

Technical Specification – Modular Pontoon, CPS4088N

Main Parameters:

Length (L):	40 ft or 12.19 m
Breath (B):	8 ft or 2.44 m
Depth (D):	8 ft or 2.44 m
Light Ship Displacement:	12.0 ton (w/o RPC)
Light Ship Draft:	0.40 m in SW / 0.41 m in FW
Max Displacement:	56.95 ton in SW / 55.56 ton in FW
Max Draft:	1.868 m
Maximum Payload/Deadweight:	44.71 ton in SW / 43.32 ton in FW
Material of Pontoon:	Mild Steel (Q235)
No of Watertight Compartments:	2 in each pontoon with 1 water-tight bulkhead
Paint Specification:	Aluminum Pure Epoxy, 2 coats (125µm each) for all external surfaces. Zinc Primer, 1 coat (100-125µm) for internal and external.
Type of Pontoon Connectors:	Model no. RPC-S88, certified by ABS
No. of Connectors:	4 sets per pontoon
Maximum Strength of Connector:	196 ton in tension/pair 105 ton in shear/pair 170 ton in compression/pair
Pontoon Configuration: (designed based on GL rules):	Enclosed Shell Deck plating 8 mm Keel plating 8 mm Side plating 8 mm Bulkhead plating 8 mm 8 x ISO container corner casting per pontoon 1 x flush type manhole per water-tight compartment.
Permissible Deck Load:	8.5 ton/m ² .
Scantling Design based on:	GL Class Rule - * 100 A5 Pontoon RSA (50)



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