INCIDENT ANALYSIS

Identifying the roots OF AN INCIDENT

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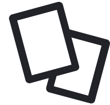
Incident details

- Vessels during STS operation
- Emerging STS location
- Bad weather conditions
- 4 Mooring lines parted
- Steel to steel contact

Records taken into consideration

VDR records

An hour prior the incident took place.



Screening report

3rd Party report for assessing the vessels.

Master's assessment form

Statement about the incident from the crew and ship board investigation report.

Email correspondence

3rd Party report for assessing the vessels.

Equasis Web data

OSIS Database

Online Sts Information System records.

Photos & vessels' drawings

OCIMF guidelines

Latest guidelines.

What really happened

Sequence of

events

Root causes

01

Due diligence was not exercised

at best possible extent . The official 3rd party process was not followed.

02

JPO was incomplete

Weather conditions were not examined, absence of mooring plan configuration.

03

Inadequate assessment from POAC

POAC did not assess the situation timely.

04

No evidence from STS provider

For the qualifications and experience of the POAC.

DYNAMARINE

Root causes

05

Crew fatigue

One of the vessels involved in consecutive STS operations.

06

Inadequate assessment of the COG

Speed and course not evaluated correctly in combination with the interaction effect.

07

Lack of training

Crew preparedness was not adequate.

04.05.2018

Fender positioning for the case

baby fenders aft 2
forward 2

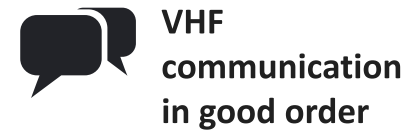
04.05.2018

Correct fender positioning

What went right

No personnel injuries

No oil spill and pollution



VHF communication in good order

Lessons learned

Lessons learned

The hard way..

HOW WE GO ON TO LEARN FROM THE INCIDENT

01

Lesson 1

A safe STS requires support & assurance from the charterer for the experience of the POAC

02

Lesson 2

Due diligence in all stages and from all involved personnel

03

Lesson 3

JPO shall always be discussed and agreed by all involved parties

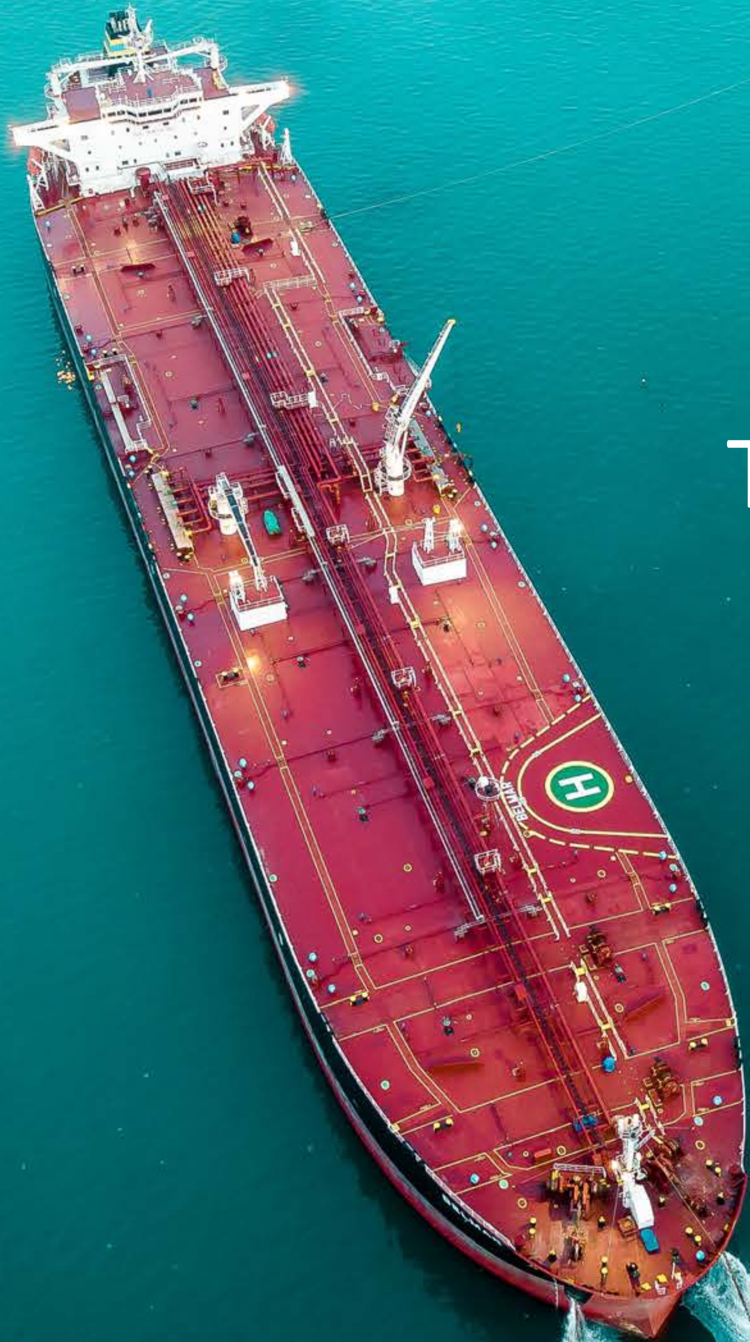
04

Lesson 4

Training is required for senior officers about the best practices.

Final Lesson

Master shall bear in mind that he is responsible and that he can aboard the operation anytime he feels unsafe



THANK YOU FOR WATCHING