

# ALP STRIKER | 312<sup>mt</sup> Bollard Pull

## General Data

CALLSIGN	PDDI
FLAG	The Netherlands
PORT OF REGISTRY	Rotterdam
IMO NUMBER	9737230
BUILT	2016 - Niigata Shipbuilding, Japan
DESIGN	Ulstein SX 157
CLASSIFICATION	⊛ 1A1 Fire fighter(II) Offshore service vessel(+, Anchor handling, Towing) BIS BWM(T) Clean(Design) COMF(V-3) DYNPOS(AUTR)
E0 Ice(1B) NAUT(OSV(A)) Recyclable SF TMON	DP NOTATION
DP 2 with external force module	BOLLARD PULL
312 mt 2020	MAXIMUM SPEED
19,0 kts	ECO SPEED
9,0 kts	

## Main Dimensions

LENGTH O.A.	88,51 mtr
LENGTH B.P.	84,94 mtr
BEAM O.A.	21,00 mtr
DEPTH TO MAINDECK	9,50 mtr
SUMMER DRAUGHT	7,95 mtr
DEADWEIGHT	4.230,3 mt
GROSS TONNAGE	5.901 mt
NETT. TONNAGE	1.771 mt
CARGO DECK AREA	550 m <sup>2</sup>
DECK LOAD	10 mt / m <sup>2</sup>
CHAIN LOCKER CAPACITY	2x 255,6 m <sup>3</sup>

## Equipment

TOWING WINCH	Rolls Royce / Brattvaag mod. SL400-3T
1st speed: 401 mt @ 0-13 m/min	BRAKE HOLDING LOAD
600 mt on 1st layer, 675 mt on 1st layer static load	DRUMS CAPACITY
3x 2.000 mtr x 83 mm Ø	CONTROL
Remote controlled from bridge	CABLE LIFTERS
500 mt @ 0 - 9m/min, 2x 76 mm Ø 1x 127 mm Ø	MAIN TOW WIRES
2.000 mtr x 83 mm Ø	SPARE TOWING WIRES
2.000 mtr x 83 mm Ø	WORK WIRES
400 mtr x 83 mm Ø	STORAGE REELS
2 compartments: 2.335 mtr and 550 mtr of 86 mm Ø wire	3 compartments: 990 mtr of 86 mm Ø wire
STERN ROLLER	2.000 mm Ø, total Length 5.000 mm, 650 mt SWL
DECK WINCH	2x 30 mt pull GOG winch @ 0 - 12 m/min 38 mm Ø,
Capacity 720 mtr x 42 mm Ø wire	1x 15 mt pull Tugger winch @ 0 - 30 m/min 28 mm Ø,
Capacity 710 mtr x 28 mm Ø wire	CAPSTANS
2x Rolls Royce, 13,2 mt pull @ 0 - 10 m/min	TOWING PINS
2x Karmoy set of 2 pins 450 mm Ø 300 mt SWL	KARM FORKS
2x Karmoy 500 mm Ø 600 mt SWL	inserts For Chain 50 mm Ø - 125 mm Ø - 165 mm Ø
QUARTER PINS	2x popup pins 450 mm Ø 300 mt SWL
GIPSY WHEELS	For Chain: (Detachable up to max of 165 mm Ø)
2x 76 mm Ø: Six Pockets width 398 mm and 2.190 mm Ø	2x 84 mm Ø: Six Pockets width 425 mm and 1.600 mm Ø
2x 92 mm Ø: Five Pockets width 461 mm and 1.545 mm Ø	ROV PREPARATION
1x dedicated mezzanine deck available for WROV and LARS	CRANES
Triplex (KNC-60/3.0/105/45).	Capacity SWL 3 mt at max 15 mtr
Capacity SWL 6 mt at max 10 mtr	

## Tank Capacities

BALLAST WATER	3.103,6 m <sup>3</sup>
FRESH WATER	307,6 m <sup>3</sup>
MAIN ENGINES	3.183 m <sup>3</sup>
AUXILIARY GENERATORS	349 m <sup>3</sup>
ENDURANCE AT FULL POWER	49 days
ENDURANCE AT HALF POWER	84 days

## Machinery

MAIN ENGINES	18.000 kW / 600 Rpm 4 x 4.500 kW MAK 9M32C
PROPELLERS	4 blades, Berg CPP x 2 with fixed nozzles, 5.000 mm Ø
RUDDERS	Rolls-Royce electro-hydraulic rotary-vane.
Type: Flap rudder (SR743 FCP)	BOW THRUSTERS
2x Berg Tunel, CPP 22.4 mt @ 211 Rpm, 1.500 kWt,	2.550 mm Ø
STERN THRUSTERS	2x Berg Tunel, CPP 14.8 mt @ 306 Rpm, 1.050 kWt,
1.950 mm Ø	GENERATORS
3x CAT C32 940 kW @ 1.800 Rpm 60 Hz, 3 phase	SHAFT GENERATORS
2x AEM Shaft Gen 3.150 kWt @ 1.200 Rpm 60 Hz,	3 phase, Driven by ME

## Crew occupation

TOWING-19 crew   24 HR DP-21 crew   24 AH DP-22 crew
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## Accommodation

TOTAL ALLOWED PERSONS	35
CABINS	Single berth 25
Double berth 5	HOSPITAL
Single berth -Category A (24)	

