

Young Brian

From: Jenny, Paul R [REDACTED]
Sent: Wednesday, July 06, 2016 9:26 AM
To: Young Brian
Subject: RE: Info request - boiler operating angles

Brian,

I have found typical design criteria for B&W marine boilers around the time period the boiler was fabricated. Not sure if I will be able to get the specific information on the particular boiler on the EL Faro.

“All components to be supplied for shipboard use must be designed to permit satisfactory operation under the following conditions unless stated otherwise in customer’s specifications.”

Monetary roll - 30°
Permanent list - 15°
Permanent trim - 5°

This should answer your request. If not, let me know.

Paul

Paul Jenny

Babcock & Wilcox
District Service Manager
Atlanta Office
[REDACTED]

From: Young Brian [mailto:brian.young@ntsb.gov]
Sent: Tuesday, July 05, 2016 2:56 PM
To: Jenny, Paul R
Subject: EXTERNAL: Info request - boiler operating angles

Hi Paul,

Thank you for taking my call today. I am the lead investigator of the El Faro accident (October, 2015). We are looking at the machinery aboard the vessel, and are aware that (2) Babcock Wilcox propulsion boilers were installed aboard El Faro (hull # 670) in 1974 at Sun Shipbuilding and Drydocking in Chester PA. I have a manual from a sister vessel, (hull # 674) and the contract # was 415-4741 for the sister vessel.

If possible, could you please find out what the maximum operating angle of the boilers were designed to ?

This would be very helpful in our analysis of the accident.

Thank you and best regards,
Brian

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