

CONQUEST MB1 Heavy Lift Crane Barge



CONQUEST MB1

From challenge to Conquest

Dutch Offshore operates Conquest MB1, a 1,400ton crane barge internationally for construction and installation work (ports, oil & gas, offshore wind), decommissioning, salvage and wreck removal. Conquest MB1 successfully participated in the installation work (topside installation Trinidad) and salvage and wreck removal operations (Costa Concordia, Troll Solution, DB1 and Grand Bahamas floating dock).

OUR MISSION

Why, how and what we do

We believe that with the right tool every job is possible. This is why we take the best of innovation and proven methods in preparing our floating equipment for multiple applications. Taking the best in-house expertise led to the development of the Conquest MB1; a 1,400ton crane barge with a high technical standard and a very competitive day rate.

Within our company we like to keep things simple. In combination with our short decision lines this makes us versatile and open for any kind of co-operation. We provide the barge with a basic marine crew for anchor operations and crane drivers for all crane related activities. Obviously, all catering can be included. This can be done in 12 or 24 hours operations. We operate the Conquest MB1 with 1,400 ton crane, 8 point mooring and fixed accommodation blocks for 12 and expandable up to 240 POB.

OUR VALUES

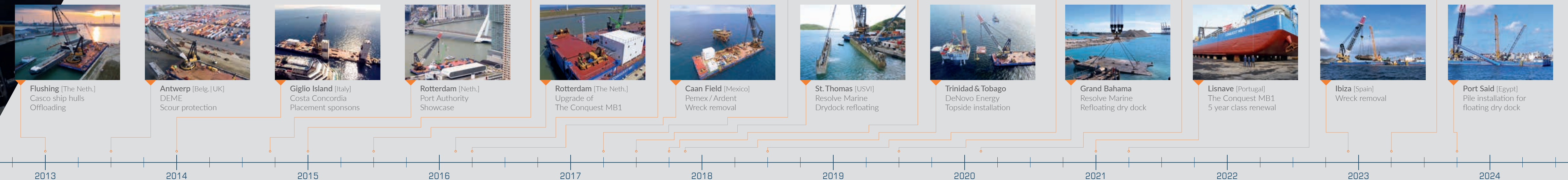
Safety, Health, Environment and Quality

SHE-Q forms an integral part of Dutch Offshore and all of our services. Being safe and secure is of critical importance to all of us. We encourage and demand the highest levels of commitment to the Safety, Health, Environment and Quality standards among all employees. We are certified according to Quality Management System (ISO 9001:2015), Health and Safety Management System (ISO 45001:2018) and Environmental Management System (ISO 14001:2015). The barge is constructed in accordance with the latest rules and regulations of RINA.



THE USP'S OF CONQUEST MB1

TIMELINE



Rotterdam [The Neth.]
Ceona Amazon
Installation works



Amsterdam [The Neth.]
Allseas' Solitaire
Replacement of crane



Louisiana [USA]
Crosby Commander
Shipwreck salvage



Caribbean
Resolve Marine
Salvage of Culebra



Gulf of Mexico
Resolve Marine
Salvage of DB1 barge



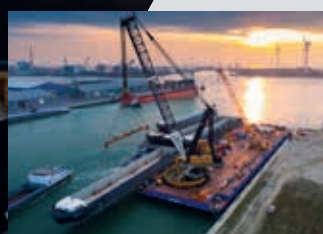
Grand Bahama
Resolve Marine
Salvage shipwrecks



