



LEAD
Marine
Contractors
Limited



LEAD Marlin - Heavy Lifting/Pile Driving Crane Barge



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Mind over Water

Vessel Specification

PONTOON

Registration Number	142220498
IMO Number	7605653
Registry & Classification	Belize/Panama
Dimensions	L 60m (197') x W 23m (75') x H 5m (16')
Gross/Net tonnage	1906/571
Minimum draft	1.10m (3.6')
Maximum draft	3.80m (12.4')
Dead weight	1,193mT
Admissible deck load	7.50mT/m ²

CRANE

Make	Manitowoc
Type	36' Platform Ringer
Max lift capacity main hoist	317mT
Max lift capacity with yoke frame	250mT (2 x 125mT)
Lift capacity whip line	15mT
Lift capacity jib hoist	25.60mT
Maximum capacity auxiliary hoist	12.8mT
Total counterweight	250mT
Available boom lengths	42.6m (140ft) & 54.8m (180ft)
Available fly-jib length	12.20m (3, 10 and 20 degree offset)

PILE DRIVING

Bespoke pile driving leader length	66m
Max pile length	70m
Max Hammer & Helmet weight	29mT
Maxpile rake angles	3.1 Forward/Backwards & 10:1 Sideways
Hydr. operated sliding table for leader & Hydr. pile guide clamp	



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MOORING SYSTEM

Anchor winch	9 Drum Diesel/hydraulic
Anchoring system	8 Point
Pulling force	30 mT
Holding force	50 mT
Drum capacity	6 x 500m & 3 x 350m
Anchor wire diameter	38mm (1-1/2in)

