Australian Government
Australian Maritime Safety Authority

INSPECTION OF AN EX40 VESSEL

Marine Safety (Domestic Commercial Vessel) National Law Act 2012
Marine Order 503 (Certificates of survey – national law) 2018
National Law – Marine Surveyors Accreditation Guidance Manual 2014
AMSA EX40 Marine Safety (Class C restricted operations) Exemption 2018 (No.2)

This report may be used by surveyors to record the inspection of a vessel in accordance with the requirements of AMSA EX40. If after survey the surveyor is satisfied with the vessel and equipment, this form may be used to make a recommendation to the National Regulator advising that the vessel is fit for purpose.

Survey location

Date of survey

Vessel details

Vessel name	Displayed unique identifier	AMSA issued UVI
Hull material	**Hull form (mono, cat etc.)**	**Maximum speed (kts)**
Drive type (outboard / stern drive / screw / jet)	**Engine make / model**	**Number of engines and power (kW)**
Length (m)	**Breadth (m)**	**Depth (m)**

Service Category	Crew	Special persons
choose		
choose		
choose		

Construction

Complete the "all vessels" section plus either option 1 or option 2 below.

All vessels

I have documented an appropriate structural survey of the vessel setting out the current condition of the vessel, its suitability for the intended use, and area of operation: ☐ Yes

Describe the intended purpose for the vessel, including any operational restrictions such as distance to home base, wave height, or wind speed considered in determining that the vessel construction is fit for purpose

Option 1 – Construction in accordance with recognised standards

The vessel is built in accordance with a recognised standard (NSCV, ISO 12215, ISO 6185, ABYC, USCG, RCD, or other nationally/internationally recognised standard) ☐ Yes ☐ NA

Evidence to determine standards compliance:

- ☐ a technical specification including the vessel's design standard and operational area category
- ☐ a declaration from the builder
- ☐ a plan approval survey

Option 2 – Construction based on safe operation and good state of repair

The vessel's construction is recommended as being fit for purpose based on a record of at least five years' history of safe operation. ☐ Yes ☐ NA

I am satisfied the vessel is designed and constructed so that it is fit for the purpose for which it is intended by the owner, taking into consideration the vessel's design, condition, intended purpose, likely weather conditions and usage patterns. ☐ Yes

Flotation

Note: Flotation compliance standard used in this section must also be used for Load Capacity determination.

Option 1 – Level flotation

The vessel has **level flotation,** complying with:

☐ ABYC H-8 ☐ ISO 12217-3 ☐ AS 1799.1 ☐ NSCV C6B

Option 2 – Basic flotation plus a liferaft or dingy

The vessel is fitted with a life raft or dingy sufficient to support all persons on board and, ☐ Yes ☐ No

The vessel has **basic flotation or (if ≥6m) meets the decked criteria**, in accordance with:

☐ ABYC H-8 ☐ ISO 12217-3 ☐ AS 1799.1 ☐ NSCV C6B

Option 3 – Basic flotation plus lifejacket plus lifebuoy or carley float

A risk assessment has been conducted for the vessel showing that it is safe to use this option ☐ Yes ☐ No

The risk assessment has been documented and the document kept up to date ☐ Yes ☐ No

The owner has confirmed that persons on board will wear life jackets at all times ☐ Yes ☐ N/A – Vessel > 7.5m

The vessel has **basic flotation or (if ≥6m) meets the decked criteria**, in accordance with:

☐ ABYC H-8 ☐ ISO 12217-3 ☐ AS 1799.1 ☐ NSCV C6B

And, the vessel is fitted with:

☐ Buoyant appliances sufficient to support all persons ☐ A carley float

Option 4 - Collared vessel, RIB or inflatable

The vessel complies with ISO 6185 - Parts 1 to 4 as applicable; ☐ Yes ☐ No

Load Capacity

The maximum load capacity of the vessel is determined to be:

[ ] kg

The vessels load capacity has been calculated in accordance with:

☐ABYC H-5 ☐AS 1799.1 ☐ISO 6185 ☐ISO 14946

Stability

The vessel has a net reel, crane, lifting device or deck load installed. ☐Yes ☐No

I am satisfied that the vessel has stability characteristics suitable for restricted offshore operations ☐Yes

I am satisfied that the vessel has stability characteristics suitable for the intended purpose ☐Yes

To determine the above I have used the following information or records (include details of any net reel, crane, lifting device or deck load installed and stability criteria applied) :

[ ]

Reliance on third party documentation for stability, load capacity and flotation

I have made enquiries to verify the reliability of the third-party documents for stability, load capacity and flotation and verified the documents confirm the vessel complies with the applicable standards ☐ Yes ☐ NA

Steering system

I am satisfied that the vessels steering system is fit for the intended purpose ☐Yes ☐No

If vessel is ≥ 7.5m does it have an emergency means of steering ☐ Yes ☐ No ☐ N/A

Bilge pumping

A Bilge pump is fitted to the vessel: ☐ Yes ☐ No ☐ N/A

Fuel tanks and piping

Number of non-portable fuel tanks fitted to vessel: [ ]

