



Inmarsat – Satellite, network & service update

WBU-ISOG Meeting, Atlanta

June 2008

**Frank August, Director
Business Development -
Americas**

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- ➔ Inmarsat satellite & network update
- ➔ BGAN streaming portfolio
- ➔ Responding to events
- ➔ Questions/discussion



Inmarsat satellite & network update

- ➔ Inmarsat-4(F3) Launch Status



Inmarsat satellite & network update

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- ➔ I-4 satellite repositioning, likely near end of 2008

Current I-4 coverage

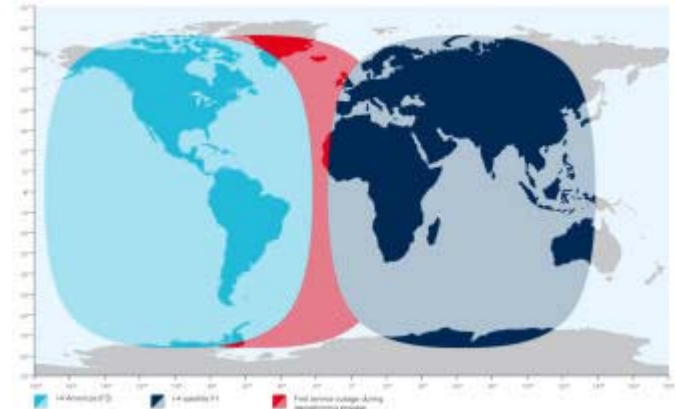


Post repositioning



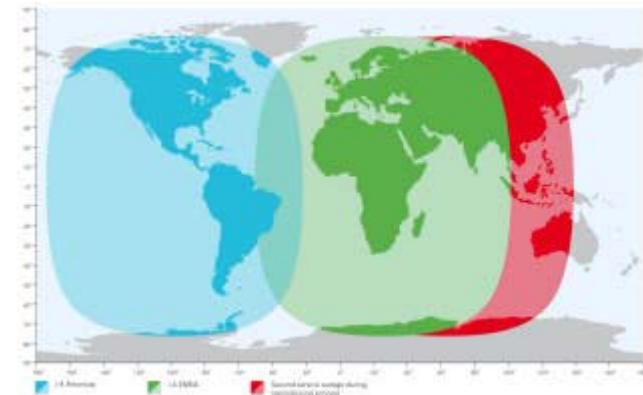
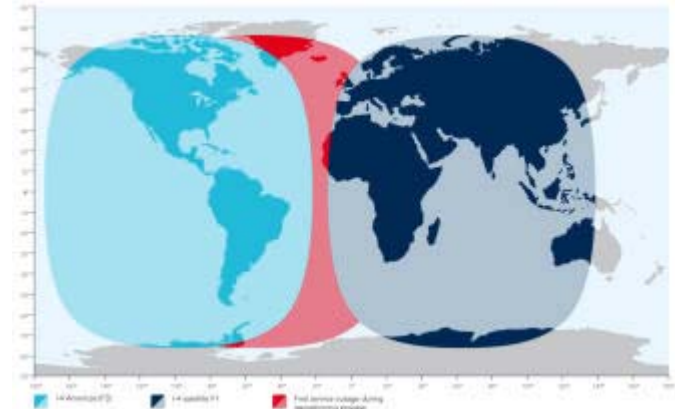
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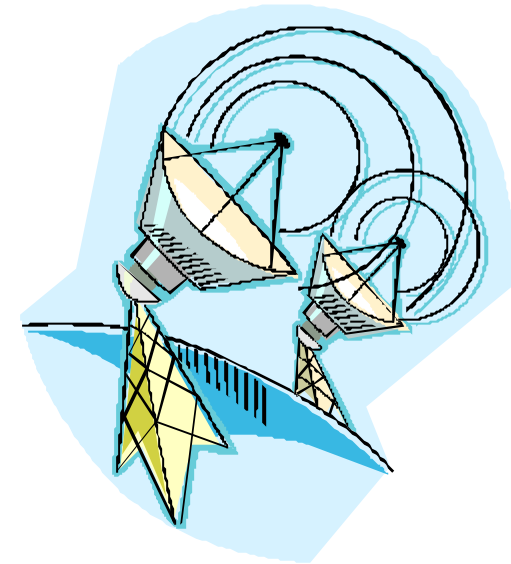
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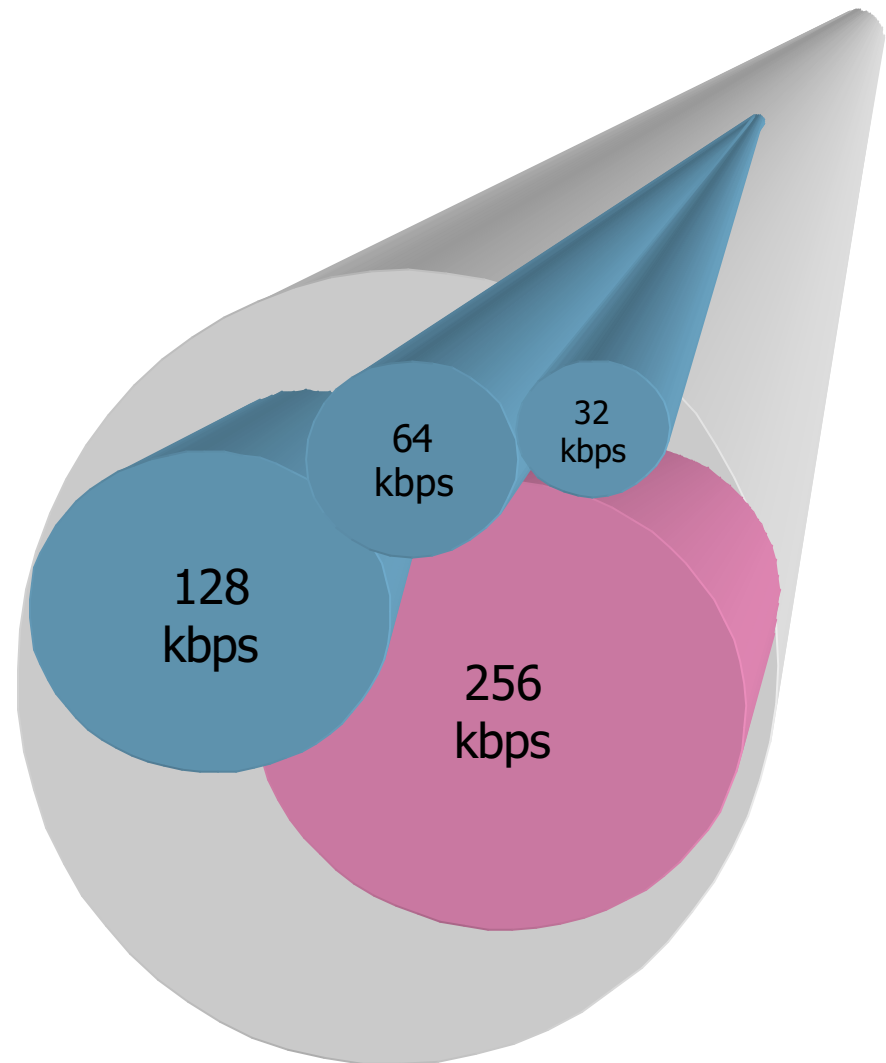
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- ➔ MSV spectrum coordination and licensing



