

: THIS REPORT CREATED 24 Mar 2023 07:15

Ship Detail

Ship Name	NORTHERN SPIRIT
Shiptype	Chemical/Products Tanker
IMO/LR No.	9580962
Gross	13,259
Call Sign	V7A2858
Deadweight	19,118
MMSI No.	538008873
Year of Build	2011
Flag	Marshall Islands
Status	In Service/Commission
Operator	ABC Maritime AG
Shipbuilder	Yangfan Group Co Ltd

**Construction Overview**

ShipType	Chemical/Products Tanker
Built	2011
GT	13,259
Deadweight	19,118

Alterations & Conversion**No Data Available****Arrangement**

Structure	Sequence (Bow to Stern)	Position	Type	Material	Length	Breadth
Tank	01	Cargo Tank	Port	Steel (Unspecified)		
Tank	02	Cargo Tank	Starboard	Unknown		
Tank	03	Cargo Tank	Port	Steel (Unspecified)		
Tank	04	Cargo Tank	Starboard	Unknown		
Tank	05	Cargo Tank	Port	Steel (Unspecified)		
Tank	06	Cargo Tank	Starboard	Unknown		
Tank	07	Cargo Tank	Port	Steel (Unspecified)		
Tank	08	Cargo Tank	Starboard	Unknown		
Tank	09	Cargo Tank	Port	Steel (Unspecified)		
Tank	10	Cargo Tank	Starboard	Unknown		
Tank	11	Cargo Tank	Port	Steel (Unspecified)		
Tank	12	Cargo Tank	Starboard	Unknown		
Tank	13	Slop Tank	Port	Steel (Unspecified)		
Tank	14	Slop Tank	Starboard	Unknown		

Construction Detail

Ship Type Group:Tanker-Handy; Statcode5:A12B2TR; Hull Type:Double Hull (Marpol); Hull Material:Steel; IMO Chemical Class II; Hull Connections:Welded; Decks:1 dk; Bulbous bow; FS Ice Class 1A

Recycling Detail (Broken up ships only)



No Data Available

Service Constraints



No Data Available

Shipbuilder

2011-02 [Yangfan Group Co Ltd - Zhoushan ZJ](#) Yard/hull No.: 2005

Sister Ships

At most, the first fifty sister ships are returned. Click [here](#) to return all sister ships into Search Results.

LRNO	Ship Name	Status	Deadweight	GT	Built	Type	Yard No	Main Engine
9580974	ATLANTIC SPIRIT	IN SERVICE/COMMISSION	19131	13239	2011-10	Chemical/Products Tanker	2006	7M43C
9572757	HARBOUR PIONEER	IN SERVICE/COMMISSION	19122	13239	2010-11	Chemical/Products Tanker	2004	7M43C
9572745	HARBOUR PROGRESS	IN SERVICE/COMMISSION	19175	13239	2010-11	Chemical/Products Tanker	2003	7M43C
9580962	NORTHERN SPIRIT	IN SERVICE/COMMISSION	19118	13259	2011-02	Chemical/Products Tanker	2005	7M43C
9580986	RF MARINA	IN SERVICE/COMMISSION	19100	13239	2011-11	Chemical/Products Tanker	2007	7M43C
9580998	RF STELLA	IN SERVICE/COMMISSION	19118	13239	2011-11	Chemical/Products Tanker	2008	7M43C

Status History

Date	Status
2011-02-12	In Service/Commission
2010-01-30	Launched
2009-09-08	Keel Laid
2007-08-28	On Order/Not Commenced

Supplementary Features

Feature

BWMP

ESP

IHM (Green Passport) Cert

FS Ice Class 1A

Fuel Consumption Speed - Current Value

14.00

Total Fuel Consumption - Current Value

23.50

Total fuel capacity, in cubic metres

785.00

Boiler Manufacturer

Saacke Marine Systems

Propeller Manufacturer

Rolls Royce

Dimensions

Length Overall	161.680
Length (BP)	150.800
Length (Reg)	0.000
Bulbous Bow	Yes
Breadth Extreme	23.030
Breadth Moulded	23.000
Draught	8.980
Depth	12.400
Keel To Mast Height	41.855

Displacement	25695
T/CM	32.0

See also **Specialist in Cargo & Gear** for tanker specific dimensions

Tonnages

Tonnage Type	One tonnage, unspecified
Tonnage System	New System (International 1969)
Effective Date	2011-02
Gross Tonnage (GT)	13,259
Net Tonnage (NT)	6,093
Deadweight (DWT)	19,118
Compensated Gross Tonnage (CGT)	0
Formula Deadweight	18,988
Light Displacement Tonnage (LDT)	6,577

Cargo Overview

Grain	0	Bale	0	Liquid	21,384	Gas	0
TEU	0	TEU 14t	0	Insulated	0	Passengers	0
Bollard Pull (t)	0						

Capacities

Liquid @ 98% 21,384; Segregated Ballast 9,256; Slops 485

Cargo Handling Gear

Cargo Pumps 12 @ 300 M3/hr

Compartments



No Data Available

Hatches



No Data Available

Ro-Ro (Lanes, Ramps & Doors)



No Data Available

Specialist

IGS, SBT (Protective), Closed Loading, VRS - Vapour Recovery System, Slop Capacity 485, Deck Heat Exchangers, Stainless Steel Deck Heat Exchangers, 66 Maximum Temp (Centigrade), SPM Equipped, 1 Tongue Bow Stoppers, 200t SWL, Flash Point Under 60c, 15 Lines (manifolds) per Side, 36.00m Mid Point Manifold Forward (Light), 71.20m Parallel Body Length (Light), 35.20m Mid Point Manifold Aft (Light), 36.80m Mid Point Manifold Forward (Ballast), 83.20m Parallel Body Length (Ballast), 46.40m Mid Point Manifold Aft (Ballast), 37.60m Mid Point Manifold Forward (Laden), 92.00m Parallel Body Length (Laden), 54.40m Mid Point Manifold Aft (Laden), 82.98m Bow to Centre Manifold, 0.250m Manifold Discharge Diameter

Tanks

6 Steel (Unspecified) Port Cargo Tank(s), 6 Unknown Starboard Cargo Tank(s), 1 Steel (Unspecified) Port Slop Tank(s), 1 Unknown Starboard Slop Tank(s), 13 Grades (cargo segregations)

Cargo Tank: Siloxirane (MarineLINE). Slop Tank: Siloxirane (MarineLINE).

Machinery Overview

1 oil engine reduction geared to screw shaft driving 1 CP propeller Total Power: Mcr 6,300kW (8,565hp) Service Speed: 13.50kts Speed & Consumption: 14.00 knots on 23.50 tonnes per day

Auxiliary Engines

Design: Hyundai Himsen, Engine Builder: Hyundai Himsen 3 x 5H21/32, 4 Stroke 5Cy. 210 x 320, Mcr: 960 kW

Auxiliary Generators

3 x 900kW a.c., 1 x 1,500kW a.c. main engine driven

Bunkers

Fuel: distillate fuel: 77 cu m, residual fuel: 708 cu m

Speed (kn) At Consumption (t)

14.00	23.50
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Prime Mover Detail

Design: MaK (Group: Caterpillar), Engine Builder: Caterpillar Motoren GmbH & Co. KG - Germany 1 x 7M43C, 4 Stroke, Single Acting, In-Line (Vertical) 7 Cy. 430 x 610, Mcr: 6,300 kW (8,565 hp) at 500 rpm

Thrusters

1 Tunnel thruster (f) 787kW(1,070bhp)

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