

Sea Goldcrest

IMO - 9692612
Call Sign - LAMG5

DWT - 5000 MT
Design - WSD 1000 MPSV
Built - 2019



REMØY SHIPPING

www.solstadfarstad.com



Sea Goldcrest

Sea Goldcrest is a Wartsila designed PSV built to meet the increasing demands of offshore operations. The vessel is delivered as a complete package at Wartsila's high standard of design, main power generation, propulsion, electrical and automation system. The vessel is also equipped with Wartsila's Low Loss Concept which results in significant fuel savings and lower emission levels than standard diesel electric vessels. Sea Goldcrest represents the next generation of PSV design; efficiency and flexibility hand in hand with a high level of capability.

Sister vessel
Sea Gull

Technical data

GENERAL

Built / Yard	2019 / Fujian Mawei Shipbuilding, China
Design	WSD1000
Classification Society	ABS
Class notation	+A1, OFFSHORE SUPPORT VESSEL, SUPPLY, Circle E, +AMS, +ACCU, ENVIRO, SUPPLY HNLS, +DPS2, HAB(WB), SPS, FFV-1, OSR-S1 (Methanol/LDHI tanks), UWILD, CRC
Flag	NIS
IMO no.	9692612
MMSI	257380000
Call Sign	LAMG5

PRINCIPAL DIMENSIONS

LOA	88.80 m
LPP	77.20 m
Breadth Moulded	20.00 m
Depth Moulded	8.40 m
Summer/Max Draft	6.90 m
Displacement	8990 mt
NRT	1494 mt
GRT	4250 mt
DWT	5000 mt

MACHINERY & POWER

Power	10460 bhp
Main engines	4 x Wartsila 6L26 1,950 kW / 2,614 BHP
Bow Thrusters	2 x 900 kW / 1206 BHP Tunnel Thrusters
Stern Thrusters	2 x 2500 kW / 3352 BHP steerable thrusters,
Emergency Generator	1 x 250 kW

DYNAMIC POSITION SYSTEM

DP System type	GE SEASTREAM DP
DGPS	Veripos LD5-GG2
Optical	Cyscan Mk4
Diff Correction	Fugro Seastar
Radar Based	RadaScan
HPR	Sonardyne prepared,

NAVIGATION EQUIPMENT

X-band Radar	Furuno FCR-2119
S band Radar	Furuno FAR-2137S
Electronic chart system	Furuno EC-3000
Autopilot	C. Plath NAVIPILOT 4000
GPS	Furuno GP-170
Echosounder	Furuno FE-8010/FE-8020
Navtex	Furuno NX-7001 / NX-700A / NX-7H
Standard Compass	NIS flag exemption
Gyro Compass	C. Plath NAVIGAT X MK1
Wind sensor	Observator OMC-/160/167
AIS	Furuno FA-1501+FA-1502
Speed log	Furuno DS-801/RD-20

PERFORMANCE

Max Speed	14 knots
Eco Speed	8 knots
Service Speed	10 knots
Consumption Max Speed	27 m3/day
Consumption Eco Speed	8.5 m3/day
Consumption Service	12 m3/day
Consumption on DP	7.2 m3/day
Consumption Standby	3.8 m3/day
Consumption in port	1.8 m3/day

Technical data

CARGO DECK

Deck area	1000 m2
Deck load	2650 mt
Deck Strength	10 mt/m2
Reefer outlet capacity	6 x (450V / 60Hz/16A)
Deck crane	1 x SWL 5 mt @ 12m
Deck dimensions	64.45m x 17m

TANK CAPACITIES / EQUIPMENT

Fuel Oil	1,001 m3 / 6,296 bbls
Pot Water	852 m3 / 3308 bbls
Drill/Ballast Water	1,718 m3 / 10,805 bbls
Mud	963 m3 / 6,057 bbls
Brine	550 m3 / 3,459 bbls
Base Oil	412 m3 / 2,591 bbls
Methanol	512 m3 / 3,220 bbls
Dry Bulk	311 m3 / 10,978 cuft
Slop	38.7 m3
Washing System	Yes, hot water
ORO class I	512 m3 / 3,220 bbls
ORO class II	1,080 m3 / 6,793 bbls