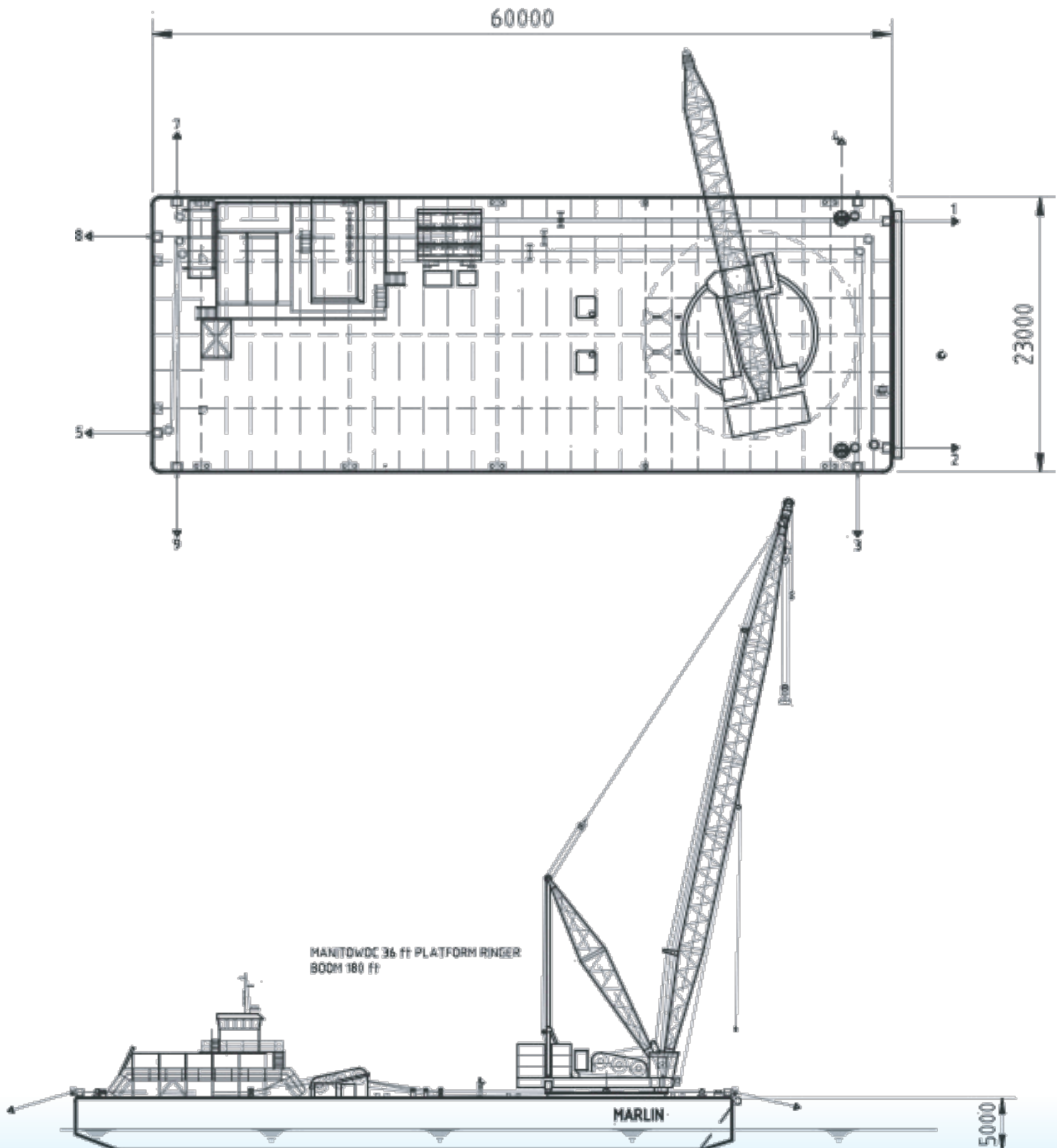
ANCHORS & SPUDS

Type	5 ton Delta Flipper & 3 ton Stev Shark
Quantity	4 x Delta Flipper & 4 Stev Shark
Bow Spud	1 x Ø1.22m (48") x 31.77m (104') Operated by winch drum #9
Stern Spud	1 x Ø0.91m (36") x 32.25m (105') Port or Stb. Crane Operated

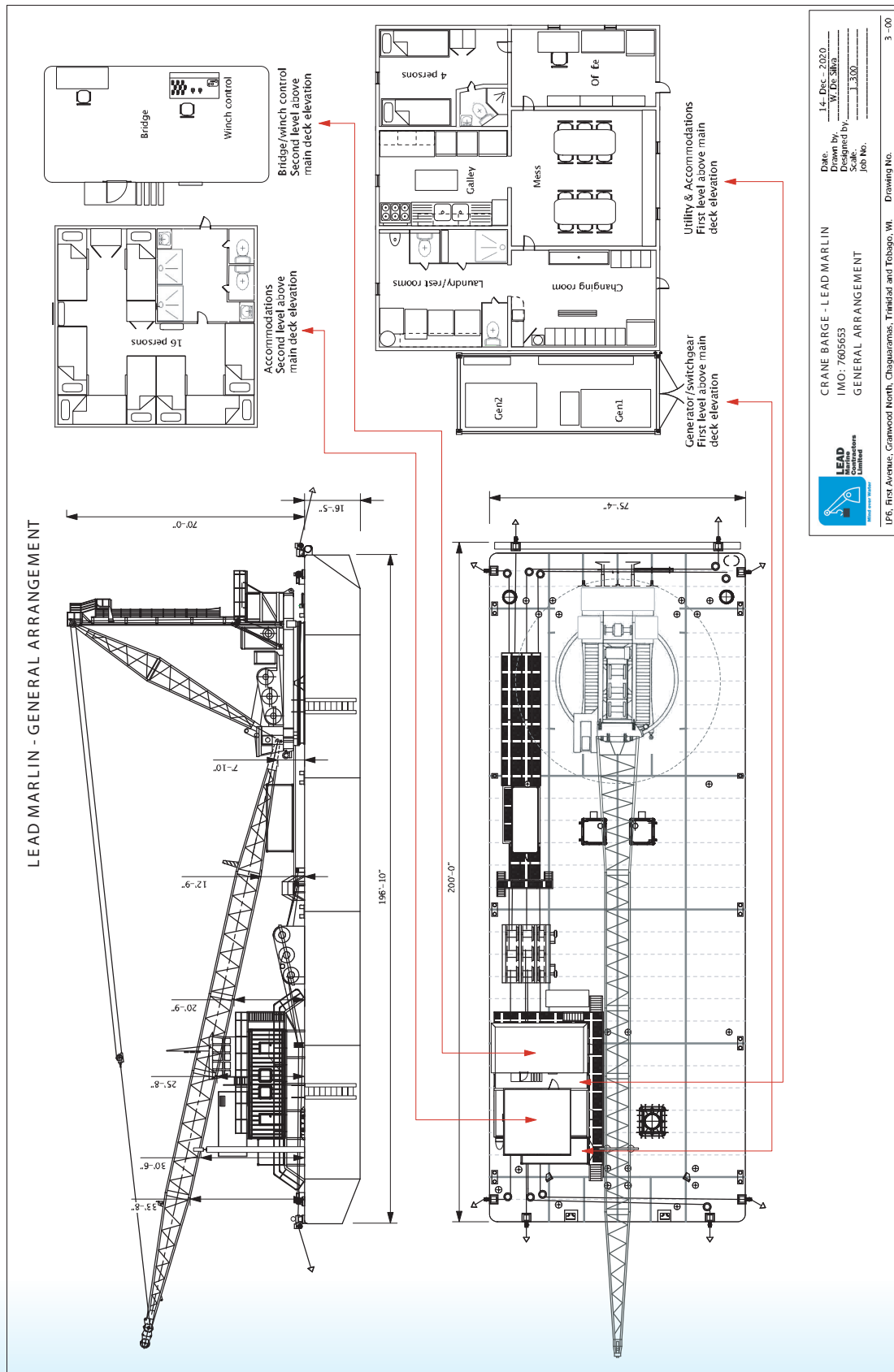
OUTFITTING

Generator	1 x 85 kVA and 1 x 25 kVA
Compressor	1,000 l/min@8bar
Fuel tank	2 x 50,000 Liters each
Fresh water tank	90,000 Liters
Sewage tank	90,000 Liters
Command bridge with office, anchor winch control station	
Laundry & Restroom facilities	
Accommodation for 12 persons	
2 x storage workshop rooms below deck	