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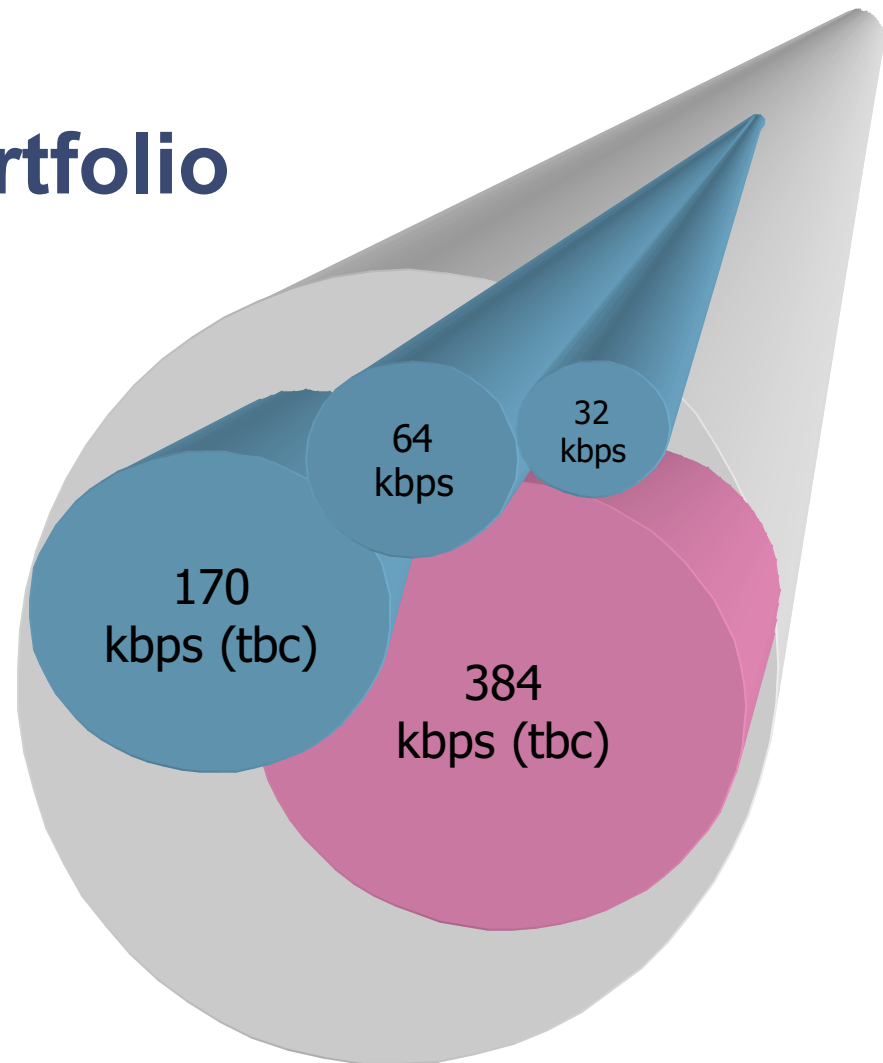
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BGAN Streaming Portfolio

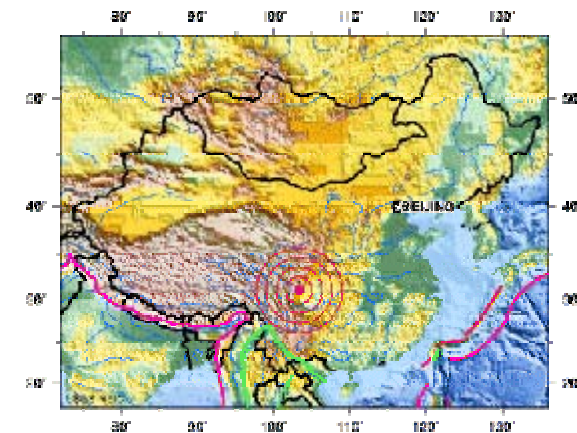
Class 1 terminals only

- ➔ Inmarsat is considering two new classes of streaming IP service to replace 256kbps & 128kbps
- ➔ 384kbps provides 'step change' improvement for video streaming
- ➔ 170kbps provides significant improvement over 128kbps
- ➔ Web interfaces & limited firmware upgrades required
- ➔ Demand assigned



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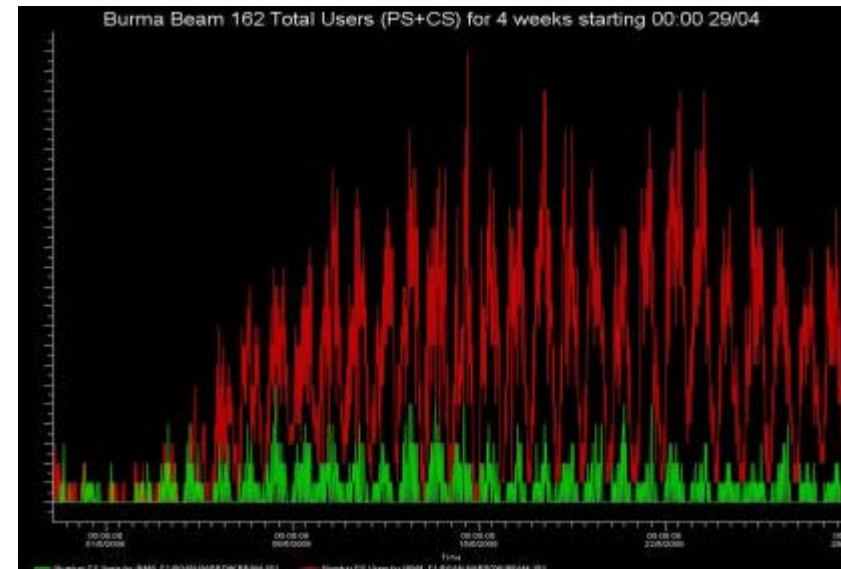
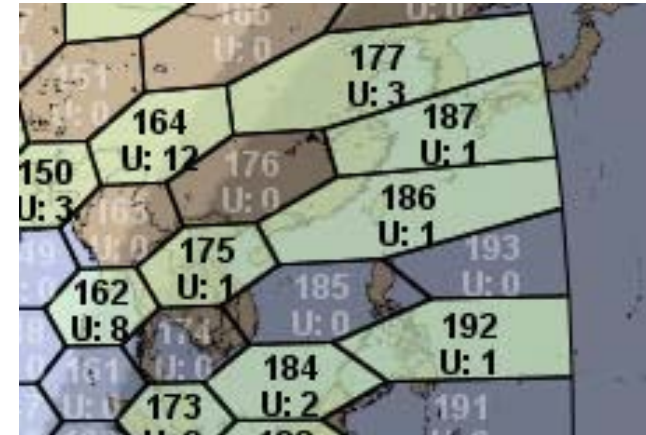
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EASTERN SICHUAN, CHINA
2008 09 12 06:28:01 UTC 30.58N 109.31E Depth: 19 Km Magnitude: 7.9
Epicentre Location

