



OCC Operator Update Training

Release 5.3.1

DOCUMENT INFORMATION

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Update Training Concept

For the OCC Release 5.3.1, EMS has re-examined our training material. The existing training guides from the OCC 5.3 remain valid for the OCC 5.3.1. This Update Training Package describes the new functionality and changes available in the OCC Release 5.3.1.

It is our intention to migrate the material in the existing training guides into a slide format presentation set similar to what is presented here.

We look forward to discussing this concept with you at the Users Group Meeting at JC-20 in Montreal.

OCC Release 5.3.1 Material

- OCC 5.3.1 Executables
- Documentation
 - Operator Guide (EMS-MN-1066-16015)
 - System Manager Guide (EMS-MN-1066-16022)
 - Reference Guide (EMS-MN-1066-16021)
 - Operator Update Training Slides (EMS-MN-1066-16036)
 - System Manager Update Training Slides (EMS-MN-1066-16035)
 - Release Notes (EMS-RP-1066-16033)
 - Operator's Manual (EMS-SM-OCC-41503)
 - System Manager's Manual (EMS-OM-OCC-41502)

New Features and Changes

- Incident Reporting System
- Monitor Interferer System
- Query Enhancements System
- Saving QUERY Form Settings Operator
- Character Limitations on SIT 915 and SIT 605 Operator
- Text Overlays Enhancements Operator
- Configuration Files Updated Operator

Documentation

- See Section 6.0 of Release Notes for changes.

