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Republic of the Philippines
Department of Transportation and Communication
MARITIME INDUSTRY AUTHORITY
Trida Building, Taft Avenue corner T.M. Kalaw, Ermita, Manila



MARINA CIRCULAR NO. 2016-04
Series of 2016

**TO: ALL DOMESTIC SHIPPING COMPANIES/ OPERATORS
CHARTERERS, MASTERS AND ALL OTHERS**

**SUBJECT: REVISED RULES AND REGULATIONS ON THE REQUIREMENTS
OF LIFE SAVING APPLIANCES UNDER CHAPTER IX OF THE
PHILIPPINE MERCHANT MARINE RULES AND REGULATIONS
(PMMRR) 1997**

Pursuant to the provisions of Presidential Decree No. 474 and Executive Orders No. 125, as amended, R.A 9295 and its IRR, as amended, SOLAS 1974, LSA Code, as amended and in order to foster rationalized implementation of Chapter IX of the Philippine Merchant Marine Rules and Regulations (PMMRR) 1997, as amended, the following are hereby prescribed:

I. OBJECTIVE:

To ensure the effective implementation of the rules on LSA/E (Life-Saving Appliances and Equipment) required of ships operating in the domestic trade.

II. COVERAGE:

All Philippine-registered ships regardless of hull construction operating in the Philippine waters, including fishing vessels temporarily operating in international waters.

III. DEFINITIONS

For purposes of this Circular, the following terms as used in this Circular shall mean the following:

1. **Administration** refers to the Maritime Industry Authority (MARINA);
2. **Accredited Supplier/Service Entity** refers to a private individual or entity authorized by the Administration to engage in manufacturing, servicing and supplying ship's appliances and equipment;
3. **Buoyant Apparatus** refers to a life raft, or any craft or floating device, as provided for this MC, as a means for a person/s to be in an afloat condition in the event of abandonment of the ship;

4. **Safety Certificate** refers to a certificate issued, after inspection and survey by the Administration or its deputized agent, to ships operating in Philippine waters upon compliance with the provisions of the PMMRR 1997, as amended.
5. **Coastwise Voyage** refers to a voyage limited to open sea or greater coastal waters subject to the jurisdiction of the Philippines.
6. **Company** refers to the Owner of the ship or any other organization or person such as the Manager, or the Bareboat Charterer, who has assumed the responsibility for operation of the ship from the Ship owner and who, on assuming such responsibility, has agreed to take over all the duties and responsibilities in the operation of the ship;
7. **Life-Saving Appliances and Equipment** refers to the appliances and equipment required of each type of ship in Chapters IX of the PMMRR 1997, as amended, and other relevant provisions of national and international safety rules and regulations and codes;
8. **Coastal Water** refers to a body of water that covers navigable area more than three (3) nautical miles from the nearest land.
9. **Protected Water** refers to a body of water that covers navigable area within three (3) nautical miles from the nearest land.
10. **Safety Rules and Regulations** refers to provisions of the PMMRR 1997, as amended, and other relevant national and international safety rules, regulations and Codes;
11. **Survival Craft** refers to a craft provided for accommodating persons on board a ship in the event of abandonment of the ship and includes lifeboats, life raft (inflatable or rigid) and any other craft as approved by the Administration, suitable for the protection and preservation of persons in such circumstances;
12. **Open Sea** – refers to a body of water that is not classified as protected and coastal water but still within the area /jurisdiction of the Philippines.
13. **Type-Approved Life-Saving Appliances and Equipment (LSA/E)** refers to life saving appliances and equipment approved and certified by the Administration, and organization recognized/authorized by the Administration and other maritime administration.

Other terms used in this Circular and its Annex shall be as defined in international conventions/codes and/or other issuances of this Authority.

