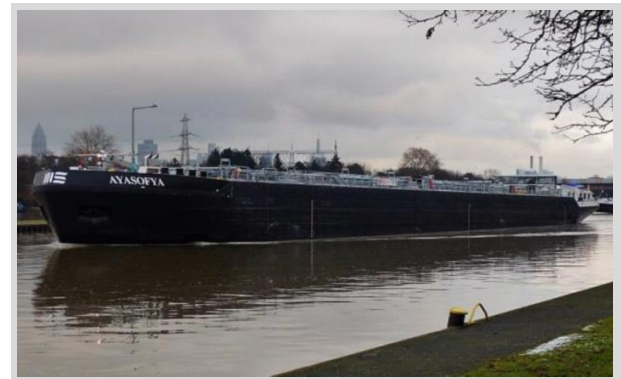


inland tankbarge name

Ayasofya



Barge Basic Information	
year of building	2017
registration number	0233 7521
deadweight	2,877 tons
ADN Typ	C
construction	double hull
flag	germany
port of registry	Mainz
build shipyard	
S.C. "SANTIERUL NAVAL ORSOVA" S.A.	



Dimension and Main Data		
deadweight	kg	2,877.710
volumen 100%	cbm	3,016.254
volumen 97%	cbm	2,925.490
length overall	m	109.91
breadth extreme	m	11.43
draft max	m	3.41
empty fixed height	m	5.10

Cargo Tanks Layout



Machinery		
main engine	Caterpillar 3512C	
type	ATAAC V12, 4-Stroke	
power	1193 KW	1622 PS
number of sets	1	

Cargo Tank Calibration

draft cm	tons	draft cm	tons	draft cm	tons
100	85	200	1206	300	2385
110	192	210	1322	310	2505
120	301	220	1439	320	2624
130	411	230	1556	330	2745
140	522	240	1674	340	2865
150	634	250	1791	350	-
160	747	260	1910	360	-
170	861	270	2028	370	-
180	975	280	2147	380	-
190	1090	290	2266	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	Twin Screw	
number of sets	2	
capacity max	m3/hour	1.000
stripping sys. rest	metric pint	10
maker	ITT Bornemann GmbH	

All details to be considered as about, given in good faith but without any guarantee.
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 this datasheet and all other Barge details and datasheets u can find on www.stetra.de (downloads and fleet)