WILMERHALE

December 15, 2009

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Submitted by IBFS

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

Re: Ex Parte Notification, FCC File No. SAT-MOD-20080904-00165

Dear Ms. Dortch:

On behalf of Globalstar Licensee LLC ("Globalstar"), I am submitting the attached PowerPoint presentation which was provided to staff during the meeting described in Globalstar's December 10, 2009, *ex parte* notification in the above-referenced proceeding.

Should there be any questions concerning this matter, please contact the undersigned.

Sincerely yours,

/s/ Samir C. Jain

Samir C. Jain
Counsel to Globalstar, Inc.

cc: Gardner Foster
Karl Kensinger

Attachment

Globalstar™

December 2009

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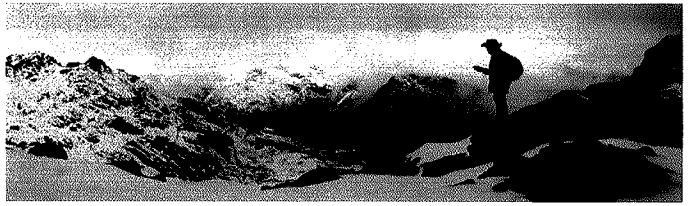
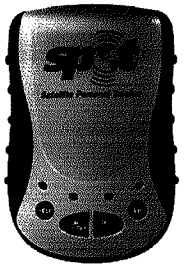
Products and Services

Consumer Focused

Mobile and Fixed Voice and Data

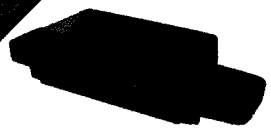


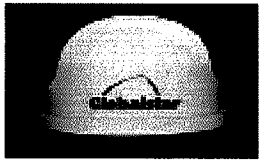
SPOT™ Satellite Messenger



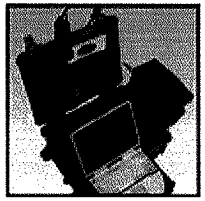
Commercial/Industrial Business Focused

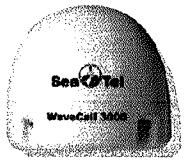
Integrated Asset Tracking and Data Monitoring Solutions





Aviation, First Responder and Maritime Solutions



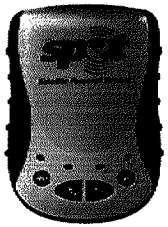


SPOT Satellite Messenger: First Global Satellite Messenger

SPOT Satellite Messenger

SPOT Satellite Messenger is a satellite locator device that sends GPS coordinates and selected messages to tell others of your location and status

SPOT Satellite Messenger enables users to send messages to friends, family, co-workers or emergency responders, based on varying levels of need:



- **SOS (911):** Sends message to Emergency response centre
- **Help:** Request help from friends and family
- **OK:** Contacts can identify where you are and that you're OK
- **Track Progress:** Track your progress using Google Maps

Untapped Market Opportunity

SPOT Satellite Messenger is the first ever global satellite messenger for consumers

Avid anglers, hikers, climbers, hunters, campers and boaters

- 50 million potential consumers in North America
- Targeted 2-3% market penetration over next few years

New products in development to expand consumer and business market potential

SPOT Satellite Messenger overcomes limitations of GPS navigation systems and wireless networks

400 SPOT Satellite Messenger "Life Saves" have highlighted the product utility

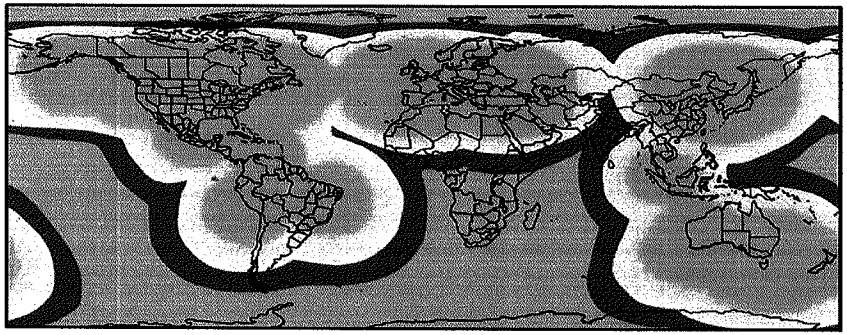
SPOT Satellite Messenger Distribution in Place and Growing

