



FlexMaritime Duo

High-speed, low-latency
satellite solution for the
maritime industry



Low-Earth Orbit (LEO) Connectivity Solution for Advanced Maritime Communications

As part of IntelSat's FlexMaritime portfolio of services, and through our partnership with Eutelsat OneWeb, IntelSat offers FlexMaritime Duo as a complementary service for vessel owners and operators in need of added LEO connectivity for real-time applications requiring ultra-high speed and ultra-low latency.

By layering LEO coverage in busy shipping routes on top of the global, ultra-reliable, high-throughput coverage of FlexMaritime GEO network, vessels and crew not only stay connected everywhere at sea but also gain the added benefit of a LEO service supporting data-intensive applications.

The Best of Both Worlds In One Place (GEO and LEO)

GEO

- Wide beams
- HTS overlay for high density areas
- Global coverage

LEO

- Interoperable with GEO
- Increased capacity
- High look angle, low latency, pole-to-pole

Flexible high-performance interoperable user terminals



Ultra-high Speed LEO
Up to 100 Mbps download
and 10 Mbps upload



Ultra-low Latency LEO
Latency ~70 milliseconds for
faster response times of applications



Ultra-reliability
LEO and GEO coverage layers for
resilient connectivity everywhere



Strong Cybersecurity
Comprehensive, end-to-end security
backed by GEO SOC 3 accreditation



Robust LEO Coverage
OneWeb LEO network covering
the busiest shipping routes



Flexible Scalability
Flexible solutions that scale
with changing business needs

Advanced Low-Earth Orbit Ku Band Satellite Terminals for FlexMaritime Duo*

Intelsat offers a range of cutting-edge LEO terminals for robust connectivity and easy deployment.



Intellian OW10HM

High Mobility Applications

- Optimal performance in a small lightweight and sleek form factor ideal for smaller vessels, including commercial fishing.
- Speeds: Up to 60 Mbps download and 10 Mbps upload
- Dimensions: 56 cm x 45 cm x 12 cm (22 in. x 17.7 in. x 4.7 in.)
- Weight: 12.2kg (26.9 lbs.)



Intellian OW11FM

Flexibility and Performance

- Flat Panel user terminal delivering low-latency, high-speed connectivity and reliability for critical communications, crew welfare, safety, route planning, and entertainment.
- Speeds: Up to 100 Mbps download and 20 Mbps upload
- Dimensions: 96 cm x 50 cm x 12 cm (37.8 in. x 19.7 in. x 4.7 in.)
- Weight: 20.5 kg (45.1 lbs.)



Intellian OW70M
Dual Parabolic

Maximizing Throughput and Efficiency

- Cutting-edge dual parabolic user terminal enabling high-speed applications for crew welfare while facilitating real-time critical operational communications.
- Speeds: Up to 195 Mbps download and 32 Mbps upload
- Dimensions: 110.2 cm x 96.8 cm (43.4 in. x 38.1 in.)
- Weight (each): 62 kg (136.6 lbs.)



Kymeta Peregrine u8

Flat Panel Antenna Technology

- Reliable communications in challenging conditions. Seamlessly integrates with vessel IT infrastructure.
- Speeds: Up to 195 Mbps download and 32 Mbps upload
- Dimensions: 89.5 cm x 89.5 cm x 14 cm (35.2 in. x 35.2 in. x 5.5 in.)
- Weight: 30.1 kg (66 lbs.)

*Additional terminal spec details are available upon request.

Offered Exclusively Through Intelsat's Solutions Partners

Offered through our carefully selected solutions partners, Intelsat offers a suite of advanced connectivity solutions for the commercial maritime industry. Contact your service provider today and ask about our FlexMaritime solutions to meet your unique business needs.

Powered by Intelsat's Enterprise-grade Network

As the foundational architects of satellite technology, designing global network solutions that fit specific user needs is in our DNA.

Learn more about how we can help with your connectivity needs at

intelsat.com/flexmaritime