IV. GENERAL POLICY GUIDELINES:

1. Life-saving appliances and equipment for each type, class and category as listed in Section V of this Circular shall serve as equivalents to those prescribed in PMMRR 1997, as amended;
2. Life-saving appliances and equipment shall be of the approved type and shall be acquired from an accredited manufacturer/supplier or serviced by an accredited servicing entity. Life-saving appliances and equipment on board ships acquired from abroad must also be type-approved and proof thereof to be checked and certified by the Administration.
3. The basis for the approval of the design and manufacture of equivalent ship appliances and equipment shall be based on the result of actual testing.
 - 3.1. In areas where the approval of the Administration is impracticable, a surveyor from the Administration shall conduct actual testing of the rigid life raft, buoyant apparatus and life jacket. The surveyor shall provide a description of the appliances and equipment and the testing made indicating there in the observations and findings resulting from the testing conducted.
 - 3.2. The company shall provide a log book for purposes of recording actual testing conducted. The Master and the attending Administration surveyor shall affix therein their signatures in the logbook after the sampling tests are made. In cases where the deputized agency undertakes the testing, the surveyor shall provide its serial number and detachment/station/district affiliation.
 - 3.3. The sampling test shall be made during survey in connection with the issuance of SSC.
 - 3.4. The company shall present the aforecited logbook every time a survey and testing was done for issuance of a SSC is made.
4. The sampling test shall be made during survey in connection with the issuance of SSC.
5. The Administration may, if it considers that the sheltered nature and conditions of the voyage are such as to render the application of any specific requirements of this Circular unreasonable or unnecessary. Approved alternative specifications that are considered equally effective under circumstances. An Exemption Certificate shall be issued.

V. RATIONALIZED SAFETY REQUIREMENTS:

1. Lifeboats, liferafts, lifefloats, lifebuoy, buoyant apparatus and life preservers shall be readily available in case of emergency and shall be

kept in good working order and ready for immediate use at all times when the ship is being navigated, or in so far as reasonable and practicable when the ship is not being navigated.

2. Lifejackets shall be provided in each and every passenger accommodation, as applicable. In common areas, or accommodation, a separate locker for lifejacket shall be provided for every 20 person in the accommodation. No lifejacket locker/cabinet shall be permanently locked during voyage. The number of lifejacket in every locker/cabinet shall be clearly indicated.

The decks on which lifeboats, liferafts, lifefloats, buoyant apparatus and life preservers are carried shall be kept clear of cargo or any other obstructions which would interfere with the immediate launching of the life-saving appliances.

3. Sufficient ladders as applicable shall be provided to facilitate embarkation into the lifeboats and liferafts when waterborne;
4. Lifeboats, liferafts, lifefloats buoyant apparatus, life preservers and lifebuoys shall be clearly marked with the name of the ship as well as the approved maximum number of persons for each applicable life-saving appliances.
5. Lifeboats, liferafts, lifefloats, buoyant apparatus and preservers shall be stored in such a manner that:
 - 5.1 They are capable of being launched in the shortest possible time;
 - 5.2 They shall not impede the launching or handling of other life saving appliances;
 - 5.3 They shall not impede the marshalling of persons at the embarkation stations or their embarkation; and
 - 5.4 They shall be capable of being put in the water safely and rapidly even under unfavorable condition of list and trim.
 - 5.5 Lifejackets shall be provided in every passenger accommodation, as applicable.
 - 5.6 In common areas, or accommodation, a separate locker for lifejacket shall be provided for every 20 person scattered in different location.
 - 5.7 No lifejacket locker/cabinet shall be permanently locked during voyage. The number of lifejacket in every locker/cabinet shall be clearly indicated.
 - 5.8 Lifejacket for infants shall be distributed during embarkation and collected upon arrival.

6. The required number of LSA/E are hereby provided in Annex A which shall form as integral part of this Circular.

VI. PENAL PROVISION:

For violations or non-compliance with the rationalized requirements prescribed in this Circular, the following fines and penalties shall be imposed, after due process:

Gross Tonnage	Fines and Penalties
Below 15 GT	P5,000 + Suspension of Safety Certificates until Compliance
15 GT – below 35 GT	P10,000 + Suspension of Safety Certificates until Compliance
35 GT – below 100 GT	P25,000 + Suspension of Safety Certificates until Compliance
100 GT – below 250 GT	P50,000 + Suspension of Safety Certificates until Compliance
250 GT – below 500 GT	P75,000 + Suspension of Safety Certificates until Compliance
500 GT and above	P100,000 + Suspension of Safety Certificates until Compliance

VII. TRANSITORY PROVISIONS:

All companies shall comply with this Circular not later than six (6) months from the effectivity of this Circular or on the next drydocking, whichever comes earlier.

