



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

Subj: 8-Way Fwd Gantry Crane

Acct: 315_76_073

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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 parentheses

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. Series of photos of 8-Way Forward (#73) crane during the 'Plant Demolition' March 26, 2004
Photos courtesy of Dave Kavanagh.

Note: Information pertinent to the operator's controls and engine room 'cable drum assembly' was supplied to us from Jack Montgomery, Assistant Foreman of 76 Department who was responsible for all the Yard's crane operators. Sadly, Jack and Joe D have passed away. Here is a photo of; Joe Degregorio, Dave Kavanagh and Jack Montgomery at one of our 'lunches' on April 26, 2011.
SSHS: 20110426_03b



1.1: Yard Crane '8-Way Fwd' servicing shipbuilding on No. 8 Shipway.

SSHS: h-040323005



1.2: View from the operator's station, whose seat is 75ft above the ground.
 SSHS: h_040326089r



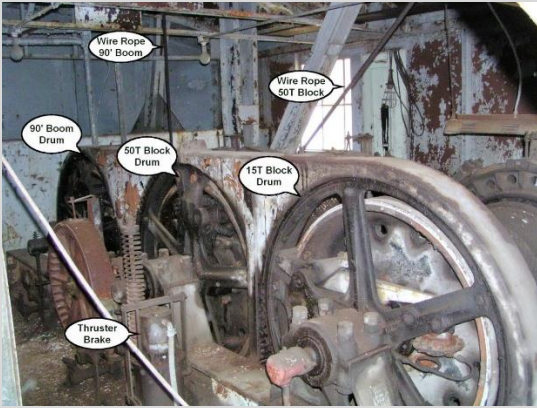
1.3: View of the 'Operator's Controls'
 SSHS: 040326087cr



Operators Cab - 8 Way Forward - R-25 Gantry Crane
 Large Block-50 Tons
 Small Block - 15 Tons (Note: Later derated to 12 Tons)
 Height from seat to ground - 75 feet

1.4: View of the 'Machinery Room'. The following explanation was offered when I questioned Jack about the 'Thruster Brake': "The thruster brake helped the lowering speed on the drums for example; 1st. point. the brake action was more than the 2nd. and so forth till the last point. Then there was no braking action when at 'full speed'. When you backed off the speed of the hoist motor, the thruster would apply braking action till you put control off and brake would apply to stop and hold the drum."

SSHs: 040326087cr



1.5: View of the crane's 'Boom' taken from the cab roof.
 SSHS: h_040326065ar



1.6: Electrical Control Panel.
 SSHS: h_040326086r



1.7: View of the crane's access ladder as it nears the top. Approximately 70ft from ground level.
 h_040326114r

