

# Digital Ship

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www.thedigitalship.com

## FleetBroadband goes global

February 24th 2009 marked the completion date for the repositioning programme of Inmarsat's three I-4 satellites - and the commercial introduction of global coverage for FleetBroadband

A little over fifteen months after the initial launch of Inmarsat's next-generation FleetBroadband service, the satellite operator's flagship communications system is now finally available on a global scale, with seamless coverage for vessels operating around the world.

At the time of writing Inmarsat has confirmed the scheduled global commercial availability of the satcoms service on February 24th, following the repositioning of the company's three-satellite constellation and transfer of all services to their respective spacecraft in their new operational regions.

Consisting of the most sophisticated satellites Inmarsat has ever produced, the I-4s, the network offers bandwidth speeds of up to 432 kbps to the deep sea merchant market, demarcated under three regions - Americas, EMEA and Asia-Pacific.

The repositioning of the I-4 F1 satellite, the first of the three satellites to be launched in March 2005,

was the final piece in the global network puzzle.

It began its journey to its new home at 143.5 degrees East on 6th February, following the successful transfer of all Inmarsat's broadband services to the I-4 F2 satellite, which is now the I-4 EMEA satellite.

Testing of the system was undertaken while the spacecraft was actually travelling to its new orbital location, meaning that Inmarsat was afforded the opportunity to have the system 'go live' almost immediately upon its arrival in position, and begin global commercial availability of FleetBroadband.

### Worldwide coverage

The global availability of the FleetBroadband system is something that Inmarsat has been building up to for almost three years, since the launch of that first satellite.

The land-based version of the system, known as BGAN (Broadband Global Area Network) was initially available over the

first two I-4 satellites, launched in March and November 2005 and covering the world's major land masses, but with no coverage over the Pacific Ocean.

The FleetBroadband service for the maritime industry was launched in November of 2007, ahead of the company's plans to launch a third I-4 satellite and make the service available across the globe.

A problem with an unrelated satellite launch by another company pushed back the scheduled April 2008 launch of that third satellite, but once the mission was finally completed, in August 2008, Inmarsat was finally in a position to begin moves to fill the coverage hole over the Pacific, and preparations for the satellite repositioning programme got underway.

Inmarsat is now hoping to see the take-up of its latest satellite communications offering accelerate as it reaffirms its position as a globally available maritime satcom operator.

"We were established as a global operator, and



The launch of the third Inmarsat I-4 satellite in 2008 brought the promise of global coverage for FleetBroadband

it's important for us to deliver our broadband services globally," said Piers Cunningham, head of maritime business at Inmarsat.

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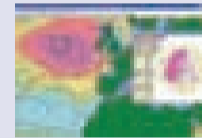
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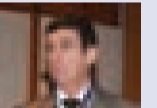
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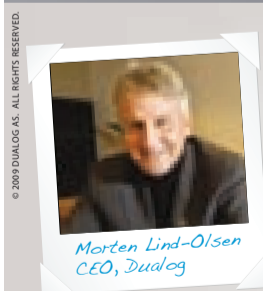
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## Congratulations, Inmarsat!

- on your contribution towards providing truly global broadband coverage.

The shipping community is facing a range of new and exciting opportunities. The challenge now is to take control and optimise usage. Working closely with early adopters of broadband, Dualog has developed Dualog® Connection Suite™ to meet the requirements of the new broadband era.

More than 20 shipping companies have chosen Dualog® Connection Suite™. Customer feedback applauds smooth installations, user friendliness and simplicity: "We can now plan hands-on with our ships as if they were branch offices," and last, but not least "we have taken full control over usage and cost!"



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Meet us at Digital Ship Oslo  
March 10 - 11 to learn more  
and receive a live demo!



# Chinsay signs license agreement for web-based application

www.chinsay.com

Swedish technology company Chinsay has announced that it has signed a license agreement with Cargill Ocean Transportation and BHP Billiton for the global use of its Chinsay Recap Manager Dry document management system.

The license agreement will allow the companies, and their brokers and counterparties, to create and manage fixture documents and charter parties online using the web-based application.

The system allows users to manage and supervise all their global chartering

agreements in one standard format, in secure storage, and can be integrated into existing operations and voyage management systems.

Chinsay says that approximately 40 ship-broking houses and over 300 individual users worldwide are already connected to the service, including Cargill, BHP Billiton and Koch Shipping Inc. The latest version of the system, aimed at the dry bulk shipping segment, has been successfully tested in close co-operation with Cargill, BHP Billiton and their main ship-brokers over the last 18 months.

