

Safety Alert

Number: 20-02

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Subject: Potential Dropped Object – Improvised Tool

What Happened / Narrative

A food container was shipped to a location using one of the term charter vessels. The unit was lifted from the vessel to the installation where a makeshift hook was identified hanging from the unit handle as can be seen in the pictures below.

The investigation identified that when the vessel crew were securing the cargo with the tugger wire, they had been using the hook arrangement to stop the wire falling lower when they were tensioning the wire.

Using the electronic DROPS calculator, the 'hook' at 0.242kg with a maximum potential drop distance of 40m at the highest point above the vessel and the installations main deck had the potential to create 95.05 Joules ($0.242 \times 40 \times 9.82 = 95.05\text{J}$).

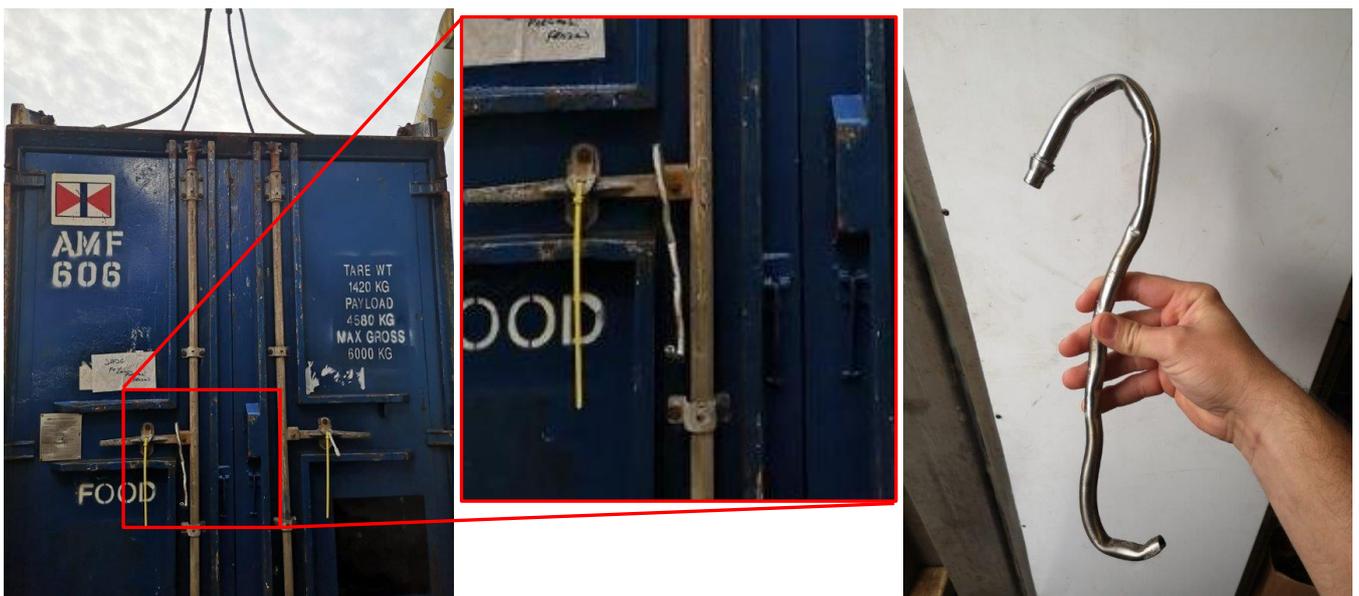
Why Did it Happen / Cause

- Improvised tool used for vessel deck activity contrary to vessel's Cargo Securing Manual (such tools now banned by vessel)
- Loose object left unsecured on food container
- Insufficient cargo checks prior to lift to installation

Corrective Actions Taken / Recommendations

- Vessel held a Time Out for Safety with vessel crew to raise awareness of Near Miss, Potential Dropped Objects' and the use of appropriate tools.
- Crew reinforced with checks as required by GOMO 9.6 and vessel Risk Assessment for cargo handling/discharge.
- Vessel owner shared Safety Alert across the fleet and across the industry through the Marine Safety Forum.
- Introduction of scheduled visits to Marine vessels by members Technical Specialists to review and discuss safety incidents / issues.
- **It is recommended that vessels hold a Time Out for Safety to discuss this safety alert with both crews**

Photographs / Supporting Information



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