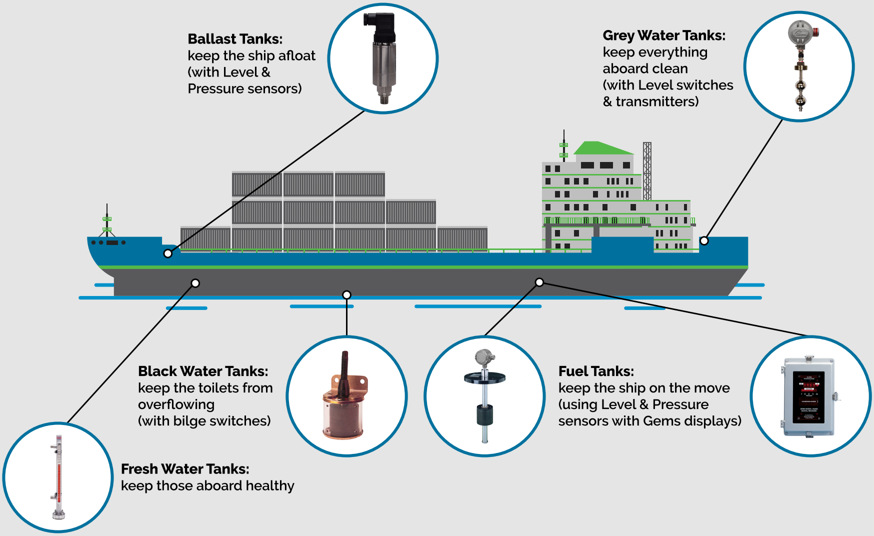
Bow to Stern Solutions

Since 1955, Gems Sensors and Controls has been supporting Marine customers throughout the world with bow to stern sensors and fluidic solutions. Here are shipboard applications we support:

TANKER BOATS



Ballast Tanks:
keep the ship afloat
(with Level &
Pressure sensors)

Grey Water Tanks:
keep everything
aboard clean
(with Level switches
& transmitters)

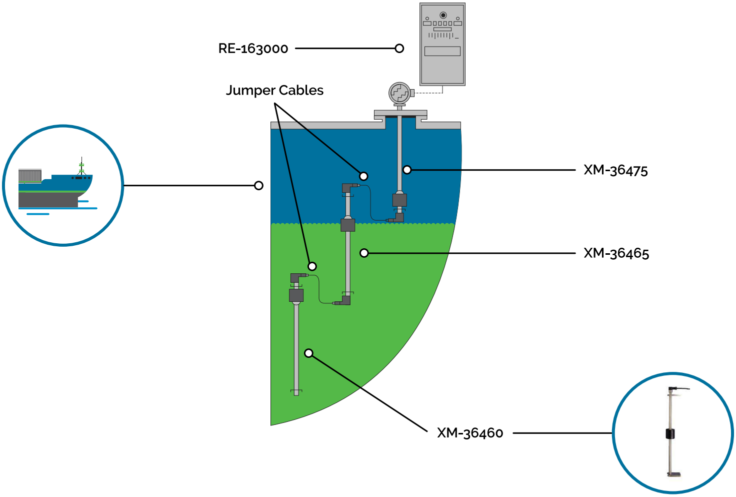
Black Water Tanks:
keep the toilets from
overflowing
(with bilge switches)

Fuel Tanks:
keep the ship on the move
(using Level & Pressure
sensors with Gems displays)

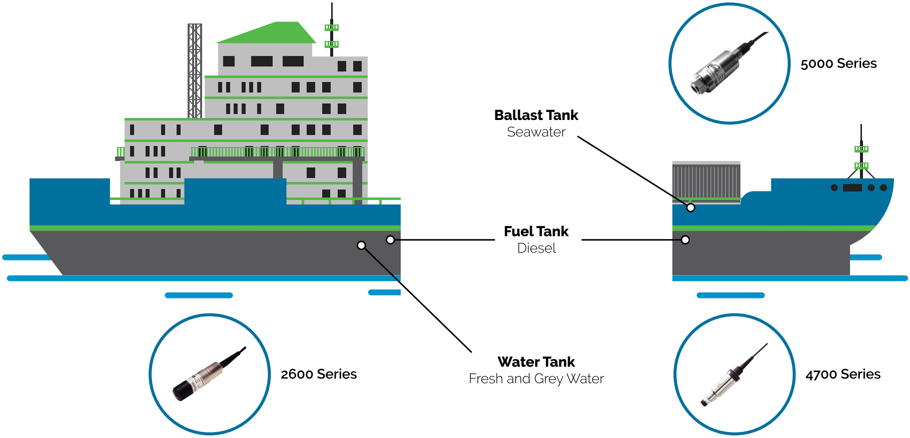
Fresh Water Tanks:
keep those aboard healthy

