



NSSL Ltd has been in business for almost 40 years. We provide worldwide mobile satellite solutions to customers in the Marine, Oil & Gas, Offshore, Media, Government and Corporate sectors. As one of the largest satellite service providers in the world, we are able to offer the widest selection of terminal equipment and airtime tariffs, backed by 24 hours a day, 365 days a year support. NSSL offers Inmarsat, Iridium and Thuraya satellite equipment, airtime and services, as well as maritime broadband satellite solutions.

NSSL's headquarters are based in the United Kingdom with remote support offices located globally. NSSL's business is designed to meet all of our customers' needs as we offer them a "one stop shop" solution. NSSL provides the following services:

- Airtime Services
- Satellite communication equipment sales
- Thrane and Thrane Certified Partner
- Project design and developing solutions tailored to our customers' requirements
- Installation and integration where required into the corporate network
- Maintenance contracts and site surveys
- Electronic management
- Spares management, advanced replacement / hot swap
- 24 hours, 7 days a week customer service and technical helpdesk
- Global service & repair centres
- Dedicated intranet site for troubleshooting, tracking & billing services.

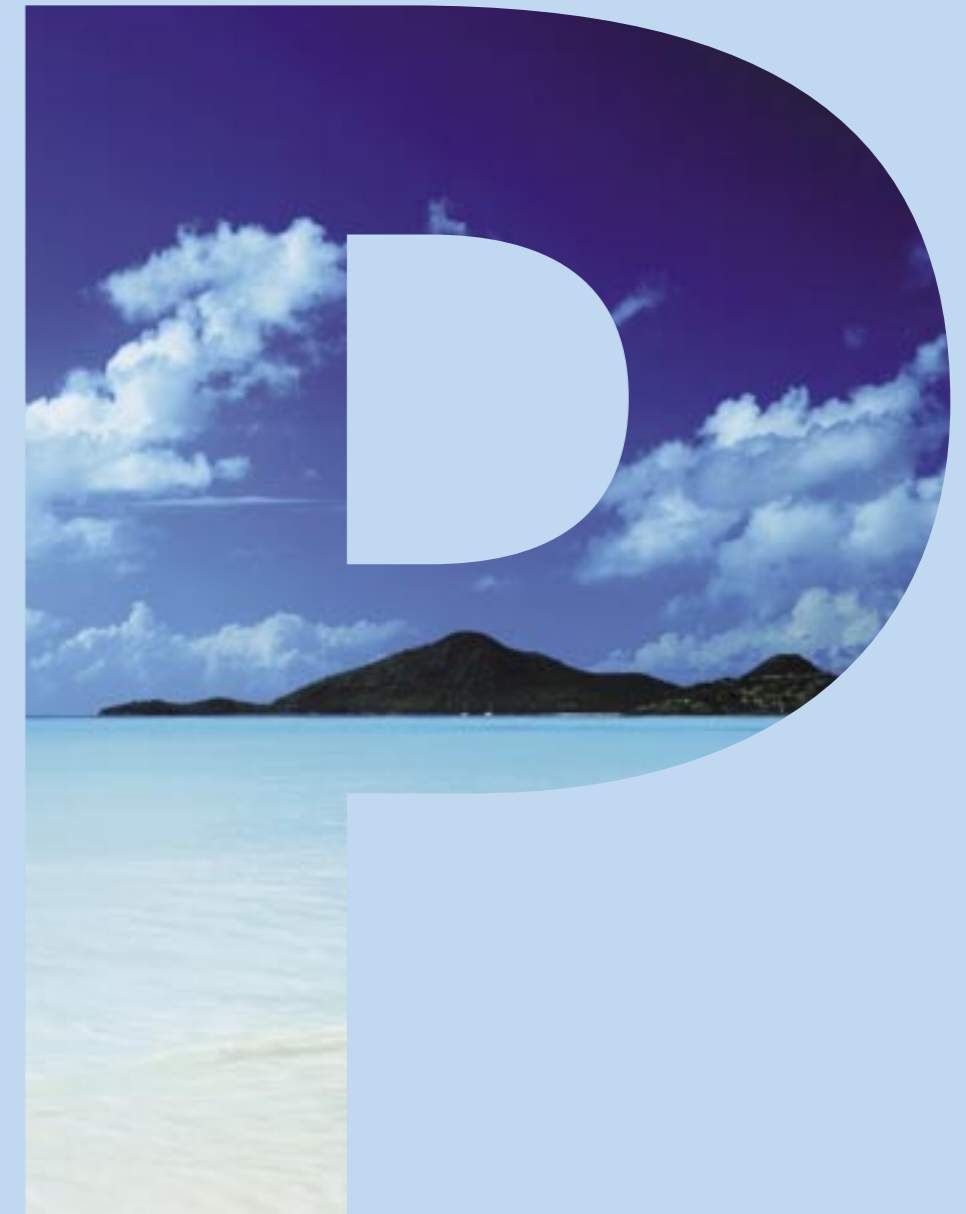


For more information on how an NSSL solution can help your business at sea, contact us on Tel: +44 (0) 1737 648800, or E-mail: enquiries@satcom-solutions.com