VIII. REPEALING CLAUSE:


MARINA Circular No. 197 and its annex are hereby repealed.

IX. EFFECTIVITY:

This MARINA Circular shall take effect fifteen (15) days after its publication once in a newspaper of general circulation.

Manila, Philippines 08 March 2016.

BY AUTHORITY OF THE BOARD:



MAXIMO Q MEJIA JR, PhD

Administrator

SECRETARY'S CERTIFICATE

This is to certify that MARINA Circular No. 2016-04 has been approved by the
MARINA Board in its 239th Regular Meeting held on 08 March 2016.


ATTY. MAXIMO I. BAÑARES
Board Secretary

Date of Publication: 07 June 2016
Business Mirror
Date of Submission to ONAR: 09 June 2016

Types/Classes of Ships	ANNEX A –Minimum Requirements of Life Saving Appliances and Equipment Amending Chapter IX of PMMRR 1997		
	Category 1	Category 2	Category 3
	Ships Engaged in Open Sea	Ships Engaged in Coastal Waters	Ships Engaged in Protected Waters
Class A - Passenger Ships Conventional	<p>1. Life Saving Appliances</p> <p>a. Survival Craft: (To cover the total number of persons the ship is authorized to carry)</p> <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type) <ul style="list-style-type: none"> 100% inflatable/rigid type liferaft which shall cover up to 50% of the total number of persons the ship is authorized to carry. <p>b. Rescue Boats:</p> <ul style="list-style-type: none"> Two (2) rescue boats or equivalent approved-type rescue boats of ships 500 gt and above. One (1) rescue boat or equivalent approved-type rescue boat of ships less than 500 gt. <p>c. Lifebuoys:</p> <ul style="list-style-type: none"> Six (6) Lifebuoys for ships less than 20 meters in length; Eight (8) lifebuoys for ships 20 meters but less than 40 meters in length; Ten (10) lifebuoys for ships 40 meters but less than 60 meters in length; Twelve (12) lifebuoys for ships 60 meters but less than 120 meters in length; Eighteen (18) lifebuoys for ships 120 meters and over in length; and 50% of the required lifebuoys, and in no case less than four (4), shall be fitted with self igniting lights with at least two (2) of which shall be fitted with self activated smoke signal as well as a buoyant line of at least 25 meters in length. <p>d. Lifejackets:</p> <ul style="list-style-type: none"> Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board with an additional 10% and 5% of the total number of persons allowed on-board, suitable for children and infants respectively In addition to the requirement above, sufficient number of lifejackets for persons on watch at work station shall be provided. <p>e. Distress Flares:</p> <ul style="list-style-type: none"> Every ship shall carry at least six (6) rocket parachute flares. 	<p>1. Life Saving Appliances</p> <p>a. Survival Craft: (To cover the total number of persons the ship is authorized to carry)</p> <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type) <ul style="list-style-type: none"> 100% inflatable/rigid type liferaft which shall cover up to 50% of the total number of persons the ship is authorized to carry. <p>b. Rescue Boats:</p> <ul style="list-style-type: none"> One (1) rescue boat or equivalent approved-type rescue boat of