DISCHARGE CAPACITIES

Fuel Oil	2 x150 m3/hr @ 8 bar
Pot Water	2 x150 m3/hr @ 8 bar
Drill/Ballast Water	2 x150 m3/hr @ 8 bar
Mud	3 x100 m3/hr@20bar
Brine	2 x100 m3/hr@20bar
Base Oil	2 x150 m3/hr @ 8 bar
Methanol (Combi LFL/ ORO)	4 x75 m3/hr @7.2 bar
Special product / LDHI (Combi LFL/ORO)	4 x 75 m3/hr @ 9 bar
ORO (Combi LFL/ORO)	4 x 75 m3/hr @ 5 bar

FIFI / DISPERSANT SYSTEM

FiFi Type	Fire Fighting Systems – External Fi-Fi
FiFi Class	Fi-Fi Class 1
Water Monitor Type	2 x Jason1200LB
Water Monitor Capacity	1200m3/hr @11 bar
Height/Length of Throw	50 m / 120m
Fire Pump Capacity	2 x 1200 m3/hr

TUGGER / CAPSTAN / WINDLASS

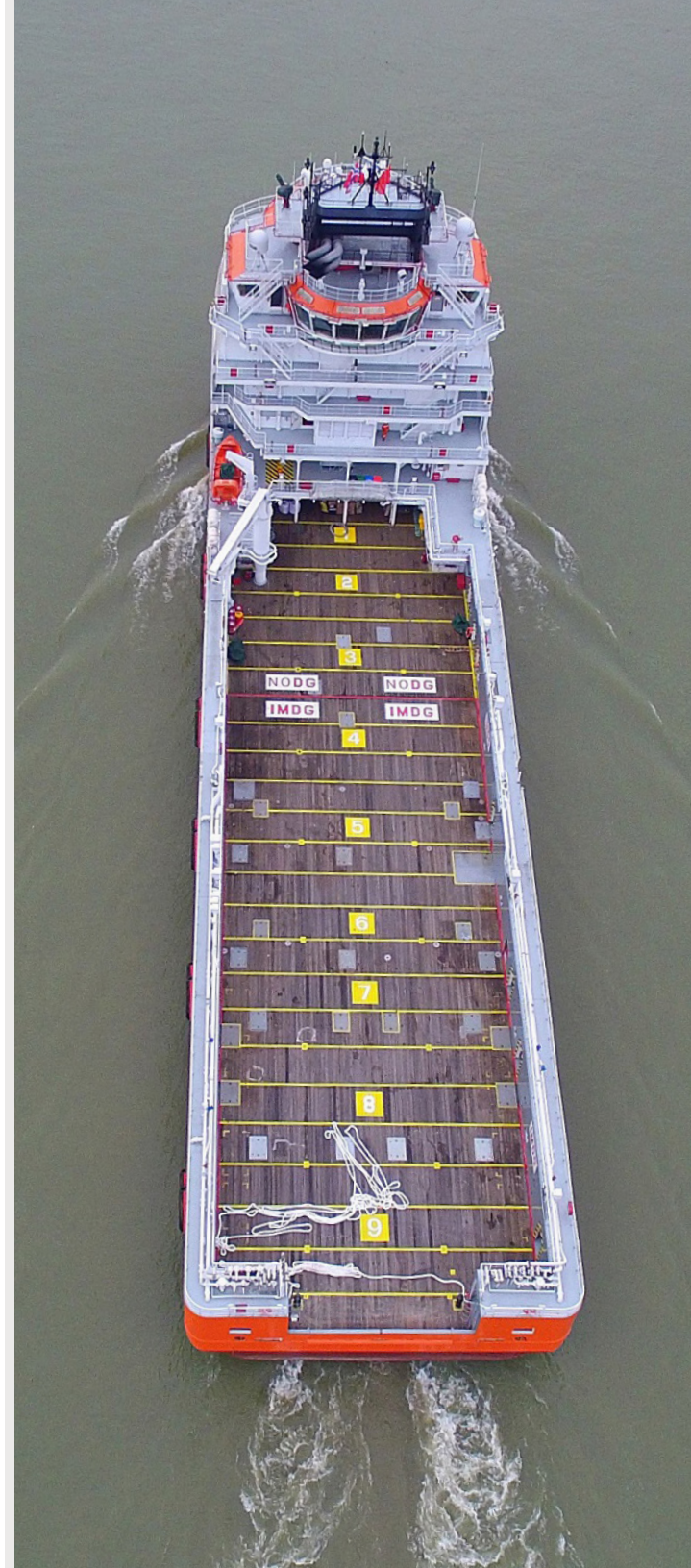
Tugger winch type / capacity	2 x Cargotec 10 mt
Capstan type / Capacity	2 x Cargotec 10 mt
Windlass	2 x Cargotec 18 mt pull

