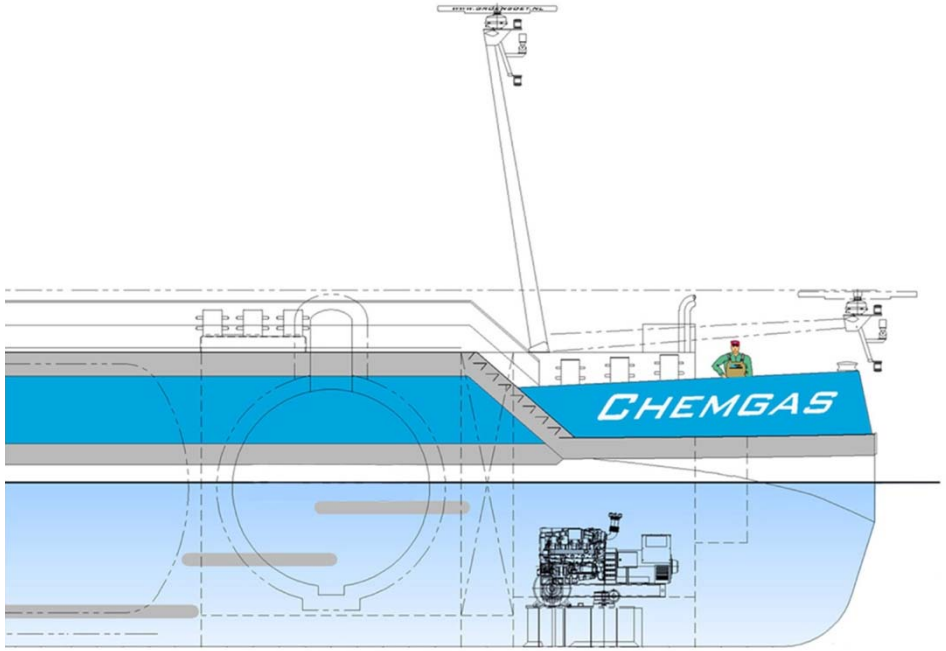


LNG fuelled type G tanker

ID 55678 / 55679

BV 25106R / 24521F

chemgas

Ship's particulars

Main dimensions:

length over all	**110.00 m**
breadth	**11.40 m**
depth	**5.65 m**
draught	**3.15 m**
airdraught (in ballast)	**4.60 m**

