

Andersen, Jan Erik

From: Kringstad, Knut
Sent: Tuesday, January 29, 2002 3:14 PM
To: Andersen, Jan Erik
Cc: Norway, Chief Engineer; Norway, Captain
Subject: Boilers SS Norway

Good morning Jan Erik

- Last years planned boiler works includes the following;
- Renewal of Penhuet economizer, boiler 24
 - Re-tubing of 1st and 2nd super-heaters, boiler 24
 - Tube renewal on Green economizer, boiler 24
 - Re-tubing of 1st and 2nd super-heaters, boiler 23
 - Tube-renewal on Green economizer, boiler 21

Ordering of tubes takes normally 3 - 4 month, and as the vessel was believed to be sold, all heavy investment was put on hold.
Unfortunately, this work had to be cancelled.

- I received 3 quotes for the above mention work;
- From Chiba Engineering 652.000 USD
 - From Harris & Pye 1.082.150 USD
 - From Lloyd Werft (approx) 980.000 USD

Leaks on the boiler will happen again, and is - once in awhile, not particular abnormal. But with the frequency of leaks we have had lately, particular on boiler 24, it is all reasons for concern, and it has to be addressed.

The reason for boiler-tube leaks on the Norway is well known: in and out with the third boiler every single week gives heavy thermal stress on the boiler-tubes, economizers and brick-work. With the present itinerary, delays and/or cancellation of ports must be expected.

The above work can be carried out during operation, provided that a new itinerary, suitable for two boilers can be established during the repair period, indicating 4 weeks.

Hopefully we will discuss this issue when you are back in the office.

Brgds Knut