



The UT 717 CDX vessel Songa Discoverer is a high class Multi Purpose Vessels with Standby Class, FiFi II and Oil Recovery capacity. Built in Norway by Vard Langsten, yard no. 813 delivered 2021. The vessel have good under deck capacity for liquid and dry bulk and abt 900m² cargo deck area. The vessel is certified with DNV according to Clean Design and with high comfort class (V-3).

Top Features

Large liquid bulk cargo capacities
 Good dry bulk cargo capacities
 Segregated mud system
 Large oil rec capacity - 1.600m³
 Standby Class

Key Specifications

Deadweight - 4.215 t
 Deck Load Capacity
 Cargo Deck Area - 900m²
 Brake Horsepower - 7.834 BHP/ 5.760 kW
 Auxiliary engines - 2 x 500 kW

ERN - 99, 98, 85, 73

UT 717 CDX DESIGN - SONGA DISCOVERER



General information

Vessel name	Songa Discoverer
Built	Vard Langsten 2021
Flag	NIS
Call Sign	LAQI8
IMO No.	9741281

Class Notation - DNV

1A1, Ice C, SF, EO, Dynpos AUTC, Clean Design, LFL*, Oilrec, Comf-V(3), Mon, DK(+), FiFi2, HL(2,8), Naut-OSV(A), Standby

Dimensions

Length (LOA)	86 m
Beam	18,5 m
Summer Draft	6,1 m
Deck Area	900 m ²
Deadweight	4.215 t
GT (ITC 69)	3.644 t

Deck Capacities

Deck Load Capacity	2.500 t
Deck Strength	5 t/m ²
Gross Deck area	900 m ²
Net Deck Area	Abt. 875 m ²
Length x Width, net area: 57,3 m x 15,7 m	

Engine & Propulsion

Main Engine	2 x 2.880 kW Bergen Engine C25:33
Main Generator	2 x 2.400 kVA Stamford
Auxiliary Engine	2 x 500kW
Main Propellers	2 x RRM Propulsion Gearbox 750 AGHC
Bow Trusters	1 x 810kW RRM TT1850 DPN CP
Bow Thruster Azimuth	1 x 880kW RRM TCNS 73/5-180 CP
Stern Thruster	2 x 590kW RRM TT1650 DPN CP

Dynamic Position System

Type	MT Bridgemate DP2
Reference system	1 x CyScan, 1 x Radascan, 2 x Veripos
Motion Reference	2 x TSS SG Gyros, 1 x JRC JRL-31 GPS Compass, 3 x MRU R/P-535, 2 x Windsensor Deif WSS-L

Tank Capacities

Fuel Oil (incl. dual tks)	981 m ³	1 x 200m ³ / h @ 9 bar
Base Oil	260 m ³	1 x 150m ³ / h @ 9 bar
Mud (incl. dual tks)	1458 m ³	2 x 75m ³ /h @18 bar
Brine (incl. dual tks)	1735 m ³	1 x 75m ³ /h @18 bar
FW	969 m ³	1 x 200m ³ / h @ 9 bar
Methanol LFL*	192 m ³	2 x 80m ³ /h @18 bar
DW/ BW	1824 m ³	1 x 150m ³ / h @ 9 bar

Dry Bulk 271,5 m³ 2 x 34,5m³/ min

ORO 1651 m³

NOTE: All tanks can not be filled simultaneously.

Multiple tank structure; selectable layout for customer.

