Gdańsk, 4th of September 2013

BALTEXPO 2013: Polish-Norwegian Maritime Business Forum

Wind farms installation vessels from Poland

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General Info

- Established in 1990 by two engineers Mr. Ireneusz Ćwirko and Mr. Krzysztof Kulczycki
- CRIST S.A. is experienced in: harbour engineering, offshore structures, civil engineering, fully or partly outfitted vessels and many, many more
- Yearly output of processed steel is around 100.000 tons
- 20 years of activity – 300 sea units built
- Ca. 1500 people employed
- *Our success is our staff. Engineers and designers are highly qualified and very experienced*
- *In 2009 Crist bought the main buildings and equipment of Gdynia Shipyard*

Production Profiles

The production profile of CRIST S.A. includes currently:

- fishing vessels, ferries
- transport vessels (sea-going ships)
- **sea structures and ”off-shore” units**
- sea-going boats and **transport pontoons**
- **specialist vessels, including platforms and ships for assembly of wind farms at sea**
- **steel structures of port berths**
- hydrotechnical structures
- land steel structures
- **elements of wind tower structures**

PSV – Platform Supply Vessels

- Viking Queen
- Seven Sisters
- Ocean Endurance

PSV – Platform Supply Vessels

- B490/2 – NB30 – Normand Ranger
- B490/3 – NB31 – Normand Prosper

AHTS – Anchor Handling Tug/ Supply Vessels

- NB 322 – Rem Odin
- NB 324 – Rem Viking
- NB 331 – SIEM Aquamarine
- NB 333 – SIEM Diamond

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COMBI DOCK and three sister vessels

Main dimension:
Lenght OA = 162 m
Breadth = 25,4 m
Docking draft = 11 m

Pontoon KURT – P493

Unpropelled construction pontoon designed for marine hydrographic works in sheltered sea waters and harbours.
Main dimension :

- Loa = 49,80 m
- Boa = 3,25 m
- H = 21 m
- T max = 2,45m

JACK-UP BARGE B392 „THOR”

Steel seagoing, unpropelled jack-up barge designed to operate as working platform in the offshore industry.

Main dimensions hull:
Length 70.00 m
Width 40.00 m
Height 6.00 m
Open deck area 1,850 m2
Payload up to 3,300 t
Leg dimensions: Length 82.00 m

Cranage:
Heavy lift crane Liebherr BOS 14 000
Crane capacity
Boom 51 m 500 t/20.00 m

Power supply:
Diesel/electric
Total output 5,010 kW
Emergency generator 400 kW

Accommodation 48 persons

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NB 142 – HLJV INNOVATION

Heavy Lift Jack-Up Vessel self-propelled for offshore wind farms

Main dimension:
Length hull (overall) 147.50 m
Breadth hull 42.00 m
Depth hull 11.00 m
Cargo load Up to 8,000 t
Water depth for jacking 50.00 m
Up to 65.00 m (with leg extension)

Cranage:
Capacity SWL 1,500 t @ 31.5 m

Thrusters
4 x 3,500 kW Azimuth thrusters
3 x 2,800 kW Tunnel thrusters
Vessel speed 12 knots

Power supply:
Diesel/electric
Output power - 29.000 kW
Electrical power - 36.000 kVA
Accommodation 180 persons

NB 130 – HLJV VIDAR – Project Under Construction

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Heavy Lift Jack-Up Vessel self-propelled for offshore wind farms

Main dimension:
Length 136.50 m
Width 41.00 m
Height 9.50 m
Free deck area 3,400 m2
Load capacity up to 6,000 t
Length 90.00 m
Operating depth up to 50.00 m
Cranage: Capacity 1,200 t/27.50 m

Thrusters
4 x 2,600 kW Azimuth thrusters
3 x 2,500 kW Tunnel thrusters
Vessel speed 10 knots
Vessel complying with DP2 requirements

