Incident History Database (IHDB)

SAR Controllers Workshop 2020
March 2020
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ERT, Inc.
Overview

• Secure Login and Account Creation
• RCC Intro Page
• Enhanced Search Features
• Improved Workflow Logic
• Position Data Visualization (Timeline and Map)
• Redesigned Database to incorporate MEOSAR
• Automatic Email Reminders Requesting Feedback
• Improved Method for Linking Sites
• Password Self-Reset
Secure Login and Account Creation

• Users can set up their account for their organization manager to activate.
Secure Login and Account Creation

USMCC Incident History Database

Set Up IHDB User
Create an account and you will be notified when you are approved for authorized access to the system.
Log in to your account or Reset your password

User Information
First Name


Last Name


User


Email (Do not use personal email)*


_PHONE (xxx)xxx-xxxx (optional)


Organization (Search and Rescue Identifier Name)


PASSWORD
Password must be at least 12 characters long.


Retype Password


Account Recovery
Enter your questions and responses here. You must answer them correctly if you need to reset your password.
Challenge Question 1
In what city or town were you born?


Response 1
city
RCC Intro Page

• The initial login page displays your RCC’s unassigned records.

**USMCC Incident History Database**

<table>
<thead>
<tr>
<th>Site Number</th>
<th>Beacon ID</th>
<th>First Detected</th>
<th>Site Closed</th>
<th>Site Status</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>98035</td>
<td>2DCE701E32FFBFF</td>
<td>2019-08-20 19:13:27.0</td>
<td>2019-08-20 21:15:27.0</td>
<td>First Alert</td>
<td>(Unassigned)</td>
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<td>97702</td>
<td>ADCD02091D41C01</td>
<td>2019-08-18 16:48:03.0</td>
<td>2019-08-18 18:50:33.0</td>
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<td>(Unassigned)</td>
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<td>96734</td>
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<td>(Unassigned)</td>
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<td>(Unassigned)</td>
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<td>2019-08-07 23:40:00.0</td>
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<td>(Unassigned)</td>
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<tr>
<td>95260</td>
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<td>2019-08-04 16:39:00.0</td>
<td>First Alert</td>
<td>(Unassigned)</td>
</tr>
<tr>
<td>95127</td>
<td>ADCF16B2040C01</td>
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<td>2019-08-03 14:24:00.0</td>
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<td>(Unassigned)</td>
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<td>2019-08-02 23:47:00.0</td>
<td>Composite</td>
<td>(Unassigned)</td>
</tr>
</tbody>
</table>
Enhanced Search Features

- Responsive web design (different screen sizes)
- User friendly/Simple navigation
Improved Workflow Logic

USMCC Incident History Database

Incident Feedback Form for Site 97810

1. Primary Mission Coordinator

Was this activation within your Search and Rescue Region?

Yes - PACAREA

No - select a different SAR Primary Mission Coordinator
Improved Workflow Logic

Incident Feedback Form for Site 97810

1. Primary Mission Coordinator  
2. Incident Outcome  
3. Case Result  
4. SARSAT Rescue  
5. Registration Information Usage and Accuracy  
6. Summary

2. Incident Outcome

*Required

*Incident Outcome

- Distress
- Non-Distress
- Ceased/Udetermined
- None of the above - Link this site to another

*Incident Type

- Aviation
- Maritime
- Terrestrial
- Other

*Vehicle Type

- Select One -

*General Location

- Select Location -

Actual Latitude (DDD MM.mmX)

Actual Longitude (DDD MM.mmX)

How Actual Location Determined

- Select One -

Back

Next - Case Result
Improved Workflow Logic

Incident Feedback Form for Site 97810


3. Case Result

- Number Rescued
- Number In Distress

*Activation Reason
Examples of Operational False Alerts

Activation Comment
In this section, please only provide comments related to the activation method. Details concerning the RCC/SPOC’s response to alert data will be captured later on in the Case Summary section.

- RCC Incident/Mission/Case Number
- Case Time (yyyy-MM-dd HH:mm)

Back  Next - SARSAT Rescue
Improved Workflow Logic

Incident Feedback Form for Site 97810


4. SARSAT Rescue

1. Only Notification?
   - First Notification?
   - Used Notification?
   - Only Location?
   - Guiding Location?
   - Redundant Location?
   - Summary

Was the SARSAT Beacon Notification the Only Means Used to Alert Authorities?

