



Sun Ship Historical Society's Yard's History Page For: For Central Yard Shipway Gantry Cranes

Subj: CY R25 Cranes Heavy-Lifts
Acct: 315_76_6&8 Way Info
SSHS No: 709_315_76_###

Site: www.sunship.org

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Hope you enjoy this 'Yard's History Page'. As always, if you have any additional information, suggestions or corrections, please let me know.

Note 1: While due diligence has been applied in the research of this information, responsibility for any errors is the ultimate responsibility of the end-user.

Note 2: Information has been obtained from various sources to enhance the history of Sun Ship and where possible, sources have been identified

Note 3: Text added by SSHS will be bordered with paratheses

Note 4: A series of three 'periods', before or after transcribed text indicates that not all the text was transcribed to the review.

"Any work of history is necessarily a joint venture"
Author Unknown

Thank You,
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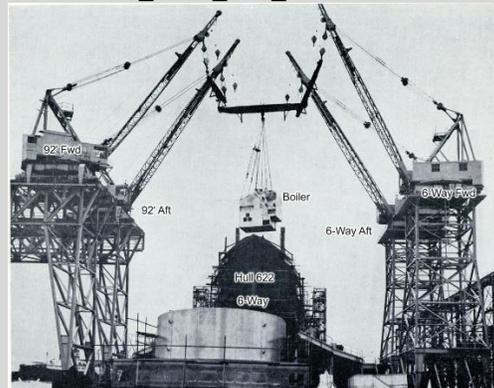
1: Heavy-Lifts

Photos showing multi-crane lifts on 6 & 8 Shipway

6.1 Photo showing one of two Combustion Engineering V2M-VS, 83-ton boilers being placed aboard Sun Ship's Hull-622 by four American Revolver R-25 gantry cranes (ship to be named the SS 'Mormactrade' at launching on Jan.23, 1962) .

Note: All R-25 cranes are equipped with radio communications.

SSHS: 705_6202_016_2



HEAVY, HEAVY WHAT HANGS OVER, but it's no question in game of forfets here. That boiler hanging high over prow of Hull #622 is about 83 tons heavy. It was moved back to midship house area and lowered right to bottom of ship as gently as though it was 83 pounds. Then its mate received same treatment. They will provide steam for turbine which will drive ship at better than 19 knots.

6.2 Photo showing 'Lower Bow' assembly being moved into position on our Hull 610 by four R-25 gantry cranes (ship to be named the SS 'Pennsylvania Sun III' at launching on Oct. 19, 1959).

The total assembly weight is as follows:

- | | |
|---------------------------|---------------|
| 1. Lower. Bow Section | 158 Tons |
| 2. Two Equalizing Beams | 30 Tons |
| 3. Lifting Pads | 8 Tons |
| 4. Shackles, Cables, etc. | <u>2 Tons</u> |
| Total Lift Weight | 198 Tons |

(Note: Total lifting weight of the 4 cranes is 200 Tons)

The four crane operators making this special lift were; Henry Maffee, George L. Freeman, Michael Monok and G. Wilson Bryan.

SSHS: 705_5910_0C1r



Note: You can see more information on this lift on the website at; Published by Sun Ship/Our Yard Magazine/Oct 1959/Pages 12-13