Power supply:
Diesel/electric
Output power - 20,000 kW
Emergency power generator 700 kW
Accommodation 90 persons

NB 130 – HLJV VIDAR – Project Under Construction

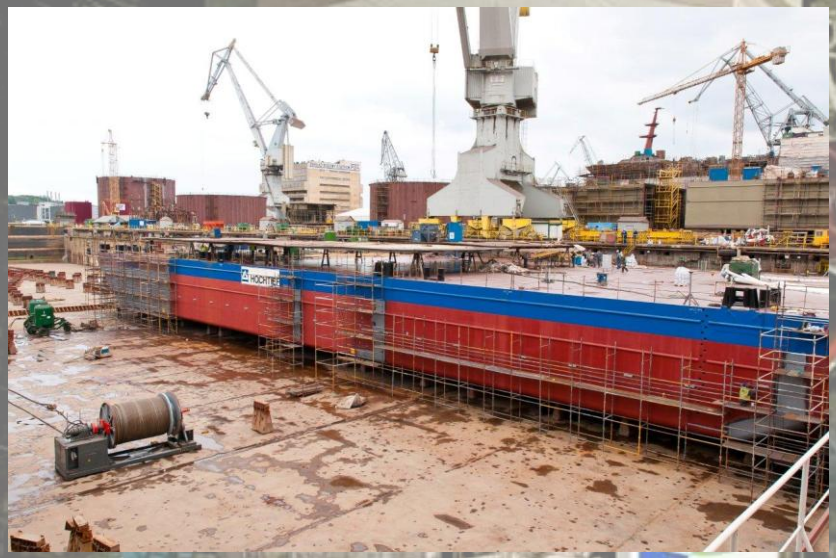
Heavy Lift Jack-Up Vessel self-propelled for offshore wind farms

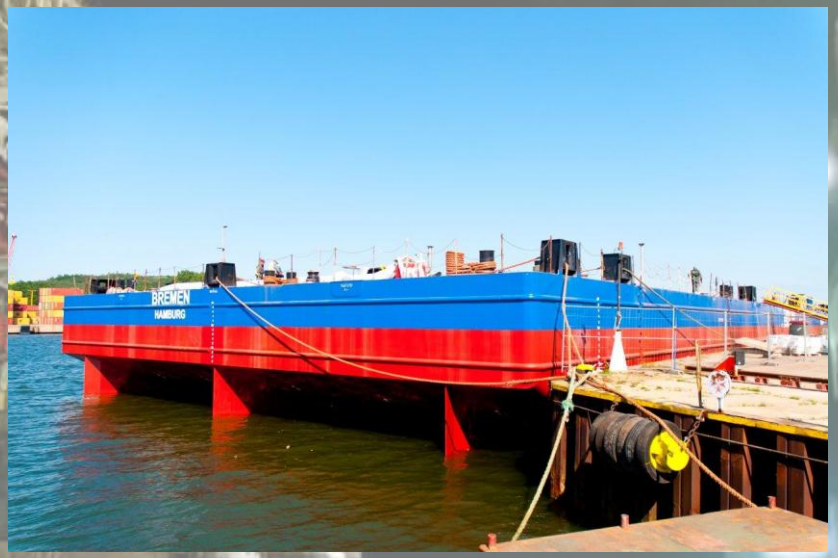
Main dimension:
Length 136.50 m
Width 41.00 m
Height 9.50 m
Free deck area 3,400 m2
Load capacity up to 6,000 t
Length 90.00 m
Operating depth up to 50.00 m
Cranage: Capacity 1,200 t/27.50 m

Thrusters
4 x 2,600 kW Azimuth thrusters
3 x 2,500 kW Tunnel thrusters
Vessel speed 10 knots
Vessel complying with DP2 requirements

Power supply:
Diesel/electric
Output power - 20,000 kW
Emergency power generator 700 kW
Accommodation 90 persons

Pontoons





Line for tube production

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Thank you for your attention

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