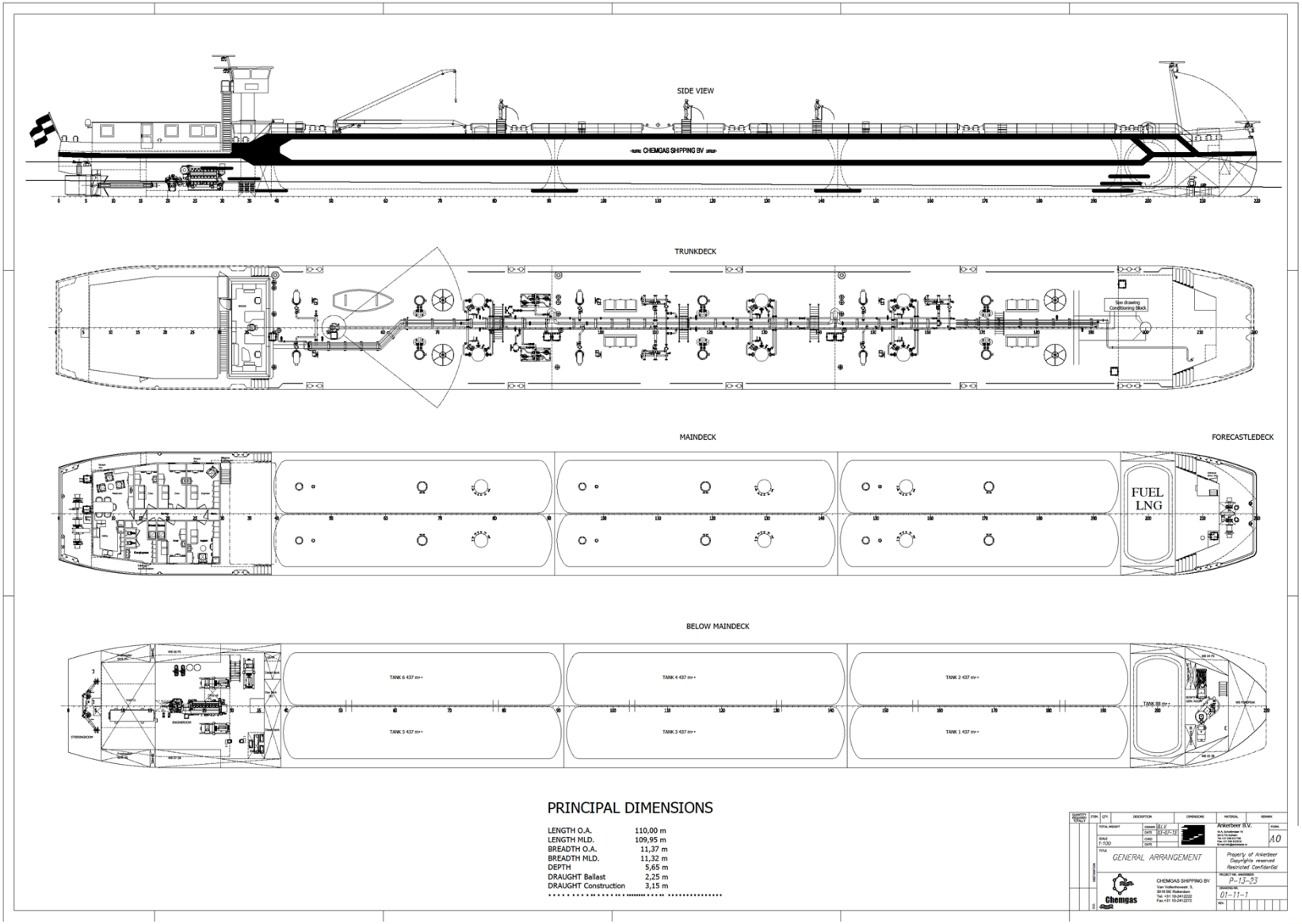
Cargo tank capacity **6 x 437 = 2622 m^3**

cargo products **a.o.LPG, ammonia, vinyl chloride, isoprene, propylene oxide**

Classification **BUREAU VERITAS**

chemgas

General Arrangement



PRINCIPAL DIMENSIONS

LENGTH O.A.	110,00 m
LENGTH MLD.	109,95 m
BREADTH O.A.	11,37 m
BREADTH MLD.	11,32 m
DEPTH	5,65 m
DRAUGHT Ballast	2,25 m
DRAUGHT Construction	3,15 m

GENERAL ARRANGEMENT

CHEMGAS SHIPPING BV

Ankerbeer B.V.

