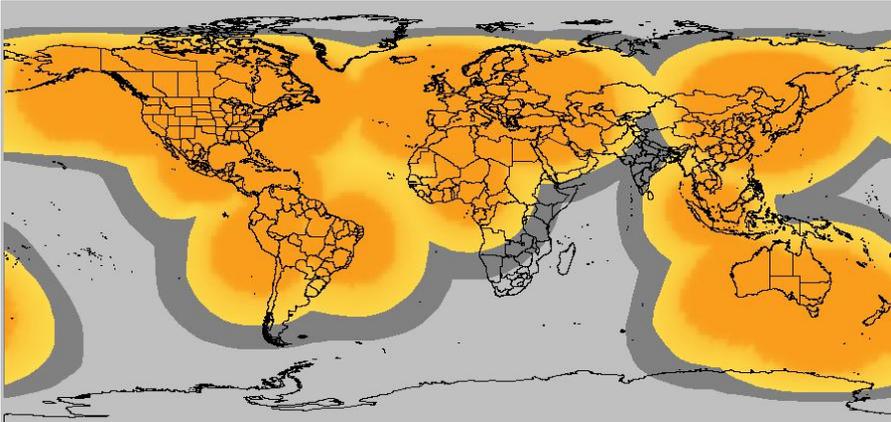
A Leading Provider of Mobile Satellite Voice and Data Services

- Provides solutions where cellphones cannot - with a constellation of low earth orbit satellites and two satellite operations control centers; 24 operating ground stations located around the world provide access to the Internet and public telephone networks
- Coverage in over 120 countries, over 500,000 MSS voice and data customers
- Headquartered in Covington, LA; offices in California, Canada, Western Europe, Africa, Asia, Latin America
- \$1.4 Billion in assets - \$1.1 Billion of which is primarily satellites and ground network
- Dedicated to providing mission-critical offerings to public, including emergency services in remote areas

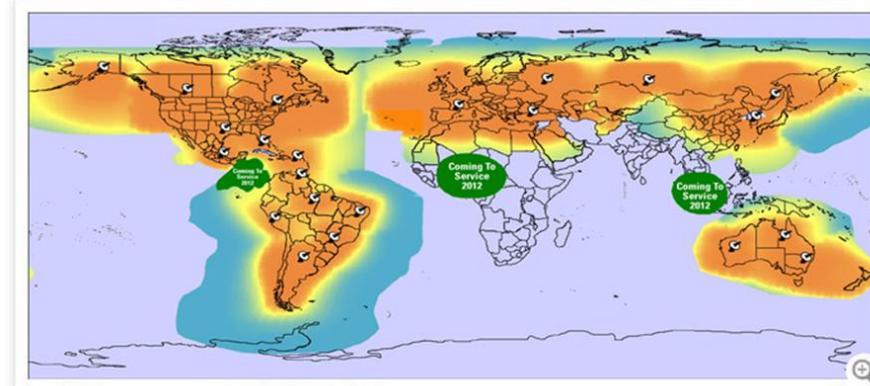


Globalstar Satellite Coverage

Coverage to Land, Coastal Maritime, and Select Deep Ocean Markets Around the Globe



Current Simplex
Data Coverage



Projected 2012
Voice and Duplex
Data Coverage

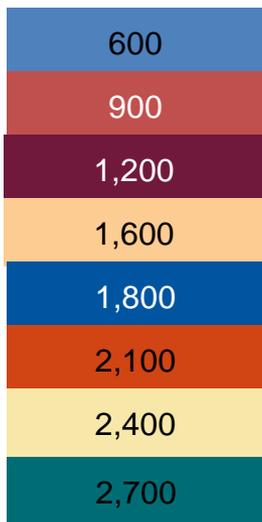
Est. coverage area only. Actual coverage may vary. In everyday conditions it is normal for some messages to be blocked by the environment.
Full map details available at www.findmespot.com.

Globalstar Mobile Satellite Spectrum

Big LEO Band

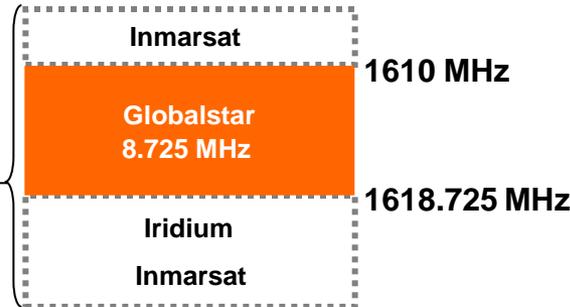
Globalstar has more than 25 MHz of global satellite spectrum with up to 19.275 MHz of ATC spectrum authority (subject to the Company first meeting the necessary ATC gating criteria)

