



406 MHz Registration Database

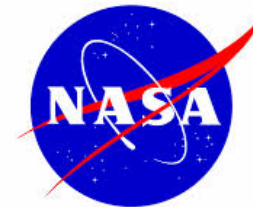
SAR Controllers Workshop 2019

March 7, 2019

Apurve Mathur - RGDB Lead

Jonathan Sargent – RGDB QA Specialist

ERT, Inc.





Overview

- Registration Database (RGDB) operations summary
- RGDB Status - Scope and Accuracy
- RGDB SAR user accounts
- Incident History Database (IHDB) feedback process
- RGDB changes – 2018



RGDB Operations Summary

- The RGDB is a large, dynamic 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 in place and more are being developed.
- More than 80% of all registration transactions are made by owners online and are not monitored by us.
- Data corrections are dependent on owner responsiveness.



RGDB Status - Scope

- The RGDB contains over **605,000** registrations, roughly an **8%** increase from last year
- RGDB operations in 2018 required:
 - Over **35,000** incoming and outgoing phone calls
 - Over **25,000** incoming letters, faxes, and emails
 - Over **596,249** outgoing registration emails
 - Over **198,930** outgoing registration letters



RGDB Status - Accuracy

Accuracy of the RGDB, compiled from IHDB activation feedback entered during CY 2018:

- 80% of activated beacons were registered
- 75% of registrations for activated beacons were accurate



RGDB SAR User Accounts

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

USCG

LCDR Erin M. Boyle
SARSAT Liaison Officer

Erin.M.Boyle@uscg.mil

Phone: 202-372-2089

AFRCC/AKRCC

Dan Conley, USAF
AFRCC Chief of Operations

Danny.Conley@us.af.mil

Phone: 850-283-5688



RGDB SAR User Accounts – Password Issues

To resolve password issues in RGDB SAR user accounts,

call Apurve Mathur or Jonathan Sargent
(6:30 am to 4:00 pm, Mon-Fri) at

+1 301-817-4515



Following Up on Registration Issues Noted in the IHDB

When an RCC Controller notes registration inaccuracy in the IHDB, the RGDB follows up:

- All closed sites marked as having inaccurate registration information are contacted by email or letter asking the owner to review their registration for accuracy and update it online if changes are required.
- When IHDB Additional Remarks include owner contact information that is not in the current registration (e.g., the beacon was sold but not yet registered by the new owner, who activated it), RGDB staff will use it to reach out by email or phone and encourage registration.



2018 RGDB Changes

Decals for ELTs

- Issued beginning in June 2018
- List the AFRCC phone number to call when the beacon is inadvertently activated in a non-distress situation
- Should be affixed in a location that is easily visible to the pilot or maintenance crew



RGDB Demonstration