

Three circular icons arranged vertically on the left side of the slide. The top icon shows a hand holding a mobile phone. The middle icon shows a white ship on a dark sea. The bottom icon shows a white airplane in flight.

# WBU-ISOG Forum Tunis

**3<sup>rd</sup> October 2010**

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Inmarsat**

# Agenda

- ➔ BGAN Network Performance
  - Haiti
  - Chile
- ➔ Alphasat
- ➔ Streaming service update
- ➔ IsatPhone Pro



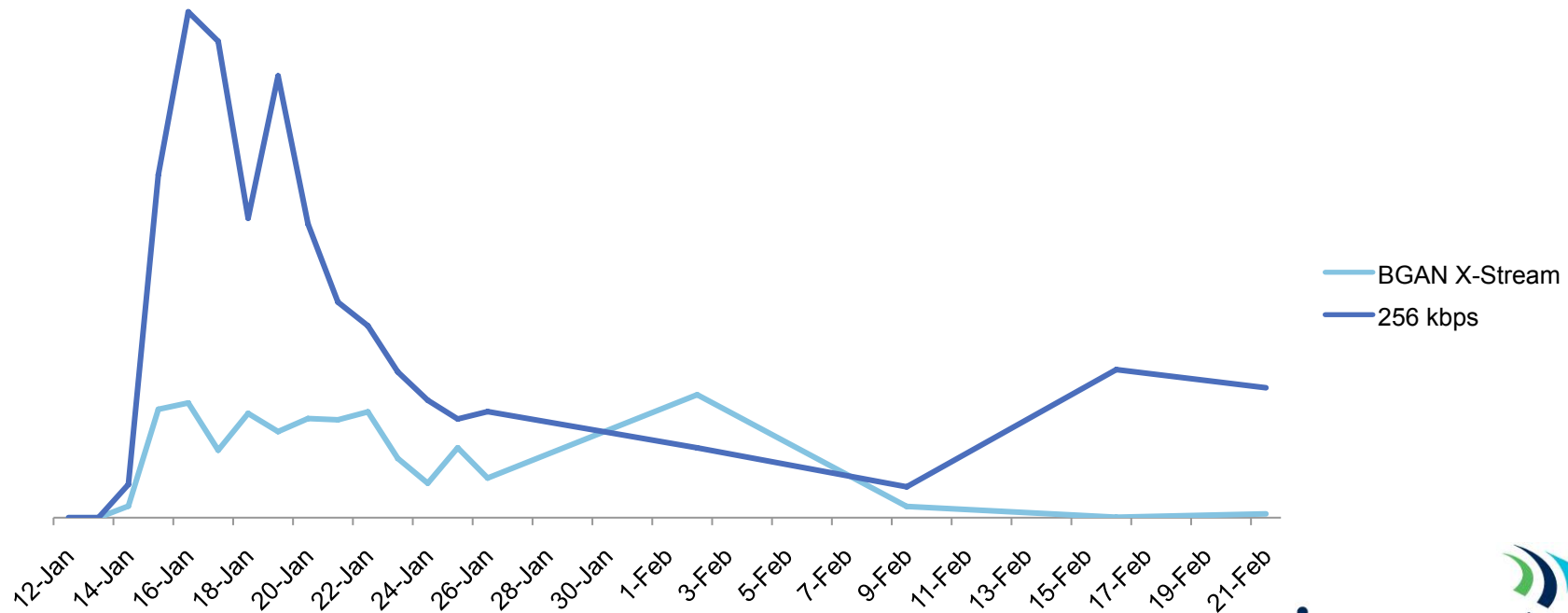
# BGAN network performance

## Managing the Inmarsat-4 network under high demand

- ➔ Historically, BGAN users have sometimes faced challenges in areas of high demand
  - Unable to obtain requested streaming IP connections
  - Low throughput on standard IP service than typically experienced
  - Network registration issues
- ➔ During previous ‘high-demand’ events, Inmarsat has lacked visibility of potential BGAN usage, predominantly by broadcasters, and its consequent impact on the I-4 network
- ➔ Based on these past experiences, we have worked hard to ensure increased levels of user demand can be met