"The web based system gives a quick

turnaround of essential contracts and documentation, and provides a good and simple solution for contract management," said Niels Wage, vice president freight at BHP Billiton.

"In the present environment we sometimes have to wait for months until the final contract is signed by both parties; the Chinsay system is a good tool that will help the whole industry getting more disciplined and organised; this is essential in today's environment."

Tom Beney, business development manager at Cargill, added: "The Chinsay Recap Manager has allowed us to improve effi-

ciency in the handling, storing and distributing of documents involved in our shipping contracts. We have found the Chinsay web-based Recap Manager product tackles an industry-wide challenge head on and leads us into the paperless environment."

"The product gives the users a simple, efficient way to create, organise and store their documents. The search function gives fast access to all data within the contract. Today Cargill Ocean Transportation is rolling this product out across all its global locations. Our goal is to have all of our freight contracts on the system within the next six months."

## Intergraph in DNV deal

www.intergraph.com  
www.dnv.com

Software company Intergraph is to begin reselling DNV's Nauticus Early Design software as part of its integrated SmartMarine Enterprise solution for ship and offshore platform design.

The SmartMarine system allows users to transition from the conceptual design and rules calculation phase of ship construction to the detailed and production design without the need to remodel.

Nauticus Early Design, which is based on Intergraph's SmartMarine 3D development platform with additional DNV classification rule calculations modules for the marine industry, is used for ship early design integrating 3D CAD and ship analysis systems.

It combines 3D modelling and drawing, integrated with Nauticus Hull for class rules check and finite element

analysis, Sesam and GeniE.

Early Design rule calculations are needed to receive class approval signifying that the offshore platform or ship construction proposed is of sound engineering and therefore applicable for insurance purposes. The rules are based on more than 100 years of experience gathered by the class societies.

"Our rules calculation and analysis modules combined with Intergraph's design platform provide an exceptional architecture to enable ship and marine designers to have a powerful new way to ensure safe designs with the speed necessary to meet today's demanding production deadlines," said Elling Rishoff, managing director, DNV Software.

Intergraph will offer Nauticus Early Design under a reseller agreement with DNV Software, an original equipment manufacturer (OEM) for Intergraph's SmartMarine 3D design software.

## Motia installs IMOS

www.veson.com

Motia Compagnia di Navigazione, based in Italy, has chosen to install Veson Nautical's Integrated Maritime Operations System (IMOS) at its Venice headquarters, with test installations of the IMOS OnBoard system also running on some of its vessels.

The companies say that they expect that the OnBoard system should be fully operational for all company vessels by the summer of 2009.

Motia is the technical manager for the Netherlands-based Seaarland Shipping fleet, which implemented IMOS last year. IMOS has been managing all aspects of cargo transportation for Seaarland's fleet, which includes 11 handymax product tankers, 3 panamax bulk carriers, 4 Aframax Tankers, and 3 Panamax tankers.

The fleet also includes 23 chartered tankers ranging from 35,000 to 160,000 dwt. Seaarland is currently embarking on

a new building programme which will eventually include 5 Panamax and 4 Minicape Bulk carriers, 3 Suezmax, 2 Aframax, 1 Panamax and 2 Product Handymax Tankers. Motia also has a new building plan which includes 2 Medium range and 2 handymax Product Tankers.

Most of the vessels are employed in pool partnerships with Handytankers and Aframax International.

The IMOS system allows Seaarland and Motia staff to share data while also contributing activity information to different databases. Both companies have one server each running the system, which need to allow access by different remote users as accounting for Seaarland and Motia is handled by different software packages.

Captain Roberto Zanca, global operations manager for Seaarland Shipping Management and Motia, remarked: "Last year, Seaarland sought an integrated, comprehensive solution to replace our existing software; we needed a consolidated package that could easily manage data input from various sources."

"Using IMOS, Seaarland has enjoyed increased efficiency, a significant reduction in manual labour and we have clearly seen a return several fold on the value of our overall investment. Because of the success we experienced at Seaarland, implementing IMOS at Motia was a logical choice, and so far we've been very pleased with the results."

**Infonic** reports that it is to use **Top Image Systems**, an intelligent document recognition company, as a technology partner in the provision of the Infonic document management system.

**MarineCFO** has released Enterprise Version 2.0 of its maritime software system, which the company says allows shipping companies to improve "integration and flexibility of the vessel to on-shore data communications, but also improve efficiencies of their personnel, maintenance, and financial management systems."

www.infonic-document-management.com  
www.marinecfo.com



www.digitalvideosystems.net

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