SPOT Satellite Messenger being sold in over 10,000 distribution points, including "Big Box" retailers

- Best Buy Canada, Amazon.com, Bass Pro, West Marine, REI, Cabela's, Joe's, Big 5, Boater's World, Gander Mountain, Eddie Bauer

Over 150,000 units ordered since product launch in Q4 2007

SPOT Satellite Messenger Coverage Footprint



SPOT Satellite Messenger coverage is broader than Duplex coverage

SPOT Satellite Messenger: Making News and Saving Lives

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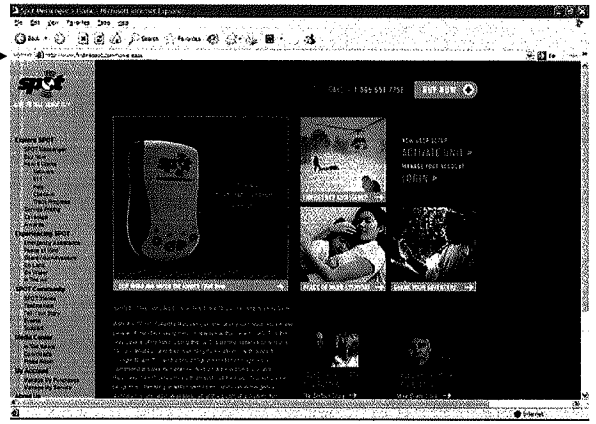
Recent Recognition

2008 WSJ Technology Innovation Award Winner for Consumer Electronics
-The Wall Street Journal, September 30, 2008

"SPOT™ Satellite Messenger … brings a little celestial high-tech to the common hiker"
- New York Times, January 24, 2008

SPOT Satellite Messenger Website

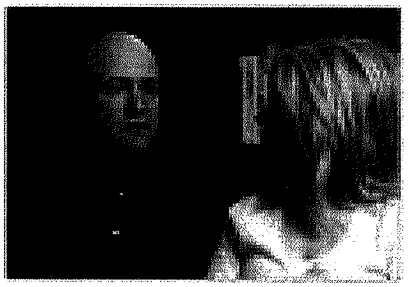
www.findmespot.com



The Mike Brady Story

"SPOT™ saved my life. If my brother hadn't bought me SPOT™ to check-in with him before I left (for Alaska), I might not be here right now."
- Mike Brady

The Bertsch Story



"I can rest easily knowing that Brian [Natalie's husband] will have SPOT™ with him every time he snowmobiles because of the safety capabilities and peace of mind it gives me."
- Natalie Bertsch

Overview of Satellite Constellation and Ground Network

Globalstar operates a constellation of low-earth-orbit (LEO) satellites

- Constellation orbits at 1,414 km (~ 850 miles) while Geostationary (GEO) satellites orbit at approximately 22,240 miles

LEO is a global constellation of Low Earth Orbiting satellites, while each GEO satellite covers a specific region of the earth's surface at any given time

- Advantages to LEOs include:
  - Virtually no latency
  - Lower power requirements for handsets and data terminals
  - Network and satellite redundancy

Globalstar's "Bent-Pipe" architecture provides communications through a network of 26 terrestrial gateways around the world

- Architecture offers enhanced voice quality and substantially lower build-out costs compared to mesh network configurations
- "Brains" of the system are located in the control centers in California and the ground stations, enabling faster and more cost-effective system maintenance and upgrades

Globalstar Coverage – Global and Expanding Footprint

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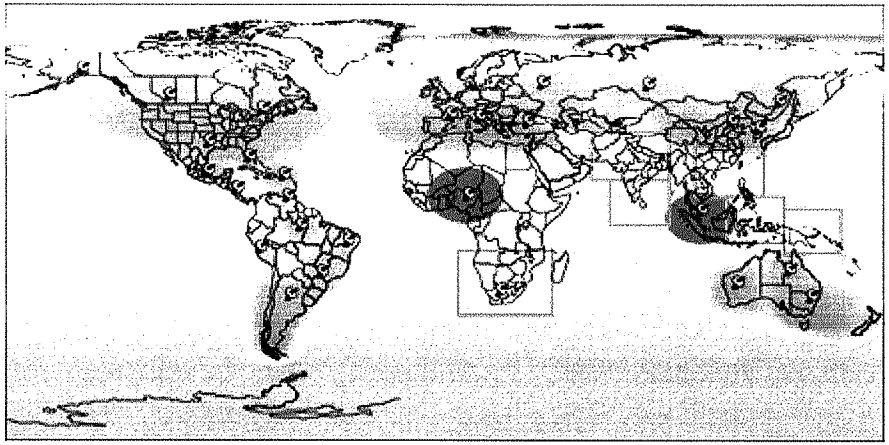
Voice & Duplex Data Coverage

