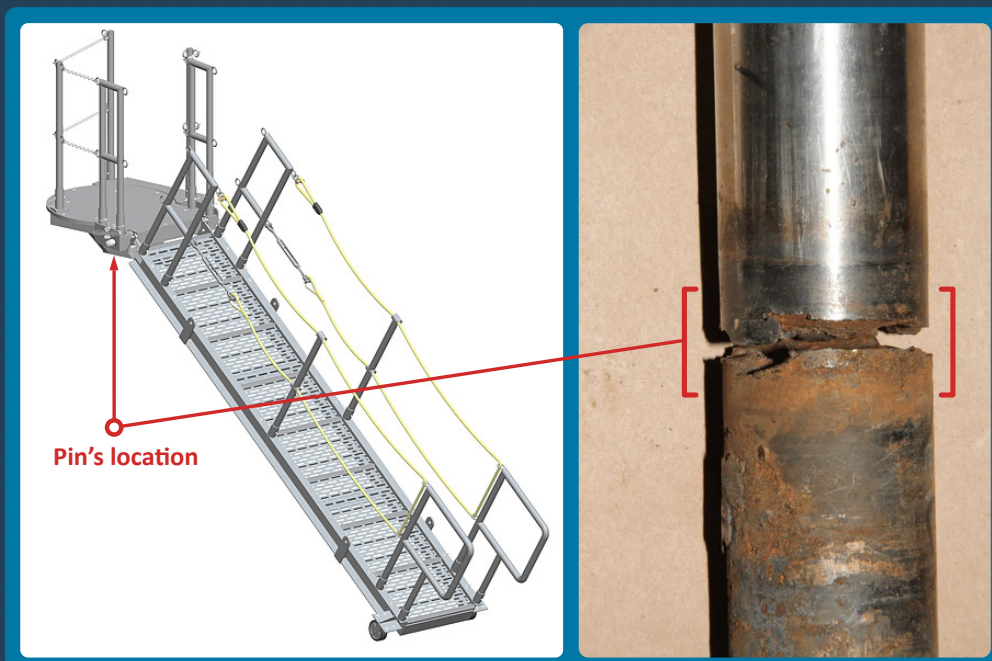


## ACCOMMODATION LADDER'S TURNTABLE PIN



- HELMET ELEMENT 4 'Safety' – Item 10 'Means of embarkation, disembarkation, and pilot transfer'
- Code of Safe Working Practices – Ch.14 'Permit to work systems' & Ch.22 'Boarding Arrangements'
- VIQ – Section 5.47 - (Access)
- SIRE 2.0 Questionnaire – 5.5.4 & 5.10 'Safe Access'

**INCIDENT:** During an onboard assessment by PAS Assessor, the ship's crew deployed the accommodation ladder for the disembarkation of a crew member. The ladder suddenly collapsed into the ship's side, resulting in the injury of the AB seaman, who was working aloft on the gangway. After thorough investigation, it was evidenced that the turntable pin of the main step broke due to extended corrosion.

### IMPORTANCE OF PROPER CONDITION

Corroded turntable pins can cause structural failure on accommodation ladders and result in serious injury. Recent research revealed that a considerably large number of vessels have accommodation ladder turntable pins in service for more than 20 years without replacement. Additionally, Pilots keep complaining for the embarkation ladder's poor maintenance condition and improper arrangement.

### SUGGESTIONS

- Follow a periodical inspection routine in order to detect wear signs and ensure proper operation of the gangway's upper platform and pins.
- When working on the accommodation ladder, never omit to wear the proper PPE and use of a harness and a lifeline at all times.
- Inspect all moving parts of the ladder to be free of corrosion or surface cracks.
- Ensure pilot boarding arrangements are always correctly rigged under the supervision of a responsible officer.
- Circulate a fleet safety message to promote awareness among ship crew, operating such equipment.

### BEST PRACTICE

Adopt a "Permit to Work" system in the Company's SMS, particularly for third-party and pilot boarding arrangements. This would provide additional assurance that the vessel performs onboard operations in a safely manner.

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