

Asset Integrity: Facility types in NOPSA's jurisdiction

- Normally attended: 21
- Not normally attended: 31
- FPSOs + FSOs: 12
- MODUs: 13
- Construction vessels: 7
- Pipelines: 59
 - 7 of these facilities have been subject to life extension since commencement of NOPSA's operations with several under review

NOPSA's Facility Integrity National Programme

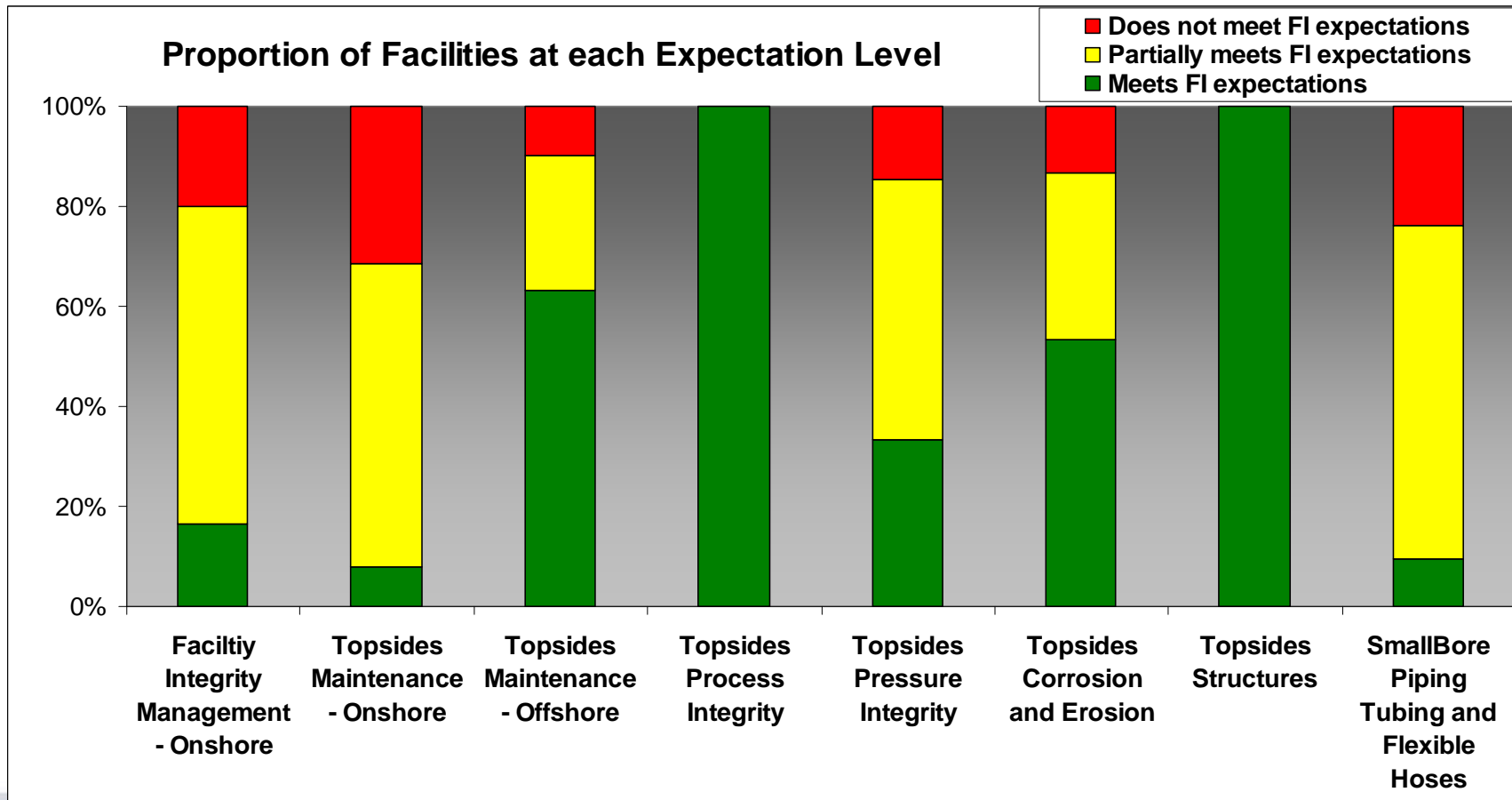
- **Data obtained from:**
 - NOPSA's Planned Inspections using prompt sheets that reflect NOPSA's view of good practice
 - accidents and dangerous occurrences reporting under the OHS legislation