Akkuyu [Turkey]
Nuclear powerplant
Subsea installation



Sagunto [Spain]
Removal of jetty
infrastructure



Flushing [The Neth.]
Casco ship hulls
Offloading



Antwerp [Belg./UK]
DEME
Scour protection



Giglio Island [Italy]
Costa Concordia
Placement sponsons



Rotterdam [Neth.]
Port Authority
Showcase



Rotterdam [The Neth.]
Upgrade of
The Conquest MB1



Caan Field [Mexico]
Pemex / Ardent
Wreck removal



St. Thomas [USVI]
Resolve Marine
Drydock refloating



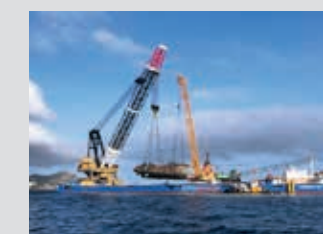
Trinidad & Tobago
DeNovo Energy
Topside installation



Grand Bahama
Resolve Marine
Refloating dry dock



Lisnave [Portugal]
The Conquest MB1
5 year class renewal



Ibiza [Spain]
Wreck removal



Port Said [Egypt]
Pile installation for
floating dry dock

CONQUEST MB1

1,400 ton crane barge

Barge Specification

Length	136 m / 446 ft
Breadth	36 m / 118 ft
Depth	8 m / 26 ft
Draft (Operational-Design)	3 m / 10 ft - 5 m / 16 ft
DWT	19,800 mT
GT	12,491 mT
Construction weight	5,800 mT
Deck Strength	20 mT/m ² / 1.83 mT/ft ²
Deck Space	3,400 m ² / 36,597 ft ²
Loading Capacity	10,000 mT
YOM	2012
Flag	The Netherlands / Dutch
MMSI	244810178
Class	RINA C  Pontoon - crane

Power Supply

Main diesel generators	2x 753 kW Caterpillar 1x 153 kW John Deere
Emergency diesel gen.	1x 123 kW John Deere

Main Crane

Type	Pedestal revolving crane
Model	MC 35000 DLS
Main boom length	63 m / 207 ft
Boom top length	75 m / 246 ft
Main hoist capacity	1,400 mT @ 12.5 m / 41 ft 350 mT @ 53.5 m / 175 ft
Working radius	12.5 to 64 m
Slewing range	360 degree
Revolving Speed	6 min. / 360 degree
Runner hoist capacity	30 - 90 mT

Ballast System

Anti-heeling (automatic)	2x 2,000 m ³ /h, 70,629 ft ³ /h
Trim pumps (automatic)	4x 1,000 m ³ /h, 35,315 ft ³ /h
Main pumps	2x 800 m ³ /h, 28,252 ft ³ /h

Mooring system

Winches	4 double drum 50 mT rated pull 8x 60 mT brake and 120 mT hold capacity
Wire Size	44 mm / 1.73 inch
Wire Length	1,200 m / 3,937 ft
Anchors	8x flipper delta (3x 10 mT, 1x 9 mT, 3x 7 mT and 1x 5.4 mT)
GMDSS VHF Radio	1x T & T Sailor SP3520 3x Ocean Signal SafeSea V100
SART	Mc Murdo S4 Rescue SART
EPIRB	Ocean Signal SafeSea E100

Communication

GMDSS VHF Radio	1x T & T Sailor SP3520 3x Ocean Signal SafeSea V100
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Accommodation & Facilities