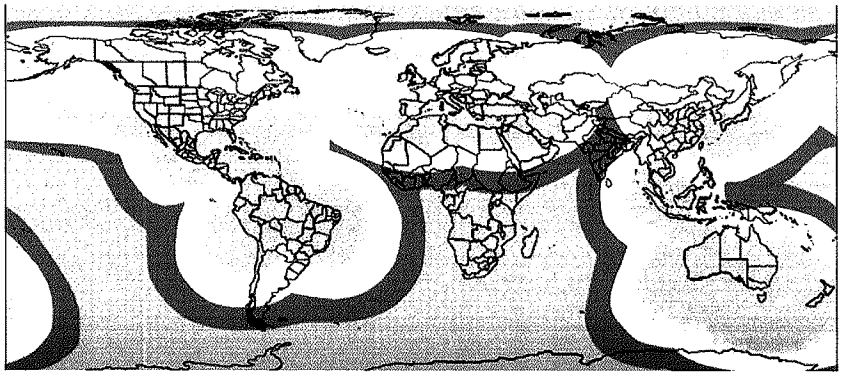


- **Primary Globalstar Service Area**
- **Fringe Globalstar Service Area**
- **Extended Globalstar Service Area**
- **Anticipated Future Coverage Areas for Nigeria / Singapore [1] Gateways. Outlines indicate areas under consideration.**

Gateways

- 26 gateways located across the world (13 are owned by Globalstar and 13 by IGOs)
- New gateway in Nigeria opened in November 2009 for Simplex services

SPOT™ Coverage Map



- 99% or better probability of successfully sending a single message within 20 minutes.
- 96% to 99% probability of successfully sending a single message within 20 minutes.
- Reduced or no coverage available within a 20 minute period.
- No coverage in this area.

Estimated coverage area. Actual coverage may vary. Success rates are forecasts for a SPOT Satellite Messenger to successfully deliver a single message during a 20-minute period, based on network availability. Additionally, in everyday conditions it is normal for some messages to be blocked by the environment.

Note: Depictions of anticipated future coverage areas are conceptual estimates only. Actual geographic coverage areas may differ once future gateways are installed and become operational.

(1) Currently, Singapore and Nigeria gateways provide simplex service only.

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New Credit Facility and Equity Investments
Closed June 30

- Total of US $738 million of new financing to fund manufacture and delivery of 48 satellites, first four launches and development of Second Generation ground technology
  - US $586 million credit facility funded by bank syndicate and supported by credit insurance from Coface, the French credit export agency
  - US $60 million from Thermo Funding
  - US $46.8 million from Thermo Funding for debt service reserve account
  - Raised US $55 million in a registered direct equity offering (US $10 million more than required by Coface facility)

Second Generation Satellite Constellation Overview

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Overview

- First Generation constellation currently consists of 48 LEO satellites
- Second Generation constellation deployment (24 satellites) to begin mid-2010
- New constellation life expectancy of 15-20 years and allows for additional functionalities including higher data speeds
- Second generation core network will have 32 satellites, which include 8 spare satellites from First Generation launched in 2007
- Second generation constellation will be registered through France although Globalstar remains a U.S. company

Investment

- Contract signed with Thales Alenia Space to construct 24 LEO satellites and a deferred delivery schedule for 24 additional satellites to extend the overall constellation lifespan (cost for assembly and delivery of 48 satellites is €669 million)
  - Two thirds of the way through development and construction, with satellite deliveries scheduled to start Q2 ~~Q1~~ 2010
  - Current products and services backward compatible with the Second Generation
- Arianespace launch services contract signed for $216 million for the launch of 24 satellites
- Hughes Network Systems ($100 million) and Ericsson Federal ($23 million) designing ground segment and chips
- Selection of customer communications equipment manufacturer to be finalized in 2010

