



ALTAIR ENGINEERING INSPECTIONS PTE LTD

6. **Project Name:** Liza Destiny & Liza Unity
Client: Keppel Shipyard, Singapore
Project Year: Liza Unity-2020-2021/Liza Destiny-2018-2019
Description

- The Project involved requires implementing **PAUT** in dissimilar piping welds at fabrication stage.
- Inspection scope CS + Inconel (ID Clad & weld) pipe welds from $\varnothing 14''$; Thickness-50mm
- Inspection scope-Duplex SS pipe welds from $\varnothing 1''$ - $\varnothing 6''$; Thickness- 9.5mm-15mm
- Procedure & Technique developed with standard calibration & validation blocks fabrication.
- Validation of procedure, technique & operator qualification was done successfully with SBM, ExxonMobil (Huston) Marine & Keppel representative's witness.
- Technician involved was qualified by **Force Technology** PAUT Mockup test.
- Onsite Inspection activities were witnessed by SBM, ExxonMobil Marine & Keppel representatives. Inspection data & Report was reviewed by SBM & Exxon Mobil Marine representatives.
- Job Ref-D1673, D2002



Person Involved:

Procedure/Technique Sheet: Shaik Khaja Mohiuddin/Siraj Hameed Masroor/Mohsin

Technique Qualification: Ganesh/Martin/Meera/Aziz

Field Inspection: Ganesh/Martin/Meera/Aziz