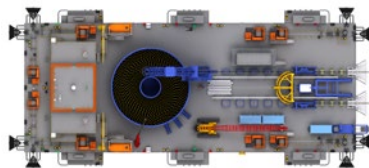


DP2 CABLE LAYING BARGE

# GL2030



Cable Laying Barge GL2030 is one of the most technically well proven cable laying barge.

She is equipped with a Dynamic Positioning System(DP2) with stern deck working to meet the multi-purpose offshore wind farm & construction works, especially for the submarine cable installation area, and Inspection ROV with TMS, 50/30ton Anchor winch systems, and has a cable stowage turntable capacity up to 4,000ton(Max. 5,000ton) with Tensioner.

DP2 CABLE LAYING BARGE

# GL2030

Specification	
Type of vessel	Cable Laying Barge
	Bureau Veritas (BV)
Classification	I ØHull ØMachBarge - Non Propelled, Special service (Cable Laying), Dynapos AM/AT R (DP2)
Ship name	GL 2030
Owner	LS marine solution
Flag	Republic of Korea
Port of registry	Busan, Korea
Year of built	2010. 07. 05. / Songkang Shipyard
Year of conversion	2022. 04. 09

Accommodations	
Accommodations	60 persons
Cabins	1(p) x 8, 2(p) x 20, 4(p) x 3
Public space	Gym 1, Office 2, Medical room 1, Galley 1, Messroom(60p) 1, Laundry 2, Changing 1, Recreation 1
Gontrol room	1
Life boat (w/davit)	2 x 32 persons
Life rafts	2 x 25 persons

Dynamic Positioning System	
DP System	GE DPS-21 (DP2)
Position Reference	GNSS, USBL, CYSCAN

Principal Dimensions	
Size (L x B x D)	92.5m x 36.0m x 5.8m
Gross tonnage	6,360.0ton
Deadweight	8,105.6ton
Net tonnage	1,908.0ton
Displacement	12,199.90ton
Max. draft	4.0m (Summer)
Freeboard	1.8m

Deck Area	
Work deck space	Abt. 2,600m <sup>2</sup>
Deck strength	15t/m <sup>2</sup>

Capacity	
Fuel oil	626.808(Full)
Fresh water	295.882(Full for usual)
Ballest water	4260.336

Thrusters	
Type	360° Steering, Z-drive unit Deck monunted azimuth thruster
Model	Thruster, ZF AT 5111 DM-FP Engine, Cummins KTA38-M2
Rate	825kW x 1,800RPM x 6Sets

Power Generation	
Main	2 x 1,200kW, 440V 60Hz
Auxiliary	1 x 328kW, 1 x 224kW, 220V 60Hz
Emergency	1 x 120kW, 440V 60Hz

Winches / Anchors	
Anchor winch	50t x 4set, 30t x 4Sets
Mooring system	8point
Anchor wire	Ø50mm x 1,000m x 4Sets Ø42mm x 1,000m x 4Sets
Anchors	Delta flipper, 6ton x 4EA