Deck Equipment

Windlass	1 off Odim Double Anchor Mooring
Tugger Winches	2 off RRM Brattvaag 15 ton
Capstans	2 off Odim Capstan, 10 ton
Cargo Securing Winches	6 off Odim securing winches, 4,6 ton
Deck Crane	1 x deck crane, 7t@7,38m/ 1,85t@20m
FRC Davit	1 off Aukra AMDT - 3700
FRC	1 off GTC 700-2VD
Life Rafts	Viking, 4 x 25 person

Performance

Max Speed	15 knop - 23,5 t/ 24h
Average above Eco Speed	11,3 knop - 17,3 t/ 24h
Eco Speed	8 knop - 7,5 t/ 24h
DP Operation	8,2 t/ 24h
Standby outside Safety Zone	3,15 t/ 24h

Port 1,21 t/ 24h

Accommodation

Person capacity	26 persons
Cabins	14 x 1-man + 6 x 2-man

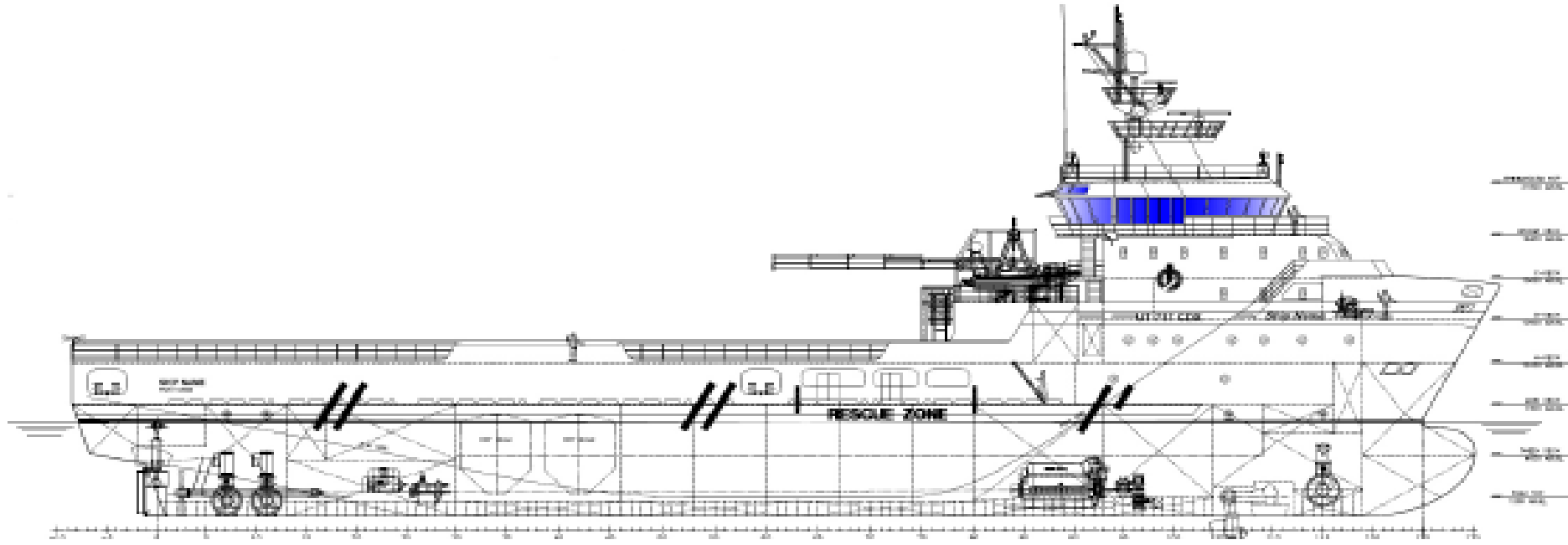
Hospital/ Rescue

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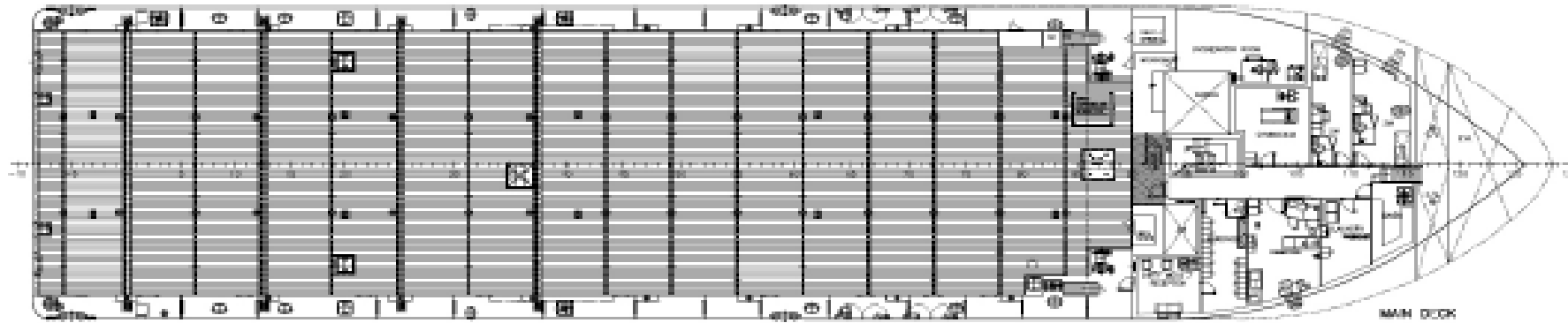
Tank Capacities Table

UT 717 CDX - Songa Discoverer @ 100%													
Tank no	Description	SG (t/m ³)	Volume (m ³)	BW/ DW	FW	FO	Mud	Brine	Base Oil	Metanol		Dry bulk	ORO
101	BW/ DW Forepeak	1,025	57,50	57,50									
102	BW/ DW PS DB	1,025	40,10	40,10									
103	BW/ DW SB DB	1,025	41,70	41,70									
104	BW/ DW PS DB	1,025	48,10	48,10									
105	BW/ DW SB DB	1,025	47,70	47,70									
106	BW/ DW PS DB	1,025	98,50	98,50									
107	BW/ DW SB DB	1,025	98,50	98,50									
108	BW/ DW PS DB	1,025	98,60	98,60									
109	BW/ DW SB DB	1,025	98,60	98,60									
110	BW/ DW PS DB	1,025	71,20	71,20									
111	BW/ DW SB DB	1,025	72,00	72,00									
112	BW/ DW C DB	1,025	31,50	31,50									
113	BW/ DW SB Wing	1,025	62,50	62,50									
114	BW/ DW SB Wing	1,025	62,50	62,50									
115	BW/ DW SB Wing	1,025	76,60	76,60									
116	BW/ DW SB Wing	1,025	102,30	102,30									
117	BW/ DW SB Wing	1,025	29,90	29,90									
118	BW/ DW SB Wing	1,025	22,20	22,20									
119	BW/ DW SB Wing	1,025	51,90	51,90									
120	BW/ DW SB Wing	1,025	51,90	51,90									
121	BW/ DW SB Wing	1,025	52,20	52,20									
122	BW/ DW SB Wing	1,025	52,20	52,20									
123	BW/ DW PS Aft Peak	1,025	65,20	65,20									
