



# Fleet Incident Report and Lesson Learned

FIR # 6

Distribution Date: 22 Sep 2016

Action Item Due: YES

## Incident Report: Near Miss on the R/V Proteus- Mooring Line Parted

### What Went Wrong

The Proteus was attempting to moor at the cement dock in Tampico, Mexico for a port call in heavy river current. The communications between the bridge, AB's tending lines onboard, and the stevedores on the dock were inadequate, which allowed the vessel to pull on forward spring line (due to heavy currents and mooring bollards not being aligned for a smaller vessel as the Proteus), causing it to over-tension and snap. The mooring line recoiled and impacted side of the vessel, but did not contact any personnel. It was noted, after the mooring line snapped, that several mooring lines had abrasion and broken strands. This near miss very well could have resulted in severe injury or death if the parted mooring line had recoiled and hit anyone onboard or on the dock.

### What needs to be done to correct this issue

All vessels will routinely inspect mooring lines for damage. Damaged mooring lines will be taken out of service and replaced by contacting [resupply@tdi-bi.com](mailto:resupply@tdi-bi.com). All vessels will develop JSA for mooring vessel and will review the JSA in a toolbox meeting prior to attempting to moor vessel. Lastly, communication between the bridge, deck, and shoreside personnel will need to be improved (handheld vhf) so all personnel are aware of changes in vessel position, environmental factors (current, wind, shallow water etc).

### Actions you need to take to prevent a similar incident on your vessel:

Department	Responsible Person	Action to take	To be Completed by Date
ABs, Engineering, Bridge	First Mate	Review this FIR with the entire crew at the next safety meeting.  Inspect mooring lines prior to use and order replacements as necessary.  Develop a vessel specific JSA for mooring the vessel and review prior to each mooring.	<b>October 15, 2016</b>  Send mooring JSA to <a href="mailto:HSE@tdi-bi.com">HSE@tdi-bi.com</a>

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