ships 500 gt and above. <p>c. Lifebuoys:</p> <ul style="list-style-type: none"> Four (4) Lifebuoys for ships less than 20 meters in length; Six (6) lifebuoys for ships 20 meters but less than 40 meters in length; Eight (8) lifebuoys for ships 40 meters but less than 60 in length; Ten (10) lifebuoys for ships 60 meters but less than 120 meters in length; Fourteen (14) lifebuoys for ships 120 meters and over in length; and 50% of the required lifebuoys, and in no case less than two (2), shall be fitted with self igniting lights with at least one (1) of which shall be fitted with self activated smoke signal as well as a buoyant line of at least 25 meters in length. <p>d. Lifejackets:</p> <ul style="list-style-type: none"> Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board with an additional 10% and 5% of the total number of persons allowed on-board, suitable for children and infants respectively In addition to the requirement above, sufficient number of lifejackets for persons on watch at work station shall be provided. <p>e. Distress Flares:</p> <ul style="list-style-type: none"> Every ship shall carry at least four (4) rocket parachute flares. 	<p>1. Life Saving Appliances</p> <p>a. Survival Craft: (To cover the total number of persons the ship is authorized to carry)</p> <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type) <ul style="list-style-type: none"> 100% inflatable/rigid type liferaft which shall cover up to 50% of the total number of persons the ship is authorized to carry. <p>b. Lifebuoys:</p> <ul style="list-style-type: none"> Two (2) Lifebuoys for ships less than 20 meters in length; Four (4) lifebuoys for ships 20 meters but less than 40 meters in length; Six (6) lifebuoys for ships 40 meters but less than 60 in length; Eight (8) lifebuoys for ships 60 meters but less than 120 meters in length; Ten (10) lifebuoys for ships 120 meters and over in length; and 50% of the required lifebuoys, and in no case less than one (1), shall be fitted with self igniting lights with at least one (1) of which shall be fitted with self activated smoke signal as well as a buoyant line of at least 25 meters in length. <p>c. Lifejackets:</p> <ul style="list-style-type: none"> Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board with an additional 10% of the total number of persons allowed on-board, suitable for children. <p>d. Distress Flares:</p> <ul style="list-style-type: none"> Every ship shall carry at least two (2) rocket parachute flares if and when allowed for nighttime navigation
Motor Banca (With Outrigger)	No motor banca shall be allowed to operate under this category.	<p>No motor banca with length less than 12 meters or 15 gt shall be allowed to operate under this category.</p> <p>1. Life Saving Appliances</p> <p>a. Survival Craft: (To cover the total number of persons the motor banca is authorized to carry)</p> <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or 	<p>1. Life Saving Appliances</p> <p>a. Lifebuoys:</p> <ul style="list-style-type: none"> Two (2) Lifebuoys for ships less than 20 meters in length; Four (4) lifebuoys for ships 20 meters and over in length.

