This report is the National Regulator’s preferred method for surveyors to monitor and record the *initial construction or alteration – hull deck and superstructure* survey for welded vessel construction, by compartment. It is a minimum set of information expected by the National Regulator, it is not intended to be an exhaustive list.

**Survey Details**

Vessel name Unique identifier

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Name of surveyor

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**Result - In order (Y) / Not In order (N) / Not Applicable (NA)**

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| **Item** | **Survey checks** | **Y/N/NA** | **Surveyor Comments/ drawing / document reference** |
| Production facilities | Verify workshop is free from contamination and appropriate for the vessel to be built | choose |       |
| Construction process | Verify builder has written procedures for the construction processVerify approved plans are displayed in a conspicuous placeVerify builder has a quality control process to ensure compliance with design documentation through build | choose |       |
| Welding Procedure Specification (WPS) | Examine and confirm the yard WPSMonitor implementation of WPS | choose |       |
| Welding Procedure Qualification Records (WPQR) | Verify fabrication personnel have the appropriate WPQRMonitor implementation of WPQR  | choose |       |
| Material storage and handling practices | Inspect material storage location and verify suitabilityVerify that the builder segregates materialsDiscuss material handling and prep practices | choose |       |
| Materials type and standard | Review and confirm primary material certification/documentationMonitor materials being used in construction | choose |       |
| Consumable materials type and standard | Review and confirm consumable material certification/documentationMonitor materials being used in construction | choose |       |
| Records | Verify builder has in place a system to create and maintain records that may be relied upon for the purpose of survey Verify the builder has in place a process for drawing and document control | choose |       |

**Design approval compliance**

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| **Item** | **Survey checks** | **Y/N/NA** | **Surveyor Comments/ drawing / document reference** |
| In accordance with approved plans | The vessel’s structure is constructed in accordance with the approved plans and design documentation. | choose |       |

**Surveyor’s declaration**

I declare that:

* I have conducted survey(s) as indicated, of the above mentioned vessel, in accordance with the applicable standards as set out in Marine Order 503 Certificates of Survey, and that to the extent evident from the inspection/s carried out I am satisfied that the vessel meets the standards.
* I consent to the Australian Maritime Safety Authority using and disclosing the information provided in this form for purposes associated with the administration of the Marine Safety (Domestic Commercial Vessel) National Law Act 2012.
* I understand and acknowledge that the Australian Maritime Safety Authority, as the National Regulator, may ask that I provide any information or document that the National Regulator reasonably considers necessary in relation to this recommendation.

Signature of surveyor Date

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| **Compartment Name** |       |

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| **Item** | **Survey checks** | **Y/N/NA** | **Surveyor Comments/ drawing / document reference** |
| Bottom stiffeners & frames | Dimensional and visual check of spacing and section against plansDimensional and visual inspection of alignmentDimensional and visual check of welding (length, spacing, pattern, throat)Dimensional and visual inspection of DC welding and weld returns at end pointsVisual inspection of termination / structural continuity detailing | choose |       |
| Side stiffeners & frames  | Dimensional and visual check of spacing and section against plansDimensional and visual inspection of alignmentDimensional and visual inspection of DC welding and weld returns at end pointsVisual inspection of termination / structural continuity detailing | choose |       |
| Bulkhead stiffeners & frames  | Dimensional and visual check of spacing and section against plansDimensional and visual inspection of alignmentDimensional and visual inspection of DC welding and weld returns at end pointsVisual inspection of termination / structural continuity detailing | choose |       |
| Deckhead stiffeners & frames  | Dimensional and visual check of spacing and section against plansDimensional and visual inspection of alignmentDimensional and visual inspection of DC welding and weld returns at end pointsVisual inspection of termination / structural continuity detailing | choose |       |
| Pillars / columns  | Dimensions and visual check of section Dimensional and visual check of locationVisual inspection of end connections | choose |       |
| Bracketing detail  | Visual inspection of bracket detailDimensional check of bracket locations and sections | choose |       |
| Insert plates  | Dimensional and visual check of radii and edge taperingDimensional and visual check of welding | choose |       |
| Plate seam welding  | Dimensional and visual check of weldingVerification that all seam welds are double continuous  | choose |       |

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| **Item** | **Survey checks** | **Y/N/NA** | **Surveyor Comments/ drawing / document reference** |
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| **Compartment Name** |       |

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| **Item** | **Survey checks** | **Y/N/NA** | **Surveyor Comments/ drawing / document reference** |
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| **Item** | **Survey checks** | **YN/NA** | **Surveyor Comments/ drawing / document reference** |
| Bottom stiffeners & frames | Dimensional and visual check of spacing and section against plansDimensional and visual inspection of alignmentDimensional and visual check of welding (length, spacing, pattern, throat)Dimensional and visual inspection of DC welding and weld returns at end pointsVisual inspection of termination / structural continuity detailing | choose |       |
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