

Iridium GMDSS



An Innovative, New Option for Mariners

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What is GMDSS?

The Global Maritime Distress Safety System is an internationally recognized and regulated safety protocol connecting ships in distress with rescue coordination centers.

Distress Alert

I.D., status, and position sent to RCC

Distress Voice

Direct call at highest priority to RCC

Maritime Safety Information (MSI)

Navigational and Meteorological Information Broadcast
Iridium SafetyCastSM

Other Features:

 Distress Alert Relay

 Ship to Shore Distress Calling

 Medical Advice

 Medical Assistance

Getting Iridium GMDSS Approval



Benefits of Iridium GMDSS

Coverage

First and only truly global system – coverage over Polar areas (Sea Area A4) not served today

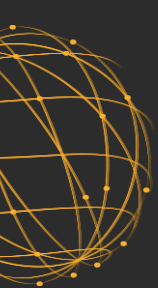
Capability

All functions (voice and data) in one terminal, more efficient gathering of information by RCC, SAR response can be initiated earlier, with more information

Cost

~25% of the cost of current equipment while supporting 3 GMDSS functions

Iridium provides GMDSS Service Provider Diversity and Enhances Safety at Sea



LT-3100S GMDSS System



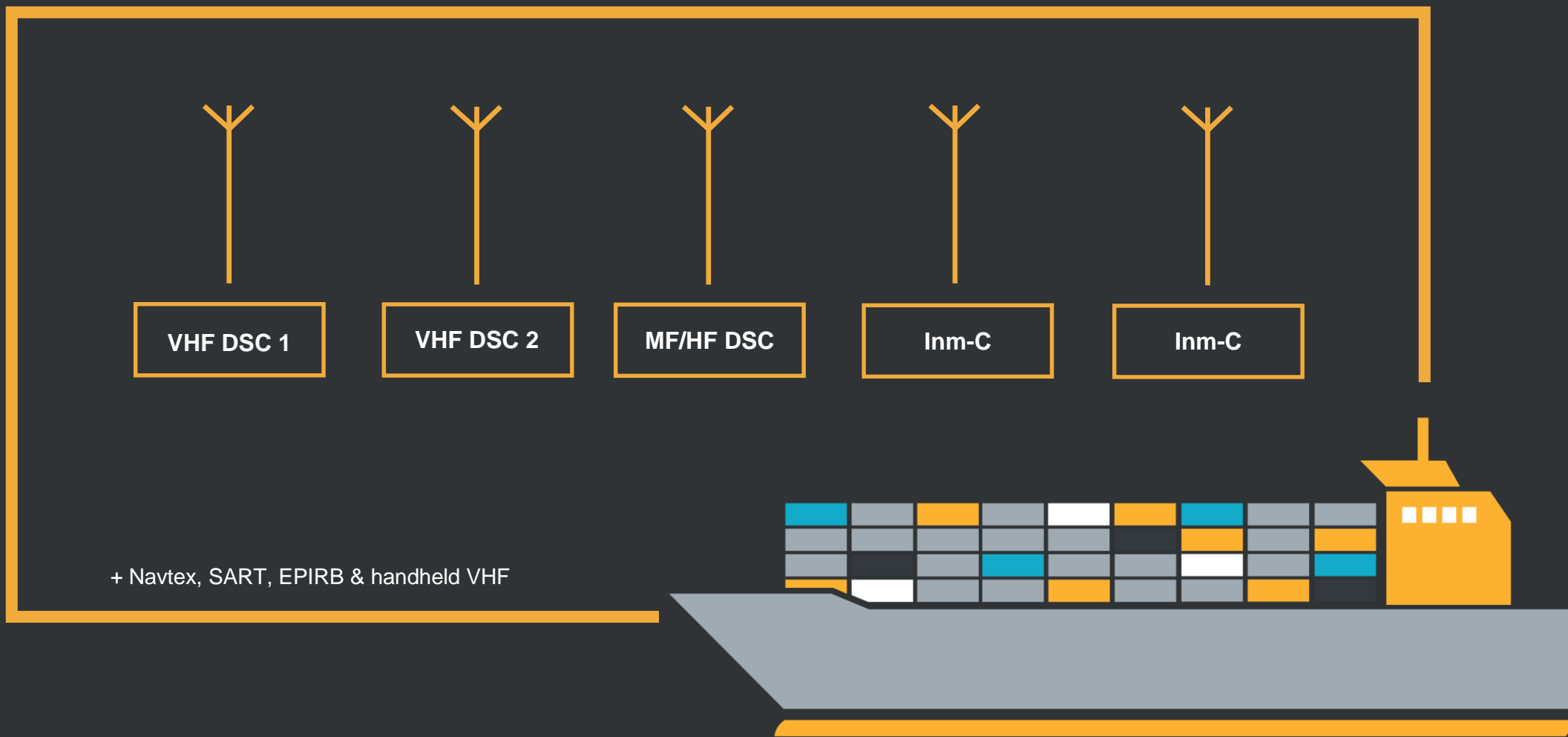


LT-3100S GMDSS System

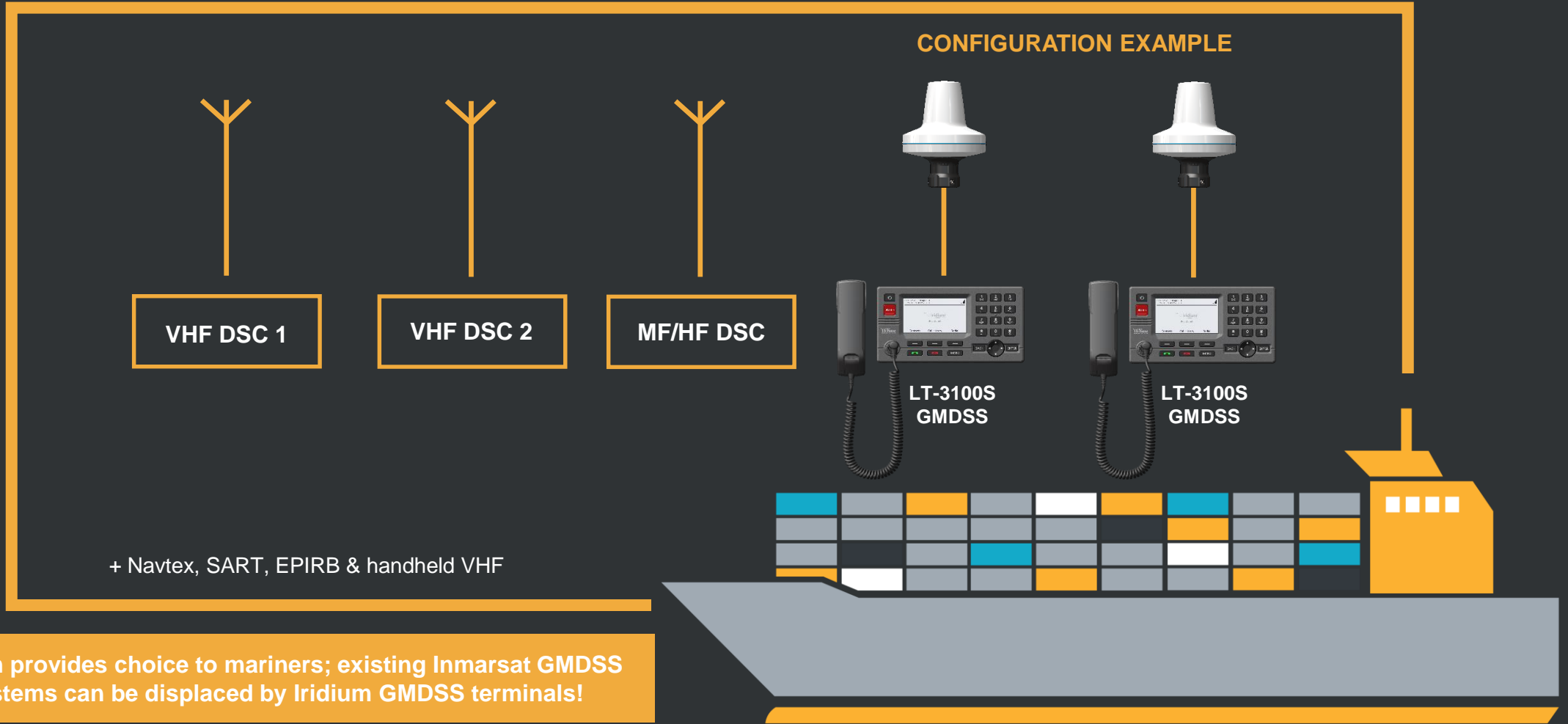




TYPICAL A3 GMDSS SOLUTION

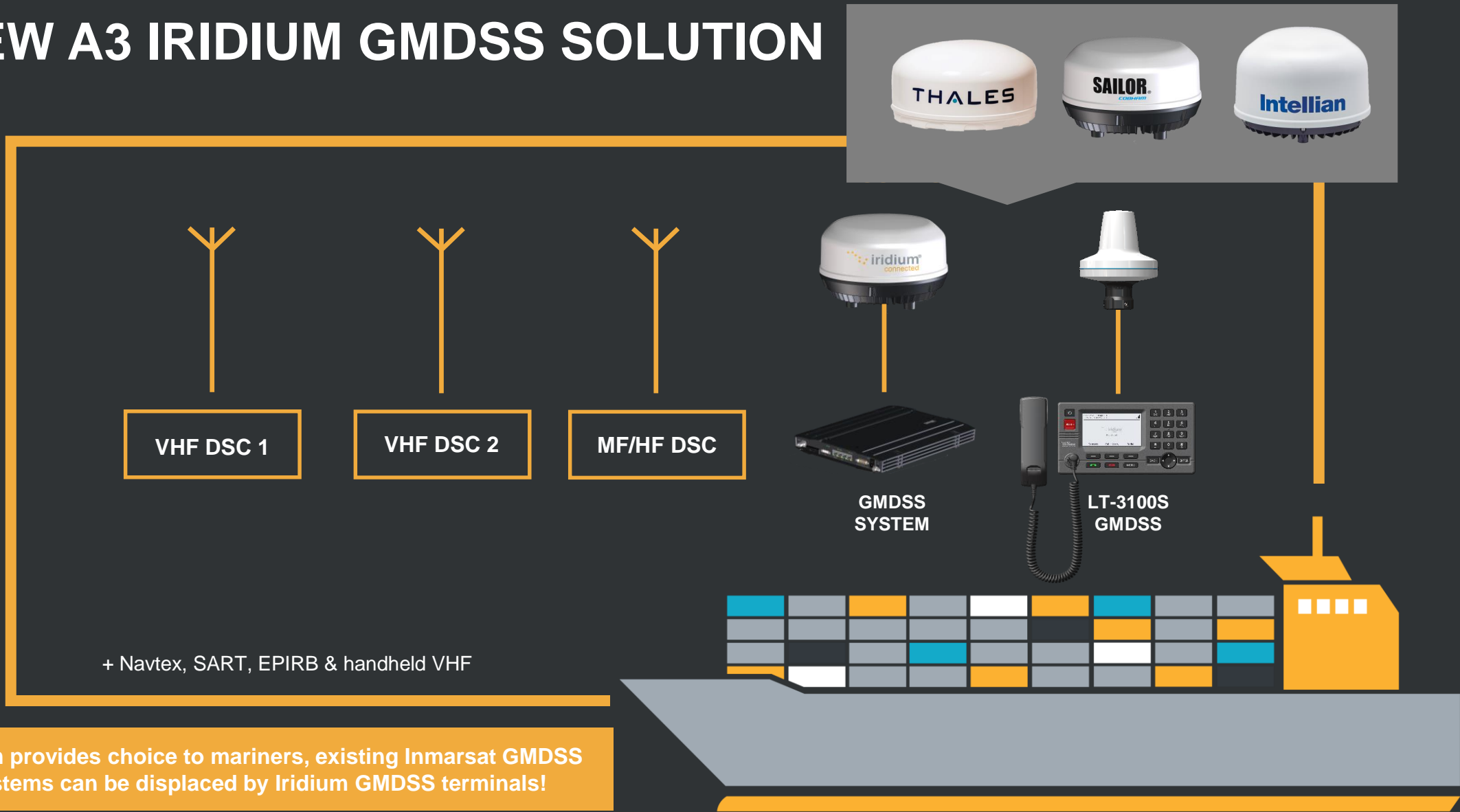


NEW A3 IRIDIUM GMDSS SOLUTION



Iridium provides choice to mariners; existing Inmarsat GMDSS systems can be displaced by Iridium GMDSS terminals!

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IRIDIUM CONNECTED® GMDSS PLANNED EQUIPMENT



LARS
Thrane
communication systems

LT-3100S

3Q 2020



COBHAM

Intellian

THALES

LARS
Thrane
communication systems

IRIDIUM CERTUS®

2021

Note: Iridium Certus GMDSS solutions are expected to become available following the initial Iridium GMDSS launch via below-deck hardware supplements.



The Iridium GMDSS Future

- Better Access to more GMDSS Services
 - Voice is Key
 - One button for all Distress
 - Improve RCC access to information
- Absolute Global Coverage
- Low Cost means better access (for all types of vessels/incidents, RCCs want less mystery more actionable information)
- Improvements to MSI (refining information that can prevent accidents)
- All-in-One (safety and normal communications) small, low-cost and easy to install terminal
- Coming soon.....

QUESTIONS?



@IridiumComm