OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		11

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A00029	See BLK 16	HSCG23-06-D-ARB001	RB-M

6. ISSUED BY CODE

Administrative Contracting Office
1600 Ely Street
Marinette WI. 54143-2434
Gail.S.Thomas@uscg.mil

7. ADMINISTERED BY *(If other than Item 6)* CODE

N/A

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

Marinette Marine Corporation, Inc.
1600 Ely Street
Marinette, WI 54143
DUNS #00-613-5388

CODE FACILITY CODE

(4) X

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED ***(SEE ITEM 11)***

10A. MODIFICATION OF CONTRACT/ORDER NO. HSCG23-06-D-ARB001

10B. DATED ***(SEE ITEM 13)*** 21JUN2006

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* *N/A*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(4)	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.103(a) (3) Bilateral Modification
	D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return _1_ copy to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

This No Cost Modification incorporates Contract Change language to correct, clarify and amend portions of Section I – Contract Clauses, Section J – Statement of Work, and Section J - Specification.

(CONTINUED ON NEXT PAGE)

Except at provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
MARC E. JAMO, CONTRACTS MANAGER	GAIL S. THOMAS, USCG

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
Marc E. Jamo	3/25/09	BY Gail S. Thomas	Digitally signed by Gail S. Thomas Date: 2009.03.25 14:26:49 -05'00'

BLOCK 14 – DESCRIPTION OF MODIFICATION (CONTINUED)

A. This Modification incorporates administrative and no cost supplementally agreed changes to the Contract Clauses, Statement of Work, and the Specification.

B. PART II, CONTRACT CLAUSES, SECTION I – CONTRACT CLAUSES:

Revised Contract Clause 3052.215-70, "Key Personnel or Facilities. (Dec 2003)" to specify Kent, WA as the Primary Production Facility and Green Bay, WI as the Secondary Production Facility. Reference Contracting Officer e-mail dated 2 February 2009.

C. PART III, LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS, SECTION J, ATTACHMENT 1 – RB-M STATEMENT OF WORK (SOW):

Revised paragraphs 092-5.2.1 and 092-5.3.1. Change approval requirement from "Contracting Officer" to "Contracting Officer's Senior Technical Representative (Senior COTR)."

D. PART III, LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS, SECTION J, ATTACHMENT 2 – RB-M SPECIFICATION:

a. Revised paragraph 051-2.1, Reference USCG letter 085-R0070, dated 9 March 2007. Add language and Operational Envelope figure.

b. Added paragraph 075-1.8, Reference USCG letter 551-R0674, dated 20 August 2008. Add language authorizing specific use of black nylon cable ties.

c. Revised paragraph 079-3, Reference Contracting Officer e-mail dated 21 December 2007. Modified language clarifies Self-Righting Stability as incorporated into the Contract at Section A, page A-3, #15 at time of award.

d. Revised paragraph 100-3.1, Reference USCG letter 068-R0174, dated 19 September 2007 and ECP-029. Modified language defines acceptability of louver cutout corner radii.

e. Added paragraph 100-5.1, Reference Contracting Officer e-mail dated 1 February 2008. Add Fairness Values table.

f. Revised paragraph 613-1.2, Reference Contracting Officer e-mail dated 9 March 2009. Corrected cover material and color.

E. This No Cost Modification arrived at by mutual agreement of the parties, constitutes full and final adjustment of the Contract Price and Contract time of Delivery/Performance Periods for any direct, indirect, and consequential effects of Modification described herein including, but not limited to, cost incurred, and extension of time due to delay, disruption, or suspension of work.