A0

P-13-23

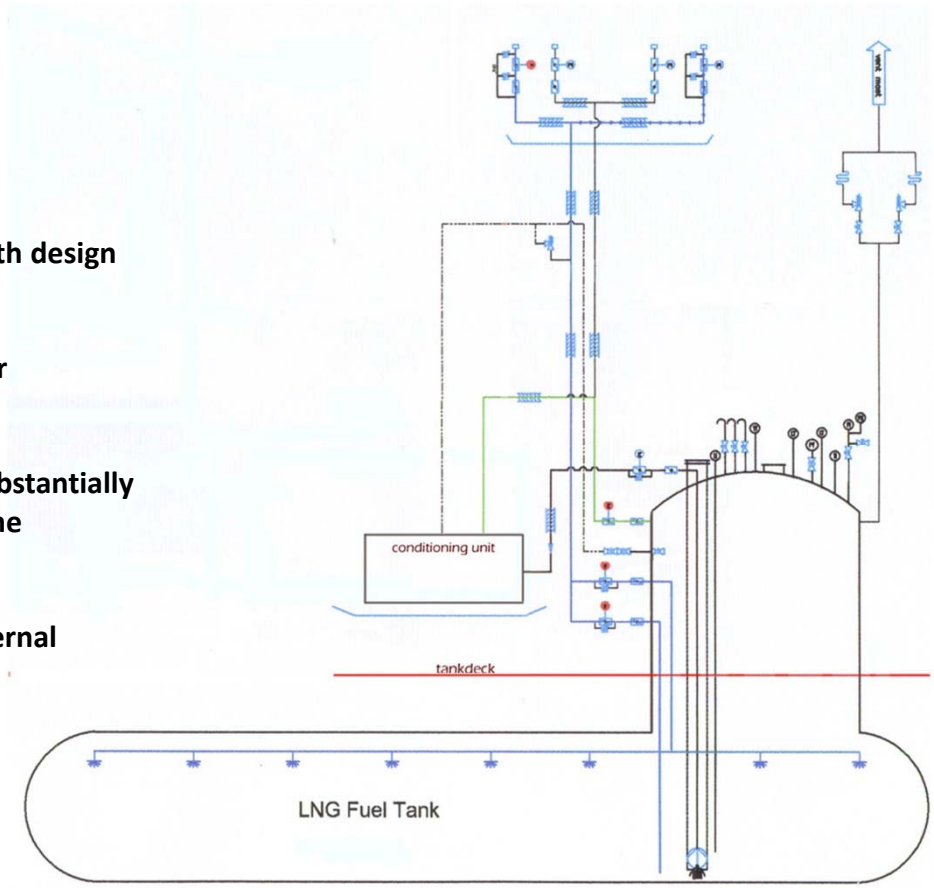
01-11-1

Property of Ankerbeer
Copyrights reserved
Restricted Confidential

chemgas

LNG tank arrangement

- single-wall 85 m3 independent pressure tank with design pressure of 10 bar
- same principle construction as pressure tanks for refrigerated cargo products
- tank insulation fitted on outer side, reducing substantially the transfer of heat into the tank and cold into the compartment
- the single wall design allows possibilities for internal inspection of the tank
- tankdome penetrating the deck, allowing all tank openings and connections for piping and equipment on open deck



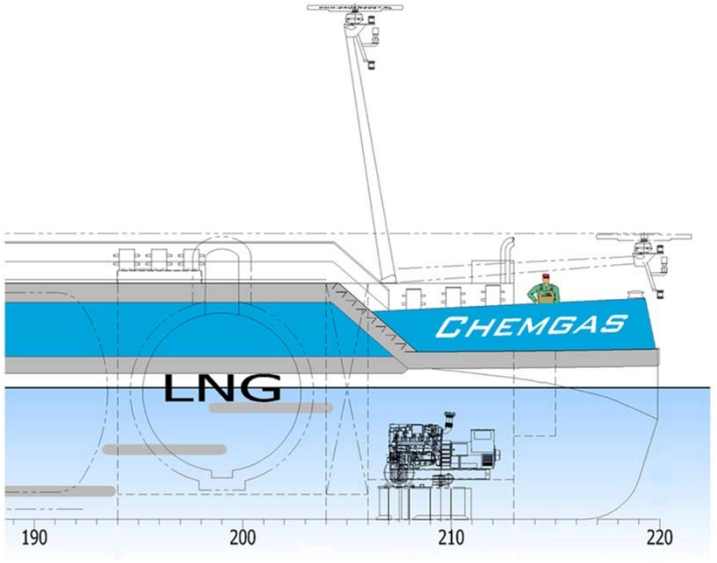
- the relation between the opening pressure of the safety valves and the working pressure in the tank prevents these safety valves from blowing-off within 15 days the ship being in idle condition
- height of the safety valve discharge mast upto the airdraft