# Performance Summary - Haiti

- ➔ Provision of High Rate Streaming Services
  - Peak provision when Media teams arrive on site
  - 256kbps main streaming service used although good levels of usage seen for BGAN X-Stream
  - Negligible congestion experienced



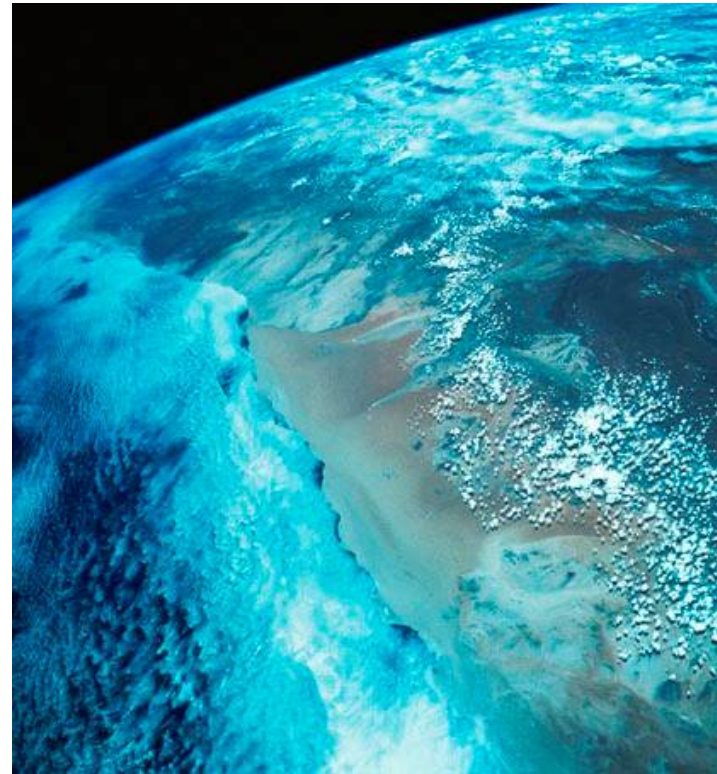
# BGAN Spectrum Allocation/Demand – Haiti

- ➔ Capacity demand in cluster grew over 550%
  - ➔ Initial provision supplemented:
    - ➔ Optimisation of E&E frequency plan
    - ➔ Collaboration with other operators
    - ➔ Re-purpose of some lease capacity on temporary basis
- ➔ Minimal Congestion encountered
  - ➔ Channel Availability exceeded 99.4% throughout