F. This Modification does not obligate Government funds.

G. It is agreed that all other contract requirements remain unchanged.

H. This completes block 14.

Part II - Contract Clauses
Section I - Contract Clauses

I.1 [A00029] CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2) (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

http://www.arnet.gov/far/

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

NUMBER	TITLE (DATE)
52.202-1	DEFINITIONS (JUL 2004)
52.203-3	GRATUITIES (APR 1984)
52.203-5	COVENANT AGAINST CONTINGENT FEES (APR 1984)
52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1995)
52.203-7	ANTI-KICKBACK PROCEDURES (JUL 1995)
52.203-8	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY (JAN 1997)
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (JAN 1997)
52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (JUN 2003)
52.204-4	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER (AUG 2000)
52.204-7	CENTRAL CONTRACTOR REGISTRATION (OCT 2003)
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (JUL 1995)
52.211-5	MATERIAL REQUIREMENTS (AUG 2000)
52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS (SEP 1990)
52.215-2	AUDIT AND RECORDS - NEGOTIATION (JUN 1999)
52.215-8	ORDER OF PRECEDENCE – UNIFORM CONTRACT FORMAT (OCT 1997)
52.215-11	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA - MODIFICATIONS (OCT 1997)
52.215-13	SUBCONTRACTOR COST OR PRICING DATA - MODIFICATIONS (OCT 1997)

Fill-in:

Key Personnel/Facility	Description
Facility **– Kent, WA**	The Primary Production Facility
Facility **– Green Bay, WI**	Any Secondary Production Facilities used
Personnel	The Contractor's equivalent of the Government Contracting Officer.
Personnel	The Contractor's equivalent of the Government PRO Commanding Officer
Personnel	The Contractor's equivalent of the Government Technical Manager
Personnel	The Contractor's equivalent of the Government Logistics Manager
Personnel	The personnel filling the three full time equivalent positions required under paragraph 041-4.2 of Attachment 2 to Section J, the Statement of Work.

3052.219-70 SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING REPORTING (DEC 2003)

3052.222-70 STRIKES OR PICKETING AFFECTING TIMELY COMPLETION OF THE CONTRACT WORK (DEC 2003)

3052.223-90 ACCIDENT AND FIRE REPORTING (DEC 2003)

3052.228.70 INSURANCE (DEC 2003)

3052.237-70 QUALIFICATIONS OF CONTRACTOR EMPLOYEES AND INFORMATION TECHNOLOGY SYSTEM ACCESS FOR CONTRACTORS (NOV 2004) (DEVIATION)

3052.242-71 DISSEMINATION OF CONTRACT INFORMATION (DEC 2003)

3052.242-72 CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (DEC 2003)

3052.245-70 GOVERNMENT PROPERTY REPORTS (DEC 2003)

I.2 [A00001] PERFORMANCE-BASED PAYMENTS FAR 52.232-32 (FEB 2002)

(a) Amount of payments and limitations on payments. Subject to such other limitations and conditions as are specified in this contract and this clause, the amount of payments and limitations on payments shall be specified in the contract's description of the basis for payment.

(b) Contractor request for performance-based payment. The Contractor may submit requests for payment of performance-based payments not more frequently than monthly, in a form and manner acceptable to the Contracting Officer. Unless otherwise authorized by the Contracting Officer, all performance-based payments in any period for which payment is being requested shall be included in a single request, appropriately itemized and totaled. The Contractor's request shall contain the information and certification detailed in paragraphs (l) and (m) of this clause.

092-5.2.1 [**A00029**] After the completion of construction but prior to final weighing and dockside trials, the Contractor shall, in the company of designated Government representatives, conduct an inspection of all construction, systems, and equipment, to verify that the contract requirements have been met. These inspections shall be incorporated into the Inspection, Test, and Trials Program Schedule (CDRL 092-002), and Matrix Report (CDRL 092-006). Inspection, Test, and Trials Procedures (CDRL 092-003) shall be developed and results shall be reported as per Inspection, Test, and Trials Report (CDRL 092-004). The inspection shall follow a check list type format, developed by the contractor and approved by the Coast Guard, which is based on the specification requirements and requirements taken from referenced standards. Post construction inspections shall be completed and approved by the **Contracting Officer's Senior Technical Representative (Senior COTR)** before dockside trials can be started.