Programme findings

- **Safety management system areas of improvement:**
 - Backlog management, safety critical elements and deferrals
 - Monitoring and auditing
- **Hydrocarbon release major root causes:**
 - Equipment difficulty (ED): Parts Defects (particularly valves and pipes)
 - Human Performance Difficulty (HPD): Procedures

Facility Integrity

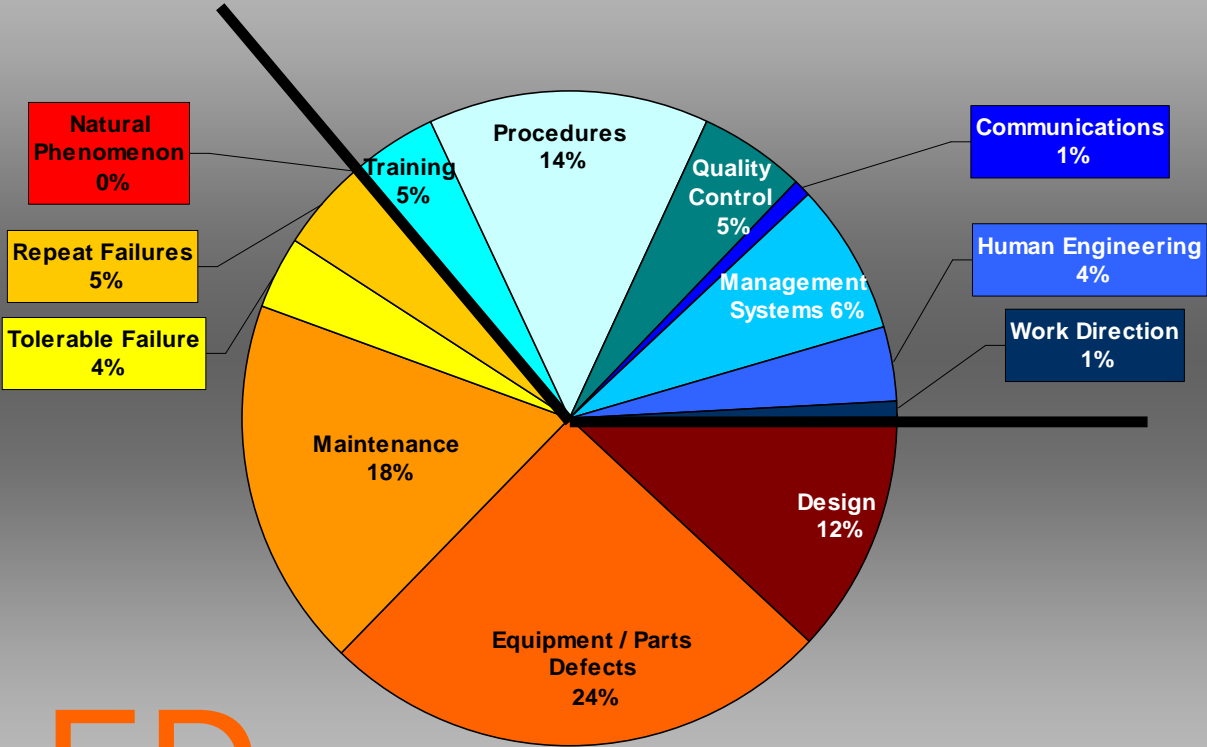
- Good Practice Expectations



Hydrocarbon releases root causes

Specific Root Causes of HCT Releases

HPD



ED