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# Cable Laying Vessels

Cable Laying Vessels are used during the installation phase of the offshore windfarm project. These vessels have huge carousels which allow cables to be stored without bending it too much. These vessels have cable guiding sheaves and appropriate installation devices. The main tasks involved are installation of export cables and interconnection of cables. As these vessels have to venture into deep sea, where weather is unpredictable and constantly altering, so these vessels are installed with Dynamic Positioning (DP) system which is a computer-controlled system to automatically maintain a vessel's position.

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### - Cable Laying Vessels

Sno.	Name of Vessel	Company	Builder	Year	Length (m)	Draught	Deck Area (sq.m)	Max Load(t)	Dynamic Positioning
1	iCLV 2500-22	-	Royal IHC	-	95	5.50m	1,200 sq.m	2,500	IMO DP-2
2	Issac Newton	Jan De Nul Group	Uljanik Shipyard	2015	138	7m	1,715	15t/m2	DP-2

3	Pierre de Femat	Orange Marine	VADD	2014	100.1	7.1m	A_Deck 380@10t/m2 B-Deck 150m2@10t/m2 50 m1 @ 5t/m2	2,300	DP Class 2, Converteam DPS21
4	Nexus	Van Oord	Damen Shipyards Group	2014	122.68m	5.82m	2,000m <sup>2</sup> (excluding cable components)	20 T/m2, 300T at bulkhead intersection, 200T at web frame intersection	DP-2
5	Ndurance	VBMS Samsung C&T Co.	ZPMC/ Shanghai Zhenhua Heavy Industries Co.Ltd	2013	99	4.80 m	2,100	12,285t	DP-2



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