

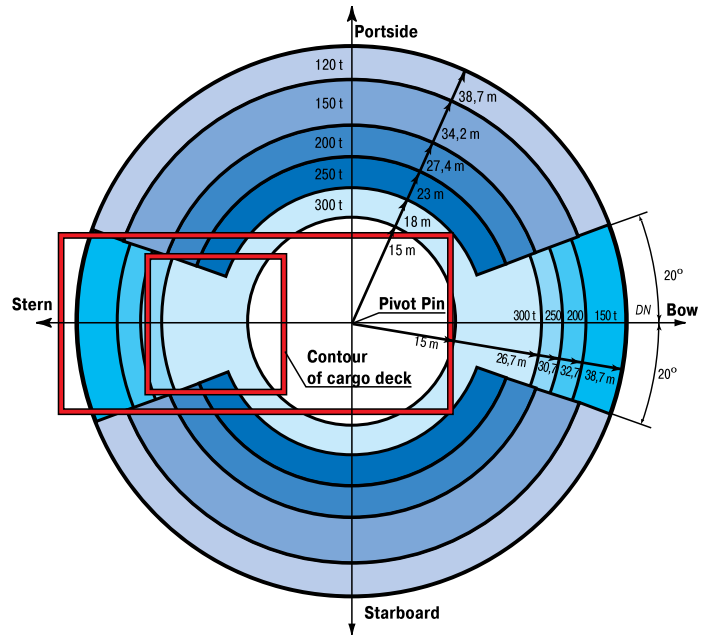


MARINE &
HEAVY-LIFT OPERATIONS
IN THE CASPIAN





Diagram of main hoist in various booms

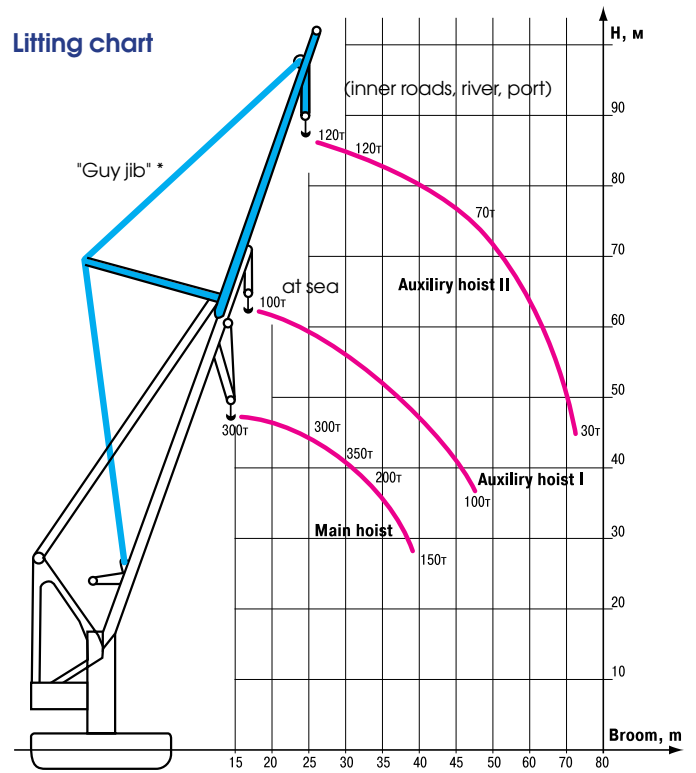


the floating crane "Bogatyr-3"

Description of the the floating crane "Bogatyr-3"

Project	1520
Ship-owner	Crane Marine Contractor Ltd.
Call-sign	UCTD
Port of registry	Astrakhan, Russia
Built	1976, Sevastopol, USSR
Flag	the Russian Federation
Society	the Russian Maritime Register of Shipping (RMRS)
Sea class	KE III
Displacement	2050 tons
Lifting capacity:	
- main hoist	300 tons
- auxiliary hoist	100 tons
Lifting Gear	Positioning (360°)
Length	52,56 meters
Width	25,22 meters
Height of the board	4,50 meters
Draught	
- cargo and supplies	2,85 meters
- ballast	1,86 meters

Lifting chart



* - the guy jib can be used when the vessel is at inland waters

Main hoist

Lifting capacity, ton		Max. boom from pivot pin	
		Starboard/Portside	Bow/Stern
Main hoist, ton	300	18,8	26,7
	250	23,0	29,7
	200	27,4	32,7
	150	34,2	38,7
	120	38,7	