www.satcom-solutions.com

Cruise-IP LIGHT

Maritime Broadband from NSSL

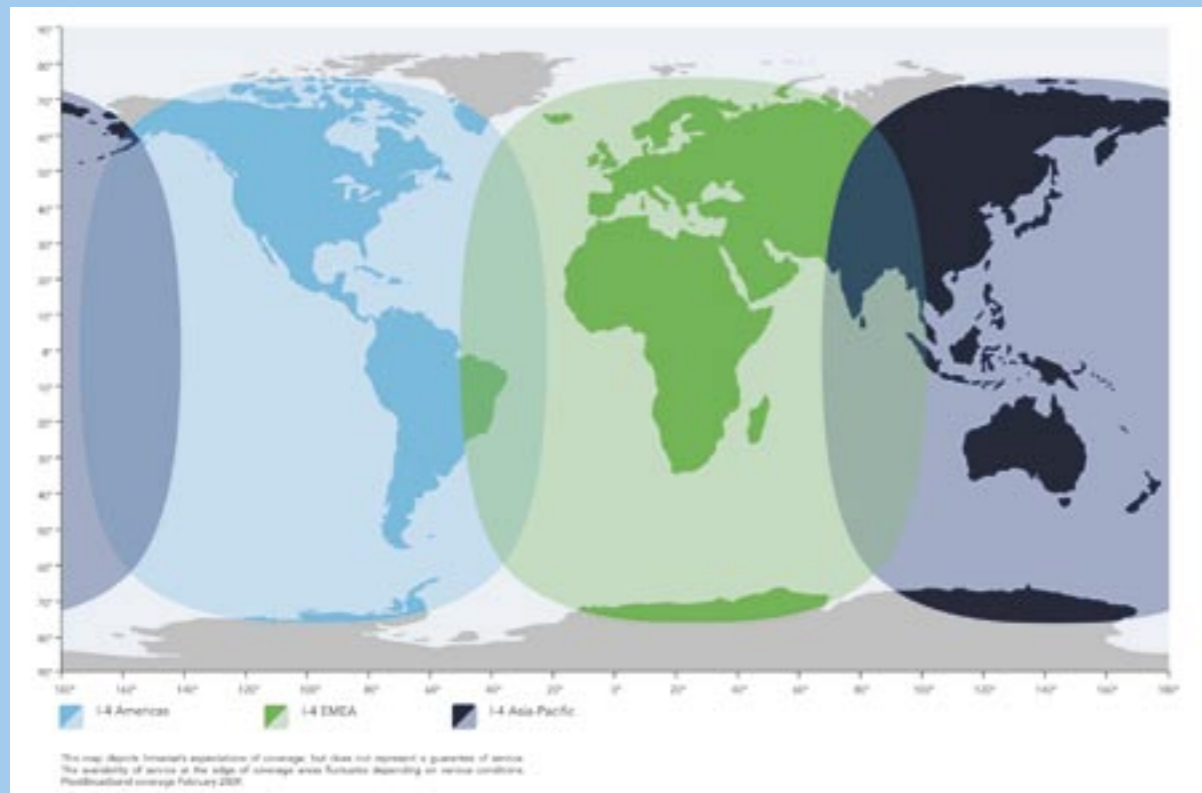


Cruise-IP Light is the first global* maritime communication service to provide simultaneous voice and high speed data services through a single compact device. Using the latest FleetBroadband technology from Inmarsat, **Cruise-IP Light** is the ideal broadband solution for vessels requiring “always on” connectivity, up to 432kbps.

Capabilities

- **Standard IP**
Up to 432kbps over a shared channel, for email, internet and intranet access.
- **Streaming IP**
Guaranteed data rates on demand up to 256kbps.
- **Voice**
Standard 4kbps and premium 3.1kHz audio voice services
- **ISDN**
Supports ISDN at 64kbps for legacy applications.
- **SMS text**
Send and receive text messages.

Coverage:



	FB150	FB250	FB500
HARDWARE			
Antenna Size	~27cm	~27cm	~57cm
Antenna Weight	~2.2kg	~3.9kg	~16kg
SERVICES			
Standard IP <i>(contended service)</i>	Up to 150kbps	Up to 284kbps	Up to 432kbps
Streaming IP <i>(dedicated service)</i>	-	32,64 & 128kbps	32,64, 128 & 256kbps
ISDN Data	-	-	64kbps
Voice		4kbps & 3.1kHz audio	
Fax	-	Group 3 Fax via 3.1kHz audio	
SMS	Standard 3G text messaging (up to 160 characters)		



Applications:

CruiseIP Light supports an extensive range of “off-the-shelf” software as well as specialised applications and is ideal for:

- Email and webmail
- Real-time electronic chart & weather updates
- Remote Intranet & Extranet Access
- Secure communications
- Large file transfer
- Crew communications
- Vessel/Engine Telemetry
- SMS & Instant Messaging
- Videoconferencing
- Store and forward video

