

Seaway Heavy Lifting
Engineering B.V.



BCPB2 Booster Platform Installation

Avans Hogeschool 16-06-2009
By: Jeroen Lodewijks





SHL Offices Zoetermeer



- Client Offices
- Meeting Rooms
- Engineering Dept
- Drawing Office
- Location: Zoetermeer



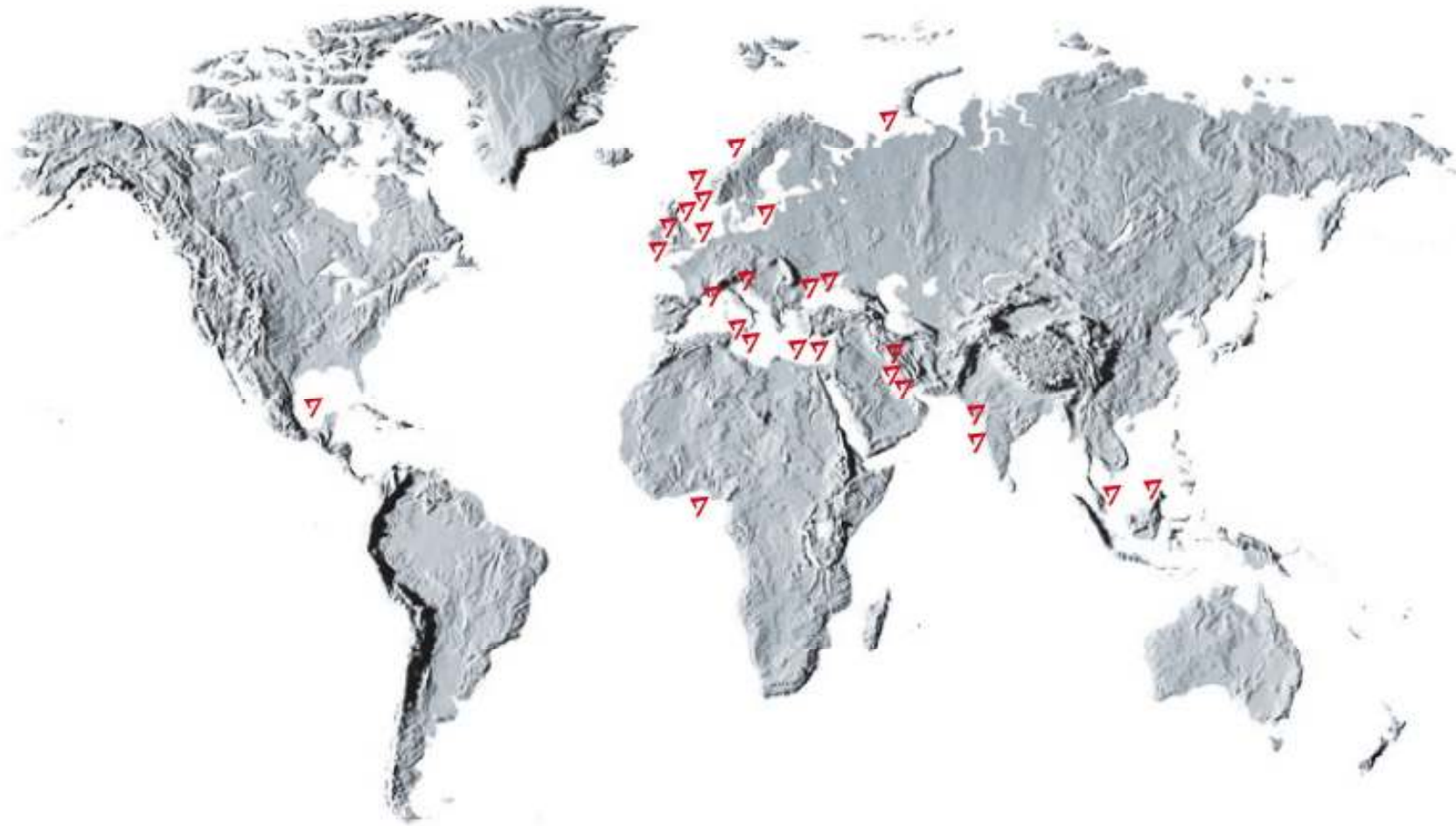
In-house Engineering Expertise



- Platform installation / removal
- Deck and module installation
- Pile installation and associated studies
- Transportation of jacket and decks
- Launch of jackets
- Float-over
- Optimisation of the offshore schedule