092-5.3 [Orig] Dockside Trials

092-5.3.1 [**A00029**] The Contractor shall, in the company of designated Government representatives, conduct Dockside Trials to ensure that all RB-M equipment and systems are installed and operate in accordance with OEM requirements. Trials shall be conducted as defined in the Inspection, Testing, and Trials Program Schedule (CDRL 092-002), and Procedures (CDRL 092-003). Dockside trials shall be completed and approved by the **Contracting Officer's Senior Technical Representative (Senior COTR)** prior to conducting underway trials. At a minimum, the Contractor shall demonstrate satisfactory operation of the following:

092-5.3.1.1 [Orig] Propulsion Engines and Propulsors

092-5.3.1.2 [Orig] Propulsion Controls

092-5.3.1.3 [Orig] Gauges and Alarms

092-5.3.1.4 [Orig] Propulsion Emergency Shutdown System

092-5.3.1.5 [Orig] Steering and Trim Controls

092-5.3.1.6 [Orig] Bilge Pumps

092-5.3.1.7 [Orig] Fire Alarms

092-5.3.1.8 [Orig] Fire Suppression System

092-5.3.1.9 [Orig] Electrical System

092-5.3.1.10 [Orig] Navigation Electronics

092-5.3.1.11 [Orig] Communication Electronics

092-5.3.1.12 [Orig] IR Camera System

092-5.3.1.13 [Orig] Heating, Ventilation, Air Conditioning and Window Defrosting

092-5.3.1.14 [Orig] Shelter In Place Ventilation Closures

092-5.3.1.15 [Orig] Window Wipers & Washing

092-5.3.1.16 [Orig] Mooring, towing and anchoring fittings

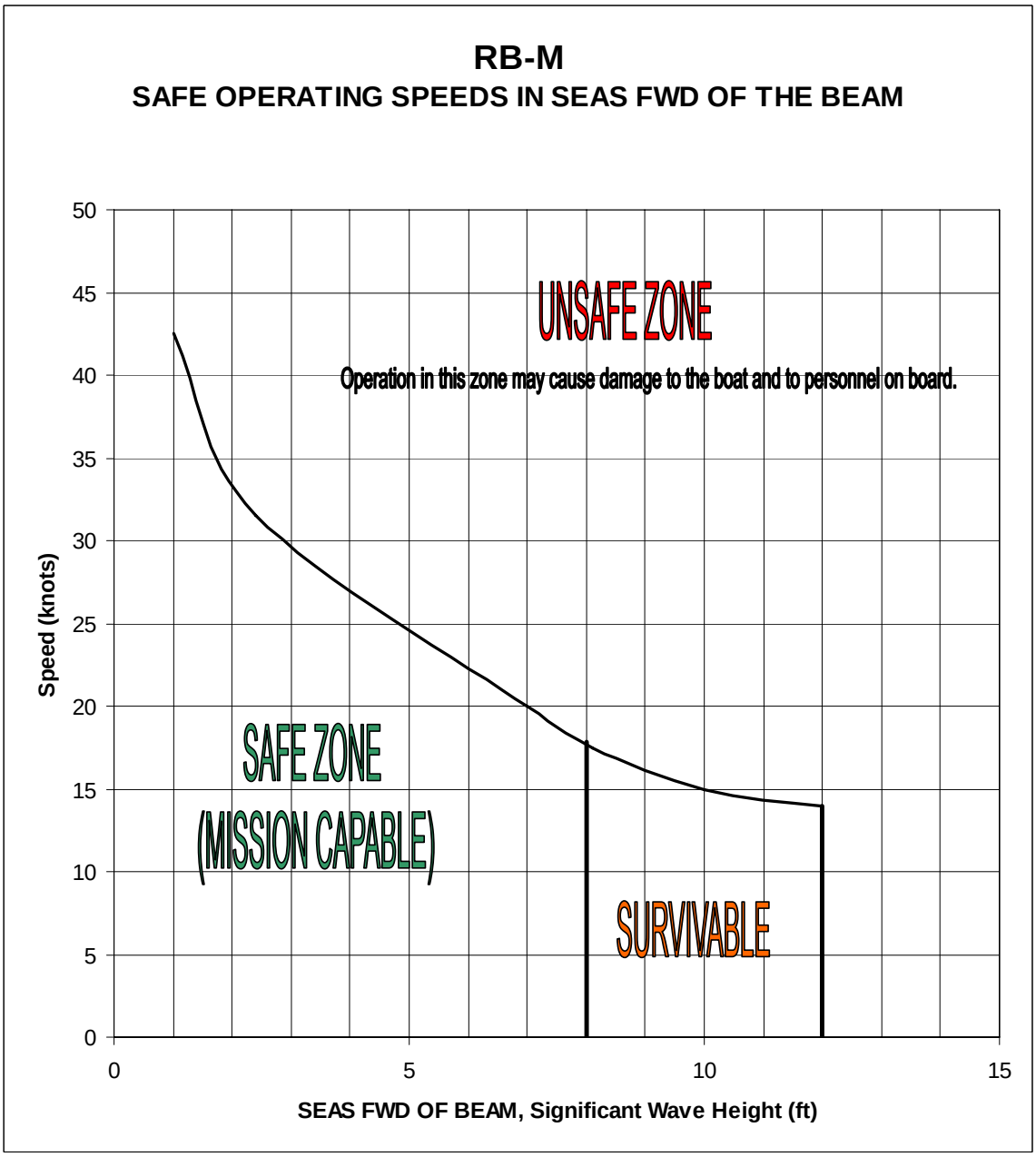
092-5.3.1.17 [Orig] Lighting Systems

092-5.3.1.18 [Orig] Cathodic Protection

051-2 [Orig] Maneuvering and Seakeeping

051-2.1 [**A00029**] The RB-M shall minimize the degradation of safe operating speed in increasing sea states. **At a minimum, it shall be capable of operating at the speed and sea conditions shown in Figure 051-1.**

Figure 051-1 Operational Envelope



075-1.6 [Orig] Riveting shall be limited to non-structural applications that would not need to be removed for routine inspections, bilge access, maintenance or repair of equipment. Rivet material shall be the same as the material it is being installed into.

