

CERTIFICATE
of Automatic Identification System testing
Model: Samyung SI-30R, S/N: 132546

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

Radioengineer: Alexander Semyoshin

performed testing of Automatic Identification System and defined the following:

Transmitter parameters			
Frequency in channel A, kHz:	161975,153	Frequency in channel B, kHz:	162025,118
Power in channel A, dBm/W:	22,96 / 0,2	Power in channel B, dBm/W:	24,55 / 0,29

Positional, Static and Voyage data extracted from AIS	
MMSI User ID :	201234777
IMO Number :	No data. Default.
Call Sign :	PQR123S
Name :	TEST1234567890ABCDEF
Destination :	no data. Default
Dimensions and reference for position :	A = 0m; B = 0m; C = 0m; D = 0m;
Navigation status :	(0) - under way using engine
Longitude :	33° 29,26" E
Latitude :	44° 35,32" N
Speed Over Ground :	0 knots
Course Over Ground :	0
True Heading :	No data. Default.
Rate of turn (Sensor) :	N/A
Rate of turn (AIS) :	default meaning
Position Accuracy :	(0) = low (> 10 m; autonomous mode)
RAIM Flag :	0 - Not used. Default.
Electronic Position Fixing Device :	GPS
Type of ship and cargo :	No data. Default
Expected time of arrival :	No data - default.
Max. Present static Draught :	No data. Default.
Data Terminal Equipment :	available
AIS Version Indicator :	station compliant with AIS edition 0 (M.1371-1)
Time stamp :	14 seconds (UTC)

Testing company representative

Shipowner representative

(Position, Name)

29.10.2010

Musson Marine Ltd,
Vakulenchuk Str, 29/4a, Tel: +380692557123

(Position, Name)

29.10.2010

CERTIFICATE
of Automatic Identification System testing
Model: Samyung SI-30R, S/N: 132456

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

Radioengineer: Alexander Semyoshin

performed testing of Automatic Identification System and defined the following:

Transmitter parameters			
Frequency in channel A, kHz:	161974,789	Frequency in channel B, kHz:	162024,712
Power in channel A, dBm/W:	8,57 / 0,01	Power in channel B, dBm/W:	10,55 / 0,01

Positional, Static and Voyage data extracted from AIS	
MMSI User ID :	616244000
IMO Number :	7518800
Call Sign :	D6CF5
Name :	SARATOGA
Destination :	no data. Default
Dimensions and reference for position :	A = 0m; B = 0m; C = 0m; D = 0m;
Navigation status :	(0) - under way using engine
Longitude :	33° 29,24" E
Latitude :	44° 35,33" N
Speed Over Ground :	0,1 knots
Course Over Ground :	311,5
True Heading :	No data. Default.
Rate of turn (Sensor) :	N/A
Rate of turn (AIS) :	default meaning
Position Accuracy :	(0) = low (> 10 m; autonomous mode)
RAIM Flag :	0 - Not used. Default.
Electronic Position Fixing Device :	GPS
Type of ship and cargo :	4
Expected time of arrival :	No data - default.
Max. Present static Draught :	No data. Default.
Data Terminal Equipment :	available
AIS Version Indicator :	station compliant with AIS edition 0 (M.1371-1)
Time stamp :	6 seconds (UTC)

Testing company representative

Shipowner representative

(Position, Name)

29.10.2010

Musson Marine Ltd,
Vakulenchuk Str, 29/4a, Tel: +380692557123

(Position, Name)

29.10.2010

CERTIFICATE
of Automatic Identification System testing
Model: , S/N:

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

Radioengineer: Alexander Semyoshin

performed testing of Automatic Identification System and defined the following:

Transmitter parameters			
Frequency in channel A, kHz:	161974,804	Frequency in channel B, kHz:	162024,852
Power in channel A, dBm/W:	33,41 / 2,19	Power in channel B, dBm/W:	33,41 / 2,19