SHL Footprint on the Globe





HLV Stanislav Yudin



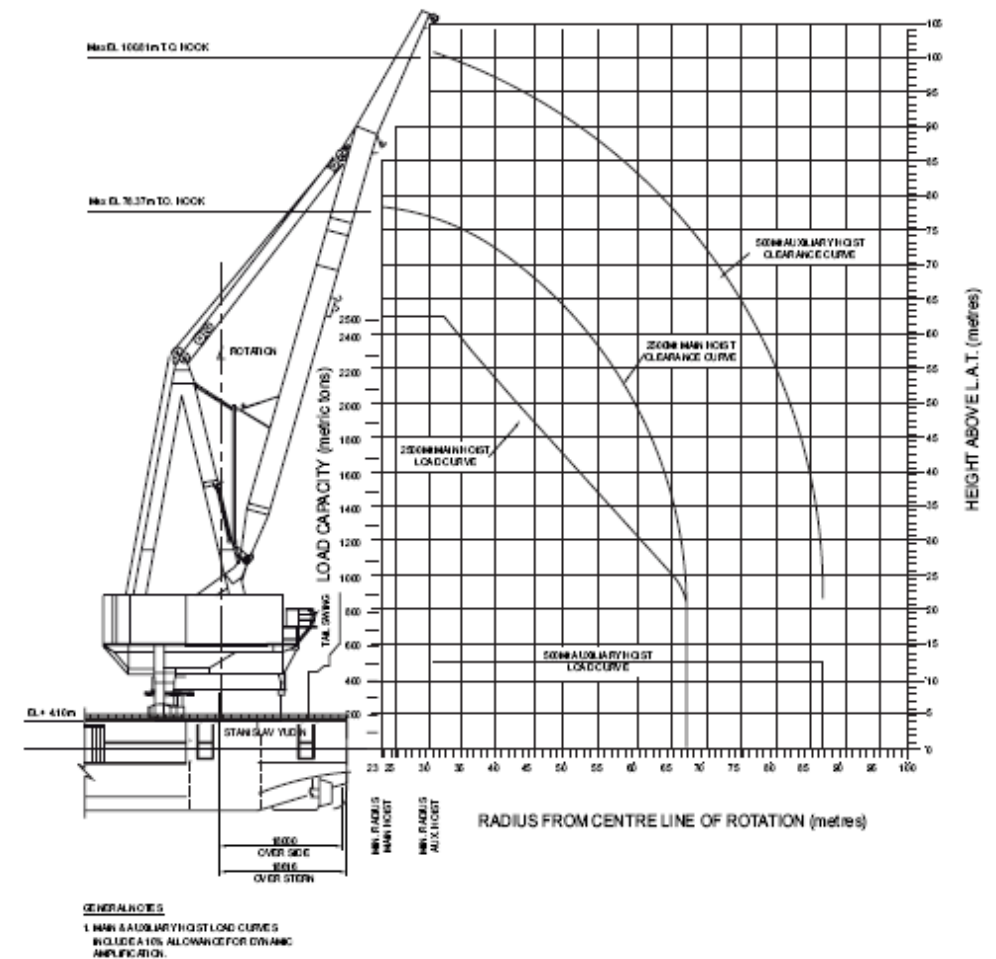


The Stanislav Yudin



- Built in 1985
- 2500mt revolving capacity
- 500mt Auxiliary hook capacity
- 156 pob
- 2500m² deck space
- 5.5m minimum draught
- 9 knots sailing speed
- International crew

Load capacity curve





■ Main Equipment

- Hydraulic Piling Hammers
 - IHC S-500
 - IHC S-600
 - IHC S-1200
 - IHC S-1800
- 400 Mt Levelling Tools
- Internal Pile Lifting Tools
- Pile Top Drill Rig
- Slings and (hydraulic) shackles



