

# LYDIA D

SPECIAL SERVICE MULTI PURPOSE VESSEL  
DP1



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# LYDIA D

## SPECIAL SERVICE MULTI PURPOSE VESSEL DP1

### GENERAL

BASIC FUNCTION	Multi purpose & AHT Vessel
BUILDING YEAR	2011
TYPE	EUROTUG 3110
CLASSIFICATION	BV I HULL, AUT-UMS ICE CLASS IB MACH, Tug
NAVIGATION	Unrestricted
FLAG	FRENCH
PORT OF REGISTRY	MARSEILLE
MMSI N°	228098900
IMO N°	9582764
CALL SIGN	FJZS

### DIMENSIONS

LENGTH O.A	31.05 M
BEAM O.A.	10 M
DRAFT	3.40 M
TONNAGE	306 T
NET TONNAGE	91 NT
BOLLARD PULL	51 T
CLEAR DECK AREA	76 M2
TOTAL CARGO DECK	37 T
CARGO DECK LOAD	5 T / M2

### CAPACITIES

FUEL CAPACITY	146 M <sup>3</sup> (transfer cap approx. 90%)
FRESH WATER	32 M <sup>3</sup> (transfer cap approx. 90%)

### MACHINERY

MAIN ENGINE	2x CAT 3512B Twin screw, 4-blade fixed pitch props ø2200 mm
MAX SPEED	11,5 KTS Cons 600 l/h
CRUISING SPEED	8,5 KTS Cons 230 l/h
TOWING SPEED	4 KTS Cons 334 l/h
GENERATOR SETS	2 x CAT C6.6 ACERT
POWER SUPPLY	1 x 156 kvA, 1 x 148 KvA Cons 300l/d -> stand by
GENERATOR HYDRAULIC	1 x CAT C18 TA-B Cons 400 l/h
BOW THRUSTER	360 kW, 360 degrees

### DECK MACHINERY

TOWING WINCH	1x 50 ton pull, 125-ton hold, drum capacity 1000 m ø48 mm
TOWING PINS	Hydraulic 3 pins + 1 chain stopper
ANCHOR HANDLING WINCH	1x 100 ton pull, 125-ton hold, drum capacity 450 m ø48 mm
AUXILIARY TUGGER WINCH	1x 15 ton pull
HYDRAULIC CRANE	Heila HLRM 200-20-4 SL with winch 8-ton single line

### POWER SUPPLY

GENERATOR SET	2 x CAT C6.6 ACERT 1 x 156 kvA, 1 x 148 KvA Cons 300l/d -> stand by
GENERATOR HYDRAULIC	1 x CAT C18 TA-B Cons 400 l/h
EMERGENCY GENERATORS	100 KVA 6D16T

### CONTROL AND NAVIGATION

RADAR	Furuno FAR 2117
DGPS	x2 Trimble Marinestor 9205
GPS	x1 Furuno GP-150
SOUNDER	Furuno FE 700
DP SIREHNA	
FANBEAM MDL F01975	
AIS FURUNO FA-150	
GYROCOMPASS	x3 Anschutz STD 22 compact

### COMMUNICATION

VSAT	Thalos system
Internet on board	

### SAFETY

Full compliance for 12 pax, A1, A2, A3 aréa.

