



Service Suppliers Requirements

FIRMS ENGAGED IN THICKNESS MEASUREMENTS ON SHIPS

- ❑ Extent of engagement – Thickness measurement of structural material of ships
- ❑ Supervisor – The responsible supervisor shall be qualified according to a recognized National or International industrial NDT standard (e.g., EN 473 level II or ISO-9712 level II).
- ❑ Operators – The Operators carrying out the measurements shall be certified to a recognized National or International industrial standard (e.g., EN 473 level I or ISO-9712 level I) and shall have adequate knowledge of ship structures sufficient to elect a representative position for each measurement.
- ❑ Equipment – On coated surfaces, instruments using pulsed echo technique (either with oscilloscope or digital instruments using multiple echoes, single crystal technique) are required. Single echo instruments may be used on uncoated surfaces, which have been cleaned and grinded.
- ❑ Procedures – Documented work procedures are at least to contain information on survey preparation, selection and identification of test locations, surface preparation, protective coating preservation, calibration checks, and report preparation and content.
- ❑ Verification – The supplier must have the PMDS-Surveyor's verification of each separate job, documented in the report by his signature.
- ❑ Reports – Reports are to be submitted in standard industry forms, and they are to indicate at least the following information:
 - a. The location of measurement
 - b. The original thickness
 - c. The measured thickness
 - d. The amount of diminution.