LNG APPLICATION ONBOARD

GOTLAND VISBORG

GSI: Han Yangquan

Guangzhou Shipyard International Company Limited (GSI) was founded in 1954, and re-organized to public company on June 7, 1993, she was listed in Hong Kong HK-0317） and Shanghai (SH-600685) Stock Exchange market as the first listed shipbuilding company in China.

GSI is an important modern key shipbuilding enterprise in South China parented by China State Shipbuilding Corporation (CSSC), one of the top 500 manufacturing enterprises in China, and enjoys autonomy in export and import operations.

1600LM R/R Passenger Ship

50000t Semi-Submersible Lift Vessel

Polar Class Heavy Transport Deck Carrier Vessel
AUDAX & PUGNAX

ARC7 ICE BREAKING CONDENSATE TANKER

1600LM R/R Passenger Ship
GOTLAND VISBORG

GOTLAND VISBORG

- Owner: Rederi AB Gotland
- Yard: GSI
- Class: DNVGL

  GAS FUELLED
- Delivery: 2018
- Engine Power: 4x11700kW
- Speed: 28.5 knots

Wärtsilä Supply:

-4x12V50DF

-4x9L20DF

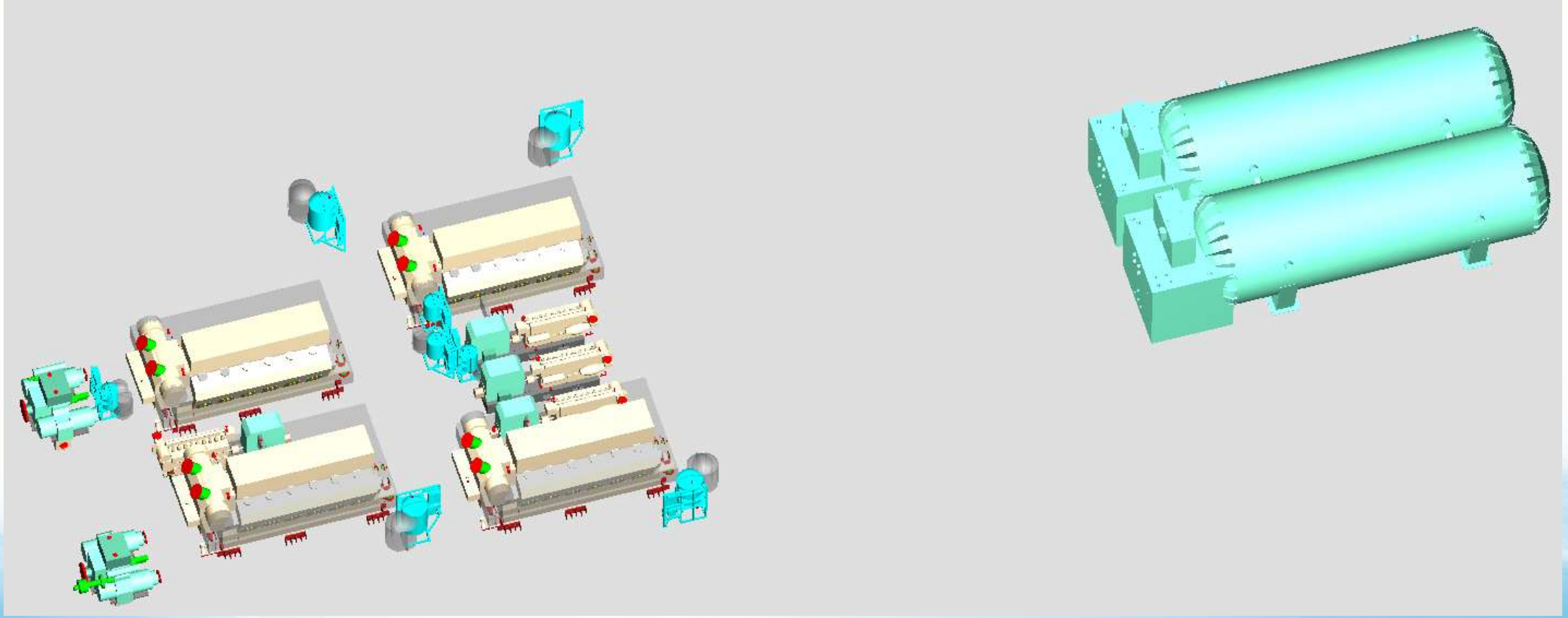
-2xRENK NDSHL-2400

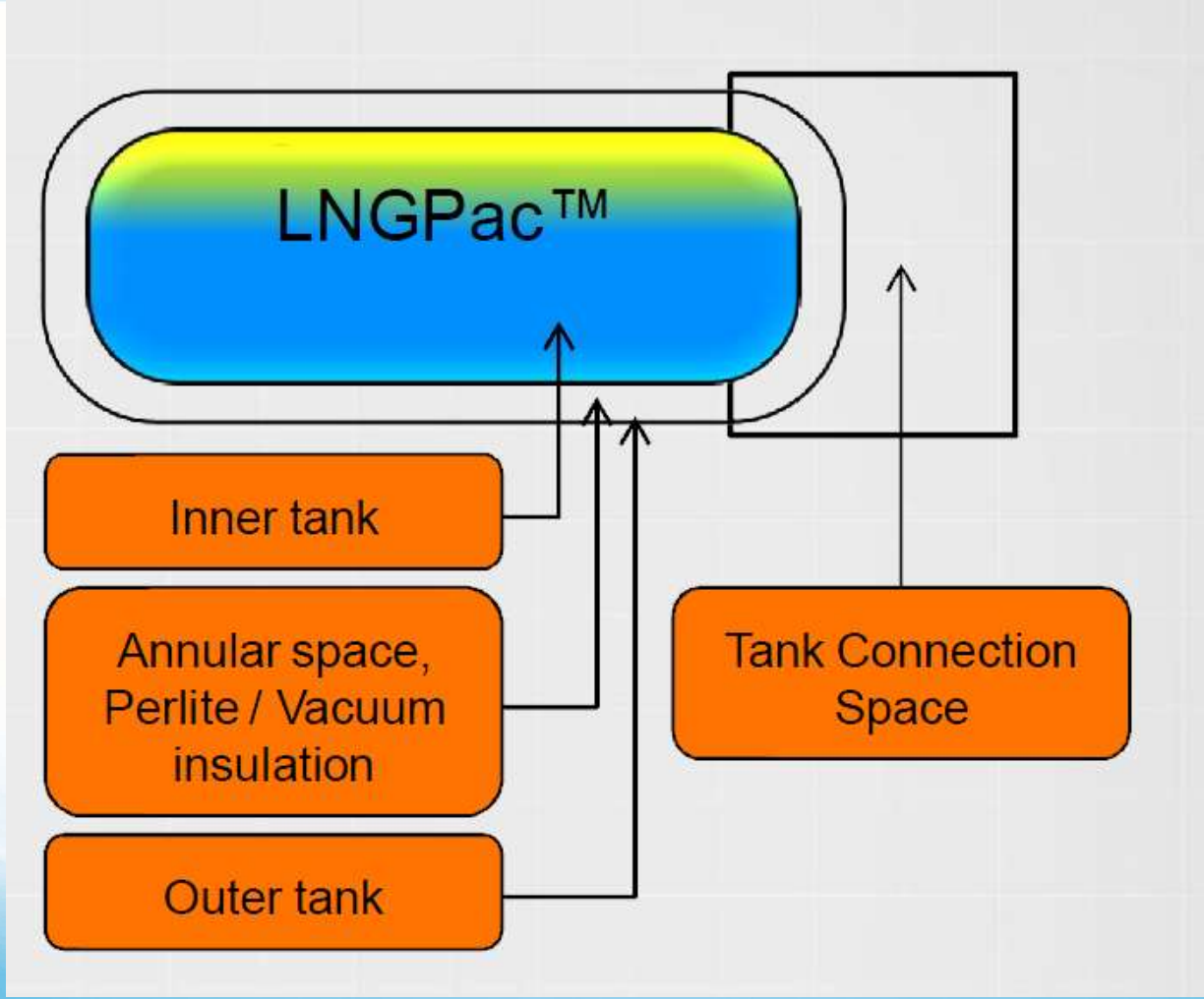
-2XCPP type 4E1540

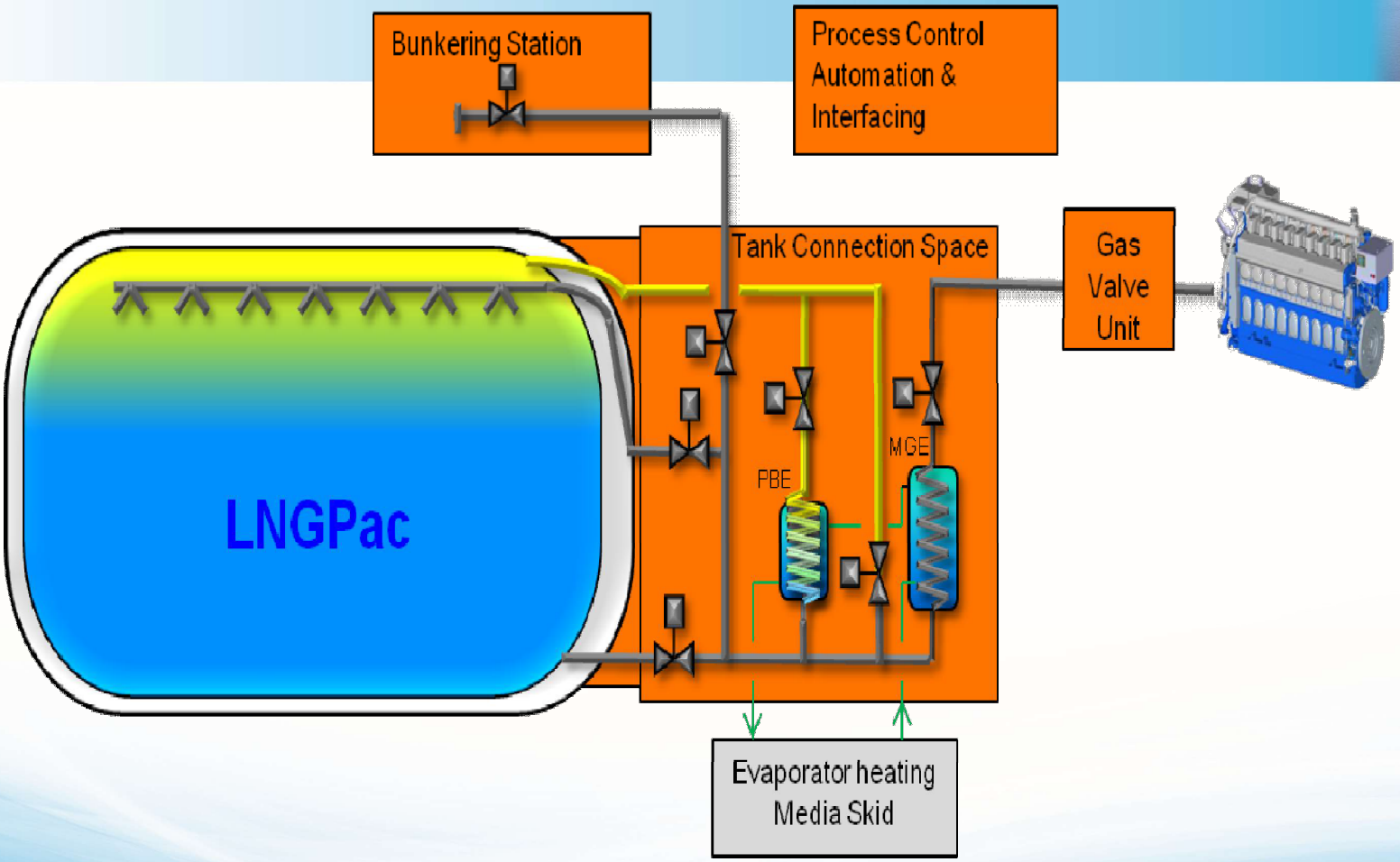
Ø 5200 mm

-Lipstronic 7000 control system

General Arrangement




LNGPac™
Inner tank
Annular space, Perlite / Vacuum insulation
Outer tank
Tank Connection Space


Bunkering Station
Process Control
Automation &
Interfacing
Tank Connection Space
Gas
Valve
Unit
LNGPac
PBE
MGE
Evaporator heating
Media Skid