Types/Classes of Ships	ANNEX A –Minimum Requirements of Life Saving Appliances and Equipment Amending Chapter IX of PMMRR 1997		
	Category 1	Category 2	Category 3
	Ships Engaged in Open Sea	Ships Engaged in Coastal Waters	Ships Engaged in Protected Waters
		<ul style="list-style-type: none"> • Liferaft (Inflatable/Rigid Type or Buoyant Apparatus) <p>b. Lifebuoys:</p> <ul style="list-style-type: none"> • Four (4) lifebuoys for motor bancas less than 20 meters in length; • Six (6) lifebuoys for motor bancas 20 meters and over in length; • 50% of the required lifebuoys, and in no case less than two (2), shall be fitted with self igniting lights if and when allowed to sail during nighttime navigation with at least one (1) of which shall be fitted with buoyant line of at least 25 meters in length <p>c. Lifejackets:</p> <ul style="list-style-type: none"> • Every motor banca shall carry at least one (1) approved-type lifejacket for each and every person authorized on board with an additional 10% and 5% of the total number of persons allowed on-board, suitable for children and infant respectively. • In addition to the requirement above, sufficient number of lifejackets of not less than 25% of the total number of persons on board for personnel on watch at work station shall be provided. <p>d. Distress Flares:</p> <ul style="list-style-type: none"> • Every motor banca shall carry at least four (4) rocket parachute flares if and when allowed to sail during nighttime navigation. 	<ul style="list-style-type: none"> • 50% of the required lifebuoys, and in no case less than one (1), shall be fitted with self igniting lights if allowed for night time navigation \ which shall be fitted with a buoyant line of at least 25 meters in length. <p>b. Lifejackets:</p> <ul style="list-style-type: none"> • Every motor banca shall carry at least one (1) approved-type lifejacket for each and every person authorized on board with an additional 10% and 5% of the total number of persons allowed on-board, suitable for children and infant respectively. <p>c. Distress Flares:</p> <ul style="list-style-type: none"> • Every motor banca shall carry at least one (1) rocket parachute flares if and when allowed during nighttime navigation. <p>d. Survival Craft: (To cover the total number of persons the motor banca is authorized to carry)</p> <ul style="list-style-type: none"> • Lifeboat or combination of liferaft, or • Liferaft (Inflatable/Rigid Type or Buoyant Apparatus)
Class B - Cargo Ships	1. Life Saving Appliances	1. Life Saving Appliances	1. Life Saving Appliances
Conventional	<p>a. Survival Craft: (To cover the total number of persons the ship is authorized to carry)</p> <ul style="list-style-type: none"> • Lifeboat or combination of liferaft, or • Liferaft (Inflatable/Rigid Type) <ul style="list-style-type: none"> - 100% inflatable/rigid type liferaft which shall cover up to 50% of the total number of persons the ship is authorized to carry. <p>b. Lifebuoys:</p> <ul style="list-style-type: none"> • Two (2) lifebuoys for ships less than 250 gt; • Four (4) lifebuoys for ships 250 gt but less than 500 gt; • 50% of the required lifebuoys, and in no case less than two (2), shall be fitted with self igniting lights, with at least one (1) of which shall be fitted with manually activated smoke signal as well as buoyant line of at least 25 meters in length. <p>c. Lifejackets:</p> <ul style="list-style-type: none"> • Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. • In addition to the requirement above, sufficient number of lifejackets of not less than 25% of the total number of persons on 	<p>a. Survival Craft: (To cover the total number of persons the ship is authorized to carry)</p> <ul style="list-style-type: none"> • Lifeboat or combination of liferaft, or • Liferaft (Inflatable/Rigid Type) <ul style="list-style-type: none"> - 100% inflatable/rigid type liferaft which shall cover up to 50% of the total number of persons the ship is authorized to carry. <p>b. Lifebuoys:</p> <ul style="list-style-type: none"> • Two (2) Lifebuoys for ships less than 500 gt; • Four (4) lifebuoys for ships 500 gt and above. • 50% of the required lifebuoys, and in no case less than one (1), shall be fitted with self igniting lights with at least one (1) of which shall be fitted with manually activated smoke signal as well as a buoyant line of at least 25 meters in length. <p>c. Lifejackets:</p> <ul style="list-style-type: none"> • Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. • In addition to the requirement above, sufficient number of lifejackets of not less than 25% of the total number of persons on board for personnel on watch at work station shall be provided. 	<p>a. Survival Craft: (To cover the total number of persons the ship is authorized to carry)</p> <ul style="list-style-type: none"> • Lifeboat or combination of liferaft, or • Liferaft (Inflatable/Rigid Type) <p>b. Lifebuoys:</p> <ul style="list-style-type: none"> • Every ship shall carry at least two (2) lifebuoys; • 50% of the required lifebuoys shall be fitted with a buoyant line of at least 25 meters in length. <p>c. Lifejackets:</p> <ul style="list-style-type: none"> • Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. <p>d. Distress Flares:</p> <ul style="list-style-type: none"> • Every ship shall carry at least one (1) rocket parachute flares.

