

CERTIFICATE of 406 MHz EPIRB annual testing

It is hereby certified that representative of the company: Musson Marine Ltd

Radioengineer: Alexander Semyoshin

performed testing of 406 MHz EPIRB and defined the following:

Parameters	Condition	
	Good	NG
1. EPIRB model, manufacturer name	ARB-M	
2. Availability of MCC registration		
3. Protocol type	TEST USER PROTOCOL	
4. Country code	Country code: Ukraine (272)	
5. Beacon 15 Hex ID (message contents from 26 to 85 bits)	A21DD65028154D1	
6. Message contents from 1 to 112 bits	FFFF2F510EEB28140AA68A39E15000000000	
7. Availability of 406 MHz carrier	V	
8. Availability of 121.5 MHz carrier	V	
9. Strobe light condition	V	
10. Availability and expiry date of automatic release mechanism	HAMMAR H20	02.02.2010
11. Availability and quality of markings		X
12. Battery replacement date	01.02.2013	
13. Date of next testing	02.02.2010	

NOTES: _____

It is hereby certified that all mechanical, electrical and information parameters, as well as the documentation on the 406 MHz EPIRB comply with specification and the requirements of the Maritime Administration and Maritime Register of Shipping

ARB-M

allowed to be used as emergency equipment on

 (ship name)

The identification number of the tested EPIRB complies with the EPIRB registration number in Mission Control Center (MCC).

Testing company representative

 (Position, Name)
 10.02.2009

Shipowner representative

 (Position, Name)
 10.02.2009

*The volume of examinations required by this form meets IMO Circular MSC/Circ.1040

CERTIFICATE

Shore-based Maintenance of 406 MHz BEACON

It is hereby certified that representative of the company: Musson Marine Ltd

Radioengineer: Alexander Semyoshin

performed shore-based maintenance of 406 MHz BEACON and defined the following:

Parameters	Condition	
	Good	NG
1. EPIRB model, manufacturer name	ARB-M	
2. Country code	Country code: Ukraine (272)	
3. Beacon 15 Hex ID (message contents from 26 to 85 bits)	A21DD65028154D1	
4. Message contents from 1 to 112 bits	FFFF2F510EEB28140AA68A39E1500000000	
5. Measured value and vary of 406 MHz transmitter frequency	406027484	
6. Availability of transmitted 121.5 MHz signal with a swept tone modulation	V	
7. Output power of the transmitter, dBm	+35,99	
8. Waterproof Integrity		
9. Strobe light condition	V	
10. Availability and expiry date of automatic release mechanism	HAMMAR H20	02.02.2010
11. Availability and quality of markings		X
12. Battery replacement date	01.02.2013	
13. Date of shore-based maintenance	02.02.2010	

NOTES: _____

It is hereby certified that all mechanical, electrical and information parameters, as well as the documentation on the 406 MHz EPIRB comply with specification and the requirements of the Maritime Administration and Maritime Register of Shipping

ARB-M

allowed to be used as emergency equipment on

 (ship name)

The identification number of the tested BEACON complies with the BEACON registration number in Mission Control Center (MCC).

Testing company representative

Shipowner representative

 (Position, Name)
 10.02.2009

 (Position, Name)
 10.02.2009

*The volume of examinations required by this form meets IMO Circular MSC/Circ.1039

CERTIFICATE

of 406 MHz BEACON annual testing

It is hereby certified that representative of the company: Musson Marine Ltd

Radioengineer: Alexander Semyoshin

performed testing of 406 MHz EPIRB and defined the following:

Parameters	Condition	
	Good	NG
1. EPIRB model, manufacturer name	PLB 12	
2. Availability of MCC registration		
3. Protocol type	Maritime User Protocol with MMSI or Radio Call Sign	
4. Country code	Country code: Ukraine (272)	
5. Beacon 15 Hex ID (message contents from 26 to 85 bits)	A209D34D28D34D1	
6. Message contents from 1 to 112 bits	FFFED05104E9A69469A68D35FA1000000000	
7. Availability of 406 MHz carrier	V	
8. Availability of 121.5 MHz carrier		X
9. Strobe light condition	V	
10. Availability and expiry date of automatic release mechanism	Hammar H20 , 13.06.2012	
11. Availability and quality of markings	V	
12. Battery replacement date	13.06.2014	
13. Date of next testing	14.06.2011	

NOTES: _____

It is hereby certified that all mechanical, electrical and information parameters, as well as the documentation on the 406 MHz EPIRB comply with specification and the requirements of the Maritime Administration and Maritime Register of Shipping

PLB 12, S/N 14565

allowed to be used as emergency equipment on

 (ship name)

The identification number of the tested BEACON complies with the BEACON registration number in Mission Control Center (MCC).

Testing company representative

Shipowner representative

 (Position, Name)
 14.06.2010

 (Position, Name)
 14.06.2010

*The volume of examinations required by this form meets IMO Circular MSC/Circ.1040

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REPORT
of 406MHz BEACON TESTING

BEACON Model: PLB 15 Beacon Serial No: 12546/Issue date: 15.06.2005
Date: 14.06.2010 Date of testing: 09.06.2010

Message

Full Message: FFFED05104E9A69469A68D35FA1000000000
User protocols or User-location protocols
Beacon Identifier: A209D34D28D34D1
Country code: Ukraine (272)
MMSI code or Radio Call Sign: 100400
Beacon Number on a vessel: 0
121.5MHz radio-locating transmitter: Yes

15 HEX ID: A209D34D28D34D1 BCH1: 14D7E8 BCH2:

General Beacon Parameters

Frequency, kHz: 406025,2
Level in 406MHz, dBm: 42,2
Level in 121MHz, dBm: 0

Hydrostat

Model: Hammar H20
Replacement date: 13.06.2012

Batteries replacement date: 13.06.2014
Date of next testing: 14.06.2011

Additional Beacon Parameters

TTT, ms: 439,8 UCT, ms: 0
Phase(+): 0 Phase(-): 0

Certificate

Certificate No:
Issue date: 14.06.2010

Visual Parameters

Sweep Tone: Yes
Flash: Yes
Satte of Marking: Good

Company: Musson Marine Ltd
Company address: 99053, Sevastopol, Vakulenchuk Str 29/4a
Tel/Fax: +380676922373

Date: 14.06.2010 Engineer _____Alexander Semyoshin