CUTAWAYS OF SECTIONS OF THE TANKER

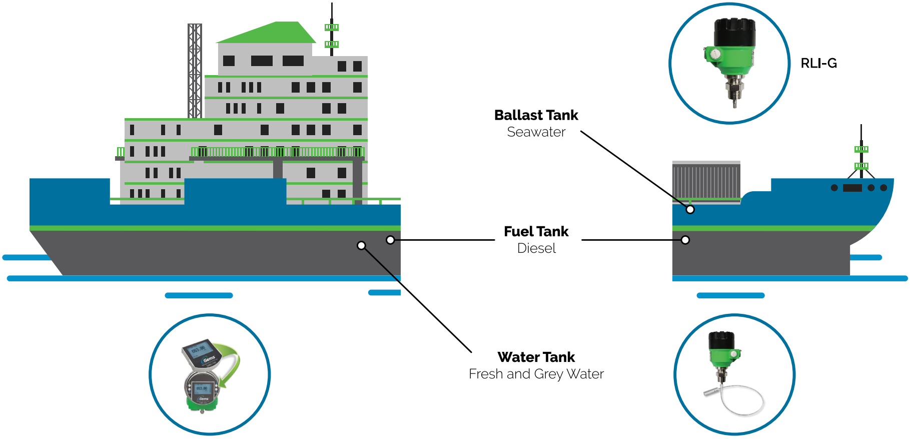
Tank Level Monitoring (TLI)



Tank Level Monitoring (Hydrostatic Pressure)



Tank Level Monitoring (Guided Wave Radar)



