



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
- 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