075-1.7 [Orig] Quick release fasteners of the ball lock type shall be stainless steel with a push button “T” handle. These fasteners shall be provided with a stainless steel ring and lanyard to capture the pin when not in use.

075-1.8 [A00029] Black nylon cable ties may be used in lieu of stainless steel fasteners to secure soft, non-metallic tubing used in the compressed air system and windshield wiper system whose inner diameter is less than or equal to 3/8”.

077 [Orig] SAFETY

077-1 [Orig] Spray Shields and Protective Covers

077-1.1 [Orig] Protective covers or shields shall be installed to prevent the crew from accidentally contacting exposed rotating machinery.

077-1.2 [Orig] Protective guards, jacketing, or shielding shall be provided wherever persons or gear might come in contact with exposed high surface temperatures of any equipment or system, including the engine and its components that exceed 200 degrees Fahrenheit.

077-1.3 [Orig] Protective covers and shields shall be placed on piping and removable hose connections that contain flammable fluids under pressure

077-1.4 [Orig] Protective covers and shields shall be installed in accordance with Chapter 077, Section K, of COMDTINST M9000.6E

077-2 [Orig] Protection of Equipment, Piping and Cabling from Damage

077-2.1 [Orig] Exposed piping, tubing, hoses, electrical or electronic cables subject to mechanical damage or physical damage by the crew during operations, inspection and maintenance, shall be provided with protective covers.

078 [Orig] MATERIALS

078-1 [Orig] General

078-1.1 [Orig] This section specifies the minimum material standards and dissimilar metal restrictions. Material requirements stated in other sections of this Specification, which are in excess of the requirements of this section, shall have precedence over the requirements of this section.

078-1.2 [Orig] Wherever more than one material is available to meet the requirements of the Specification, material providing reduced maintenance shall be used.