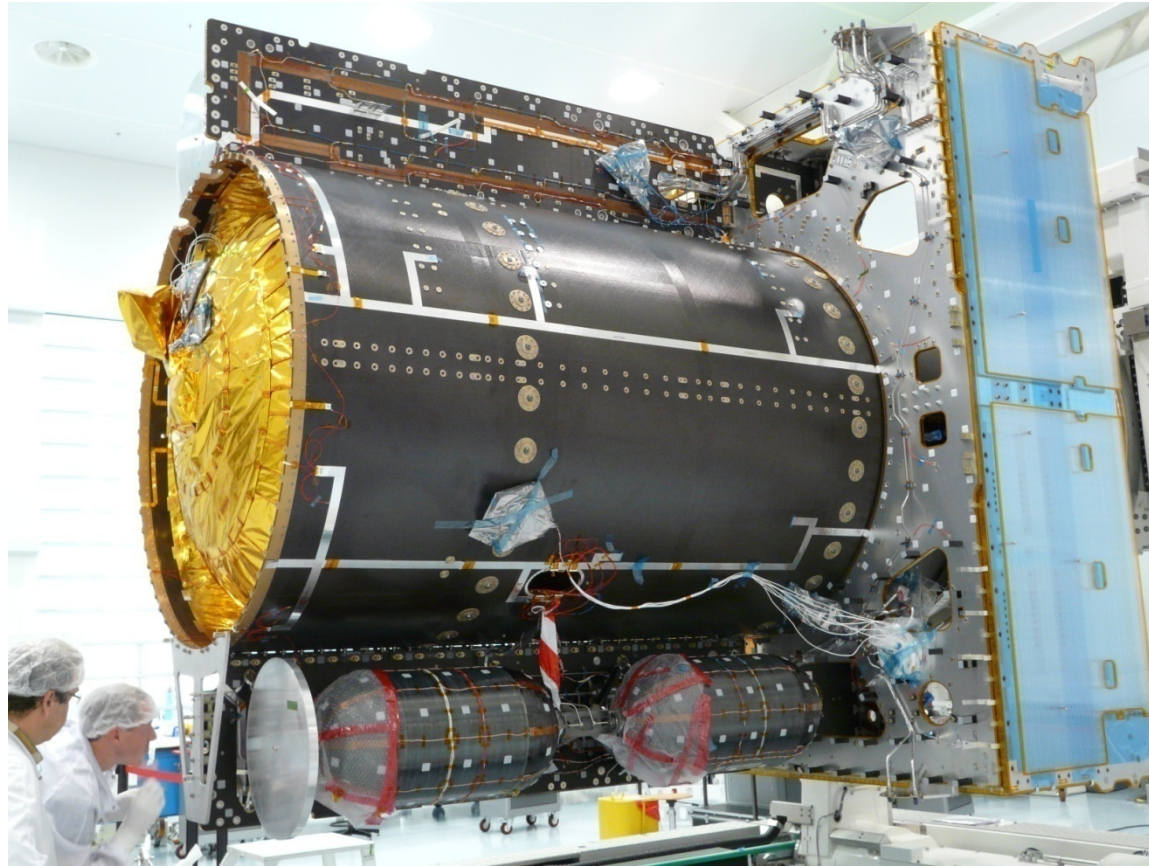
# Alphasat

## Groundbreaking addition to the I-4 constellation

- ➔ European Space Agency project
- ➔ Inmarsat selected as the commercial operator
- ➔ Advanced L-band satellite to supplement the Inmarsat-4s
- ➔ Access to additional spectrum over Europe, Africa and Middle-East
- ➔ Launch estimated for late 2012



# On schedule and world-leading



Inmarsat confidential



## Alphasat – Launch Vehicle

- ➔ Alphasat is compatible with:
  - Ariane 5
  - Atlas 5 series 531
  - Proton
- ➔ Alphasat will fly on Ariane 5.
- ➔ Launch Service contract signed in May 2009





# Adoption of BGAN X-Stream™

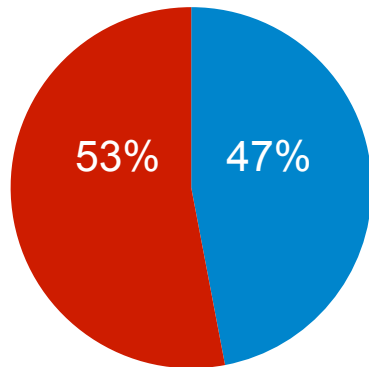
## Activity since CSI

- ➔ BGAN X-Stream has performed well since CSI
- ➔ Revenues are currently tracking at double the forecast
- ➔ Growth largely driven by media sector which currently accounts for ~90%
- ➔ Highest take-up has been in the Asia-Pacific region
- ➔ Trend suggests that BGAN X-Stream use is gaining momentum relative to Streaming 256kbps traffic

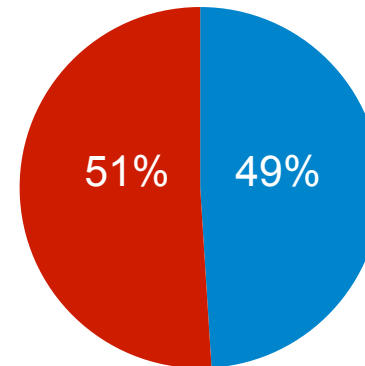
# Uptake of BGAN X-Stream

A true success story

South Africa



Thailand



- ➔ Higher percentages of BGAN X-Stream traffic suggest Media customers have a preference for it when broadcasting news-worthy event

# IsatPhone Pro

Inmarsat's first global handheld voice service



Satellite telephony



Voice mail



Text and email messaging



GPS location data



Bluetooth hands-free

# Questions