LIFE SAVING EQUIPMENT

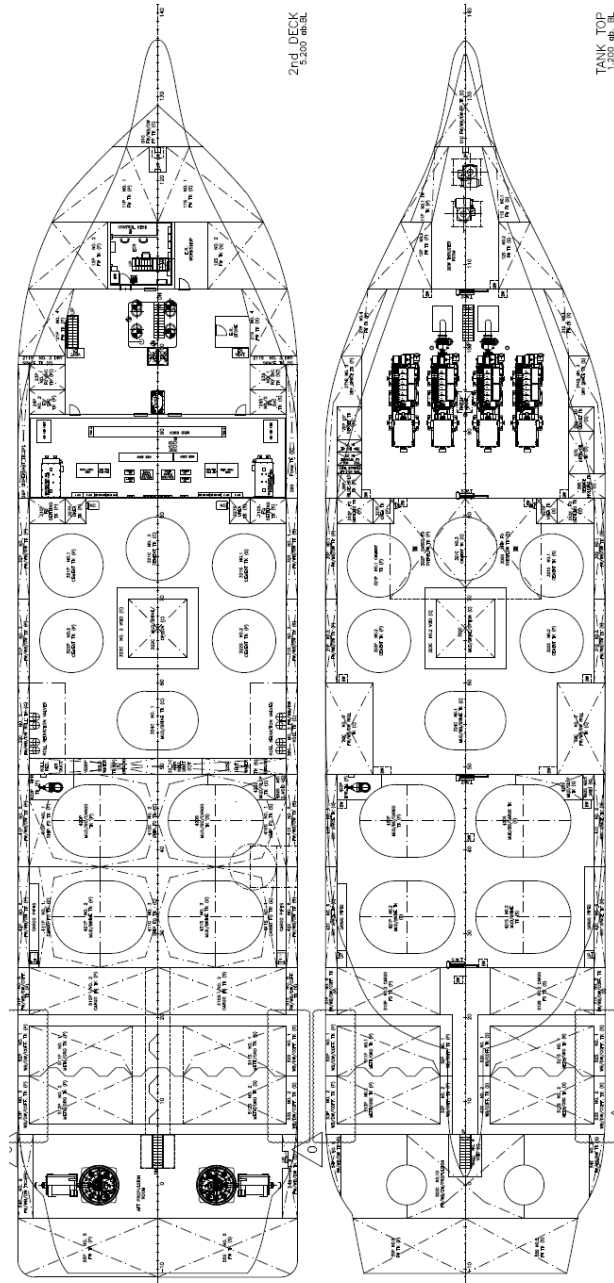
MOB / Rescue Boat	15 man, NOREQ-FRB 650 236 BHP
Liferafts	6 x Viking 25DK, 2 x Viking 16DK
Lifejackets	SOLAS compliant
Davit	Harding NPD53500H
Emergency Beacon	SOLAS compliant
Hospital	SOLAS compliant
Dacon Scoop	Yes