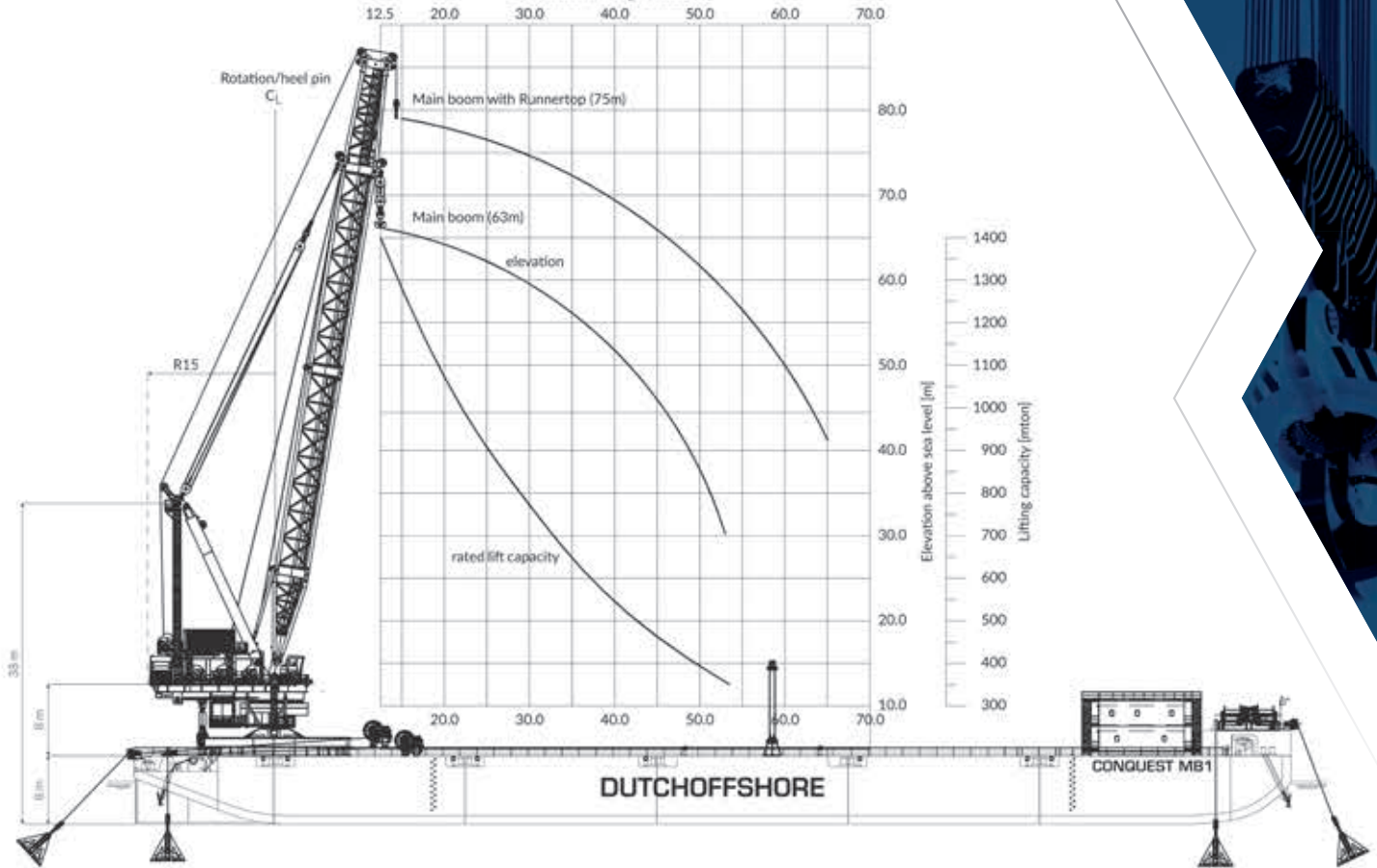
Living Space	12-persons fixed accommodation expandable to 60 persons or more
Sewage Capacity	1.5 m ³ /day, 53 ft ³ /day
Fresh Water maker	3 m ³ /day, 106 ft ³ /day
Tank Capacities	38 m ³ / 1,342 ft ³ Fuel 2 m ³ / 71 ft ³ Sludge 5 m ³ / 177 ft ³ Treated Sewage 8 m ³ / 282 ft ³ Seawater Buffer 400 m ³ / 14,120 ft ³ Drinkwater Tank
Fire Fighting Equipment	1x fire pump (Victor S83) 1x emergency fire pump (Victor S83)
Survival Equipment	4 of by 12 person life rafts 60 life jackets
Qualifications	IMO SOLAS, NMA, MLC-2006, MODU Safe Area

The crane barge is designed and constructed in accordance with the latest rules and regulations of RINA.



SIDE VIEW

Radius from C_L rotation [m]



TOP VIEW

