



Iridium Delivers the World

SOT Session, Geneva

21st May 2009



RELIABLE • CRITICAL • LIFELINES

Iridium Everywhere

The One True Global Network

Anyone can promise you the world. Only Iridium can deliver.

- The only truly global voice and data communications service
- 66 LEO cross-linked satellites
- A single subscriber device works worldwide
- Reliable, low latency connection
- Highly secure, available network for robust voice & data services

Worldwide Coverage



1 Month's Commercial Activity

Iridium Satellite LLC

Global Company, Global Focus

Iridium has staked its claim as the world's only *truly* global mobile satellite communications company.

- Infrastructure and support located around the globe
 - Corporate Headquarters: Maryland, USA
 - Regional Sales offices in Europe, Asia and South America
 - Satellite Operations Center: Virginia, USA and Arizona, USA
 - Earth Gateways Stations: Arizona, USA, Alaska, USA and Svalbard, Norway

Focusing on the Future

We're a Fast Growing Industry Leader

Iridium has a bold vision of global leadership. And we are making it happen every single day.

- Continued solid financial performance
- Consistent growth in revenue, subscribers and partnerships
- Iridium to combine with GHQ Acquisition Corporation (GHQ)
 - Announced September 23, 2008, expected to close in 2009
 - Will continue to do business globally as Iridium
 - Provides an initial source of funding for NEXT
 - Takes Iridium public on NYSE



Focusing on the Future

Iridium NEXT – Unleashing the Power of Opportunity


We are constantly innovating and finding new ways to expand the possibilities.

- Next generation constellation on schedule to begin launching in 2014
- Maintains today's 66 cross-linked satellite LEO architecture
 - Unmatched global coverage, security, availability
 - Backwards compatibility for existing Iridium customers
- Offers enhanced services
 - Improved data rates, quality of voice service
 - Enhanced IP-based performance and subscriber technology
 - A new communications platform for space applications
 - Hosted payloads: Unprecedented capabilities



Iridium Devices

Ready to work anytime and everywhere you need it



Short Burst Data	OEM Transceiver	Shipboard/Rig/ Fixed Equipment	Satellite Handheld Phone
Track your interests everywhere – simply and reliably	Voice and data asset tracking – its what's inside that counts	Finally the “open ocean” really is open	The tough customer chosen by even tougher customers
<ul style="list-style-type: none">• Environmental monitoring• Pipeline monitoring• Distress and alarm• GPS compatible• Asset tracking	<ul style="list-style-type: none">• Maritime Safety• Flight Tracking and Monitoring• Land and Mobile Military Operations• Voice and Data Communications	<ul style="list-style-type: none">• Easy to install• No moving parts• Supports prepaid calling	<ul style="list-style-type: none">• Voice and data communications anywhere in the world• Just like dialing a GSM phone

Global Data Delivery

We're simply the data pipe for hundreds of innovative applications operating from all corners of the planet

- Data collection
- Delivery
- Real time
- Acknowledged
- A few bytes to now, multiple megabytes
- Globally and pole to pole



USAF Tactical Meteorological Observation System

Innovation that Promotes Safety and Preparedness

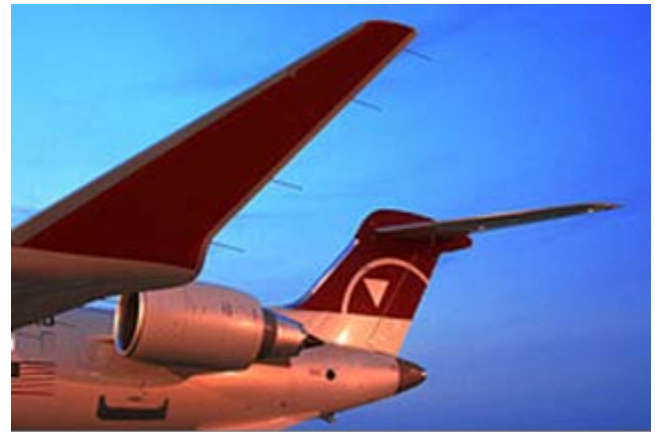
- U.S. Air Force deployed over 280 tactical meteorological data collection systems (AN/TMQ-53 Tactical Meteorological Observing System [TMOS]) using embedded Iridium data modems to provide near-real-time weather data to war planners and decision makers
- The AN/TMQ-53 TMOS is a collection of weather sensors connected to a computer and an Iridium data modem.
- Its modular design allows deployment as a stand-alone suite of sensors or fully automatic suite, in a basic or enhanced package.



TAMDAR Units on Regional Passenger Aircraft

Innovation that Promotes Safety and Preparedness

- Iridium partner, AirDat LLC, has equipped more than 400 aircraft with its Tropospheric Airborne Meteorological Data Report (TAMDAR) sensors to provide near complete atmospheric data reporting of the continental U.S.
- TAMDAR sensors measure humidity, wind, pressure, temperature, icing and turbulence conditions every 300 ft. as the aircraft climbs to cruising altitude
- Built-in GPS receiver outputs position, time and altitude and observations are transmitted to the AirDat data center in real time via Iridium
- AirDat can remotely program TAMDAR units using the Iridium two-way data link.



SITHOS Buoys

Innovation that Promotes Safety and Preparedness

- Iridium SP Marlink provided data links for remote buoys measuring ice thickness in the Arctic Ocean to help detect climate change at high latitudes
- Buoy contained sophisticated 2-axis tilt sensors that measure the resonant frequency of deep-water waves under the ice
 - Typical waves are 300 meters long & only 1 millimeter deep
 - Raw tilt-meter data transmitted at set intervals via Iridium
 - Buoy acquires & transmits up to 5 hours of data for each measurement.
 - By analyzing the movement of the waves, scientists can make estimate thickness of surface ice



NOAA Tsunameter Buoy

Innovation that Promotes Safety and Preparedness

- With partner, NAL Research, Iridium provided satellite data links for a system of 31 ocean buoys that the NOAA National Data Center deployed to detect and monitors tsunami waves in the open ocean
- The second-generation Deep-Ocean Assessment and Reporting of Tsunamis (DART II) system consists of pressure-sensitive tsunameters on the seafloor, & buoys on the ocean surface.



Drift Buoys

Innovation that Promotes Safety and Preparedness

- The Joint World Meteorological Organization and Intergovernmental Oceanographic Commission of UNESCO conducted sea trials of Iridium-based devices on oceanographic drift buoys
- The test plan called for at least 50 Iridium units to be built and deployed on drift buoys in all ocean basins, including the Polar Regions.
- A number of Iridium Value-Added Manufacturers and Resellers participated in the DBCP project, including NAL Research Corporation, Metocean and Trident Sensors.



Undersea Gliders

Innovation that Promotes Safety and Preparedness

- University of Washington developed an underwater glider to gather and record undersea temperature, salinity and current measurements.
- Sea Glider cruises underwater and rises to the surface at programmed intervals to transmit recorded data and accept new instructions through the Iridium network.
- Recent deployments included the Faroe Islands near Iceland, where global climate change is affecting the local cod population.



Iridium Everywhere

The Facts Speak for Themselves

Delivering the world without limits, without compromise and without exception

Iridium covers every inch of the Earth's surface

Iridium is unmatched for secure, real-time services and network availability

Iridium manufactures rugged, reliable and easy to integrate devices

Iridium is advancing the way global enterprises do business

Iridium is growing, profitable and on-track to launch Iridium NEXT





THANK YOU

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