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 LEAD Marine Contractors Limited	CRANE BARGE - LEAD MARLIN		Date: 14-Dec-2020
	IMO: 7605653		Drawn by: W. De Silva
	GENERAL ARRANGEMENT		Designed by: W. De Silva
	Drawing No. 3-00		Scale: 1:300

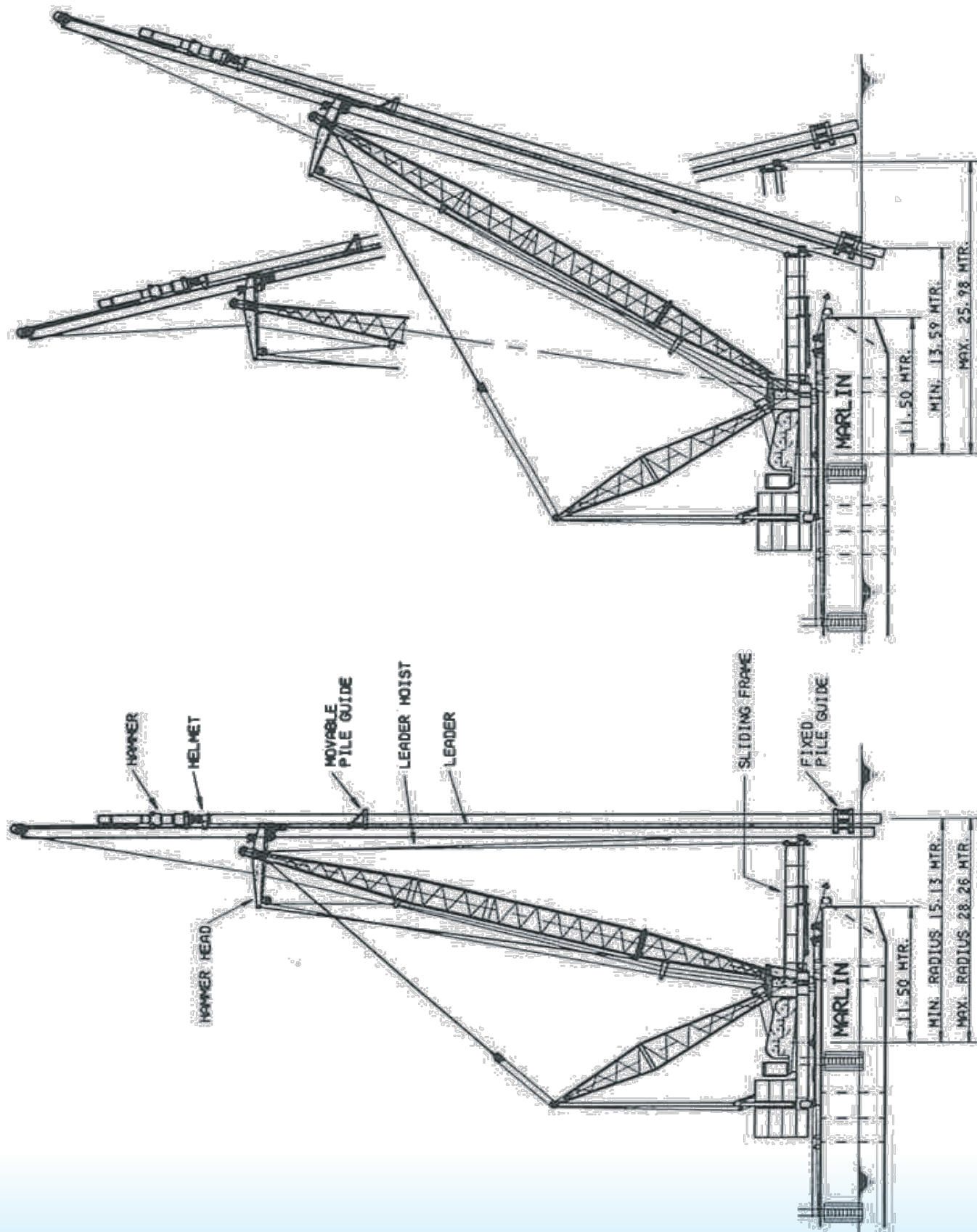
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