



# 406 MHz Registration Databases: RGDB, JSETS, and IBRD

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# Overview

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- 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

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- 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

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- 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



# Current Status of the RGDB - Accuracy

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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

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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



# RGDB SAR User Accounts – Lockout Issues

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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

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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

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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

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- 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

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## 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

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# Demonstration



# The New RGDB Website

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# Questions?

# Joint SARSAT Electronic Tracking System (JSETS)

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## 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](mailto:prmsmail@dodiis.mil)
  - SIPR email: [prmsmail@dia.smil.mil](mailto:prmsmail@dia.smil.mil)



# Using JSETS

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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

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- 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.



# International Beacon Registration Database (IBRD)

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The IBRD is designed for countries that do not have their own 24/7 beacon registration database. Access the IBRD at:

**[www.406registration.com](http://www.406registration.com)**



# IBRD Account Access Problems

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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**