	board for personnel on watch at work station shall be provided.		
	d. Distress Flares: <ul style="list-style-type: none"> Four (4) rocket parachute flares for ships less than 500 gt; Six (6) rocket parachute flares for ships 500 gt and above; 	d. Distress Flares: <ul style="list-style-type: none"> Two (2) rocket parachute flares for ships less than 500 gt. Four (4) rocket parachute flares for ships 500 gt and above. 	
Motor Banca (With Outrigger)		1. Life Saving Appliances <ol style="list-style-type: none"> Survival Craft: (To cover the total number of persons the motor banca is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type or Buoyant Apparatus) Lifebuoys: <ul style="list-style-type: none"> Two (2) lifebuoys for motor bancas less than 20 meters in length; Four (4) lifebuoys for motor bancas 20 meters and over in length; 50% of the required lifebuoys, and in no case less than one (1), shall be fitted with manually activated smoke signal as well as buoyant line of at least 25 meters in length. Lifejackets: <ul style="list-style-type: none"> Every motor banca shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. In addition to the requirement above, sufficient number of lifejackets of not less than 25% of the total number of persons on board for personnel on watch at work station shall be provided. Distress Flares: <ul style="list-style-type: none"> Every ship shall carry at least two (2) rocket parachute flares if and when allowed to sail during nighttime navigation. 	1. Life Saving Appliances <ol style="list-style-type: none"> Lifebuoys: <ul style="list-style-type: none"> Every motor banca shall carry at least two (2) lifebuoys; and 50% of the required lifebuoys shall be fitted with buoyant line of at least 25 meters in length. Lifejackets: <ul style="list-style-type: none"> Every motor banca shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. Distress Flares: <ul style="list-style-type: none"> Every motor banca shall carry at least one (1) rocket parachute flare if and when allowed to sail during nighttime navigation. Survival Craft: (To cover the total number of persons the motor banca is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type or Buoyant Apparatus)
Class C - Tankers (To include tanker-barges)	1. Life Saving Appliances <ol style="list-style-type: none"> Survival Craft: (To cover the total number of persons the ship is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type) <ul style="list-style-type: none"> 100% inflatable/rigid type liferaft which shall cover up to 50% of the total number of persons the ship is authorized to carry. Lifebuoys: <ul style="list-style-type: none"> Two (2) lifebuoys for ships less than 250 gt; Four (4) lifebuoys for ships 250 gt but less than 500 gt; 50% of the required lifebuoys, and in no case less than two (2), shall be fitted with self igniting lights, with at least one (1) of which shall be fitted with manually activated smoke signal as well as buoyant line of at least 25 meters in length. Lifejackets: <ul style="list-style-type: none"> Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. In addition to the requirement above, sufficient number of lifejackets of not less than 25% of the total number of persons on board for personnel on watch at work station shall be provided. 	1. Life Saving Appliances <ol style="list-style-type: none"> Survival Craft: (To cover the total number of persons the ship is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type) <ul style="list-style-type: none"> 100% inflatable/rigid type liferaft which shall cover up to 50% of the total number of persons the ship is authorized to carry. Lifebuoys: <ul style="list-style-type: none"> Two (2) lifebuoys for ships less than 500 gt; Four (4) lifebuoys for ships 500 gt and above; 50% of the required lifebuoys, and in no case less than two (2), shall be fitted with self igniting lights, with at least one (1) of which shall be fitted with manually activated smoke signal as well as buoyant line of at least 25 meters in length. Lifejackets: <ul style="list-style-type: none"> Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. In addition to the requirement above, sufficient number of lifejackets of not less than 25% of the total number of persons on board for personnel on watch at work station shall be provided. 	1. Life Saving Appliances <ol style="list-style-type: none"> Survival Craft: (To cover the total number of persons the ship is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type) Lifebuoys: <ul style="list-style-type: none"> Every ship shall carry at least two (2) lifebuoys 50% of the required lifebuoys shall be fitted with buoyant line of at least 25 meters in length. Lifejackets: <ul style="list-style-type: none"> Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. Distress Flares: <ul style="list-style-type: none"> Every ship shall carry at least (1) rocket parachute flares.

