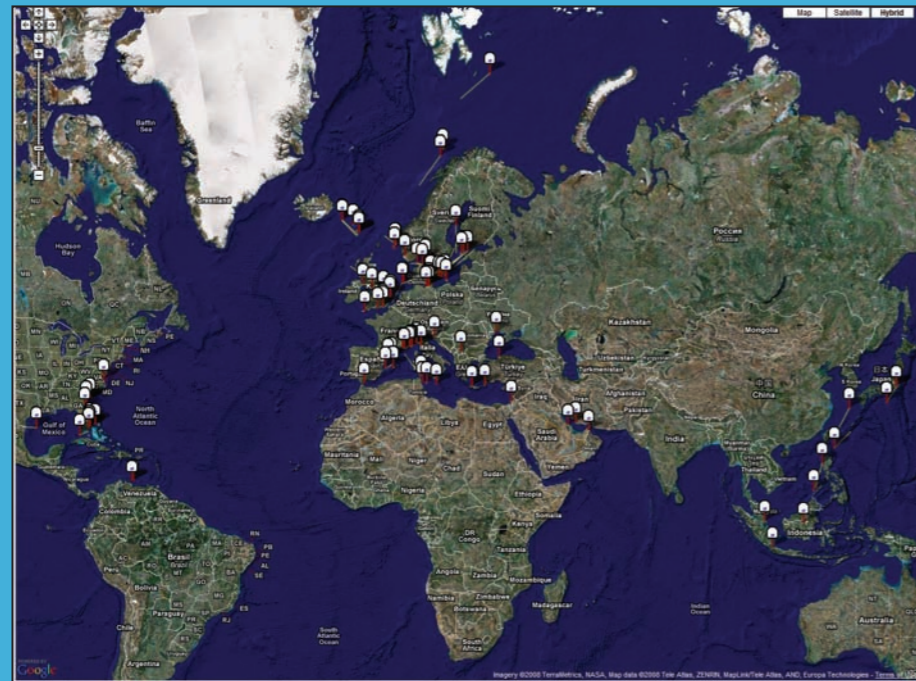




NSSL Ltd has been in business for almost 40 years. We provide worldwide mobile satellite solutions to customers in the Marine, Oil & Gas, Offshore, Media, Government and Corporate sectors. As one of the largest satellite service providers in the world, we are able to offer the widest selection of terminal 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.



* A sample of the NSSL Cruise IP Tracker Map



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

Maritime Broadband from NSSL



NSSL can now provide a high-speed maritime alternative to VSAT and Inmarsat. We use the latest DVBS2-RCS technology to provide on-demand internet access, always on connectivity and quality voice to support all passenger, owner and crew requirements, at a fraction of the running cost of traditional satellite communication.

NSSL's Ground Earth Stations

NSSL operates her own DVBS2-RCS ground earth stations in Florida, California and Norway; all hub components being fully redundant. As a result we are one of the few providers able to offer end to end service responsibility for our clients including continuous network monitoring, guaranteed service quality and on board Cruise IP equipment support no matter where in the world the vessel is sailing.

NSSL has one of the most extensive coverage areas in the industry and growing by the month. By mid 2009 we will cover all major sailing routes globally. Whatever the airtime package, customers will be able to move between our satellites and Land Earth Stations with the same airtime package and same fixed monthly price.



Service Guarantee

Unlike other broadband services, Cruise IP provides a guaranteed quality of service and bandwidth performance. We provide a number of airtime packages to suit individual requirements with speeds up to 3Mb. Our Standard Package Users can typically expect speeds in excess of 700kbps for over 90% of the time. We also recognise that an always on service directly into the internet has potential security implications and as a result we have the latest Intrusion Detection System which can be used in conjunction with the IT security you have implemented onboard to alert and prevent attacks whether from passengers or crew inside the vessels network or a malicious IT attack to the vessel from the Internet.

NSSL's Cruise IP equipment and on board support:

To enjoy our full extended coverage our customers only require a 1m antenna, and because of our Uplink Power Control and our investment in large antennae at the Land Earth Stations it allows our customers to utilize a standard 4 Watt BUC without forfeiting network availability or bandwidth performance.

For yachts where space is at a premium, or as a backup antenna for 360 degree coverage, we also offer our Cruise IP 60 antenna. At just 60 centimetres, this provides the same great service and speed within our key cruising coverage areas including Mediterranean, Caribbean and North America.

Both our Cruise IP and Cruise IP 60 systems include our Premium Voice modem, LAN switch, Universal LNB, and full installation kit and we automatically include 2 years onsite warranty within our price.