Wireless Spectrum Frequencies

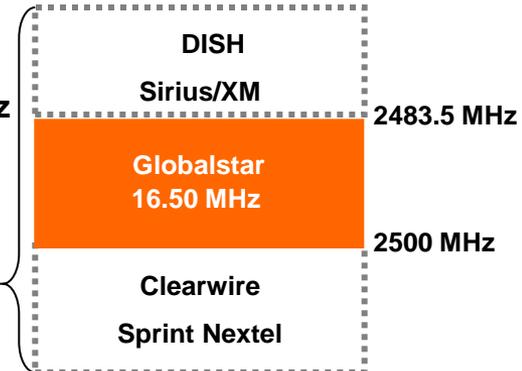


Globalstar Global Spectrum Detail

1600 Band



2400 Band



Globalstar Products

MSS Commercial, Government, and Retail Consumer Solutions and Airtime Services

Satellite Handsets

Business Continuity, Recreational and Emergency First Responder Applications



Low-Cost Recreational Consumer Retail Messaging and Tracking Products



Satellite Data M2M

Aviation, M2M Mobile Asset Tracking and Maritime Vessel Monitoring Products



Hybrid Cellular/Mobile/ Satellite M2M Products plus ATC Terrestrial Wireless Broadband Spectrum Opportunities



Globalstar – World's First MSS Consumer Products Company

- The revolutionary SPOT Satellite GPS Messenger enables users to send GPS location-tagged messages to friends, family, co-workers, or emergency responders, based on varying levels of need:
 - **Alert or SOS:** Send message to emergency response center
 - **Help:** Request help from friends and family
 - **OK:** Contacts can identify where you are and that you are OK
 - **Track Progress:** Track your progress using Google Maps
- The SPOT Satellite GPS Messenger has helped initiate more than 1800 rescues in numerous countries and at sea
- Globalstar has taken orders to ship more than 370,000 SPOT units to over 10,000 points of distribution

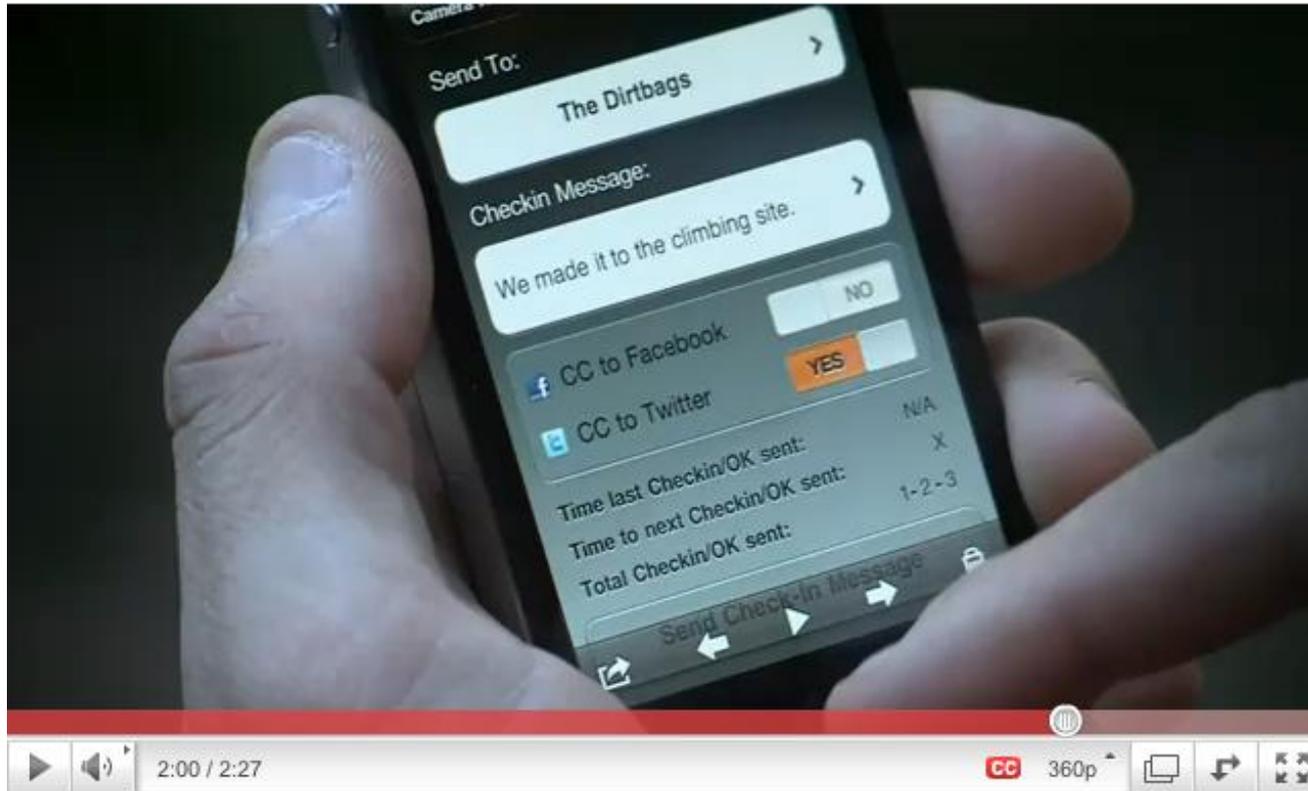


SPOT Connect

- Works with leading Smartphone/Tablet Devices
 - iPhone, iPod Touch, iPad
 - Android 2.0 or later
- Can send free form email/test messages via satellite