ACCOMODATION

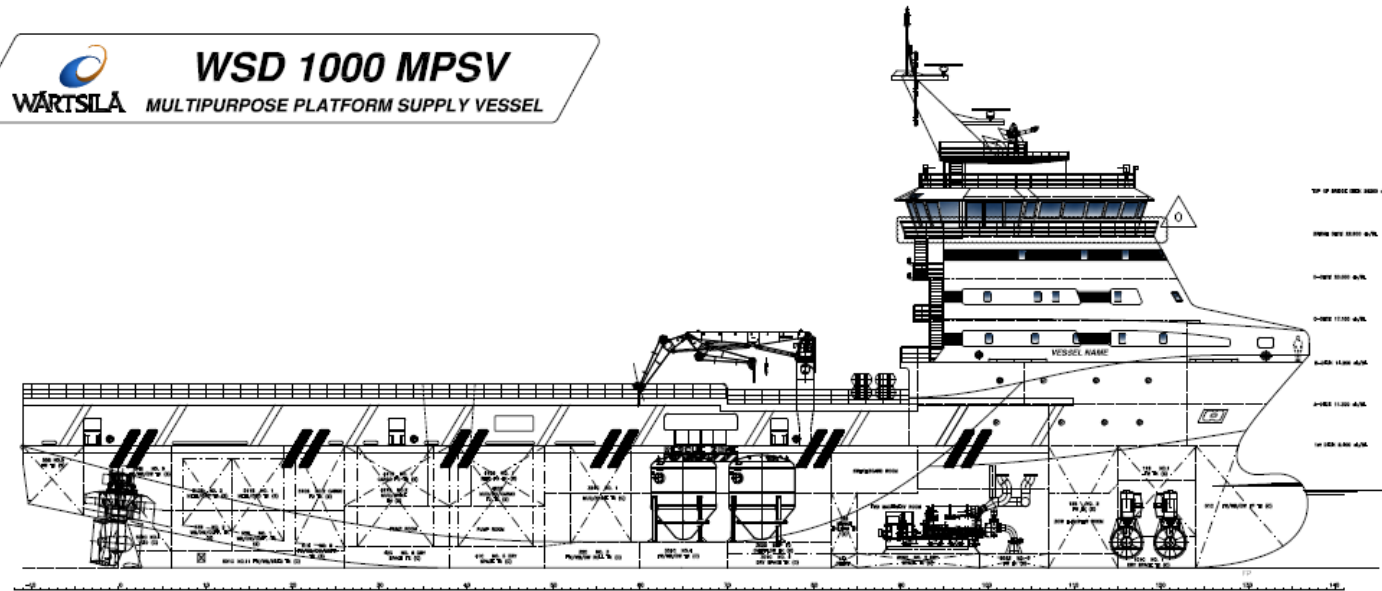
Total numer of bunks	60
1 Man Cabin	8
2 Man Cabin	16
3 Man Cabin	NIL
4 Man Cabin	5
Facilities	2 x Day Room, 1 Mess Room, 1 Client Office, 1 conference room, 1 x Gymnasium