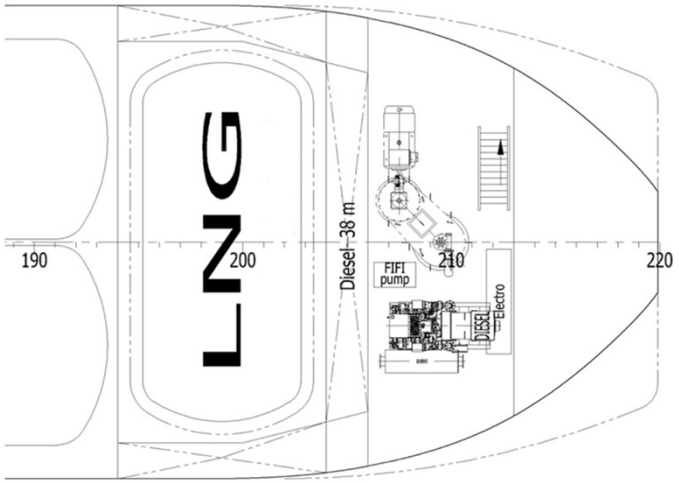
chemgas

Tank location

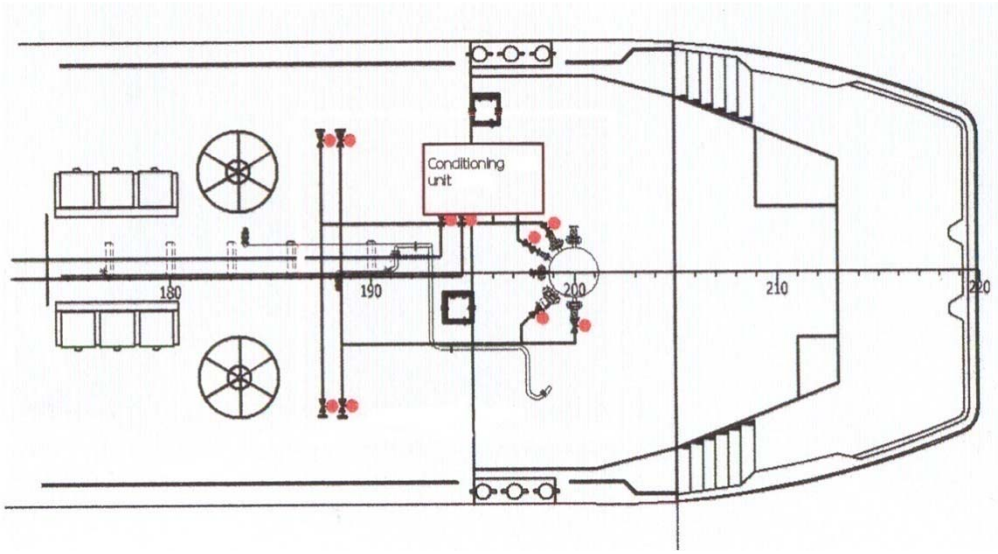
- tank location under deck in a separate compartment within the cargo area and which is protected by double hull and bottom as required for refrigerated cargo tanks

- in addition the hull complies with ADN 9.3.4 for large tanks





Gas conditioning system



- **LNG is conditioned to gas (NG) suitable to supply the consumers in the engineroom aft: temperatures not less than 0 °C and pressures upto 8 bars**
- **location of the conditioning unit on open deck close to the tank dome**
- **Stainless steel driptray installed under entire conditioning unit**

chemgas

GAS SAFE as per IGF code !

- **one dual fuel main engine**
- **two generator sets running on gas**
- **redundancy of these sets by two diesel driven generator sets, one in aft, second in forward engine room**
- **except short-length and almost pressureless gas pipes to generator sets, gas piping to engines is enclosed in gastight ducts or casings, all in compliance with IGF code**

chemgas