078-2 [Orig] Materials

078-2.1 [Orig] When materials are referred to in this Specification without further identification, they shall conform to the following materials, as applicable:

078-2.1.1 [Orig] Aluminum

079-2.2 [Orig] The RB-M shall not heel more than one degree at any speed when running in calm conditions. The trim control devices shall be set equally port and starboard when measuring heel.

079-3 [A00029] Self-Righting Stability

079-3.1 [Orig] The RB-M shall be self-righting. Self-righting may be provided either inherently through the design and configuration of the RB-M, actively through the use of deployable floatation devices or other means, or a combination of methods.

079-3.2 [**A00029**] Self-righting is defined as having positive righting arms at all angles of heel except 0 degrees and approximately 180 degrees. Self-righting is required for all load conditions as defined in SOW Section 096-3 and shall have positive righting arms with the pilothouse in the **intact** condition **(see proposal element incorporated into the Contract at Section A, page A-3, #15).**

079-3.3 [Orig] Doors, windows and supporting structure shall be watertight degree 1.

079-3.4 [Orig] The structure, pilothouse doors and windows, propulsion machinery, and electrical power generating source(s) shall be designed and installed to sustain a 360 degree roll without a structural or mechanical failure:

079-3.5 [Orig] Maximum time to self-right from the fully inverted position to the upright: 15 seconds (180 degrees).

084 [Orig] CRADLE

084-1 [Orig] Cradle Requirements

084-1.1 [Orig] The Contractor shall provide a cradle for the RB-M which is suitable for maintenance and long term storage. The cradle shall allow for ease of on-loading and off-loading and shall fully support the craft in such a way as to prevent movement while being used for maintenance or any damage to the craft from long term storage.

084-1.2 [Orig] The cradle shall be designed for a minimum load equivalent to the Hoisting Condition (see Section 096) plus 1500 pounds, and with a 3g acceleration in the vertical direction and a 1g acceleration in the horizontal and fore and aft directions.

084-1.3 [Orig] The cradle shall be transportable in a Twenty Equivalent Unit container. The cradle may be disassembled to accomplish the transport. If disassembled, the cradle shall be match marked to facilitate reassembly. Removed items shall be tagged, marked and the tags attached to each mating item. The tags and printing therein shall be resistant to oil, water, and fading. Removed hardware (bolts, nuts, pins, screws, washers, and others) shall be reinstalled in the mating parts and secured to prevent their loss.

084-1.4 [Orig] The cradle shall be designed to be lifted by a crane and travel lift with the boat in the cradle. All associated components used to lift the cradle and boat shall be supplied. This would include, if applicable, spreader bars, shackles and slings. All attachments used for lifting must be able to be stored on the cradle when assembled.

084-1.5 [Orig] The cradle shall have retractable castors and a towing hitch. It is intended that the assembled cradle be moved by a forklift or other vehicle when the boat is not on it. The cradle shall also be designed to be lifted with a forklift when empty.

the plating, forming a knife-edge support, chocks, headers or other means shall be fitted to the opposite side member in the plane of the crossing structure so as to distribute the load.

100-2.9 [Orig] Stanchions, if provided, shall be aligned with the webs of the supporting structure in the longitudinal and transverse planes.

100-2.10 [Orig] Attachment of components to structural members shall not reduce the strength of the member unless the member has been specifically sized for such purpose. Brackets, margin plates, doubler plates, inserts, or special framing may be attached to the structure and used for mounting components. Drilling or tapping flanges of structural members shall not be done unless the members were sized with due consideration for such drilling or tapping.

100-3 [Orig] Holes in Structure

100-3.1 **[A00029]** Circular holes may be used either to reduce the weight of the structure or to provide access, provided the required strength and rigidity characteristics are met. Where the geometry of the structure precludes the use of a circular opening, other hole shapes may be used, however corners shall be rounded to radii of at least one-fourth of the clear dimension normal to the direction of principal stress, **except for corner radii in way of cutouts for off the shelf ventilation. Radii in way of these off the shelf ventilation louver cutouts shall be maximized where possible, but no less than 3/16".** If the size or location of an opening impairs the strength of the structural member, the member shall be reinforced. All exposed plate edges shall be smooth to prevent personnel injury.

