Potential dropped object due to unsecured door

Description of Process:
A flat pack spooler unit was being lifted from the boat to be landed on to the main platform deck

Description of Issue:
During a lift, the storage door had opened which revealed a small tool box inside which was not secured

Investigation Findings / Learning:
- The Antiluce drop lock had no means of secondary retention during transportation
- Inconsistent approach to implement best practice across all workshops
- No prior industry alert sourced for similar occurrence
**Good Practice Guidance:**

**Corrective Action:**
- Implemented secondary retention solution
- Raise awareness at morning briefings and safety meetings
- Ensure final release inspections cover all secondary retention areas on equipment

**Recommended Retention Method:**
Recommended method of secondary retention is a tie wrap

- Recommended size of the tie wrap is between 4.7mm and 13.2mm for drop locks
- Secondary retention must be in place on all units with drop locks for both outward and inward transportation

**Unsuitable Retention Methods:**
Do not use linch pins, R-clips, spring / roll / nappy pins or any other type of pin device as a means of secondary retaining for lifting equipment or securing at height as they can spring open or be knocked out
Related resources:

Step Change: Design and Handling of Cargo Baskets [https://www.stepchangeinsafety.net/safety-resources/publications/design-and-handling-cargo-baskets](https://www.stepchangeinsafety.net/safety-resources/publications/design-and-handling-cargo-baskets)


Step Change in Safety Lifting Forum – for more info contact support@stepchangeinsafety.net

Other: Best Practice for the Safe Packing and Handling of Cargo to and from Offshore Locations [https://oilandgasuk.co.uk/wp-content/uploads/2015/05/HS072.pdf](https://oilandgasuk.co.uk/wp-content/uploads/2015/05/HS072.pdf)