124	BW/ DW SB Aft Peak	1,025	65,20	65,20									
125	BW/ DW Roll Red. Tk	1,025	153,20	153,20									
126	BW/ DW Roll Red. Tk	1,025	173,10	173,10									
201	FW PS	1,000	110,50		110,50								
202	FW SB	1,000	98,10		98,10								
203	FW PS Wing	1,000	58,40		58,40								
204	FW SB Wing	1,000	58,40		58,40								
205	FW PS	1,000	71,90		71,90								
206	FW SB	1,000	71,90		71,90								
207	FW PS	1,000	185,90		185,90								
208	FW SB	1,000	185,90		185,90								
209	FW Forepeak upper	1,000	128,80		128,80								
301	FO/ BRI	2,800	107,40			107,40		107,40					
302	FO/ BRI	2,800	107,40			107,40		107,40					
303	FO/ BRI	2,800	62,20			62,20		62,20					
304	FO/ MUD/ BRI/ ORO	2,800	87,70			87,70	87,70	87,70					87,70
305	FO/ MUD/ BRI/ ORO	2,800	87,70			87,70	87,70	87,70					87,70
306	FO/ MUD/ BRI/ ORO	2,800	87,70			87,70	87,70	87,70					87,70
307	FO/ MUD/ BRI/ ORO	2,800	90,40			90,40	90,40	90,40					90,40
308	FO	0,900	21,90			21,90							
401	MUD/ BRI/ FO/ ORO	2,800	135,90			135,90	135,90	135,90					135,90
402	MUD/ BRI/ ORO	2,800	135,90				135,90	135,90					135,90
403	MUD/ BRI/ ORO	2,800	135,90				135,90	135,90					135,90
404	MUD/ BRI/ ORO	2,800	135,90				135,90	135,90					135,90
405	MUD/ BRI/ ORO	2,800	135,90				135,90	135,90					135,90
406	MUD/ BRI/ ORO	2,800	135,90				135,90	135,90					135,90
407	MUD/ BRI/ ORO/ BSO	2,800	144,70				144,70	144,70	144,70				144,70
408	MUD/ BRI/ ORO/ BSO	2,800	144,70				144,70	144,70	144,70				144,70
451	FO/ MET/ ORO	1,000	96,40			96,40				96,40			96,40
452	FO/ MET/ ORO	1,000	96,40			96,40				96,40			96,40
501	Drybulk	2,400	54,30									54,30	
502	Drybulk	2,400	54,30									54,30	
503	Drybulk	2,400	54,30									54,30	
504	Drybulk	2,400	54,30									54,30	
505	Drybulk	2,400	54,30									54,30	
All capacities @ 100%			m3 ->	1 824,90	969,80	981,10	1 458,30	1 735,30	289,40	192,80		271,50	1 651,10
			ton ->	1 870,52	872,82	981,10	4 083,24	4 858,84	260,46	192,80		651,60	1 651,10
				BW/ DW	FW	FO	Mud	Brine	Base Oil	Metanol		Dry bulk	ORO

