JSETS
Joint SARSAT Electronic Tracking System

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JSETS Concept

- All 406 MHz beacons must be registered

- DoD developed their own registration database

  - to protect sensitive information (e.g., unit info.)

  - To 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

- US coded national use beacons allocated by NOAA to DOD special programs

- Off the shelf beacons used by the DOD which cannot be identified by USMCC based on beacon coding

When to access JSETS to process USMCC Alert messages

- Alert message says "See JSETS"
  - in Registration section (usually Owner name)
  - in Beacon Decode section
  - in Special Program Name for Off-the-Shelf (OTS) beacons (based on periodic/monthly list of JSETS beacon provided to the USMCC by RMS)
  - in 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

Other Considerations

- JSETS contains many Off-the-Shelf beacons (OTS)

- 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 IHDB, ensure that the appropriate database is being evaluated

- Beacons in JSETS may also be in RGDB (but information in the two databases may differ)

- Beacons identified as JSETS may not be registered in the JSETS database

ACCESS JSETS

- 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, <u>or</u>

  - enter the HHRID in the PRQ-7/CSEL box

  - Note: For CSEL Beacons <u>do not </u>enter both the Hex ID and HHRID

  - The result (using CSEL HHIRD as sample) is the info below (test info in this case).
    Includes IDs, unit, and 24/7 contact info.

Default PRMS Page - Internet Explorer provided by USAF

https://prmsglobal.prms.af.mil/

Bing

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Default PRMS Page

Page ▼ Safety ▼ Tools ▼

Personnel Recovery Mission Software

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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 XXXXX F81FEO
For URT-140's: Be sure to Break Beacon ID in Six - Seven and then Two digits, e.g. ADCC07 XXXXXXX 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		F81FE0
ACR PLB	2DD7		F81FE0
ACR PLB-375	2DCE		FFBFF
ACR TERRAFIX	2DCE4E		FFBFF
ACR TERRAFIX (Var. 1)	2DC		FFBFF
ACRPLB-300	2DCE5F		FFBFF
ACRPLB-300 V1	2DF		F81FE0
ACRPLB-300 V2	2DD7		F81FE0
ACRPLB-300 V3	2DC		FFBFF
ACRPLB-300 V4	2DD6		F81FE0
ACRPLB-350B	2DCE		FFBFF
ADT 406 ELT	ADCC5		0020D
ADT 406S	ADCC4		00265
AEROFIX 406 GPS I P-ELT	2DC		FFBFF
AK-451 ELT	AE2C4		002CD
Artex 110-406	2DC75		FFBFF
ARTEX AVN/ELT V1	ADCC05		40401

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10

KANNAD 406-AF ELT V5	ADC6		5DD1
KANNAD 406-AF ELT V6	ADC6		E361
KANNAD 406-AF ELT V7	ADC6		B6E1
KANNAD 406-AF ELT V8	ADC6		8741
KANNAD 406-AF ELT V9	ADC6		CEE1
MBT 040600	2DD6		F81FE0
McMurdo E5 Smartfind	ADC		0028D
McMurdo G5 Smartfind	2DC		FFBFF
MOOG 406	ADCC01		40401
MOOG ELT	ADCC01		40459
PRC-112G	2DD		F81FE0
PRC-149/149A	2DD7		F81FE0
PRQ-7 CSEL			
SEI PLB	2DD7		F81FE0
SRB-406	ADCC4		00215
SRB-406 V1	ADCC07		40401
URT-140	ADCC07		55
URT-44	2DD		F81FE0
URT-44 V1	2DF		F81FE0
URT-45	2A4F		FBFF

Manufacturer's Serial Number [   ]

Full Beacon Hex [   ]

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