



NIPPON KAIJI KYOKAI ETAS TEAM
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FAX MESSAGE

To: Executive Ship Management Pte Ltd. Page: 1 of 2
Attn.: Mr. Jitendra Kumar Our Ref.: 16ETAS0424
Tel: [REDACTED] Date: 17 Sep 2016
From: ETAS Team, Class NK
Subject: "M/V Aframax River" - IMO No.9259173/ Cno.022172
Emergency Technical Assistance Service

With respect to your request on the above, ETAS Team has finished our investigation based on the information provided by your E-mail and telephone conversation. The summary of the calculations is as follows.

CASUALTY: Breach

DAMAGED PART: No.2 FOT(P), No.5 WBT(P)

CALCULATED RESULT

1.1 Present Condition

		Our Calculation		Your Information	
Displacement		52554	MT	52555	MT
Draft	Fore	5.41	m	5.40	m
	Aft.	8.20	m	8.16	m
Mean		6.81	m	6.78	m
Trim (aft)		2.79	m	2.76	m

1.2 Assessment

According to our calculation, both the stability and longitudinal strength are found within the limit. Please refer to the attached calculation results (ETAS_AFRAMAX RIVER_1.pdf).

We also calculated additional following three conditions that assume water ingress into damaged tanks up to 12m height from the base line during voyage to the repair yard.

Case 1 : Water ingress into No.5WBT(P) and No.2 FOT(P)

Case 2 : Water ingress into No.2 FOT(P)

Case 3 : Water ingress into No.5WBT(P)

The calculation result for above 3 condition shows that both the stability and longitudinal strength are found within the limit.

2. Remarks

With this calculation results, ClassNK SVD NY will act accordingly. Please contact ClassNK SVD NY.

Please confirm our calculation result and if you don't have any more requests, we will close ETAS service.

Best Regards,

Y. Uenishi

Leader of ETAS Team

Attachment :

ETAS_AFRAMAX RIVER_1.pdf

ETAS_AFRAMAX RIVER_2.pdf

Your Information		Our Calculation	
MT	52554	MT	52554
15	5.40	m	5.47
m	8.40	m	8.50
m	8.70	m	8.81
m	1.70	m	1.70