

# JSETS: Joint SARSAT Electronic Tracking System

SAR Controllers Training 2014

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Sam Baker

ERT, Inc.

USMCC Chief





# Overview

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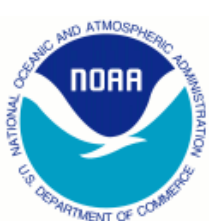
- Contact information
- JSETS concept
- Types of beacons included in JSETS
- When to access JSETS to process USMCC alert messages
- Other considerations
- Accessing JSETS
- PRMS screenshots
- Conclusion



# Contact Information

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- Database login  
<https://prmsglobal.prms.af.mil>
- Operations Support Team
  - Commercial Phone: 586-239-3701
  - Defense Switched Network (DSN)  
Phone: 312-273-3701
- Email address:  
prmsmail@jricp.osis.gov



# JSETS Concept

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- All 406 MHz beacons must be registered
- DoD developed their own registration database to
  - Protect sensitive information (e.g., unit info)
  - Provide tracking of beacons between units
- In initial concept, USMCC would identify JSETS beacons on the alert message based on special beacon coding



# Types of Beacons Included in JSETS

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- US-coded national use beacons allocated by NOAA to DoD special programs
- Off-the-shelf (OTS) beacons used by the DoD that cannot be identified by USMCC based on beacon coding



# When to Access JSETS to Process USMCC Alert Messages

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- Alert message says “See JSETS” in
  - Registration section (usually owner name)
  - Beacon Decode section
  - Special Program Name for OTS beacons (based on periodic/monthly list of JSETS beacon provided to the USMCC by RMS)
  - The next line after Special Program Name. When this occurs, the Registration section may contain information for specific beacon (based on associated special program)
- Alert message for unregistered US-coded beacon (if OTS beacon added to JSETS in current month)
- Beacon type is identified as National User
- If registration information is in doubt, look the beacon up in the JSETS database



# Other Considerations

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- JSETS contains OTS beacons
- JSETS list provided to USMCC monthly (new OTS beacon will not be identified in alert messages right away)
- USMCC does not ensure the accuracy of information in JSETS
- When evaluating registration information accuracy in the IHDB, ensure that the appropriate database is being evaluated
- Beacons in JSETS may also be in the RGDB (but information in the two databases may differ)
- Beacons identified as JSETS may not be registered in the JSETS database



# Accessing JSETS

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- Access <https://prmsglobal.prms.af.mil> via a .mil domain and CAC
- Click the bottom link - JSETS Beacon Lookup
- Scroll to the bottom of the next page
- Enter the full beacon hex ID
- For CSEL
  - Enter the full beacon hex ID, or
  - Enter the HHRID in the PRQ-7/CSEL box
  - Note: For CSEL beacons, do not enter both the hex ID and the HHRID





# PRMS Screenshot: Notice & Consent Page

## Personnel Recovery Mission Software

### NOTICE AND CONSENT LOG-ON BANNER

You are accessing a U.S. Government (USG) Information System (IS) that is provided for USG-authorized use only.

By using this IS (which includes any device attached to this IS), you consent to the following conditions:

-The USG routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing, COMSEC monitoring, network operations and defense, personnel misconduct (PM), law enforcement (LE), and counterintelligence (CI) investigations.

-At any time, the USG may inspect and seize data stored on this IS.

-Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any USG authorized purpose.

-This IS includes security measures (e.g., authentication and access controls) to protect USG interests--not for your personal benefit or privacy.

-Notwithstanding the above, using this IS does not constitute consent to PM, LE or CI investigative searching or monitoring of the content of privileged communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such communications and work product are private and confidential. See User Agreement for details.

[Continue](#)

# PRMS Screenshot: Login Page

**PRMS** Personnel Recovery Mission Software



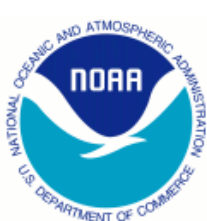
The screenshot shows the PRMS login page. At the top left, it says "PRMS Personnel Recovery Mission Software". The main content area features a large image of a Black Hawk helicopter in flight over a desert landscape. Overlaid on the image is the text "PERSONNEL RECOVERY MISSION SOFTWARE" in large, bold, yellow letters. To the right of the helicopter image is a vertical column of five circular logos representing various military and government agencies. Below the image, there is a heading "Please choose your login below" and two buttons: "Register/Setup CAC" and "PRMS CAC Login". At the bottom of the page, there is a compatibility note: "This site is compatible with Internet Explorer 6.0, 7.0, and 8.0." followed by a link "PRMS Isoprep and EPA Computer Based Training V2.1.5" and another link "JSETS Beacon Lookup".

**PERSONNEL RECOVERY  
MISSION SOFTWARE**

Please choose your login below

[Register/Setup CAC](#) [PRMS CAC Login](#)

This site is compatible with Internet Explorer 6.0, 7.0, and 8.0.  
[PRMS Isoprep and EPA Computer Based Training V2.1.5](#)  
[JSETS Beacon Lookup](#)



# PRMS Screenshot: Beacon Lookup Page

**PRMS** Personnel Recovery Mission Software

## JSETS Beacon Lookup

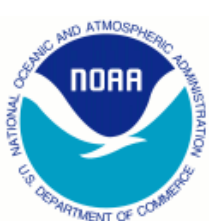
For PRC-149's and ACRPLBs: Be sure to Break Beacon ID in **Four - Five** and then **Six** digits, e.g. 2DD7 XXXX F81FE0

For URT-140's: Be sure to Break Beacon ID in **Six - Seven** and then **Two** digits, e.g. ADCC07 XXXXXX 55

For PRQ-7's CSEL - the C/S ID is the **HHR ID Radio ID**

Only enter ONE beacon number for each search.

500-27-07MB	2DD01	<input type="text"/>	F81FE0
ACR PLB	2DD7	<input type="text"/>	F81FE0
ACR PLB-375	2DCE	<input type="text"/>	FFBFF
ACR TERRAFIX	2DCE4E	<input type="text"/>	FFBFF
ACR TERRAFIX (Var. 1)	2DC	<input type="text"/>	FFBFF
ACRPLB-300	2DCE5F	<input type="text"/>	FFBFF
ACRPLB-300 V1	2DF	<input type="text"/>	F81FE0
ACRPLB-300 V2	2DD7	<input type="text"/>	F81FE0
ACRPLB-300 V3	2DC	<input type="text"/>	FFBFF
ACRPLB-300 V4	2DD6	<input type="text"/>	F81FE0
ACRPLB-350B	2DCE	<input type="text"/>	FFBFF
ADT 406 ELT	ADCC5	<input type="text"/>	0020D



# PRMS Screenshot: Beacon Lookup Page

McMurdo G5 Smartfind	2DC	<input type="text"/>	FBFF
MOOG 406	ADCC01	<input type="text"/>	40401
MOOG ELT	ADCC01	<input type="text"/>	40459
PRC-112G	2DD	<input type="text"/>	F81FE0
PRC-149/149A	2DD7	<input type="text"/>	F81FE0
PRQ-7 CSEL		<input type="text"/>	
SEI PLB	2DD7	<input type="text"/>	F81FE0
SRB-406	ADCC4	<input type="text"/>	00215
SRB-406 V1	ADCC07	<input type="text"/>	40401
URT-140	ADCC07	<input type="text"/>	55
URT-44	2DD	<input type="text"/>	F81FE0
URT-44 V1	2DF	<input type="text"/>	F81FE0
URT-45	2A4F	<input type="text"/>	FBFF

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Manufacturer's Serial Number

Full Beacon Hex



# Conclusion

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Questions?