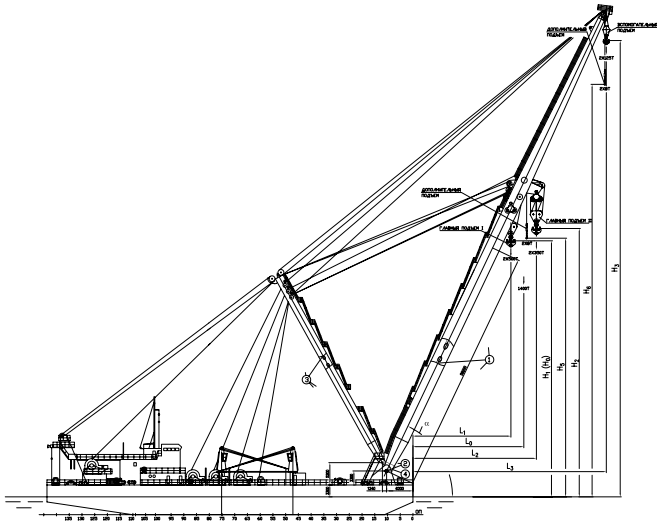
Auxiliary hoist 1

Lifting capacity, ton		Max. boom from pivot pin	
		Starboard/Portside	Bow/Stern
Auxiliary hoist, ton	100	47,7	

Auxiliary hoist 2

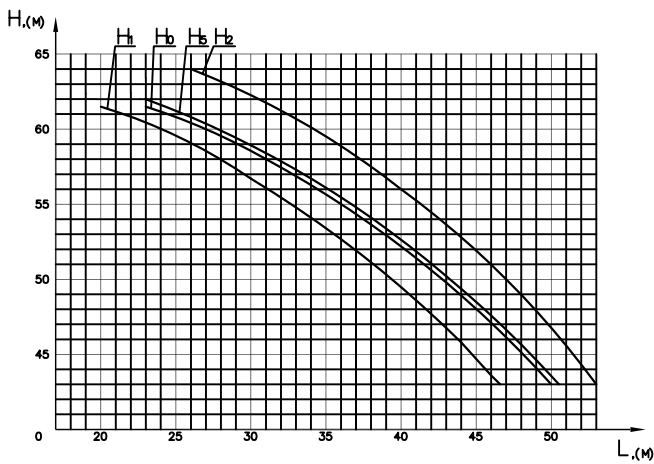
Nº	Lifting capacity, t.	120	70	30
1	Maximum broom, m	32,3	48	71
2	Min. broom, m	26		
3	Max. height of Lifting, m	82	73	45
4	Min. height of Lifting, m	85		

Lifting chart



the floating crane "Volgar"

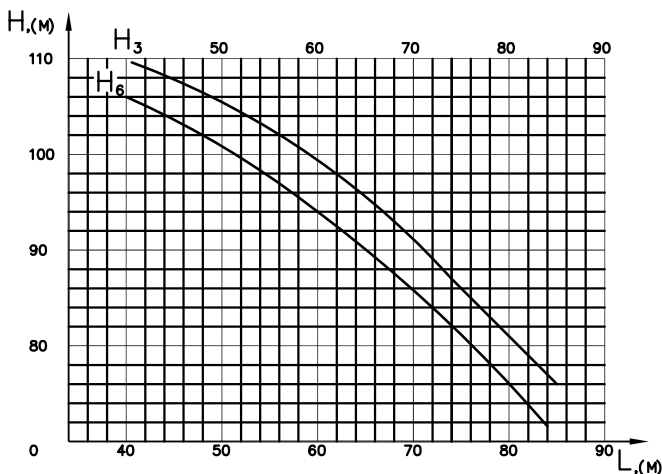
Высотные характеристики
главного подъема



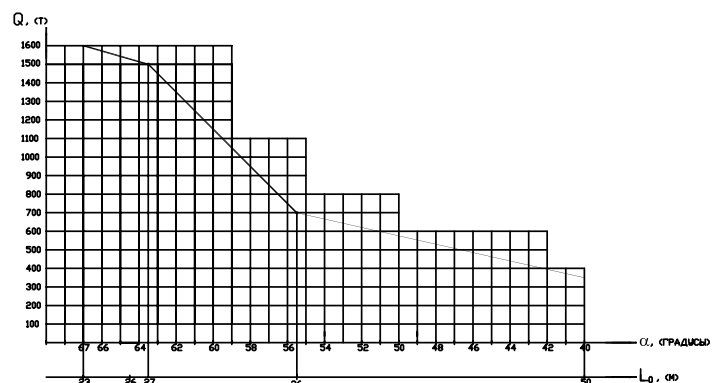
Description of the the floating crane "Volgar"

