

Positive Flotation Statement

Transport Operations (Marine Safety) Act 1994

DMS File Number



Queensland Government
Maritime Safety Queensland

Purpose for issue of Form (Tick one of the following as appropriate)

- Recreational Ship: Regulation section 30 ☐
- Safety Equipment: section 13, 14, 15 ☐
- Registered Tender: Commercial/Fishing ship: Section 37, 38 ☐
- Registration (Commercial Ship) Section 66 ☒

Notes:

- This statement is **not** acceptable for ships that are, or greater than, 6m in length.
- This statement is **not** acceptable for ships that carry more than 12 persons and/or those that operate more than 15 nautical miles from land.
- The following are **minimum requirements** for determination of the total number of persons carried;
 - 75 kg per person
 - 110 kg per person for diving operations
- It is the declarant's responsibility to ensure that any **additional restrictions** such as maximum wave height, wind speed, maximum distance from land or any other restrictions that are necessary to ensure the safe operation of the ship are recorded on this statement. These restrictions will be included on the ship's certificate of registration as conditions of operation.

	Photographic evidence	Complete details on reverse side of this statement	Nominate standard & provide complete calculations	Complete declaration
Swamp test	✓	✓		✓
Calculation			✓	✓

Ship details

Ship's name	Serial No./ID No.	
SMARTWAVE	PROTOTYPE FOR TYPE APPROVAL	
Model	Rego. No.	
SW 4200		
Manufacturer	Year of Manufacture	
ADVANTAGE PLASTICS NZ	2014	
Length	Breadth	Depth
4.30 m	1.93 m	0.83 m
Maximum engine KW power	Maximum engine weight	Dry weight of ship
36.77 kw	105 kg	220 kg
H.I.N.		
NZ-APS 11263		
Construction material		
POLYETHYLENE		
Ship type (eg. jet ski, dinghy, etc)		
DINGHY.		

Privacy Disclaimer: The information you provide to Maritime Safety Queensland on this form is collected for the purpose of providing a register of registered ships within Queensland. Personal information such as the owner's name and address will be available to the public as a public register on the Commercial Information and Registration Management System (CIRMS) in accordance with the Transport Operations (Marine Safety) Act 1994.

Declaration

PF

39954

I, R.L. HOWELS
(Print name)

of HOWELS MARITIME SERVICES
(Print company/business name)

PO BOX 137, REDLUNCH, QLD 4870
(Print address)

Ship builder ☐ Marine Surveyor ☒ Ship Designer ☐

Accreditation No. AMS 315

Declare that in accordance with the requirements of the *Transport Operations (Marine Safety) Act 1994*, the ship as described on this form, because of the way it is built or the materials from which it is constructed or both, is able, when filled with water, to remain afloat in an upright position while carrying its normal operational equipment and the total number of persons (not to exceed 12) recorded for this ship.

I make this declaration as a result of a swamp test conducted on; "date below" (attach photographs)

Date of swamp test

11 / 4 / 14
day month year

or calculations to a recognised standard made on; "date below"

Date of calculations Standard Used

day / month / year

knowing that it is an offence under the *Transport Operations (Marine Safety) Act 1994* to give to the chief executive, the general manager or an officer of the department or of Marine Safety Queensland a document containing information that I know is false or misleading in a material particular.

