

Inland Waterways Tankbarge

Iris



Barge Basic Information	
year of building	2022
registration number	0610 5748
deadweight	2.694 to
ADN Typ	C.2.2
emission standard	EU Stage V
flag	Belgium
port of registry	Tournai
classification society	Lloyd's Register
build shipyard	
S.C. "SANTIERUL NAVAL ORSOVA" S.A.	



Dimension and Main Data		
deadweight	kg	2,694.912
volumen 100%	cbm	3,011.029
volumen 97%	cbm	2,920.289
length overall	m	109.98
breadth extreme	m	11.42
draft max	m	3.26
empty fixed height	m	5.60

Cargo Tanks Layout



Machinery	
main engine	Caterpillar 3512E
type	ATAAC V12, 4-Stroke
power	1133 KW 1520 PS
number of sets	1

Cargo Tank Calibration

draft cm	tons	draft cm	tons	draft cm	tons
100	76	200	1205	300	2393
110	185	210	1322	310	2513
120	295	220	1440	320	2634
130	406	230	1557	330	-
140	517	240	1676	340	-
150	630	250	1794	350	-
160	743	260	1913	360	-
170	858	270	2033	370	-
180	973	280	2153	380	-
190	1089	290	2273	390	-

Additional Equipment	
connection for a sampling device	✓
sampling opening	-
water spray system	✓
internal pressure alarm 40 kPa	✓
cargo heating system on Bord	✓
cargo heating system from shore	-
cargo refrigeration system	-
cargo pump-room under deck	-
over/under pressure alam in cargo tank	✓
gas supply/return line acc. to 9.3.3.22.5 a piping and installation heated	✓
conforms to the rules of column (20) of table "c" of chapter 3.2	✓

Cargo Tanks Characteristics

cargo tank material	carbon steel
cargo tank coating	hempels galvosil@15700
tank type/construction	integral, closed
sample handling system	Dopak DPM-500-221
special equipment	heating system [Oil]
load- and discharge pipes	2
vapour recovery system pipes	2
completely separate products	2

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

Cargo Pumps

pumps	Deepwell
number of sets	8
capacity max [m3/hour]	812
stripping sys. Rest [liter/tank]	0,4
manufacturer	MarFlex Europe

All details to be considered as about, given in good faith but without any guarantee.
 In addition all picture or trademarks or named brands provided here are the property of the respective owner or producer.
 this datasheet and all other Barge details and datasheets u can find on www.stetra.de (downloads and fleet)