



ALERTING



LOCATING



SAFETY INFO



IEC GMDSS SOLUTIONS

SAFETY AND COMPLIANCE AT SEA,
FROM COASTAL WATERS TO THE POLES

IEC GMDSS Solutions give vessels a complete, compliant Global Maritime Distress and Safety System, combining satellite and terrestrial communications to raise the alarm, receive safety information and coordinate rescue wherever they sail. As an official Iridium GMDSS service provider, IEC Telecom delivers pole-to-pole satellite distress and safety services alongside Inmarsat safety services, supporting ship owners and managers in meeting IMO SOLAS Chapter IV carriage requirements. From terminal selection and activation to ongoing airtime and support, one partner keeps your fleet connected to rescue coordination centres around the world.

GMDSS SEA AREAS

A1

COASTAL

Within VHF DSC range of a coast station, typically 20–30 nm offshore.

A2

OFFSHORE

Within MF DSC range of a coast station, typically 100–150 nm.

A3

OCEAN

Within coverage of a recognised mobile satellite service such as Iridium or Inmarsat.

A4

REMAINING WATERS

All areas outside A1–A3, mainly polar regions, served by HF DSC.

SOLAS COMPLIANCE

Supports carriage requirements under SOLAS Chapter IV, keeping vessels ready for flag and port state inspections.

POLE-TO-POLE COVERAGE

Official Iridium GMDSS provider, delivering satellite distress and safety services across every ocean, polar waters included.

ONE TRUSTED PARTNER

Terminals, airtime and support from a single provider, simplifying compliance across a vessel or a whole fleet.



DISTRESS ALERTING

A dedicated distress button sends position-tagged alerts to Rescue Coordination Centres for a fast search and rescue response.



MARITIME SAFETY INFORMATION

Navigational and meteorological warnings and SAR broadcasts are received automatically via satellite and NAVTEX.



GLOBAL COVERAGE

Iridium's low-earth-orbit network covers the entire globe, including polar routes beyond geostationary reach.



SAFETY VOICE & MESSAGING

Distress, urgency and safety calls plus messaging for clear ship-to-shore and ship-to-ship coordination.



INTEGRATED TERMINALS

GMDSS-approved satellite terminals that combine safety services with everyday voice and data on one system.



EXPERT SUPPORT

Guidance on activation, registration and compliance, backed by IEC Telecom's global technical support team.

GET YOUR FLEET GMDSS READY

Talk to our maritime safety team about the right solution for your vessels.

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