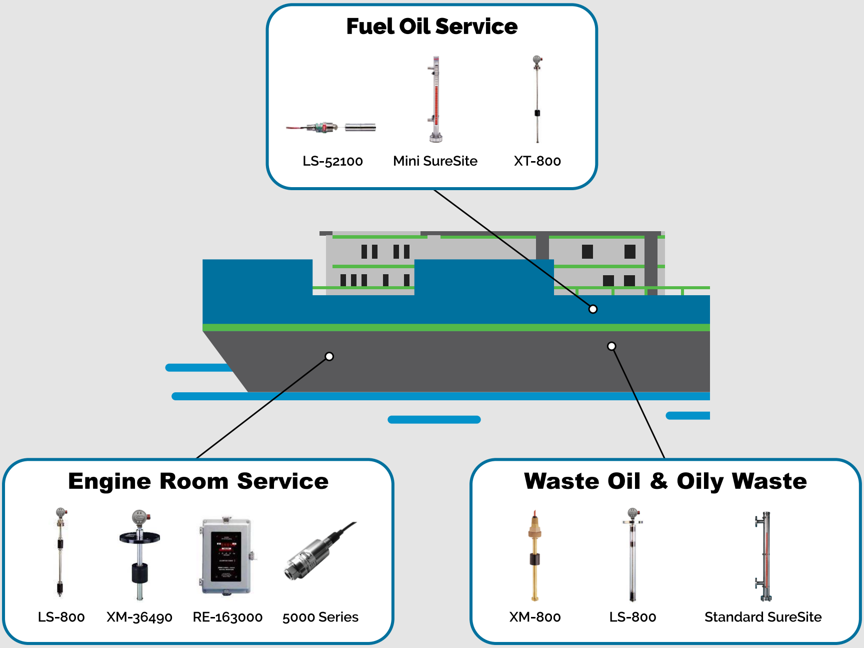
RLI-G

Ballast Tank
Seawater

Fuel Tank
Diesel

Water Tank
Fresh and Grey Water

SHIPBOARD SERVICE TANKS



Fuel Oil Service

LS-52100
Mini SureSite
XT-800

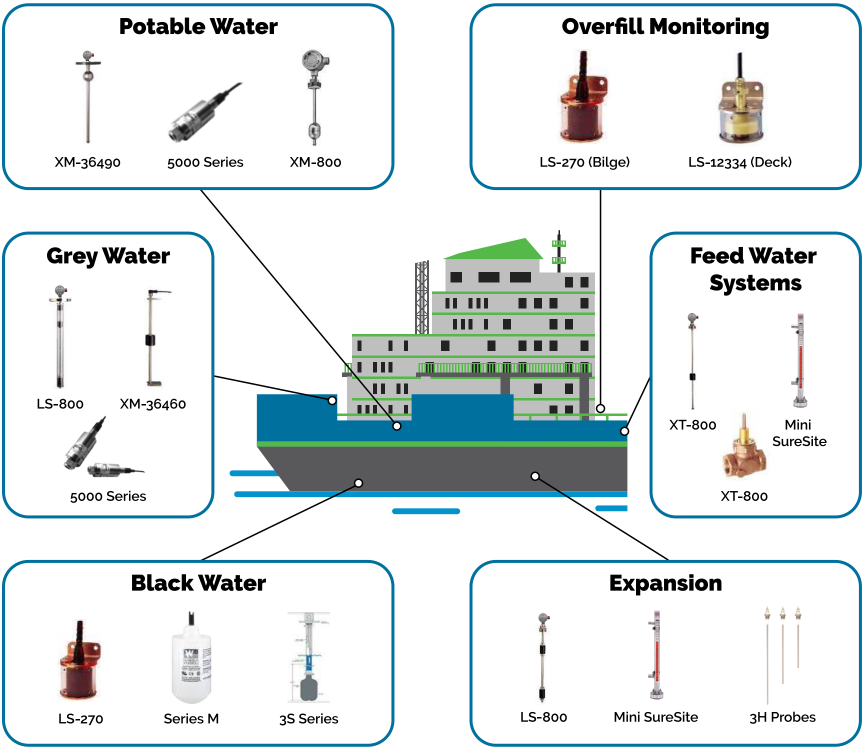
Engine Room Service

LS-800
XM-36490
RE-163000
5000 Series

Waste Oil & Oily Waste

XM-800
LS-800
Standard SureSite

WATER TANKS



Potable Water

XM-36490

5000 Series

XM-800

Overfill Monitoring

LS-270 (Bilge)

LS-12334 (Deck)

Grey Water

LS-800

XM-36460

5000 Series

Feed Water Systems

XT-800

Mini SureSite

XT-800

Black Water

LS-270

Series M

3S Series

Expansion

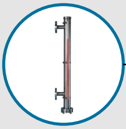
LS-800

Mini SureSite

3H Probes

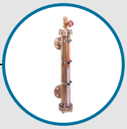
FIRE SUPPRESSION

AFFF (Aqueous Fire Fighting Foam) Tanks & Delivery Systems



316 SS

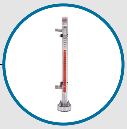
SureSites



CuNi

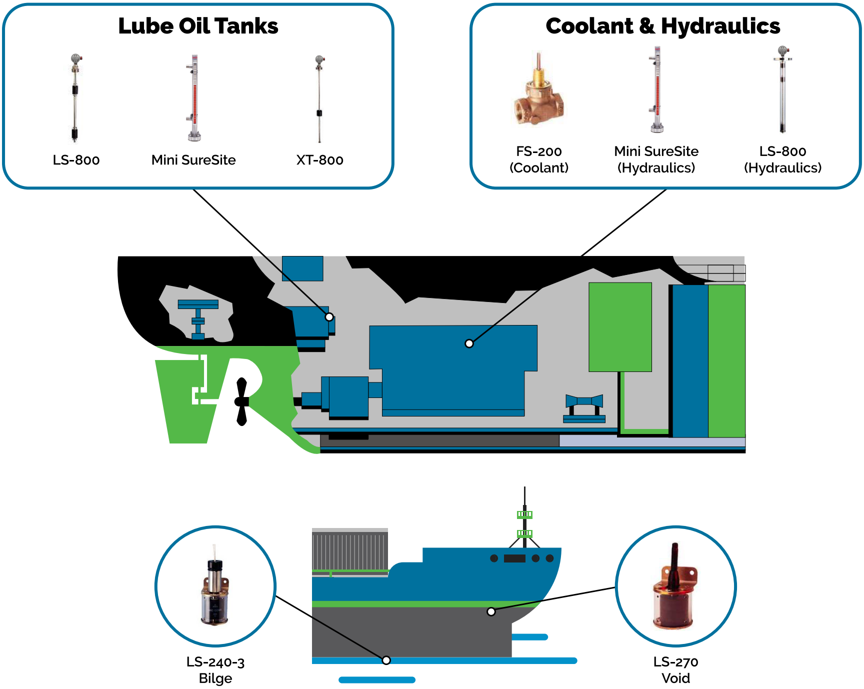
Water Tanks & Delivery Systems

FS-200



Mini SureSite

AUXILIARY EQUIPMENT



Lube Oil Tanks

LS-800

Mini SureSite

XT-800

Coolant & Hydraulics

FS-200
(Coolant)

Mini SureSite
(Hydraulics)

LS-800
(Hydraulics)

LS-240-3
Bilge

LS-270
Void

Gems Sensors offers ABS and EU RO Mutual Recognition on our marine and offshore application products including our SureSite® product line, level and flow switches and continuous level transmitters.

ABS

BUREAU VERITAS

CRS

DNV·GL

IRCLASS
Indian Register of Shipping

KR
KOREAN REGISTER

Lloyd's Register

ClassNK

RINA