

inland tankbarge name

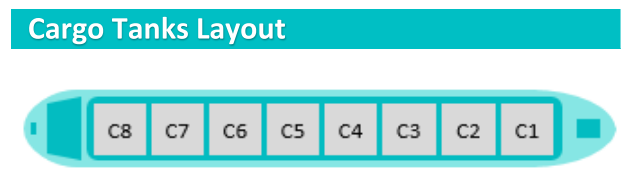
Minerva



Barge Basic Information	
year of building	2021
registration number	0233 9172
deadweight	2624 tons
ADN Typ	C
construction	double hull
flag	Switzerland
port of registry	Zug
build shipyard	
S.C. "SANTIERUL NAVAL ORSOVA" S.A.	



Dimension and Main Data		
deadweight	kg	2,624.175
volumen 100%	cbm	3,013.000
volumen 97%	cbm	2,922.610
length overall	m	110.00
breadth extreme	m	11.45
draft max	m	3.20
empty fixed height	m	5.55



Machinery	
main engine	Caterpillar 3512C
type	V12, 4-Stroke - EPA Tier 2
power	1118 KW 1520 PS
number of sets	1

Cargo Tank Calibration					
draft cm	tons	draft cm	tons	draft cm	tons
100	85	200	1205	300	2384
110	192	210	1322	310	2504
120	301	220	1438	320	2624
130	400	230	1555	330	-
140	522	240	1673	340	-
150	634	250	1791	350	-
160	747	260	1909	360	-
170	860	270	2027	370	-
180	975	280	2146	380	-
190	1090	290	2265	390	-

Additional Equipment	
connection for a sampling device	yes
sampling opening	no
water spray system	yes
internal pressure alarm 40 kPa	yes
cargo heating system on Bord	no
cargo heating system from shore	no
cargo refrigeration system	no
cargo pump-room under deck	no
over/under pressure alam in cargo tank	yes
gas supply/return line acc. to 9.3.3.22.5 a	v
piping and installation heated	no
conforms to the rules of column (20) of table "c" of chapter 3.2	yes

Cargo Tanks Characteristics		
number and type of tanks	8	center
cargo tank material	carbon steel	
cargo tank coating	no	
tank type and construction	integral	closed
max. tank pressure	50 kPa (HGV)	
sample handling system	Dopak DPM-500-221	
separate double pipe-line system	yes	

Classification		
temperature class		T4
explosion group		IIB
permitted relatrice density	t/m3	1,00

Cargo Pumps		
pumps	Deepwell	MDPD-80
number of sets	8	
capacity max	m3/hour	800
stripping sys. rest	metric pint	10
maker	MarFlex Europe (GPI)	

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