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 Radio Holland Group

Annual testing of 406 MHz SATELLITE EPIRB as per MSC Circ. 1040 (75)

Ship's name	Geo Explorer	Class Society	ABS
IMO (or Natl) Number	8107921	Call Sign	WDA6456
MMSI number	369551000	Flag	USA
Make and Type EPIRB	ACR RLB-32 (2774)	Serial nr	43848
	VERIFIED	COMMENTS	
1.a	Checked for satisfactory location	<input checked="" type="checkbox"/>	OK
1.b	Checked float free mounting	<input checked="" type="checkbox"/>	OK
2.a	Checked presence of lanyard	<input checked="" type="checkbox"/>	NA
2.b	Checked neatly stowage of lanyard	<input checked="" type="checkbox"/>	NA
2.c	Checked lanyard not fastened to bracket or vessel	<input checked="" type="checkbox"/>	NA
3.	Visual inspection for defects	<input checked="" type="checkbox"/>	OK
4.	Carrying out the self-test routine	<input checked="" type="checkbox"/>	OK
5.	Hexadecimal EPIRB ID information (15 characters)	FFFED056E6811690A1600B844350	
	Programming protocol	MMSI <input type="checkbox"/>	or CALL SIGN <input type="checkbox"/>
			or SERIALIZED <input checked="" type="checkbox"/>
6.a	Label with brief operating instructions	<input checked="" type="checkbox"/>	
6.b	Label with expiry date of battery	<input checked="" type="checkbox"/>	Expiry Date 08 / 2011
6.c	Label with next SBM service date (if applicable)	<input checked="" type="checkbox"/>	Due Date 17 May 2010
6.d	Checked decoded signal corresponds with marking	<input checked="" type="checkbox"/>	ADCD022D2142C01
7.	Name of current SBM provider	Radio Holland USA, INC	
8.	Checked EPIRB has been maintained by the SBM provider at intervals as required by the Administration (For EPIRBs with the Battery changed after 01 July 2006)	<input checked="" type="checkbox"/>	NA
9.	Checked registration of decoded signal against documentation of Flag State authority	<input checked="" type="checkbox"/>	NA
10.	Checked expiry date of Hydrostatic release	<input checked="" type="checkbox"/>	Expiry Date 03 / 2011
11.	Checked emission in the 406 MHz band using the self-test mode or appropriate device to avoid transmission of a distress signal to the satellites	<input checked="" type="checkbox"/>	Frequency 406.028348
12.	If possible, checked emission in the 121.5 MHz band using the self-test mode or an appropriate device to avoid activating the satellite system	<input checked="" type="checkbox"/>	OK
13.	After test, remounting EPIRB in its bracket, checked that no transmission has been started	<input checked="" type="checkbox"/>	OK
14.	Verifying the presence of operation instructions	<input checked="" type="checkbox"/>	OK
Port	Balboa Braswell; Panama	Surveyor	German Alvarez
Date	27 / 01 / 10	Signature	



Jotron electronics as
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Tron UNIDEC EPIRB decoder(Ver.3.3.3)

Beacon information:

Beacon Manufacturer: ACR
 Model: RLB-32
 Beacon serial number: 43848
 Bracket type: NA
 Bracket serial number: NA
 Battery expiry: 8 / 2011
 Hydrostatic release expiry date: 3 / 2011

Measurements:

Frequency: (MHz (406.025 +/-0.0050): 406.028348
 RF level:(dB): 48
 Status:: Message from EPIRB received OK

Message Decoding:

Hex message: FFFED056E6811690A1600B844350
 Message format: short format
 Protocol: User
 Country code: 366
 User Type: Serial user
 Beacon type: Maritime (float free)
 Generic Serial no : 35656
 Manufact. ID: 08
 Model no: 05
 Production run: 11
 Sequence no: 2888
 Aux radio device: 121.5 MHz
 Emergency code flag: Emergency Code Data Not Entered
 Activation type: Automatic and Manual Activation
 Emergency code: No information or National Assigned
 15 HexID: ADCD022D2142C01

Reference: IMO MSC/Circ. 1040 and SOLAS IV/15.9 (Annual)
 IMO MSC/Circ. 1039 (Shore-based maintainance)
 Company: **Radio Holland Panama** Tested by: **German Alvarez** Vessel name: Geo Explorer