

# Marine Safety Flash

## A16-36 (14<sup>th</sup> September)

### Unsafe mooring practice

#### Incident Overview

The below final mooring arrangement was sighted on one of our AHTS whilst ship was secured alongside another OSV in port. The headline was left turned up on Windlass Drum.



Such an arrangement would result in the drum end taking most (if not all) of tension during period vessel moored alongside. This is despite rope end being turned up on the mooring bitts. It is not only poor seamanship but an unsafe practice.

Windlass drum has a lower SWL than the mooring bitts and is designed to support general heaving and paying out of mooring lines. They are not designed for taking weight/ tension of mooring lines over prolonged period. Inappropriate use of windlass drum for fastening of mooring line can result in damage to windlass system and potential serious injury to Mooring Team during mooring operations.

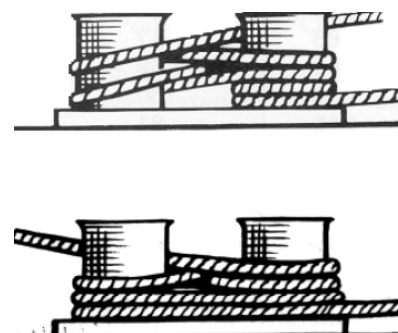
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## Key Findings

Mooring Team shall employ the use of Stopper and transfer the mooring line from windlass drum to mooring bitts for securing once ship is in position.

When making synthetic rope fast on the bitts, DO NOT use a figure of eight alone, but first use two round turns (Not More) around the leading post of the bitts (For large size bitts) or around both posts (For bitts with smaller circumference). This system allows better control of the lines.



## Recommendations

Refer to Vessel Operators 'Guidelines on Mooring Operation' for more guidance on safe mooring operations.