Comparison between Fleet 77, Fleetbroadband, Cruise IP and Cruise IP 60

	Antenna Diameter	Internet Speeds (IP Data)	Streaming Services	Voice Lines	RRP	Airtime Cost to send 1Gb per month	Voice Calls per minute
Fleet 77	108cm	Up to 64kbps	64kbps / 128kbps	1	\$19,000	\$ 25,000	\$1.50
Fleetbroadband FB250	25cm	Up to 284kbps	64kbps / 128kbps	1	\$13,995	~\$12,000	\$1.25
Fleetbroadband FB500	57cm	Up to 432kbps	64kbps / 128kbps/256kbps	1	\$21,500	~\$12,000	\$1.25
Cruise IP	100cm	Up to 3Mb / 512kbps	64kbps / 128kbps / 256 kbps / 512kbps (with plus packages)	Up to 4	\$56, 695	From \$1,950	\$0.25 (to US) \$0.30 (to Europe)
Cruise IP 60	60cm	Up to 3Mb / 512kbps	64 kbps / 128kbps / 256kbps (with plus packages)	Up to 4	\$42, 950	From \$1,950	\$0.25 (to US) \$0.30 (to Europe)

Cruise IP Broadband packages: The table below shows our Cruise IP broadband contended and fixed airtime packages.

Service	Maximum Burst Rate Inbound / Outbound*	Premium Voice
Economy	512kbps / 128kbps	No Lines
Standard	1Mb / 256kbps	1 Line
Premium	3Mb / 512kbps	2 Lines

* Rates shown are Maximum Burst Rate (MBR) - contended service 10:1

Cruise IP Plus Packages

These packages not only include a Maximum Burst Rate (MRB) but also include a Committed Information Rate (CIR), which means you have a minimum dedicated allocation for your vessel but with additional bursts up to the maximum burst rate.

Service	CIR	MBR
Economy Plus	64kbps / 64kbps	512kbps / 128kbps
Standard Plus	128kbps / 128kbps	1Mb / 256kbps
Premium Plus	256kbps / 256kbps	3Mb / 512kbps

Cruise IP Dedicated Packages:

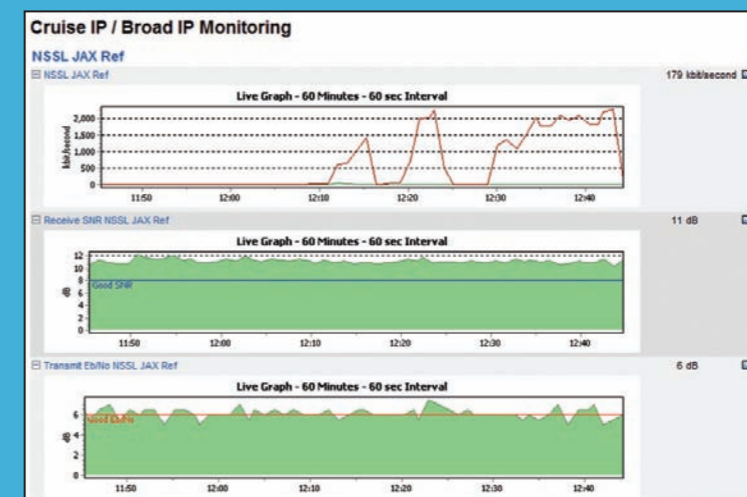
For those vessels that need a guaranteed throughput at all times, then NSSL offers dedicated airtime packages as follows:

Service	Dedicated
Economy Dedicated	512kbps / 128kbps
Standard Dedicated	1Mb / 256kbps
Premium Dedicated	3Mb / 512kbps

Additional Enhancements:

NSSL prides itself not just on its network and service management, but on the continual development of its Cruise IP products and services, including:

- Priority premium voice service for customers that require guarantee toll quality voice.
- Cruise IP 'Automatic Dual Antenna Switch', designed to overcome severe blind arcs between antenna and satellite, is available solely for clients using Cruise IP.
- TX inhibit switch, integrated GPS interface and enhanced web interface functions
- Cruise IP TRACKER - Provides Charterer's, Owners or Ships' Agents a secure online Service Quality monitoring and position tracking service. This provides both a real-time measure and historic log of transmit and receive signal quality and data throughput to and from every vessel.
- Intrusion Detection System to alert and enhance a vessels existing IT security infrastructure.



* Cruise IP Tracker Quality Statistics