Positional, Static and Voyage data extracted from AIS	
MMSI User ID :	201999994
IMO Number :	N/A
Call Sign :	L[H
Name :	TESTAISBSI60B
Destination :	N/A
Dimensions and reference for position :	A = 0m; B = 0m; C = 0m; D = 2m;
Navigation status :	N/A
Longitude :	33° 29,25" E
Latitude :	44° 35,33" N
Speed Over Ground :	0 knots
Course Over Ground :	0
True Heading :	No data. Default.
Rate of turn (Sensor) :	N/A
Rate of turn (AIS) :	N/A
Position Accuracy :	(0) = low (> 10 m; autonomous mode of e.g. global navigation satellite system (GNSS) receiver or of other electronic position fixing device)
RAIM Flag :	0 - Not used. Default.
Electronic Position Fixing Device :	N/A
Type of ship and cargo :	80
Expected time of arrival :	N/A
Max. Present static Draught :	N/A
Data Terminal Equipment :	N/A
AIS Version Indicator :	N/A

Time stamp :	23 seconds (UTC)
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Testing company representative

(Position, Name)
24.12.2010
Musson Marine Ltd,
Vakulenchuk Str, 29/4a, Tel: +380692557123

Shipowner representative

(Position, Name)
24.12.2010

export1
TEST REPORT
of AUTOMATIC IDENTIFICATION SYSTEM

AIS Model: SI-30R

AIS Serial No: 132546

Date: 29.10.2010

Date of testing: 27.10.2010

Transmitter parameters

Frequency in channel A, kHz: 161975,153

Frequency in channel B, kHz: 162025,118

Power in channel A, dBm/w: 22,96 / 0,2

Power in channel B, dBm/w: 24,55 / 0,29

Positional, Static and Voyage data extracted from AIS

MMSI User ID : 201234777

IMO Number : No data. Default.

Call Sign : PQR123S

Name : TEST1234567890ABCDEF

Destination : no data. Default

Dimensions and reference for position : A = 0m; B = 0m; C = 0m; D = 0m;

Navigation status : (0) - under way using engine

Longitude : 33° 29,26" E

Latitude : 44° 35,32" N

Speed Over Ground : 0 knots

Course Over Ground : 0

True Heading : No data. Default.

Rate of turn (Sensor) : N/A

Rate of turn (AIS) : default meaning

Position Accuracy : (0) = low (> 10 m; autonomous mode)

RAIM Flag : 0 - Not used. Default.

Electronic Position Fixing Device : GPS

Type of ship and cargo : No data. Default

Expected time of arrival : No data - default.

Max. Present static Draught : No data. Default.

Data Terminal Equipment : available

AIS Version Indicator : station compliant with AIS edition 0 (M.1371-1)

Date: 29.10.2010

Engineer _____Alexander Semyoshin

Company: Musson Marine Ltd, Vakulenchuk Str, 29/4a, +380692557123

export2
TEST REPORT
of AUTOMATIC IDENTIFICATION SYSTEM

AIS Model: SI-30R

AIS Serial No: 132456

Date: 29.10.2010

Date of testing: 27.10.2010

Transmitter parameters

Frequency in channel A, kHz: 161974,789

Frequency in channel B, kHz: 162024,712

Power in channel A, dBm/w: 8,57 / 0,01

Power in channel B, dBm/w: 10,55 / 0,01

Positional, Static and Voyage data extracted from AIS

MMSI User ID : 616244000

IMO Number : 7518800

Call Sign : D6CF5

Name : SARATOGA

Destination : no data. Default

Dimensions and reference for position : A = 0m; B = 0m; C = 0m; D = 0m;

Navigation status : (0) - under way using engine

Longitude : 33° 29,24" E

Latitude : 44° 35,33" N

Speed Over Ground : 0,1 knots

Course Over Ground : 311,5

True Heading : No data. Default.

Rate of turn (Sensor) : N/A

Rate of turn (AIS) : default meaning

Position Accuracy : (0) = low (> 10 m; autonomous mode)

RAIM Flag : 0 - Not used. Default.

Electronic Position Fixing Device : GPS

Type of ship and cargo : 4

Expected time of arrival : No data - default.

Max. Present static Draught : No data. Default.

Data Terminal Equipment : available

AIS Version Indicator : station compliant with AIS edition 0 (M.1371-1)

Date: 29.10.2010

Engineer _____Alexander Semyoshin

Company: Musson Marine Ltd, Vakulenchuk Str, 29/4a, +380692557123