	d. Distress Flares: <ul style="list-style-type: none"> Four (4) rocket parachute flares for ships less than 500 gt; Six (6) rocket parachute flares for ships 500 gt and above; 	d. Distress Flares: <ul style="list-style-type: none"> Two (2) rocket parachute flares for ships less than 500 gt; Four (4) rocket parachute flares for ships 500 gt and above; 	
Types/Classes of Ships	ANNEX A –Minimum Requirements of Life Saving Appliances and Equipment Amending Chapter IX of PMMRR 1997		
	Category 1	Category 2	Category 3
	Ships Engaged in Open Sea	Ships Engaged in Coastal Waters	Ships Engaged in Protected Waters

Class D - Tugs & Dredgers	1. Life Saving Appliances <ul style="list-style-type: none"> a. Survival Craft: (To cover the total number of persons the ship is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type or Equivalent Approved-Type) b. Lifebuoys: <ul style="list-style-type: none"> Every ship shall carry at least two (2) lifebuoys 50% of the required lifebuoys and, in no case not less than one (1), shall be fitted with manually activated smoke signal as well as a buoyant line of at least 25 meters in length. c. Lifejackets: <ul style="list-style-type: none"> Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. In addition to the requirement above, sufficient number of lifejackets of not less than 25% of the total number of persons on board for personnel on watch at work station shall be provided. d. Distress Flares: <ul style="list-style-type: none"> Every ship shall carry at least two (2) rocket parachute flares. 	1. Life Saving Appliances <ul style="list-style-type: none"> a. Survival Craft: (To cover the total number of persons the ship is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type or Equivalent Approved-Type) b. Lifebuoys: <ul style="list-style-type: none"> Every ship shall carry at least two (2) lifebuoys 50% of the required lifebuoys and, in no case shall be fitted with manually activated smoke signal not less than one (1) as well as a buoyant line of at least 25 meters in length. c. Lifejackets: <ul style="list-style-type: none"> Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. In addition to the requirement above, sufficient number of lifejackets of not less than 25% of the total number of persons on board for personnel on watch at work station shall be provided. d. Distress Flares: <ul style="list-style-type: none"> Every ship shall carry at least two (2) rocket parachute flares. 	1. Life Saving Appliances <ul style="list-style-type: none"> a. Survival Craft: (To cover the total number of persons the ship is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type or Equivalent Approved-Type) b. Lifebuoys: <ul style="list-style-type: none"> Every ship shall carry at least two (2) lifebuoys 50% of the required lifebuoys shall be fitted with buoyant line of at least 25 meters in length. c. Lifejackets: <ul style="list-style-type: none"> Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. d. Distress Flares: <ul style="list-style-type: none"> Every ship shall carry at least one (1) rocket parachute flares.
Class E - Fishing Vessels Conventional	1. Life Saving Appliances <ul style="list-style-type: none"> a. Survival Craft: (To cover the total number of persons the ship is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type) <ul style="list-style-type: none"> 100% inflatable/rigid type liferaft which shall cover up to 50% of the total number of persons the ship is authorized to carry, or 100% equivalent approved-type liferaft for vessels with less than 12 meters in length. b. Lifebuoys: <ul style="list-style-type: none"> Two (2) lifebuoys for ships less than 500 gt; Four (4) lifebuoys for ships 500 gt and above; 50% of the required lifebuoys, and in no case less than two (2), shall be fitted with self igniting lights, with at least one (1) of which shall be fitted with manually activated smoke signal as well as buoyant line of at least 25 meters in length. 	1. Life Saving Appliances <ul style="list-style-type: none"> a. Survival Craft: (To cover the total number of persons the ship is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type) <ul style="list-style-type: none"> 100% inflatable/rigid type liferaft which shall cover up to 50% of the total number of persons the ship is authorized to carry, or 100% equivalent approved-type liferaft for vessels with less than 12 meters in length. b. Lifebuoys: <ul style="list-style-type: none"> Two (2) lifebuoys for ships less than 500 gt; Four (4) lifebuoys for ships 500 gt and above; 50% of the required lifebuoys, and in no case less than two (2), shall be fitted with self igniting lights, with at least one (1) of which shall be fitted with manually activated smoke signal as well as buoyant line of at least 25 meters in length. 	1. Life Saving Appliances <ul style="list-style-type: none"> a. Survival Craft: (To cover the total number of persons the ship is authorized to carry) <ul style="list-style-type: none"> Lifeboat or combination of liferaft, or Liferaft (Inflatable/Rigid Type) b. Lifebuoys: <ul style="list-style-type: none"> Every ship shall carry at least two (2) lifebuoys; 50% of the required lifebuoys shall be fitted with buoyant line of at least 25 meters in length. c. Lifejackets: <ul style="list-style-type: none"> Every ship shall carry at least one (1) approved-type lifejacket for each and every person authorized on board. d. Distress Flares: <ul style="list-style-type: none"> Every ship shall carry at least one (1) rocket parachute flares.

	<ul style="list-style-type: none">• Every ship shall carry at least six (6) rocket parachute flares.		
Class H - Special Purpose Ships			<p>The minimum LSA/E requirements for Class H ships are the same under Class B ships.</p> <p>The minimum LSA/E requirements for Class I ships are the same under Class D ships.</p>