TANK LAYOUT & CAPACITIES



Tank name	Volume (m3) - 100%	Fuel oil (0,9)	FW (1,000)	DW (1,000)	BW (1,025)	Liquid mud (2,500)	Brine (2,500)	Base oil (0,830)	Dry Bulk (2,400)	Methanol (0,8)	ORO (0,86)
12P - No. 2 FW Tk (P)	121,50		121,50								
125 - No. 2 FW Tk (S)	121,50		121,50								
55P - No. 5 FW Tk (P)	141,60		141,60								
555 - No. 5 FW Tk (S)	141,60		141,60								
01C - FW / BW / DW	104,50		104,50	104,50	104,50						
304C - No. 4 FW / WB / DW Tk (C)	172,90		172,90	172,90							
30P - No. 1 FW / WB / DW Tk (P)	37,30		37,30	37,30							
305 - No. 1 FW / WB / DW Tk (S)	37,30		37,30	37,30							
31P - No. 2 FW / WB / DW Tk (P)	31,20		31,20	31,20							
315 - No. 2 FW / WB / DW Tk (S)	31,20		31,20	31,20							
32C - No. 3 FW / WB / DW Roll Tk (C)	400,90		400,90	400,90	400,90						
32_1C - Anti Roll Duct	22,60			22,60	22,60						
401C - No. 7 FW / BW / DW Tk (C)	78,80		78,70	78,80	78,80						
41P - No. 5 FW / WB / DW Roll Tk (P)	22,90		22,90	22,90							
415 - No. 5 FW / WB / DW Roll Tk (S)	22,90		22,90	22,90							
42P - No. 6 FW / WB / DW Roll Tk (P)	25,00		25,00	25,00	25,00						
425 - No. 6 FW / WB / DW Roll Tk (S)	25,00		25,00	25,00							
501C - No. 11 FW / WB / DW / SKEG TK (C)	35,30		35,40	35,40	35,40						
503C - No. 11 FW / WB / DW / Propulsion	36,30		36,30	36,30	36,30						
51P - No. 8 FW / WB / DW Coff Tk (P)	45,10		45,10	45,10	45,10						
515 - No. 8 FW / WB / DW Coff Tk (S)	45,10		45,10	45,10	45,10						
52P - No. 1 WB / DW Coff Tk (P)	138,00			138,00	138,00						
525 - No. 1 WB / DW Coff Tk (S)	138,00			138,00	138,00						
53P - No. 1 WB / DW Coff Tk (P)	114,40			114,40	114,40						
535 - No. 1 WB / DW Coff Tk (S)	114,40			114,40	114,40						
54P - No. 9 FW / WB / DW Tk (P)	20,50		20,50	20,50	20,50						
545 - No. 9 FW / WB / DW Tk (S)	18,70		18,70	18,70	18,70						
11P - No. 1 FW Tk (P)	78,50			78,50							
115 - No. 1 FW Tk (S)	78,50			78,50							
201P - No. 3 FW Tk (P)	26,20			26,20							
2015 - No. 3 FW Tk (S)	26,20			26,20							
21P - No. 1 FW Tk (P)	58,80			58,80							
215 - No. 1 FW Tk (S)	58,80			58,80							
205P - Clean FO Tk (P)	6,40	6,40									
23P - No. 1 FO SVC Tk (P)	13,20	13,20									
235 - No. 1 FO SVC Tk (S)	13,20										
24P - No. 1 FO SVC Tk (P)	14,20	14,20									
245 - No. 1 FO SVC Tk (S)	14,20	14,20									
3025 - Ship FO Overflow Tk (S)	28,80										
310P - FO Settling Tk (P)	30,40	30,40									
3105 - FO Settling Tk (S)	30,40	30,40									
410C - No. 2 Ship FO Tk (C)	106,60	106,60									
410P - No. 2 Ship FO Tk (P)	47,70	47,70									
4105 - No. 2 Ship FO Tk (S)	47,70	47,70									
411C - No. 3 Ship FO Tk (C)	122,90	122,90									
302P - Cargo FO Overflow Tk (P)	29,00	29,00									
411P - No. 1 Cargo FO Tk (P)	70,30	70,30									
4115 - No. 1 Cargo FO Tk (S)	66,80	66,80									
510P - No. 2 Cargo FO Tk (P)	180,20	180,20									
5105 - No. 2 Cargo FO Tk (S)	180,20	180,20									
420P - Mud / BO / Cargo FO Tk (P)	206,40	206,40				206,40		206,40			
4205 - Mud / BO / Cargo FO Tk (S)	206,40	206,40				206,40		206,40			
322C - Mud / Brine / Option (C)	118,40					118,40	118,40				
324C - No. 1 Mud / Brine Tk (C)	137,60					137,60	137,60				
421P - No. 2 Mud / Brine Tk (P)	206,50					206,50	206,50				
4215 - No. 2 Mud / Brine Tk (S)	206,50					206,60	206,50				
321C - No. 3 Cement Tk (C)	62,30								62,30		
321P - No. 1 Cement Tk (P)	62,30								62,30		
3215 - No. 1 Cement Tk (S)	62,30								62,30		
322P - No. 2 Cement Tk (P)	62,30								62,30		
3225 - No. 2 Cement Tk (S)	62,30								62,30		
511P - No. 1 Meth / ORO Tk (P)	126,10									126,10	126,10
5115 - No. 1 Meth / ORO Tk (S)	130,00									130,00	130,00
512P - No. 2 Meth / ORO Tk (P)	125,30									125,30	125,30
5125 - No. 2 Meth / ORO Tk (S)	131,50									131,50	131,50
Total		1415,00	1801,10	1718,40	1718,40	1081,90	669,00	412,80	311,50	512,90	512,90
Weight (MT)		1273,50	1801,10	1718,40	1761,36	2704,75	1672,50	342,62	747,60	410,32	441,09

