

# Marine Safety Flash

## A14-14 (15<sup>th</sup> September)

### Bulk Hose Recoil on Supply Vessel



#### Incident Overview

On 15th May 2014, a platform supply vessel (PSV) was supporting a drilling rig with bulk product supply. In preparation for the activity the internal bulk system was charged with pressure. A leak was experienced at 5 bar. The Stop Work Authority was exercised and charging ceased.

A portable vent hose was rigged over the side of the vessel. Two (2) Integrated Ratings (IR) personnel were requested via radio to open a valve linking the bulk pod to the portable vent hose and move clear.

A loud bang was heard as (approximately 5 bar) pressure released through the metal diffuser end of the 4" x 8 m hose. The hose whipped back onto the narrow cargo walkway landing 3 m from both IRs (who were in the process of moving to a safe position). Nobody was injured in this event.



Bulk pod that experienced a Leak.



Cargo walkway where incident occurred.

#### Key Findings

- There was no assurance process in place to ensure closed loop radio communications consistent with industry radio protocols during the task.
- Expectations regarding the steps to be carried when re-tasking after Stop Work Authority had been actioned were not adequately communicated.
- The Dry Bulk Load/Discharge Procedure and Job Hazard Analysis in use did not provide sufficient clarity regarding the expectations for venting pressure from pressurised pods. Preference was given to the portable vent hose instead of safer methods involving venting back to the rig or using subsea vents.

#### Recommendations

- Marine vessel selection criteria to include the requirement for T-piece diffusers on flexible vent hoses.
- Contractor to develop a radio communications verification of competency process.
- Clarify expectations for safe re-tasking after exercising Stop Work Authority.
- Update Dry Bulk Load/Discharge Procedure and JHA to reflect preferences for subsea venting and methodology for safe vent hose use.
- Ensure that Marine service providers have a radio communications verification of competency process in place for industry radio protocols.