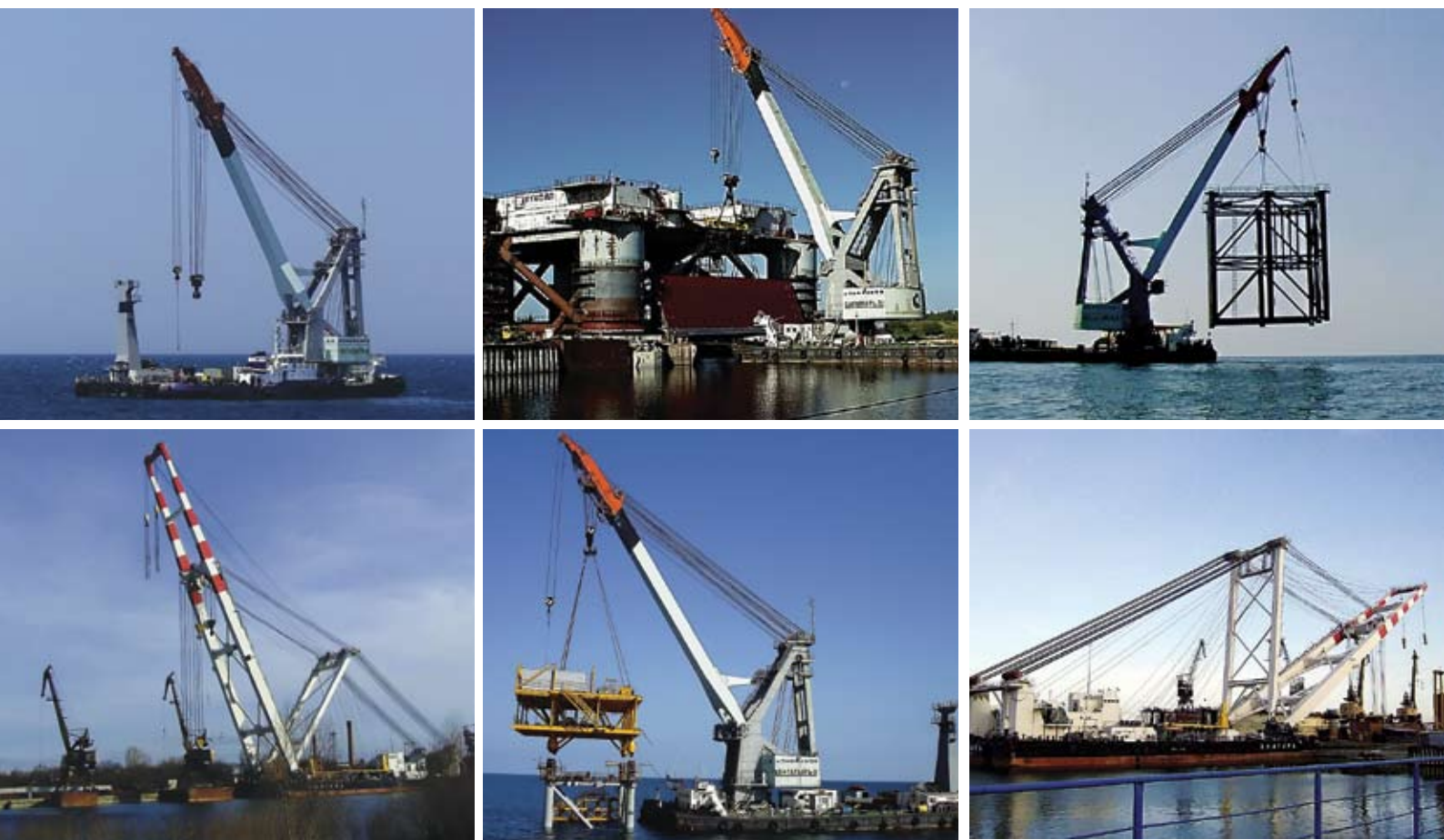
Project	19600
Ship-owner	Crane Marine Contractor Ltd.
Port of registry	Astrakhan, Russia
Built	1987, Astrakhan, USSR
Flag	the Russian Federation
Society	the Russian Maritime Register of Shipping (RMRS)
Sea class	KE II СП
Displacement	10701 tons
Lifting capacity: - main hoist - auxiliary hoist	1400 tons 250 tons
Lifting Gear	Non-Positioning
Length	85,86 metres
Width	33,60 metres
Height of the board	7,00 metres
Draught	4,20 metres

Высотные характеристики
вспомогательного подъема



Грузовые характеристики





"Crane Marine Contractor Ltd." ("CMC") was founded in 2003. The company is the ship-owner and operator of the floating crane "Bogaty-3" and the "Volgar", the lifting capacity of the cranes is 300 tons and 1400/1600* tons respectively. The lighter "Sevan" (cargo carrying capacity is 2000 tons) also belongs to "CMC". All the vessels are located at Astrakhan and certificated by the Russian Maritime Register of Shipping (RMRS) to be operated within the ports of the Caspian Sea, and also at high sea within the limits of its sea class.

Besides, "CMC" is experienced to obtain RMRS approvals which allow navigation out of the vessels' sea class limits.

The majority of the company's employees have large experience working at the merchant marine, and also professional staff who are engaged in the transport field. The company renders individual approach to each customer and offers optimum alternatives of performance of the works which take into account customers' interests as much as possible and combining high quality and reliability.

As "CMC" has these technical facilities, the company offers the following services:

- loading and discharging cargoes at ports and in high sea;
- carrying out of hydroengineering constructions;
- lift-wreckages, rescue operations;
- shipbuilding, ship repair;
- installation of offshore drilling rigs;
- pile driving at off-shore.

The prospects of the company's developments are closely linked to oil and gas industry of the Caspian region. In this connection, one of the most important company's activities is participation in oil and gas field facilities constructions at the shelf of the Caspian Sea. This participation implies the following:

- installation of drilling rigs, structures, modules at shelf
- freight forwarding of equipment which are to be mounted from the place of origin up to the site
- transshipment of heavy-lift/oversized structures

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