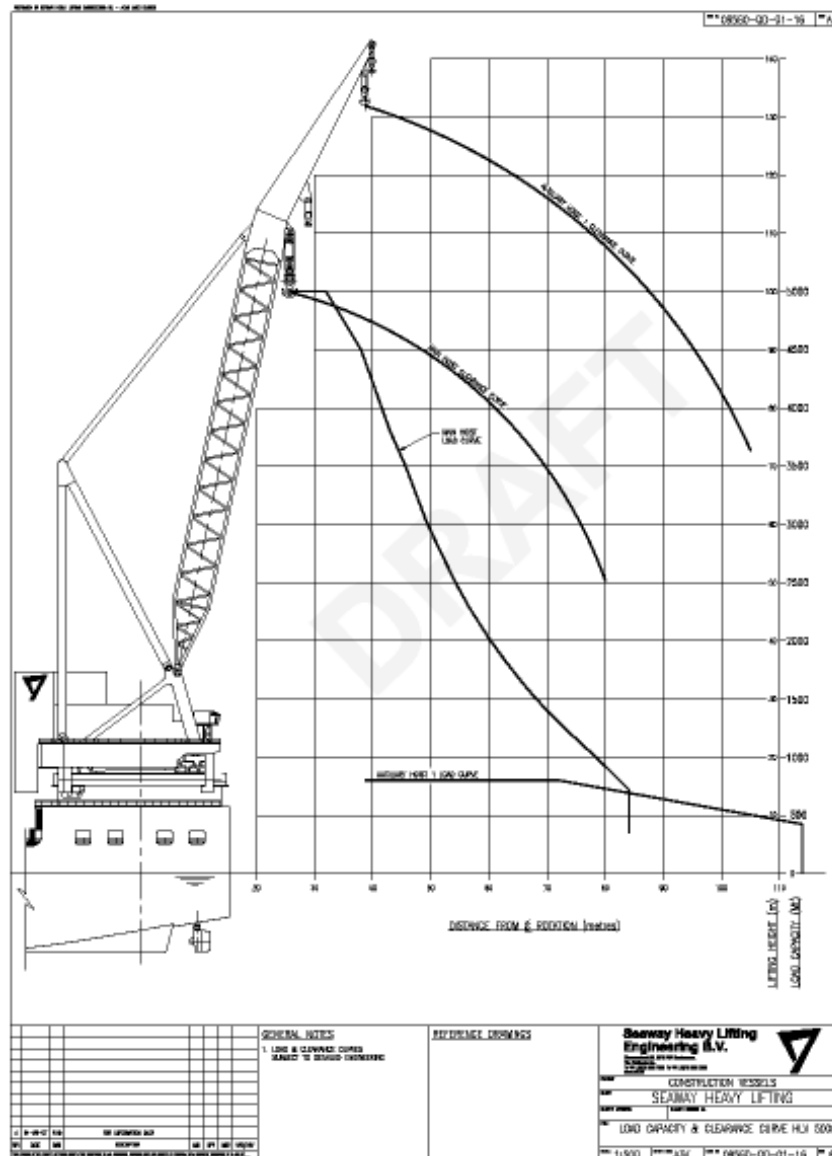


HLV Oleg Strashnov





Lift Capacity



A revolving offshore crane shall be provided with the following main particulars:

Main hoist: Capacity 5000 MT
Outreach 32 m
Max. height 102 m
lowering speed 14m/min

Auxiliary hoist 1: Capacity 800 MT
Outreach 73 m
Max. height 132 m
lowering speed 20m/min