Second Generation Satellite Constellation and Ground Infrastructure

Comparison of Satellite Constellations

	First Generation	Second Generation
Satellite Life (years)	7.5	15
Cost per satellite [1]	~$20mm	~$18mm
Data Speeds		
Uplink	9.6 kbps	256 kbps
Downlink	9.6 kbps	256 kbps
System Throughput	-	+ 40% higher
Supporting Network	CDMA	IP-Based, WCDMA
Handset/ Devices	Dual-mode, cellular frequency	Quad-mode, multi-frequency
Supported Applications	Voice, Text	Voice, SMS, Push to Talk, Video

Comparison of Ground Infrastructures

	First Generation	Second Generation
Highlights		All IP based ground infrastructure with IMS solution
	Extension of IS-95	Extension of W-CDMA to satellite applications
	Circuit switch voice and data	VoIP w/ separate bearer channel
	Packet switched data	W-CDMA Packet data
	Operates in 20 ms frames	Operates in 40 ms frames of (4) 10 ms time slotes
Channel bandwidth	1.23 MHz	1.23 MHz
Normalized Voice/ Data Capacity		~40% higher than Gen 1
Data Speeds		
Uplink	9.6 kbps	256 kbps
Downlink	9.6 kbps	256 kbps
High Penetrating Alert	No	Yes
Supported Applications	Voice, Text	GPS, Voice, SMS, Push to Talk, Video and Voice Broadcasting

(1) First Generation cost shown in current dollars, assuming 2% inflation rate.

Second Generation Modification and ATC Waiver

Constellation Modification

- Complex transition from Globalstar-1 to Globalstar-2
- Special temporary authority application for transition pending since July 2007
- FCC actions necessary to support transition to Second Generation constellation

Ancillary Terrestrial Component

Open Range Overview

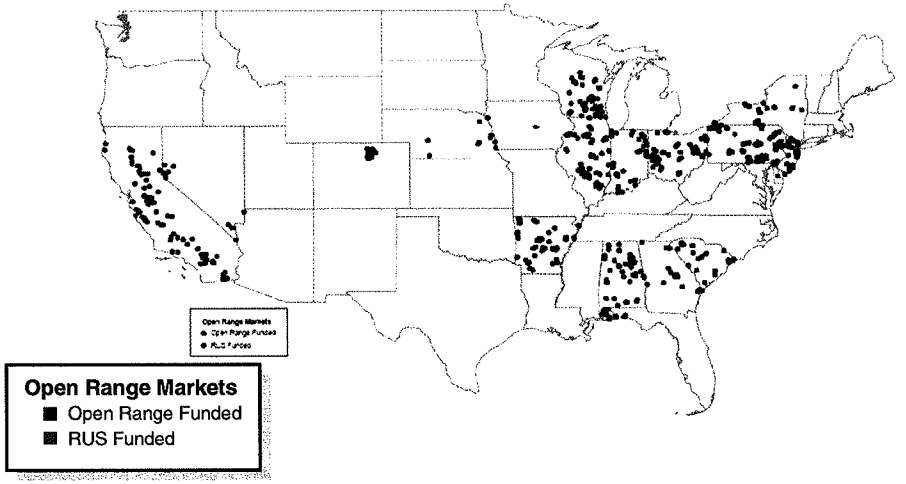
Together, Globalstar and Open Range will bring broadband service to unserved/underserved areas, consistent with the FCC's goals in formulating a national broadband plan

Open Range will offer integrated mobile satellite and terrestrial wireless WiMax services to over 500 rural American communities under the Company's ATC authority, initially covering 6 million people with an option to go up to 50 million

-Deployment will focus primarily on rural communities which currently average approximately 10,000 residents

-Deployment: five markets as of Nov. 2009; 32 as of Apr. 2010; 129 as of July 2010

Target Markets



Open Range Capitalization

In January 09 Open Range announced it had secured a total of $376 million in funding including $100 million equity from One Equity Partners (OEP), the private equity arm of JPMorgan Chase & Co.

- Open Range has applied for stimulus funding for non-RUS markets

ATC Milestone Extensions

- ATC Authority Expires July 1, 2010 unless two-way MSS service meets the coverage requirements of section 25.149(b)(1)(iii) of the rules and there is at least one in-orbit spare

- ATC Authority Expires July 1, 2011 unless Globalstar is providing two-way MSS service to customers via a dual-mode MSS-ATC terminal

- Globalstar is requesting a 16-month extension based on *force majeure* events

- Globalstar and Open Range are doing exactly what they promised to do – provide wireless broadband service to rural America.