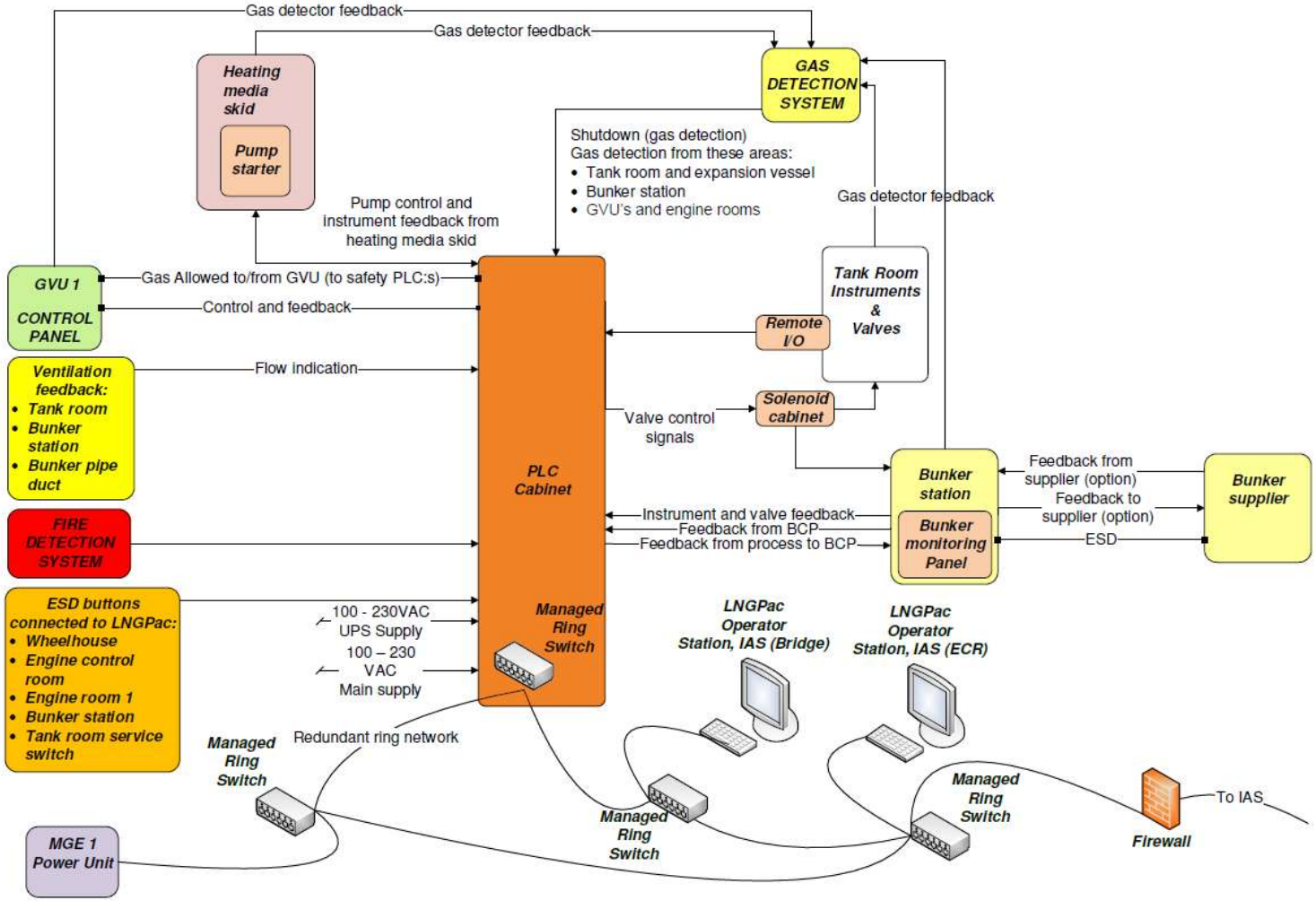
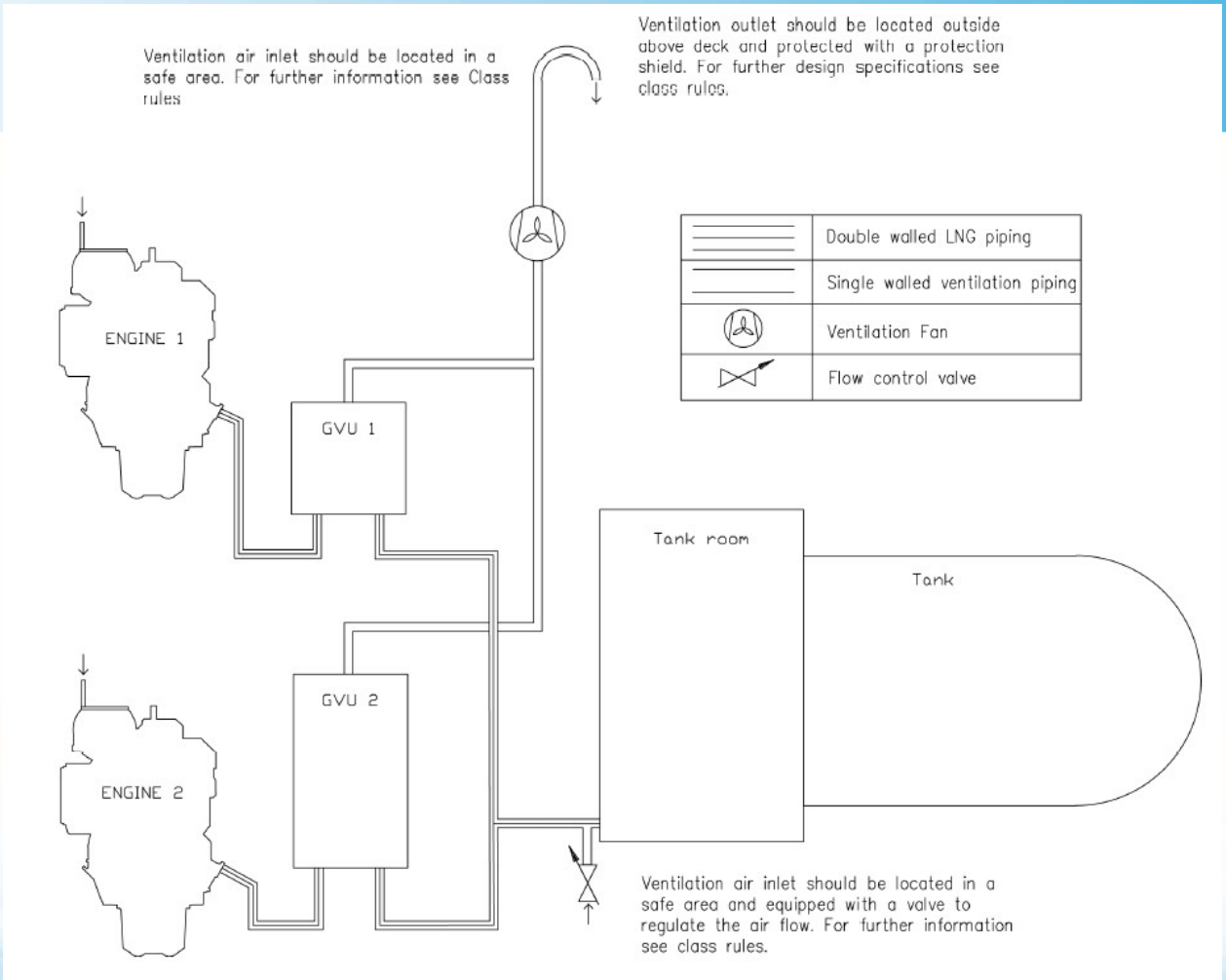


Figure 2, *LNGPac*™ block diagram


Ventilation air inlet should be located in a safe area. For further information see Class rules
Ventilation outlet should be located outside above deck and protected with a protection shield. For further design specifications see class rules.
Double walled LNG piping
Single walled ventilation piping
Ventilation Fan
Flow control valve
ENGINE 1
GVU 1
Tank room
Tank
GVU 2
ENGINE 2
Ventilation air inlet should be located in a safe area and equipped with a valve to regulate the air flow. For further information see class rules.

Thank You !