MARINE SATELLITE COMMUNICATION

KA BAND	KU BAND
High-throughput maritime broadband	Reliable broadband & vessel connectivity

BRIDGE OCEAN
MARINE SERVICES

GEO VSAT – KA BAND

Fleet Xpress / GX-style Ka-band maritime connectivity

Fleet Xpress / GX-style Ka-band maritime connectivity

KEY APPLICATIONS

- Business-critical connectivity for operational data, cloud applications and ship-to-shore communication.
- Crew welfare internet, messaging, video conferencing and other online services.
- High-throughput broadband for vessels with demanding bandwidth requirements.
- Integration with onboard firewall, router, switching and Wi-Fi/LAN infrastructure.
- Professional installation, commissioning, testing and acceptance support.
- Remote troubleshooting, maintenance, upgrades and onboard engineer support.

TYPICAL ONBOARD EQUIPMENT

Ka-band VSAT antenna • antenna control unit • modem • firewall/router • network switch • Wi-Fi/LAN infrastructure • power and protection equipment.

INSTALLATION	COMMISSIONING	SUPPORT
Antenna & cabling	Configuration & testing	Remote troubleshooting
INTEGRATION	MAINTENANCE	UPGRADE
Firewall / LAN / Wi-Fi	Preventive service	Optimization & replacement

BRIDGE OCEAN
MARINE SERVICES

GEO VSAT – KU BAND

Reliable maritime broadband for vessel operations

Reliable maritime broadband for vessel operations

KEY APPLICATIONS

- Broadband internet for vessel and shore communication.
- Email, VoIP, operational data and business applications.
- Crew welfare and controlled internet access.
- Integration with onboard firewall, router, switching and Wi-Fi/LAN systems.
- Antenna installation, cabling, configuration and system acceptance testing.
- Remote diagnostics, maintenance and onboard engineer support.

TYPICAL ONBOARD EQUIPMENT

Ku-band VSAT antenna • antenna control unit • modem • BUC/LNB • firewall/router • network switch • Wi-Fi/LAN infrastructure • power and protection equipment.

INSTALLATION	COMMISSIONING	SUPPORT
Antenna & cabling	Configuration & testing	Remote troubleshooting
INTEGRATION	MAINTENANCE	UPGRADE
Firewall / LAN / Wi-Fi	Preventive service	Optimization & replacement

BRIDGE OCEAN
MARINE SERVICES

VSAT SERVICE & SUPPORT

One partner for installation, integration and ongoing technical support.

SERVICE AREA	KA BAND	KU BAND
Broadband Connectivity	High-throughput maritime broadband	Reliable maritime broadband
Business Applications	✓	✓
Crew Internet	✓	✓
VoIP / Email / Data	✓	✓
Onboard IT Integration	✓	✓
Installation & Commissioning	✓	✓
Remote Troubleshooting	✓	✓
Onboard Engineer Support	✓	✓
Maintenance & Upgrade	✓	✓

Bridge Ocean Marine Services

Supply • Installation • Commissioning • Configuration • Integration • Troubleshooting • Maintenance • Upgrade • Performance Testing

24/7 Remote Technical Support | **Onboard Engineer Visit** | **Global Project Coordination**

CONNECTING OCEANS • SUPPORTING OPERATIONS