



**March 2006 – Technical Sheet**

## **Transition I3 – I4 in the AOR (W)**

Inmarsat's F-2 spacecraft, commonly known as AOR (W), launched from sea on November 8, 2005. Successfully completing in-orbit testing at 8 degrees East during the week of December 12<sup>th</sup>, the satellite soon after began its scheduled drift to 53 degrees West – its operational location. January 11, 2006 at 11:00 UTC (6:00am EST) marked the completed transition of existing services to the new satellite.

Aero H and H+ will operate within the I-4 global beam. However, Aero I availability within the I-4 footprint is initially limited to 14 regional beams (see included maps). It is anticipated that the additional 5 beams will become operational during Q3 for a total of 19 regional beams.

Honeywell will be contacting customers and issuing a software-only Service Bulletin describing the implementation process to be able to support all 19 regional beams.

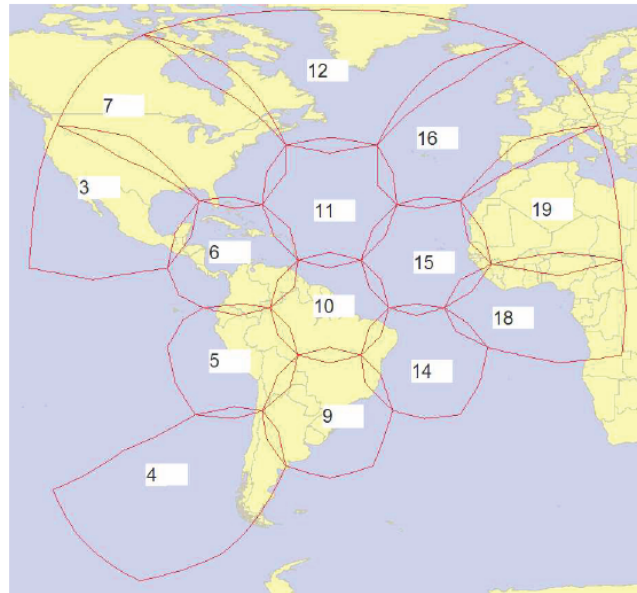
Rockwell Collins issued service bulletins for all SDU-906s and SRT-2000s that are spot beam capable to mitigate an isolated problem. The units may tend to reset one or more times when first exposed to a new spot beam table containing a large number of spot beams. Visit [www.SatcomDirect.com/Support/Downloads](http://www.SatcomDirect.com/Support/Downloads) for a copy of the Rockwell Collins service letter.

It is expected that the new Swift Broadband service will be commercially available in mid 2007. Swift Broadband will be capable of data speeds up to 432 kbps with simultaneous voice service. Research indicates that Satcom Direct's Aero X™ technology will function as seamlessly with Swift Broadband as is currently available with Swift64.

For the Land Mobile sector, Inmarsat anticipates BGAN Land Mobile service to become available for AOR (W) including western Africa and all of the Americas except Western Canada and Alaska on April 17, 2006.

**- more -**

## Initial Regional Beam Aero-I coverage AOR(W) (14 regional beams)

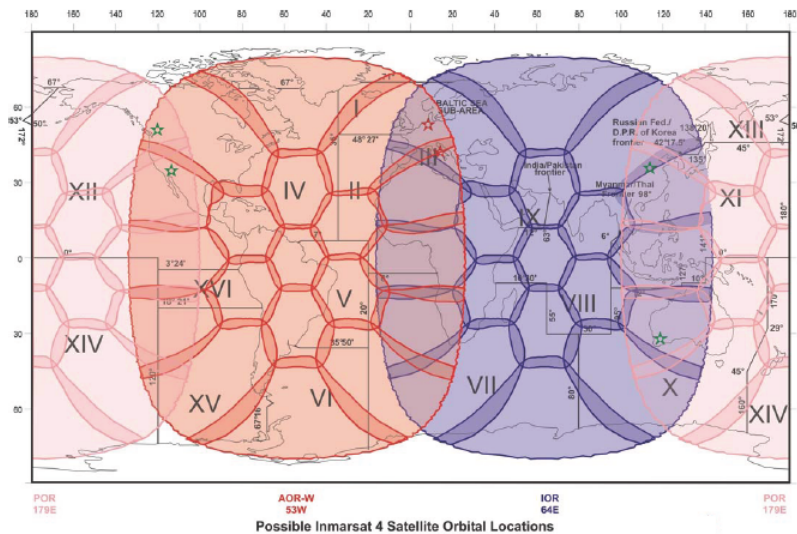


The map depicts Inmarsat's expectations of 5 degree elevation coverage but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuate depending upon a variety of conditions.

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## Proposed Inmarsat 4 Regional Beam Coverage 3 Ocean Regions (19 regional beams – desired end state)



The map depicts Inmarsat's expectations of coverage but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuate depending upon a variety of conditions. The launch of the 4F-3 satellite will be determined in due course.

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