100-3.2 [Orig] Holes shall be spaced so that the distances between edges of adjacent holes will not be less than 1-1/4 times the diameter or the length of the holes. If adjacent holes are of different lengths, the minimum space between them shall be not less than 1-1/4 times the average of their two lengths.

100-4 [Orig] Limber Holes

100-4.1 [Orig] Limber holes shall be provided in longitudinal and transverse members for bilge drainage and to prevent the accumulation and retention of liquids and to permit their free flow to drains, scuppers, sumps and suction pipes. Limber holes in bottom longitudinals and keelsons shall be located to ensure draining of each bay formed by longitudinals and transverse frames. The number and size of limber holes may be reduced by including the area of scallops and cutouts for shell seams and butts where they are available for drainage.

100-4.2 [Orig] Limber holes shall be provided in areas where liquids may collect. The limber holes shall be welded all around to seal faying surfaces.

100-4.3 [Orig] Tank design and construction shall prevent the formation of air or gas pockets and provide clear passage for air to escape via vent pipes.

100-4.4 [Orig] Longitudinals, girders, and transverse structural members forming the boundary beneath the propulsion engines and reverse/reduction gears shall not be fitted with limber holes. These areas will then serve as a drip pan and will prevent contamination of the remainder of the engine space bilge in the event of engine leakage. In order to clean said areas, adequate lighting, access and ease of cleaning with a minimum of interferences will be required.

100-5 [Orig] Fairness

100-5.1 [Orig] Fairness shall be in accordance with NAVSEA 0900-LP-060-4010 Figure 12-8 and 12-9 and associated notes except that decks exposed to the weather; the external visible surfaces of the pilothouse, and miscellaneous small lockers; and the underwater surface of the hull shall be fair in accordance with half of the value in Figure 12-8 or 12-9. In addition to this fairness standard, additional requirements of either ABS Guide for Shipbuilding & Repair Quality Standards for Hull Structures During Construction (Fabrication & Fairness: Table 5.1, 5.2, 5.4, 5.8, 5.9, 5.10 & 5.11; Alignment: Table 5.12, 5.13 & 5.14; Repair: 5.23, 5.24 & 5.25) or IACS No. 47 Shipbuilding & Repair Quality Standard (Fabrication & Fairness: Table 6.1, 6.2, 6.4, 6.8, 6.9, 6.10 & 6.11; Alignment: Table 7.1, 7.2 & 7.3; Repair: 9.1, 9.2 & 9.3) shall be used.

100-5.1.1 [A00029] The table below provides the required fairness values derived from Specification 100-5.1 applied to the design of the RB-M.