- Yes - Only Notification
- No

Back - Case Result
Incident Feedback Form for Site 97810

5. Registration Information Usage and Accuracy

*Registration Information Usage
- Not Used
- Contributed to case resolution
- Primary Means to resolve case

*Owner Information
- Accurate
- Not Accurate
- Unverified

*Emergency Contact Information
- Accurate
- Not Accurate
- Unverified

*Vessel/Aircraft/Usage Information
- Accurate
- Not Accurate
- Unverified

List inaccurate information and provide corrections below;
NOAA will follow up with registrant.

Back - SARSAT Rescue

Next - Case Summary
Improved Workflow Logic

Incident Feedback Form for Site 97810

1. Primary Mission Coordinator  2. Incident Outcome  3. Case Result  4. SARSAT Rescue  5. Registration Information Usage and Accuracy

6. Summary

Summary

*Case Summary
Enter details concerning RCC/SPOC response to alert data. Include important details such as, location, people, resolution, etc... Examples of Case Summary

Save Changes
Position Data Visualization
Timeline

USMCC Incident History Database

View Timeline

94389 Site
- Site Opened
- First Detect
- Last Detect
- Site Closed

94389 Positions
- FirstComposite
- MeoFirstAlert
- TimeFirstGEO

13:45
13:50
13:55
14:00
14:05
14:10
14:15
14:20
14:25
14:30
14:35
14:40

Tuesday 30 July 2019
Position Data Visualization Map
Position Data Visualization Map

3/30/2020
Redesigned Database to Incorporate MEOSAR

### Site Data

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Alert ALat</td>
<td></td>
</tr>
<tr>
<td>First Alert ALon</td>
<td></td>
</tr>
<tr>
<td>First Alert ASrr</td>
<td></td>
</tr>
<tr>
<td>First Alert MEOLat</td>
<td>33°55.200N</td>
</tr>
<tr>
<td>First Alert MEOLon</td>
<td>118°27.060W</td>
</tr>
<tr>
<td>First Alert MEOSrr</td>
<td>366F</td>
</tr>
<tr>
<td>First Encoded Lat</td>
<td></td>
</tr>
<tr>
<td>First Encoded Lon</td>
<td></td>
</tr>
<tr>
<td>Time First Encoded</td>
<td></td>
</tr>
<tr>
<td>Encoded SRR</td>
<td></td>
</tr>
<tr>
<td>Number of Passes</td>
<td>2</td>
</tr>
<tr>
<td>Site Opened</td>
<td>2019-08-19 13:01:36.0</td>
</tr>
<tr>
<td>First Composite Time</td>
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</tr>
<tr>
<td>First Alert BLat</td>
<td></td>
</tr>
<tr>
<td>First Alert BLon</td>
<td></td>
</tr>
<tr>
<td>First Alert BSrr</td>
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</tr>
<tr>
<td>First Composite Lat</td>
<td></td>
</tr>
<tr>
<td>First Composite Lon</td>
<td></td>
</tr>
<tr>
<td>Last Composite Lat</td>
<td></td>
</tr>
<tr>
<td>Last Composite Lon</td>
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<tr>
<td>Composite SRR</td>
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<tr>
<td>Time First Leo</td>
<td></td>
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<tr>
<td>Time First Geo</td>
<td>2019-08-19 12:59:40.0</td>
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<tr>
<td>Time First Meo</td>
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<tr>
<td>Last Updated By</td>
<td><a href="mailto:JOE.RCC@NOAA.GOV">JOE.RCC@NOAA.GOV</a></td>
</tr>
<tr>
<td>Date Updated</td>
<td>2019-08-21 15:24:54.743</td>
</tr>
</tbody>
</table>
Automatic Email Reminders Requesting Feedback

Two step automated reminders:
• Primary RCC email addresses will receive feedback requests for unassigned records **one hour** after a site closes.
• And, a **weekly summary email** containing all unassigned records.
Improved Method for Linking Sites
Improved Method for Linking Sites

Incident Feedback Form for Site 98053


Link to Master Site

USMCC Master Site/Beacon ID Reference
If this incident is correlated with another, enter the master site number or beacon ID, select the correct site from the dropdown and click Link.

[Input field for master site number or beacon ID]

Link

Click here to search for 3 related non-linked sites with the same beacon ID.

Not Linked - Go Back to Incident Outcome
Improved Method for Linking Sites

• Easily make corrections from the Update screen.
Password Self-Reset

- IHDB users now have the ability to reset their own passwords.
Password Self-Reset

USMCC Incident History Database

Reset Your Password

Email address

Organization

Next
Password Self-Reset

USMCC Incident History Database

Security Challenge Questions
You must correctly answer your security challenge questions and before you can reset your password. After 5 failed attempts, the account will be locked.

What is the name of your favorite childhood friend?

In what city or town were you born?

Answer
Questions?