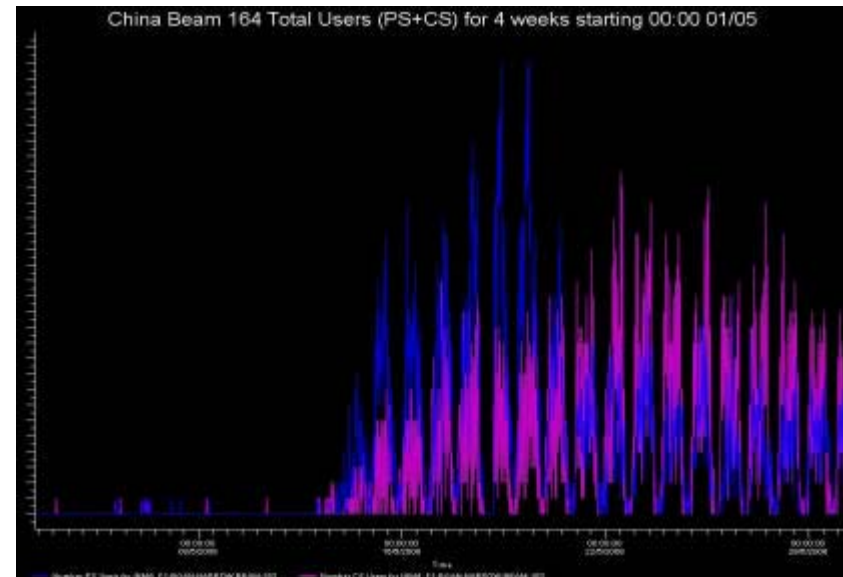
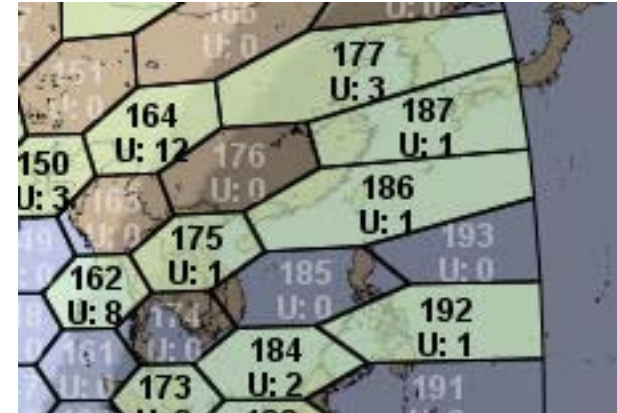
BGAN coverage and traffic over Myanmar

- ➔ Cyclone largely in Beam 162
- ➔ Rapid deployment of BGAN and SPS
- ➔ Rapid growth of traffic over area
 - Limited by Government restrictions on foreign aid and access
 - Most users camp in neighbouring beams (161 and 175) for first days
- ➔ Gradual relaxation of restrictions
 - More journalists arriving in Myanmar
 - Beam 162 now has most traffic



BGAN coverage and traffic over China

- ➔ Epicentre in Beam 164
 - Neighbouring beams 176/177
- ➔ Rapid deployment of BGAN and SPS UTs
- ➔ Significant and rapid growth of traffic in region
- ➔ 10 DPs active in the region
- ➔ Chinese State Television carries live broadcasts by officials and Inmarsat receives special mention





Thank you