Auxiliary hoist 2 Capacity 200 MT
Max. height 139 m
Lowering speed 19m/min

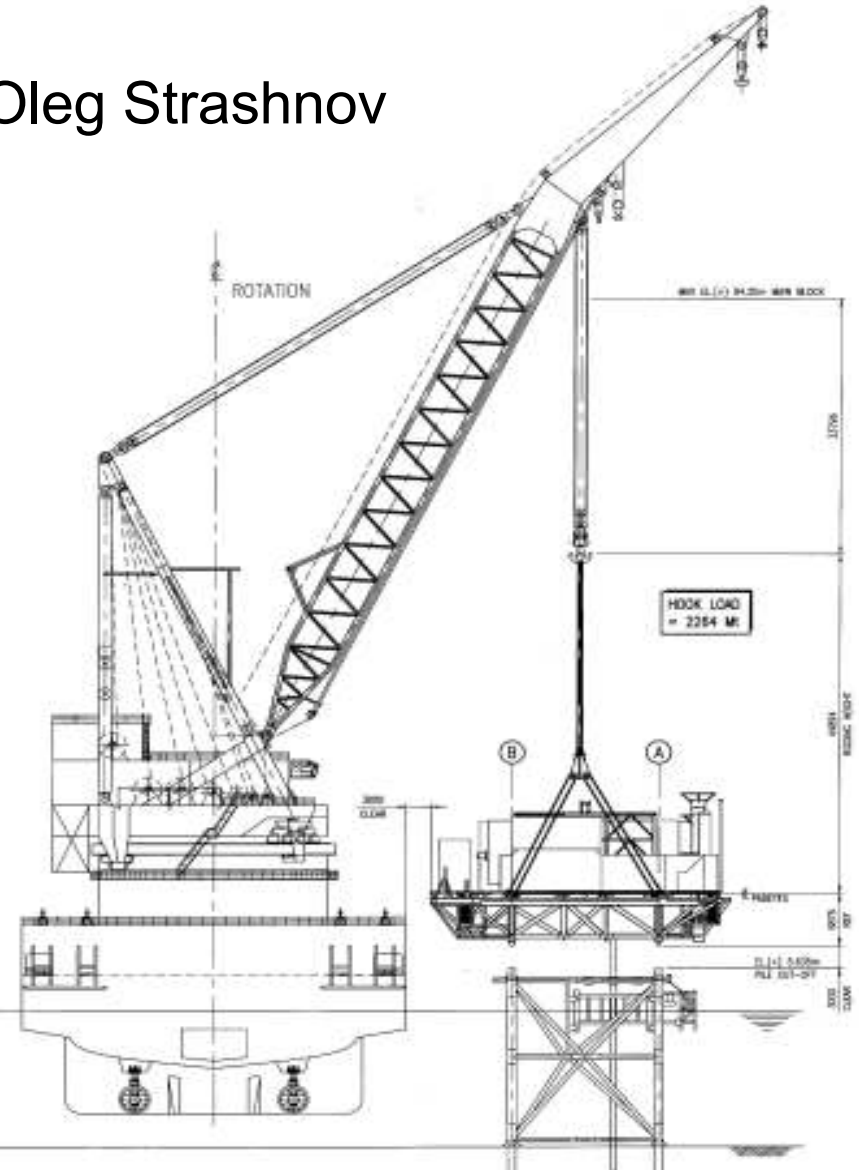
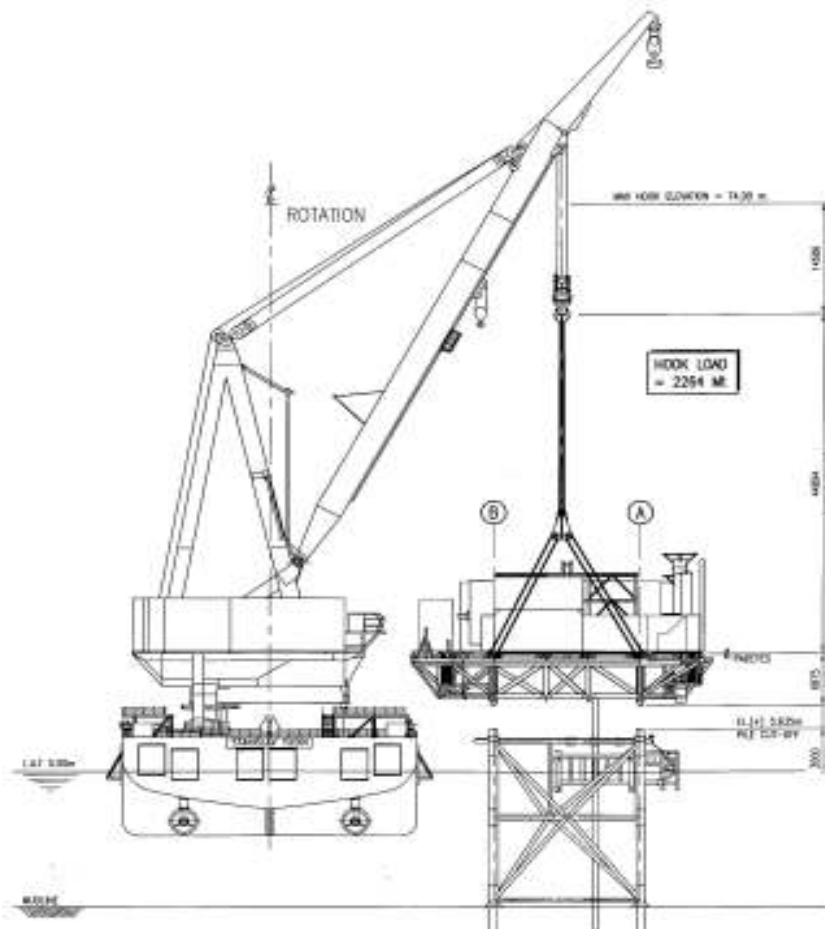


Size Matters



Stanislav Yudin

Oleg Strashnov





BCPB2 Booster Platform Installation



Client: Larsen & Toubro

Ultimate Client: ONGC

Fabrication Yards:

- Kencana Yard Lumut (Malaysia)
- Hazira Yard Surat (India)
- L&T Yard (Oman)

Installation: West India
03/11/2007 – 04/12/2007





BCP-B Field Location



BCP-B2 Booster



BCPB2 Project Contents



Platform particulars

▪ Jacket	2000 Mt
▪ 4 Main Piles (2 addons each)	880 Mt
▪ 8 Skirt Piles (1 addon each, driven with followers)	1100 Mt
▪ Module Support Frame	1900 Mt
▪ BCM-1 Compression Module	1540 Mt
▪ BCM-2 Compression Module	1540 Mt
▪ Building Module	1650 Mt
▪ BCP-B2 Bridge	260 Mt
▪ Platform Cranes (2x)	80 Mt
▪ Miscellaneous	10 Mt
TOTAL	10960 Mt



BCPB2 Jacket Fabrication





BCPB2 Jacket Transport





BCPB2 Jacket Installation





BCPB2 Jacket Installation





BCPB2 Jacket Upending





BCPB2 Jacket





BCPB2 Main Pile Installation





Internal Lifting Tool





Pile Welding





Jacket Levelling System





BCPB2 MSF Installation





BCPB2 Compression Module





BCPB2 Building Module





BCPB2 Building Module Lift





BCPB2 Platform Completed