Fuel tank volume: [ ]

The vessels underdeck fuel system complies with NSCV C5A ☐ Yes ☐ No ☐ N/A

Flexible fuel lines are installed to avoid chafing, allow regular inspection and are certified in accordance with:

☐ ISO 7840:2013 requirements for type A1 ☐ SAE J1527 requirements for type A

Shafting

The vessels shaft installation complies with:

☐ ABYC P-6 2010 ☐ NSCV C5A ☐ No shaft

Electrical

Complete AMSA 563 / 564 form as applicable to the vessel is attached to this report. ☐ Yes

The vessels electrical installation complies with NSCV C5B / AS3000. ☐ Yes ☐ N/A

The vessel has a 3 hour emergency electrical supply ☐ Yes

Field of vision and window light transmission

The vessels field of vision, windows and decks complies with AS 1779.1 ☐ Yes

Watertight and weathertight integrity

The vessels hull penetrations comply with:
☐NSCV C5A ☐ISO 9093-1 part 1:Metallic

All deck openings that may be used at sea are arranged near the centreline		☐ Yes	☐ N/A
All inlets have steel valves that are accessible during normal operations		☐ Yes	☐ N/A
Penetrations below the LWL that are not sea inlets are fitted with steel non-return valves		☐ Yes	☐ N/A
Discharges with diameter ≥ 50mm located less than 225mm above the LWL have a steel valve	☐ Yes	☐ No	☐ N/A
If No - a bilge alarm is fitted and there is an alternate means to stop flooding		☐ Yes	☐ N/A

Fire equipment

2 dry powder extinguishers of 4.5 kg ☐ Yes ☐ No ☐ N/A
Or
The quantity and type of fire extinguisher mentioned in AS 1799.1:2009 ☐ Yes ☐ No ☐ N/A
If AS1799.1 record type and quantity fitted:

Means of smothering fire for Main Engine>120kW and contained in enclosed space ☐ Yes ☐ N/A

Record of safety, navigation, communication in accordance with exemption 40

Item	Quantity / Expiry
Lifejackets -level 150 standard (Number)	
Lifebuoy or buoyant appliance with light 1 with a self-igniting light	
3 distress signals – red star parachute rocket	
2 distress signals - red handheld distress flare	
1 distress signal – orange smoke handheld	
EPIRB – registered with AMSA	
Water proof buoyant Torch	
Distress signal - V sheet marine	
1 First aid kit	

Item	Quantity / Expiry
2L of water per person	
Sound signal – a sound signal (horn). *Note: if the horn is portable, a spare canister is required*	
Magnetic compass 75mm	
GNSS receiver (e.g GPS)	
Navigation Lights	
Radio 1: complying with NSCV C7B	
Anchor and cable	
2 Oars (for vessels <5m)	
1 9L bucket with a lanyard if the vessel is not self-draining	

All equipment complies with and is installed in accordance with NSCV F2 specifications ☐ Yes

Notes

Additional supporting documentation

The following documentation is provided to support this recommendation:

Item #	Document name

On conducting the survey(s) I make the following recommendation:

- ☐ **Recommended** - Where a surveyor recommends a survey the vessel must fully comply with the applicable legislation and standards and the vessel must not have any outstanding deficiencies.
- ☐ **Recommend with Conditions** - Where a surveyor recommends with operational or environmental conditions, the vessel must fully comply the applicable legislation and standards and the vessel must not have any outstanding deficiencies. **The surveyor must provide details of the condition they think should be imposed in the comments section below.**
- ☐ **Do not Recommend** - Where a surveyor does not a recommend a survey the surveyor must fully detail the deficiencies with status of 'will not resolve'. **The surveyor must provide details and supporting documentation to support the recommendation in the comments section below.** See SAGM – 2.9.4

Recommended Conditions / Disputed Items / Deficiencies (will not resolve) / Item(s) not required / Comments

Surveyor's declaration

I declare that:

- I have conducted a survey(s) of the above mentioned vessel, in accordance with the applicable standards as set out in Marine Safety (Class C restricted operations) Exemption (EX40), and that to the extent evident from the inspection/s carried out, I am satisfied that the vessel meets the standards.
- 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

Name of Surveyor

Surveyor Number

Signature of Surveyor

Date of Completion

Recognised Organisation / Company or trading name

Where to lodge: Lodge in MARS

Privacy Statement

The collection of information requested in this form is required or authorised by *Schedule 1* of the *Marine Safety (Domestic Commercial Vessel) National Law Act 2012* (the Act). It will be used for purposes related to the Act and may be provided to Commonwealth or State / Territory government agencies for the purposes of marine safety. Failure to provide the information may result in the transaction not being processed. To contact us, or for more information on how to access or correct your personal information, how to make a privacy complaint, or how your information may be used or disclosed for purposes beyond those described in this statement, visit www.amsa.gov.au/privacy/