

Technical Notification

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Reposition of satellites for TT3740A SAILOR 500, TT3742A SAILOR 250 and TT3722A EXPLORER 727.

Subject:

The Inmarsat I4 satellites used by SAILOR 500, SAILOR 250 and EXPLORER 727 are going to change position in order to provide global coverage. This will cause outage of satellite communication for the mentioned Thrane & Thrane terminals.

Also, when the Inmarsat I4 satellites are correctly positioned and operational, the respective names of the satellites will be changed.

It is recommended that the Sailor FB500/250 and Explorer 727 be updated to SW ver. 1.07.

Priority:

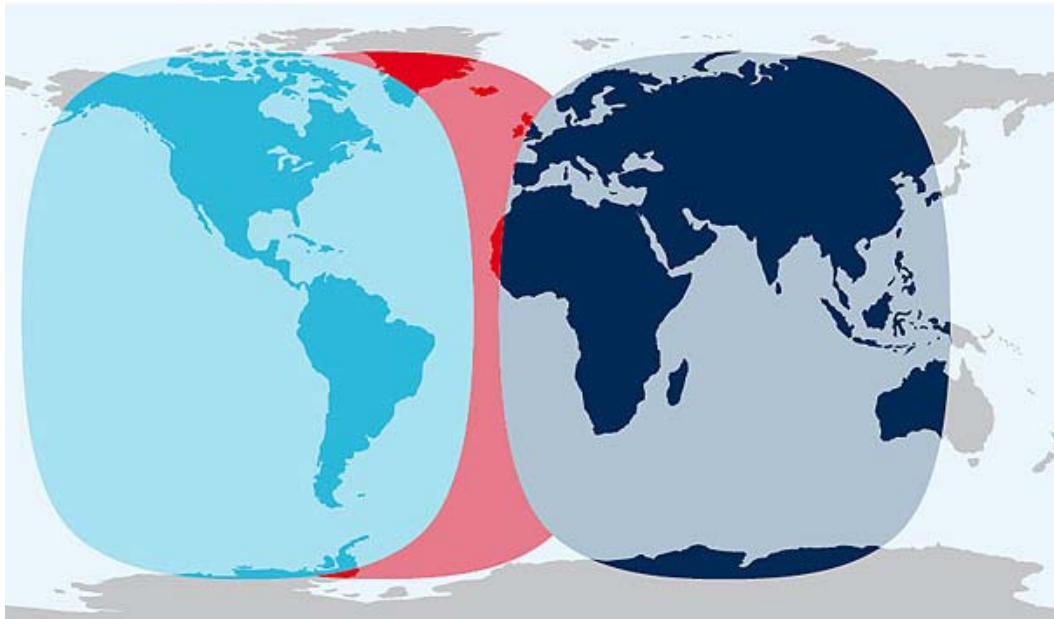
- **LOW:** For information purposes only – no direct action needed!

Identification:

The last of the Inmarsat I4 satellites the I4F3, launched August 18th 2008, is now in position and will soon commence the air traffic.

1. Temporary Operation Stage One:

From January 7th 2009 the first reposition will take place, causing impact on the now called AOR, Inmarsat I4F2, which will be moved to a new position at 25.0° east. During the repositioning period, the I4F2 satellite will be out of service. In this given period only I4F3, Americas (light blue), and I4F1, Indian Ocean Region IOR (dark blue), satellites are operative. This means that an area (marked red) will be uncovered for a period of approx. 4 weeks, see special coverage map below.

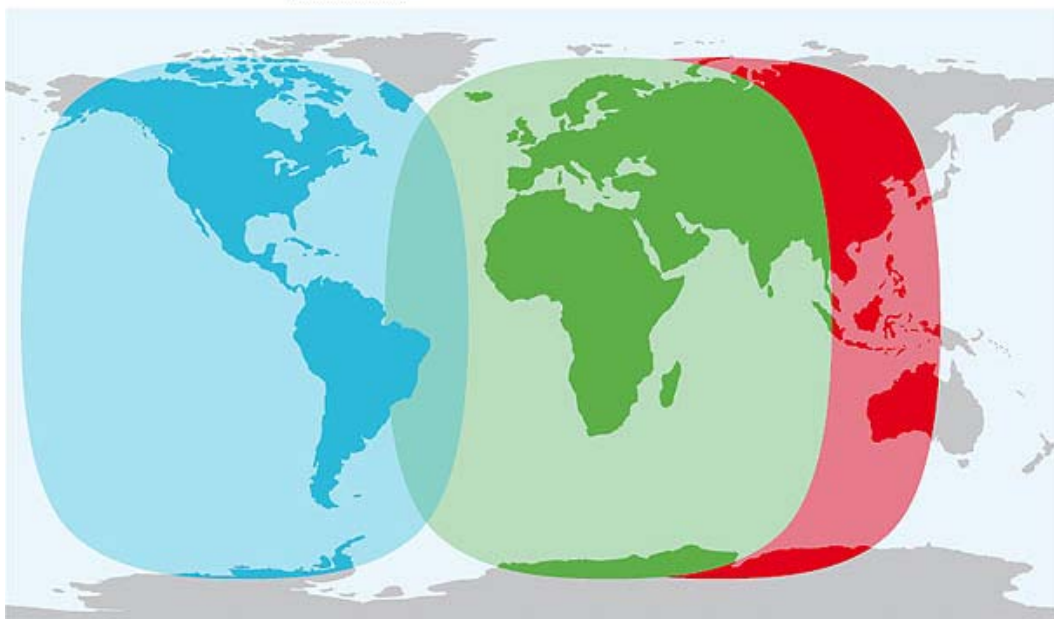


Coverage map 1 – Temporary AMER and IOR in operation.

Above Coverage map “Coverage map 1” show temporary situation from January 7th until February 6th

2. Temporary Operation Stage Two:

From February 6th 2009 the Inmarsat I4F2 (Marked green) will be at its new position for testing in order to be brought into operation. The new name for the I4F2 satellite will be EMEA (Euro-Middle East-Africa).



Coverage map 2 – Temporary EMEA and AMER in operation.

Looking at the coverage map above “Coverage map 2” it can be found that the service from AMER (light blue) and EMEA (green) will be fully operational, while

the IOR satellite will be out of service due to relocation giving an area (the red) that will be without coverage for a period of approx. 3 weeks.

3. Full Operation Final Stage



Coverage map 3 – Final Stage Full Operation

February 24th 2009 it is scheduled that I4F1 satellite is on its new position and been tested and brought into operation. The new name for the I4F1 satellite will be APAC (Asia-PACific).

The new coverage map, "Coverage map 3" shown above, provides the full coverage for SAILOR 500, Sailor 250 and EXPLORER 727, with the same limitations of the services as today. This means that the SAILOR 250 is not able to perform Streaming 256K or perform simultaneous communication of Circuit Switched services (Standard Voice, Premium Voice or ISDN) at the same time as a Streaming128K, or Premium Voice (3.1 KHz Audio) at elevation below 20°.

Please be informed that the dates are tentative, and the whole operation is controlled and in the hands of Inmarsat. If further questions, we therefore ask you please to contact Inmarsat.

Please also be informed that Thrane & Thrane will issue a new SW version, SW ver. 1.07, which will take care of the satellite frequency and new satellite position. Please look it up on our eSupport Download Center at http://esupport.thrane.com/index.php?_m=downloads&_a=view&parentcategoryid=372&pcid=369&nav=0,369.

Thrane & Thrane
After Sales Service

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