Declarant's signature

Date

Place

12 / 4 / 14
day month year

CAIRNS, QLD

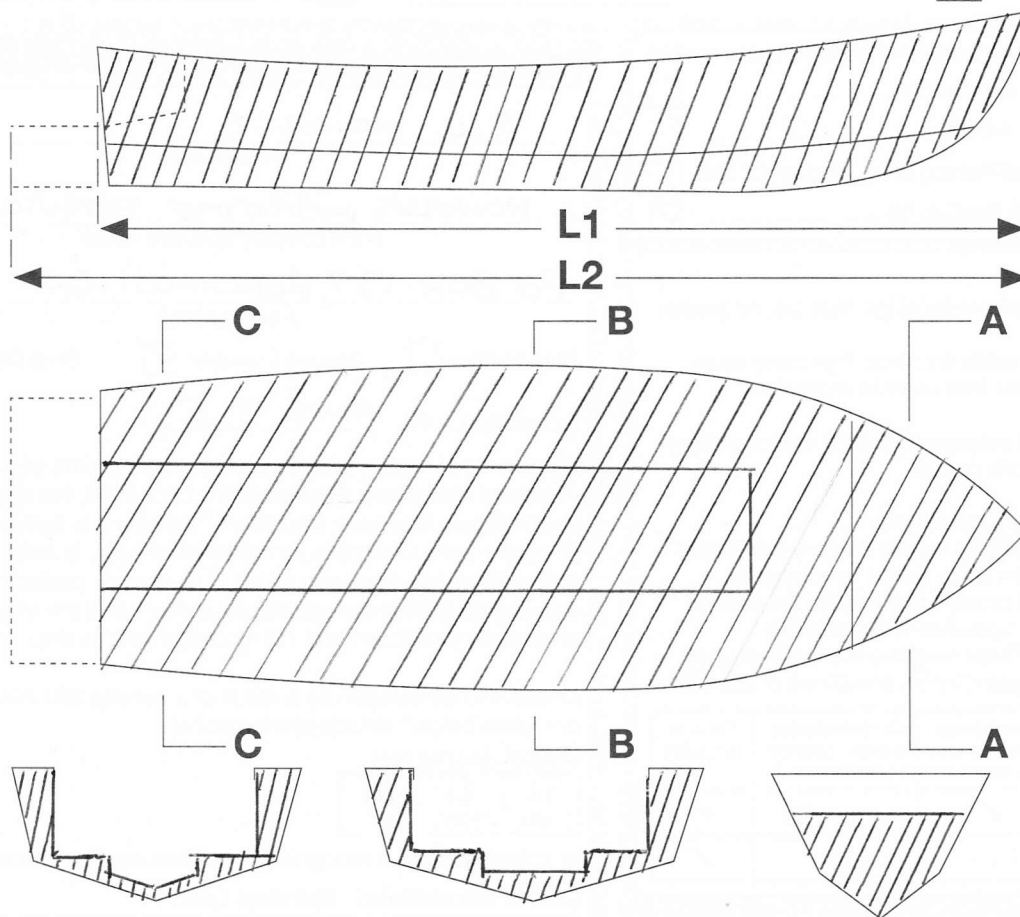
Foam / Buoyancy locations

- Complete the diagram on page 2 to show the locations and area of buoyant material thus ☒ (shaded box)
- Note that it is not acceptable that all buoyant material be under floor
- Describe the buoyant material (e.g. air tight compartments; foam; void spaces etc.)
- Show the total cubic capacity of buoyant material.
- If the ship has a pod, complete the dotted sections.
- Complete SECTIONS A to C to represent the location of the buoyant material
- In the case of catamarans, pontoons or hybrid ships attach sketches
- The person making the declaration of positive flotation shall attach detailed calculations and nominate the standard used or fully describe how the swamp test was performed including damage effect on air chambers (if used)
- Where an alternate standard to USL / NSCV is used, the whole of the standard is to be applied, including foam quality, coating and distribution requirements.

Continued next column... Forms Management Unit

FOAM / BUOYANCY LOCATIONS

1. Complete the diagrams to show the locations and area of buoyant material thus



L1 = 4.30 M

L2 =

Section C

Section B

Section A

STATEMENT OF SUITABILITY (Required ONLY for registration as a commercial ship under section 66)

NOTE: A written statement by the manufacturer or agent that addresses the criteria below is acceptable in lieu of this statement.

I, R. L. HOWELLS of PO BOX 137, REPLINCH, QLD
(Print name) (Address)

Being the - Builder (manufacturer) of the ship ☐ an agent for the builder of the ship ☐
an accredited marine surveyor ☒ ship builder ☐ ship designer ☐

Accreditation number

AMS 315

State that the ship described on page 1 is suitable for the intended use and operation in the area as indicated on this form, or as described in the attached document containing that information, and is equipped with the safety equipment appropriate to that area of operation for the number of persons (not exceeding 12):

Area	Maximum No. of persons	Maximum weight	Restrictions
Smooth water	<u>5</u>	<u>580 kg</u>	<u>WITHIN 5 NAUTICAL MILES OF THE COAST</u> <u>MAXIMUM WAVE HEIGHT 1.5M, MAX WIND 15 KNOTS</u>
Partially smooth waters	<u>5</u>	<u>580 kg</u>	<u>" "</u>
Inshore operations up to 15 nautical miles from land			

Intended purpose of use:

Hire and drive ☐ Tender to another ship ☐ Other ☒ (eg. fishing, workboat - describe)
Drive operations ☐ Charter ☐

PROTOTYPE FOR TYPE APPROVAL TESTING

I make (or provide) a statement of suitability knowing that it is an offence under the Transport Operations (Marine Safety) Act 1994 for a person to give to the chief executive, the general manager or an officer of the department or of Maritime Safety Queensland a document containing information the person knows is false or misleading in a material particular. Maximum penalty \$15,000

Declarant's signature

[Signature]

Date

12 / 4 / 14
day month year

Place

CARRIS, QLD.

MSQ Locations: This form, when completed, is to be lodged at your local Maritime Safety Queensland Regional Office. Contact details for a Marine Operations Centre are contained in Form Number S4526 on the Queensland Transport website ("find a form") or at www.msq.qld.gov.au - Contact Us (top right hand corner).