

U.S. COAST GUARD  
ASSET COMPUTERIZED MAINTENANCE SYSTEM

RESCUE AND ASSISTANCE  
**KB0054.0**  
REV'D 12/15/16

OPERATING ACTIVITY	MAINTENANCE ACCOMPLISHED	MAINTENANCE DUE
	DATE	DATE
	MO      DAY      YEAR	MO      DAY      YEAR
	ZULU DATE	ZULU TIME
	MO      DAY      YEAR	

**SERIAL NUMBER TRACKED ITEM-ALL INFORMATION REQUIRED**

ITEM 1	CMS CODE	ACTION	DESCRIPTION	CEINUM
<input type="checkbox"/> DUE	KB0054	REPLACE	PLB BATTERY	RA-KB00-014

SCHEDULED                       UNSCHEDULED

S/N:	F/N:	LOCATION:
S/N:	F/N:	LOCATION:
S/N:	F/N:	LOCATION:
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S/N:	F/N:	LOCATION:
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S/N:	F/N:	LOCATION:
S/N:	F/N:	LOCATION:

MAN HOURS: MK \_\_\_ DC \_\_\_ EM \_\_\_ ET \_\_\_ IT \_\_\_ GM \_\_\_ **BM** \_\_\_ FN \_\_\_ SN \_\_\_ ME \_\_\_ OTHER \_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

TECHNICIAN'S SIGNATURE _____	TECHNICIAN'S ID _____
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<b>* ASTERISK INDICATES QA REQUIRED</b>	QA								
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REFERENCES:  
[COMDTINST M10470.10 \(SERIES\)](#) RESCUE AND SURVIVAL SYSTEMS MANUAL

REVIEWED BY	LOG YN	DATA ENTRY COMPLETED
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MK

BM

NAME: \_\_\_\_\_ TECH ID/TH: \_\_\_\_/\_\_\_\_

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DC

IT

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GM

OTHER

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## 1 PLB BATTERY REPLACE

REFERENCES:  
MPC [S00056.0](#)

TOOLS/TEST EQUIPMENT:  
NONE

EXPENDABLES:  
NONE

CONSUMABLES:  
Marker Assortment, Tube Type, P/N: 63630, CAGE: 0X226, NIIN: 012074167 (Or equivalent)  
Personal Locator Beacon (PLB), Fastfind 220, P/N: 91-001-220A, CAGE: U0913, NIIN: N/A (If required)

### A PRELIMINARY STEPS

1. Proceed to Step [1 B](#) for McMurdo Fastfind, Fastfind Plus, or Fastfind Max-G PLB.
2. Proceed to Step [1 C](#) for ACR ResQLink PLB.
3. Proceed to Step [1 D](#) for McMurdo Fastfind 220 PLB.

### B REPLACE MCMURDO FASTFIND/FASTFIND PLUS/FASTFIND MAX G PLB BATTERY

*NOTE: Previously purchased McMurdo Fastfind, Fastfind Plus, Fastfind Max-G PLBs shall remain in service as long as they are serviceable. Replace them with McMurdo Fastfind 220 PLB, contract number HSCG23-16-D-MNQ27, when the battery expires; or if the PLB is unserviceable.*

1. Replace PLB with McMurdo Fastfind 220 PLB, P/N: 91-001-220A.
  - a. Change beacon status to "Destroyed", via the beacon registration database system.
2. Proceed to Step [1 E 1](#).

### C REPLACE ACR RESQLINK PLB BATTERY

*NOTE: The PLB timer must be reset when the battery is replaced. Battery replacement and timer reset cannot be performed at the unit level.*

1. Contact an ACR Battery/Service provider by calling ACR support at (954) 862-2173 or by using the service provider locator at <https://www.acrartex.com/support/repair-tech-support-hours-contact-information/>.
2. Compare cost of battery replacement and timer reset to the cost of PLB replacement.

*NOTE: The only PLB authorized for new purchases is the McMurdo Fastfind 220, contract number HSCG23-16-D-MNQ27.*

3. Replace with a McMurdo Fastfind 220 PLB, P/N: 91-001-220A, if battery replacement and timer reset cost exceeds cost of PLB replacement.
4. Send PLB to authorized battery/service provide if the cost is less than replacement cost.
  - a. Deactivate PLB by changing beacon status to "Out of Service" via beacon registration database system prior to shipping.
5. Proceed to Step [1 E 1](#).



**D REPLACE MCMURDO FASTFIND 220 PLB BATTERY**

*NOTE: The Fastfind 220 PLB battery is not user-replaceable.*

1. Contact McMurdo at 1-844-MCMURDO to determine cost of battery replacement.
2. Compare cost of battery replacement to cost of PLB replacement.
3. Perform one of the below steps (a) or (b) as appropriate:
  - a. Send PLB for battery replacement if cost is less than PLB replacement.
    - (1) Deactivate PLB by changing beacon status to "Out of Service" via beacon registration database system.
  - b. Replace PLB, P/N: 91-001-220A, if battery replacement cost exceeds cost of PLB replacement.
    - (1) Scrap old PLB if it is replaced, (Comply with MPC [S00056.0](#)).
    - (2) Change beacon status to "Destroyed", via the beacon registration database system.
4. Reactivate PLB by updating the beacon status to "Normal" in the beacon registration database system upon its return from battery service center.

**E FINAL STEPS**

1. Perform the following if the PLB has been replaced:
  - a. Scrap old PLB, (Comply with MPC [S00056.0](#)).
  - b. Change beacon status to "Destroyed", via the beacon registration database system.
2. Perform the following if the battery was replaced:
  - a. Reactivate PLB by updating the beacon status to "Normal" in the via beacon registration database system.
  - b. Mark the battery expiration date on the back of the battery cover using marker, P/N: 63630.
3. Record maintenance action by completing appropriate sign-off, adding any pertinent remarks.