Location	Part Names	Plate Thickness (in.)	Stiffener spacing (in.)	Permissible Unfairness (NAVSEA 4010)
NAVSEA 0900-LP-060-4010 Table 12-9 (1971)				
Bottom shell	AS01-001S/P	0.250	<13	3/32 (0.09)
Transom A	AF00-001C, AF00-001S/P	0.250	<13	3/32 (0.09)
Transom B	BF00-001C	0.160	<13	3/16 (.19)*
Side shell above lower chine	AS03-001S/P, AS03-002S/P	0.190	<13	3/32 (0.09)
Side shell Fender strake	BS01-001S/P, BS01-901S/P, BS01-902C	0.160	<13	3/16 (.19)*
Side shell gunwale	BS02-001S/P, BS02-901C	0.160	Plate width is <13	3/16 (.19)*
Main deck (exterior)	BD01-003S/P, BD01-901C	0.160	<13	3/32 (0.09)
Main deck (inside PH)	BD01-003S/P, BD01-901C	0.160	<13	3/16 (.19)*
Main deck	BD01-002S/P	0.375	<13	3/32 (0.09)
Pilothouse sides	CS01-901S/P	0.160	<13	3/32 (0.09)
Lazarette Deck box sides	EF00-901C	0.125	<13	3/16 (.19)*
Lazarette Deck box front	EF02-001C	0.190	<13	3/16 (.19)*
* 1/2 Tolerance from Spec Section 100-5.1 does NOT apply				
NAVSEA 0900-LP-060-4010 Table 12-8 (1971)				
Pilothouse coach roof	DS01-901S/P, DT01-901S/P, CT01-901S/P, CT01-901S	0.160	<13	3/16 (.19)*
Recovery Platform	BT01-901C, BT01-902S/P	0.160	<13	1/8 (.13)*
Bulkhead 2A Center	AF02-001C	0.190	8 11/16	1/4 (.25)
Bulkhead 2A Outboard	AF02-001S/P	0.190	7 3/4 to 9 3/4	1/4 (.25)
Bulkhead 2B	BF02-001C	0.160	12	3/8 (.375)
Bulkhead 7A	AF07-002C, AF07-001S/P	0.160	8 3/4 to 11 3/16	1/4 (.25)
Bulkhead 7B	BF07-001C	0.160	10 5/8	1/4 (.25)
Bulkhead 10A	AF10-002C	0.160	4 11/16 - 11 3/8	1/4 (.25)
Bulkhead 10B	BF10-001C	0.160	9	1/4 (.25)
Bulkhead 14A	AF14-002C	0.160	10-14	1/4 (.25) to 3/8 (.375)
Bulkhead 14B	BF14-001C	0.160	10.00	1/4 (.25)
* 1/2 Tolerance from Spec Section 100-5.1 applies				

612-1.2 [Orig] The RB-M shall be outfitted with a minimum of two hand holds at each seat location.

612-1.3 [Orig] Handrails shall be set back from the deck edge, or angled, so they are not damaged during normal boat rolling motions when coming alongside another vessel or bulkhead.

612-1.4 [Orig] Handrails and hand holds shall be sized and located following the guidance of ASTM F1166-95a.

612-2 [Orig] Heavy Weather Safety Belt Attachment Points

612-2.1 [Orig] The RB-M shall have safety belt D-rings attachment points located about the exterior craft. When operating in rough seas, crewmembers wear a heavy weather safety belt. The belt is worn around the crewmembers waist and has two 3-ft straps with quick disconnect clasps at the end of each strap. The crewmember will hook the clasps to D-ring attachment points located around the boat. These D-ring attachment points shall be located so the crew can move freely around the exterior of the boat and always have the capability of being attached to two D-rings points and still be capable of performing the crewmembers task.

612-2.2 [Orig] The rings shall be ½ inch rod welded to the craft approximately 2 ½ inches long and 4 inches wide.

613 [Orig] COVERS

613-1 General

613-1.1 [Orig] The RB-M shall be provided with a fabric cover for the following:

a. Towline reel

b. Anchor line reel (if stowed in an exterior location)

c. P-6 Pump Container (if stowed in an exterior location)

613-1.2 [**A00029**] Covers shall be fabricated of **Top Gun** fabric or equal. The color shall be **dark** blue.

613-1.3 [Orig] Covers shall be provided with a means of securing them in place under all operational and survival conditions.

613-1.4 [Orig] When not in use, stowage for the cover shall be provided adjacent to the item being covered.

625 [Orig] WINDOWS

625-1 [Orig] General

625-1.1 [Orig] Windows and frames shall be Watertight Degree 3. Boats that are self-righting shall conform to the watertight requirements of Section 079-3 Light transmission levels through pilothouse windows and windows in pilothouse doors shall comply with the requirements of ABYC Project H-13.

625-1.2 [Orig] Each forward facing windshield shall have a wiper system with a window washing system. Cleared area shall be located to accommodate 5th percentile female to 95th percentile male while underway at cruise speed. Wipers shall have