### ACOMODATION

CAPACITY	16 (9 pax + 7 crew members)
CABINS	3 x Single cabin 2 x Double cabin

MESS ROOM, SANITARY, FOOD STORE, CENTRAL  
HEATED, AIR CONDITIONNING



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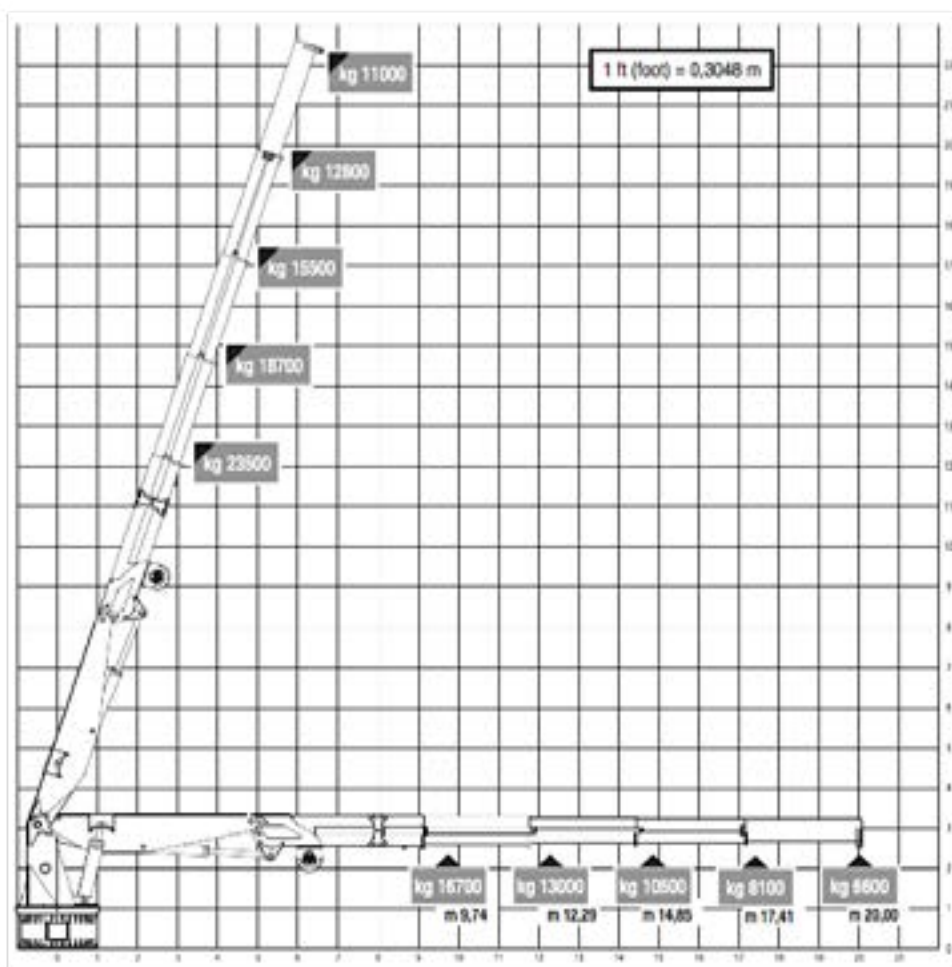
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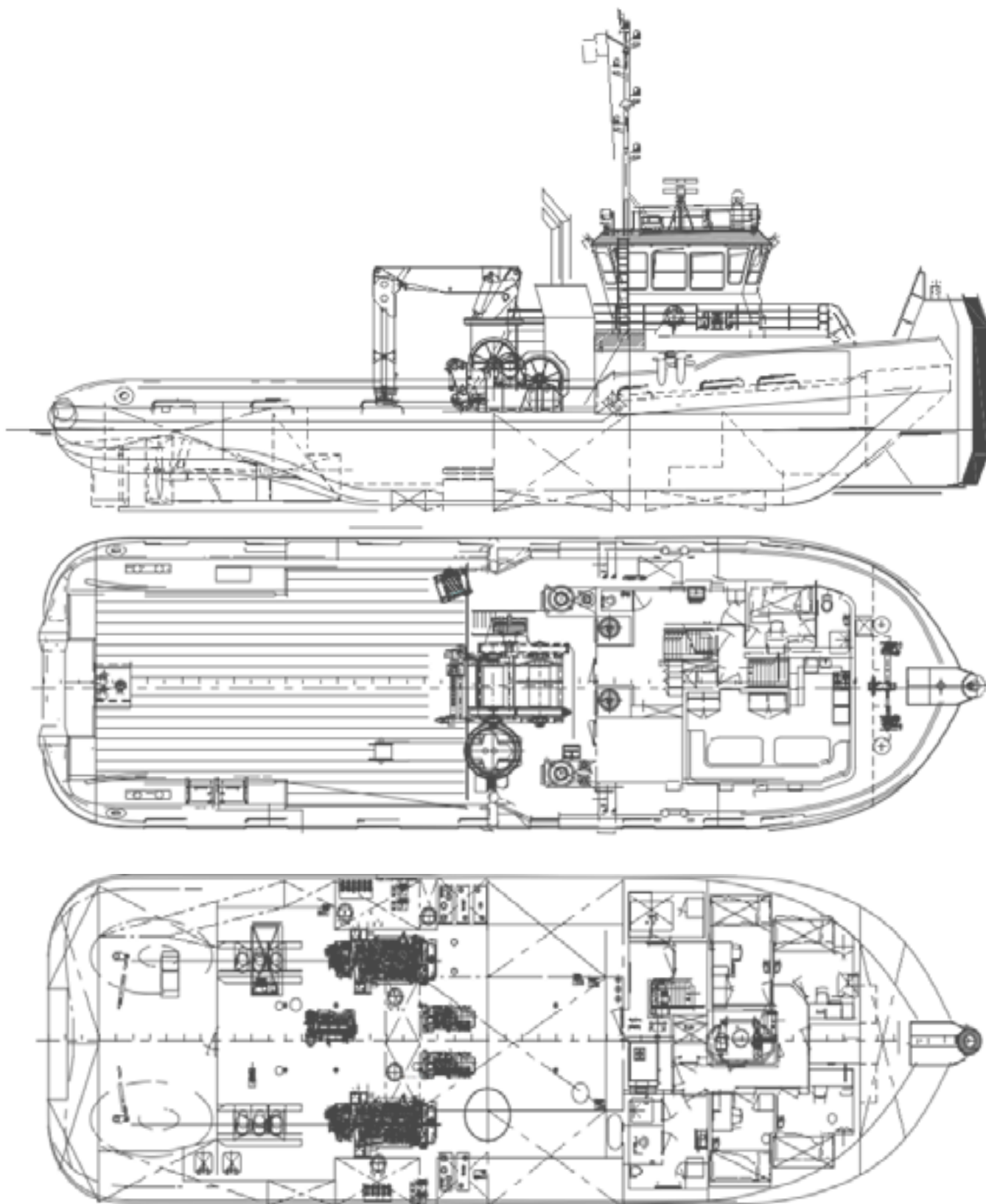
## SPECIAL SERVICE MULTI PURPOSE VESSEL DP1

HEILA HLRM 200-20-4 SL



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