SPOT Connect on YouTube



SPOT Connect Demo Video on YouTube

http://www.youtube.com/watch?v=TFVI_HMEblw

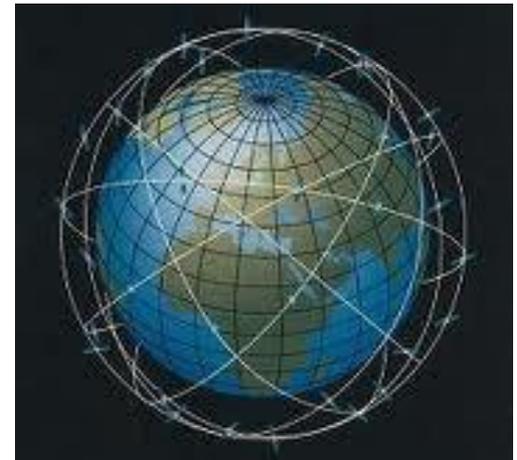
Public Safety Benefits of MSS and Globalstar Network

- MSS technology critical for serving remote, unserved, and underserved areas not reached by terrestrial deployments, including the substantial portion of the United States where no terrestrial-based service exists
- In populated areas, MSS networks provide critical back-up communications capabilities for first responders and other public safety personnel during natural disasters, when terrestrial facilities can be rendered unavailable
- Globalstar's public safety efforts in aftermath of Hurricane Katrina recognized by President Bush, Governor Haley Barbour, and other observers
- Globalstar's second-generation MSS constellation to support reliable voice and data services for first responders and other emergency personnel in the U.S. and internationally well into next decade

Globalstar Space Segment

Benefits of LEO Architecture

- LEO constellation of multiple satellites orbits at an altitude of ~870 miles (compared with a single GEO satellite which orbits at ~23,000 miles)
- LEO advantages include:
 - Global versus regional coverage as LEO satellites are not positioned over just one point above the earth's surface
 - Virtually no latency or time delay for either voice or data communications
 - Diversity reception allows the user to be within range of multiple satellites at any one time providing improved reliability



Globalstar Space Segment

Second-Generation Constellation Update

- 24 second-generation satellites will be integrated with the eight satellites launched in 2007
- Three Successful Launches of Six new second-generation satellites conducted in October 2010, July 2011 and December 2011
- One additional launch of six satellites is planned for second half of 2012



First and Second Generation Constellations – Comparison

1st Generation Network

- Launches Completed: 2000
- Total Cost: \$4.5+ billion
- Useful Life: ~7.5 years
- Relative Capacity: 100%
- Supporting Network: CDMA
- Data Speeds (uplink/downlink): 9.6 kbps/9.6 kbps
- Supports: Voice, Text, Low Speed Data

Summary:

- Provided reliable duplex and simplex service consistent with original design life of 7.5 years
- Continues to provide reliable simplex services
- 8 spare satellites launched in 2007

2nd Generation Network

- Launches to be Completed: 2012
- Total Cost: \$1.4+ billion
- Useful Life: ~15 years
- Relative Capacity: 140%
- Supporting Network: IP-Based WCDMA
- Data Speeds (uplink/downlink): up to 256 kbps/256 kbps
- Supports: Voice, SMS, Data, Push-to-Talk, video, LBS, GPS, WiMax, LTE, GSM

Summary:

- First 24 satellites launched 2010-2012 – 4 launches of 6 satellites each
- 2nd generation ground network, to be completed by 2014, required for increased data speeds/ advanced applications

Future Terrestrial Mobile Broadband Use Of Big LEO Band

- Globalstar holds 19.275 MHz of “ancillary terrestrial component” (“ATC”) spectrum in the Big LEO band at 1610-1617.775 MHz/2483.5-2495 MHz
- Globalstar seeking new regulatory framework in Big LEO band so its spectrum can be used for robust terrestrial mobile broadband service, in addition to MSS
- Greater flexibility for mobile broadband in Big LEO spectrum necessary to enhance financial viability of Globalstar and its mission-critical MSS offerings
- Will provide additional terrestrial mobile broadband capacity for first responders and other public safety personnel

Globalstar

Launching the Future

