406 MHz Registration Databases: RGDB, JSETS, and IBRD

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Apurve Mathur
RGDB Lead
ERT, Inc.
Overview

• Operations summary and current status of the Registration Database (RGDB)
• RGDB SAR user accounts
• Handling IHDB Feedback
• RGDB process improvements – 2016
• RGDB process improvements – future initiatives
• The new RGDB website
• JSETS
• IBRD
RGDB Operations Summary

• The RGDB is a large database that requires significant resources to maintain; our focus is to catch and correct inaccuracies BEFORE an alert occurs.
• Processes to resolve orphaned beacon registrations are now in place and more are being developed.
• More than 75% of all registration transactions are online and mostly invisible to us. We are working on ways to detect errors in this pool using automated data checks.
• Data corrections are dependent on owner responsiveness.
• The new RGDB website is much easier to use and incorporates more powerful tools for finding information in the database.
Current Status of the RGDB - Scope

• The RGDB contains over 520,000 registrations, roughly a 10% increase from last year
• Annual database operations in 2016 required
  – Over 55,000 incoming and outgoing phone calls
  – Over 20,000 incoming letters, faxes, and emails
  – Over 367,000 outgoing registration emails
  – Over 145,000 outgoing letters
Accuracy of the RGDB as indicated by the activation feedback entered into the Incident History Database (IHDB) during CY 2016:

- Over 80% of activated beacons were registered
- 75.5% of registrations for activated beacons were considered accurate
RGDB SAR User Accounts - New

SAR Controllers must request account access through the appropriate USCG or USAF liaison:

**USCG**

LCDR Aaron J. Ortenzio  
SARSAT Liaison Officer  
Aaron.J.Ortenzio@uscg.mil  
Phone: 202-372-2089

**AFRCC/AKRCC**

Danny Conley, USAF  
AFRCC Chief of Operations  
Danny.Conley@us.af.mil  
Phone: 850-283-5688
To resolve password issues in SAR user accounts, call Apurve Mathur or Jonathan Sargent (6:30 am to 3:00 pm, Mon-Fri) at +1 301-817-4515
Handling IHDB Feedback

The RGDB’s new method for handling Incident History Database (IHDB) feedback is as follows:

• All non-distress sites closed are contacted by email or letter asking the owner to review their registration for accuracy.

• Depending on the response, further follow-up may be initiated based on the information RCCs provide in the site write-up.
The New RGDB Website

The new RGDB website was launched on May 9, 2016. In comparison with the previous version, it is:

- More user-friendly (better interface)
- More powerful
- More expansive
- More integrated
System Enhancements in the New RGDB

- Better login and password recovery mechanisms
- More intuitive navigation and more online help information
- Easier registration of beacons (new and sold)
- Faster and more powerful searches
- Increased continuity of sold beacon registrations
RGDB Process Improvements - Future

Sold/Out-of-Service Beacons (Proposed)

• Send email and/or letter to registered owners of “Sold” or “Out-of-Service” registrations requesting contact information for the new owner.

• Send email and/or letter follow-up to the new owner using information gathered from responses.
The New RGDB Website

Demonstration
The New RGDB Website

Questions?
Joint SARSAT
Electronic Tracking System (JSETS)

Contact Information

• Database login
  https://prmsglobal.prms.af.mil

• Operations Support Team
  – Commercial phone: 586-239-3701
  – DSN: 312-273-3701
  – NIPR email: prmsmail@dodiis.mil
  – SIPR email: prmsmail@dia.smil.mil
Using JSETS

Look for a registration in JSETS if:

• The alert message states “See JSETS” anywhere in the registration section (Note that the JSETS list is provided to the USMCC once a month, so newer registrations may not be available on the alert itself)

• Any registration information is in doubt
Using JSETS

• Note that beacons identified as JSETS in the RGDB may not be registered in the JSETS database. Inform the owner that they need to register with JSETS.

• Do not complete the Registration Information Usage and Registration Accuracy sections for the IHDB record of any JSETS beacon.
The IBRD is designed for countries that do not have their own 24/7 beacon registration database. Access the IBRD at:

www.406registration.com
IBRD Account Access Problems

For any IBRD account access issues (e.g., forgotten password or being locked out of the system), call the USMCC Controller to report the situation and receive assistance:

+1 301-817-4576