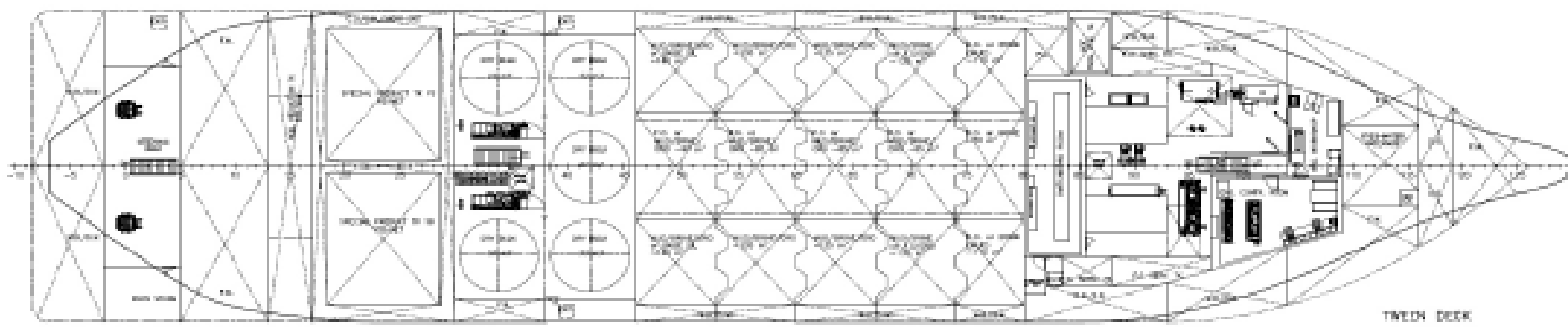
Profile



Main Deck



2nd Deck



Tank Top