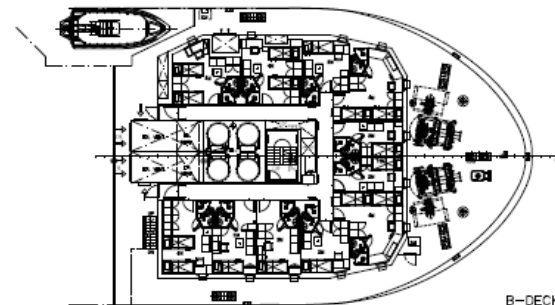


PROFILE

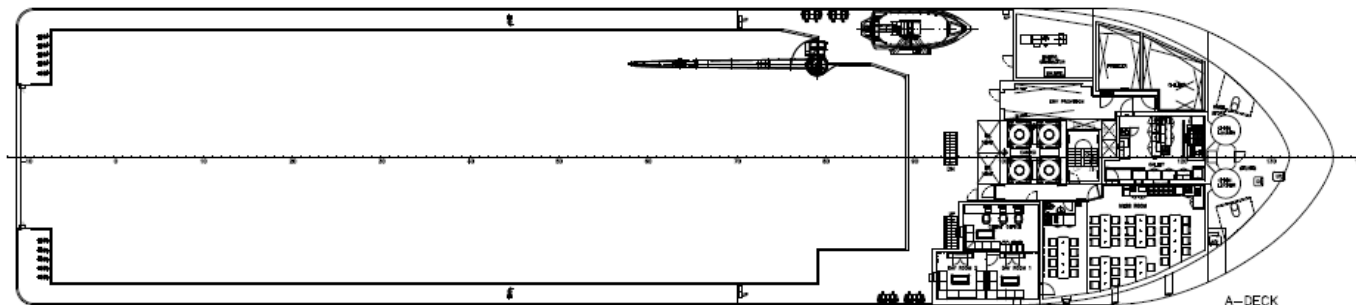
TOP OF BRIDGE DECK
26,200 ab.SL

CABIN PLAN

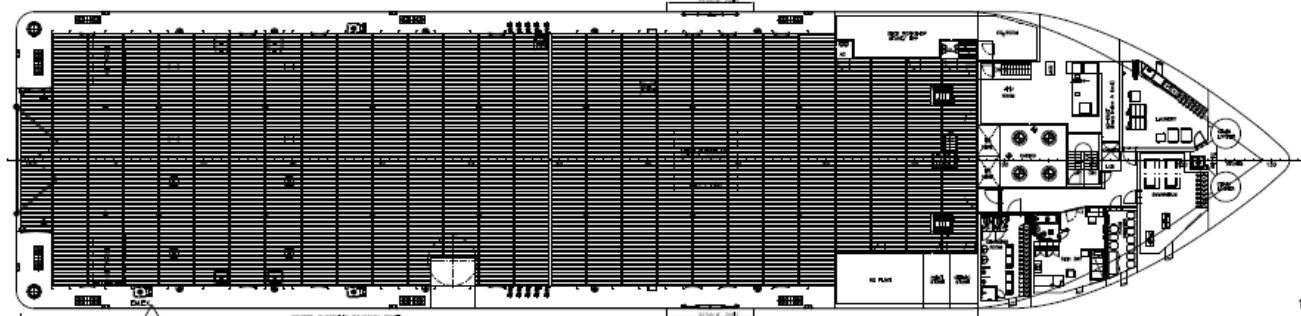
	1 Man Cabins	2 Men Cabins	4 Men Cabins	TOTAL Cabins
D-DECK:	2 Pers.	8 Pers.	—	6 Cabins
C-DECK:	6 Pers.	12 Pers.	—	12 Cabins
B-DECK:	—	12 Pers.	20 Pers.	11 Cabins
TOTAL Pers:	8 Pers.	32 Pers.	20 Pers.	60P/29Cab.



B-DECK
14,200 ab.SL



A-DECK
11,300 ab.SL



1st DECK
8,400 ab.SL