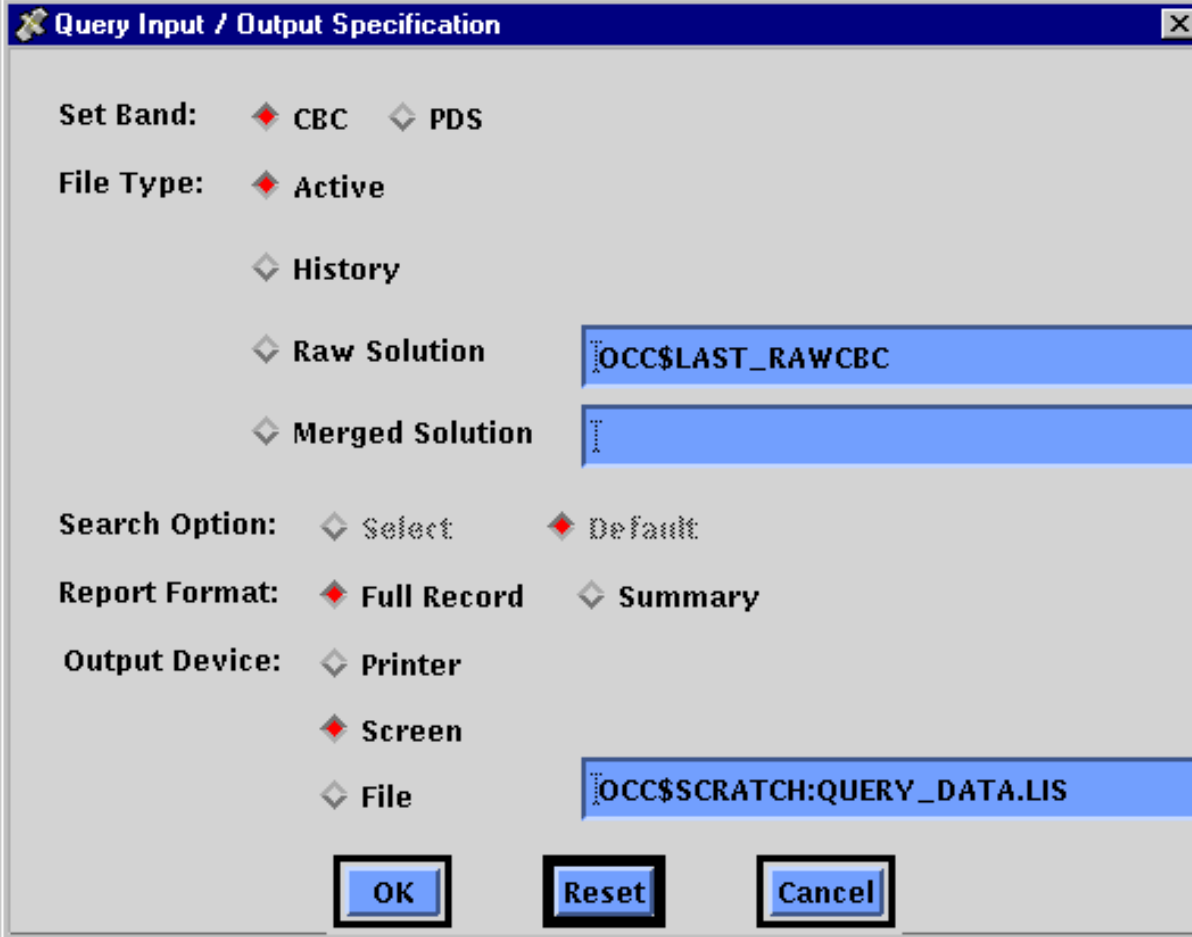
Overview of New Functionality

- Query Form Settings
- Text Overlay Enhancements
- Narrative Message Enhancements
- Incident Manager GUI

Query Form Setting

- Operators will have their last Query setting restored if the OPINT is restarted.
- **Reset** button available to restore to default Query settings.

Query Form Setting



The image shows a dialog box titled "Query Input / Output Specification". It contains several settings for a query, each with a radio button or diamond selector. The "Raw Solution" and "Merged Solution" fields are text boxes containing file paths. The "Output Device" section has three options: Printer, Screen, and File. At the bottom are three buttons: OK, Reset, and Cancel.

Query Input / Output Specification

Set Band: ☒ CBC ☐ PDS

File Type: ☒ Active

☐ History

☐ Raw Solution

☐ Merged Solution

Search Option: ☐ Select ☒ Default

Report Format: ☒ Full Record ☐ Summary

Output Device: ☐ Printer

☒ Screen

☐ File

Text Overlay

- When an operator wishes to add a text overlay to the GRAPHICS window, they have the option of entering a file name or selecting an existing file.
- The following feature was added to remind the operator that using an existing file name will result in that file being updated.
- If a file name exists, then an Update button will be shown.
- If a file name does not exist, then an Add button will be shown.

Text Overlay



A screenshot of a Windows-style dialog box titled "Graphics - Overlay Text". The dialog has a blue background and a dark blue title bar with a close button. It contains several controls for configuring text overlay: "Text Color" is set to "Green" (highlighted with a red box), "Text Size" is set to "Medium", "File Name..." is set to "SYS\$SYSDEVICE:[DATA.GRAPHICS]OTTAWA_MCC.TXT;5", "Text:" is set to "Ottawa MCC", "Use Mouse" is checked (red diamond icon), "Latitude" is "30 0.0N", "Use Lat,Long" is checked (blue diamond icon), "Longitude" is "163 0.0W", "All Views" is checked (red diamond icon), and "Current View" is unchecked (blue diamond icon). There are "Add" and "Cancel" buttons at the bottom.

Graphics - Overlay Text

Text Color: **Green** Text Size: **Medium**

File Name...: SYS\$SYSDEVICE:[DATA.GRAPHICS]OTTAWA_MCC.TXT;5

Text: Ottawa MCC

☒ Use Mouse Latitude: 30 0.0N

☒ Use Lat,Long Longitude: 163 0.0W

☒ All Views

☐ Current View

Add Cancel

Narrative Message Enhancements

COSPAS/SARSAT regulations restrict the characters that can be used in narrative SIT messages (SIT 915 or 605) to those that can be used by AFTN networks. (C/S A.002 MCC Standard Interface Description).

The Send Narrative option of the OCC Operator Interface has been modified to detect and filter unaccepted characters when a message is transmitted.

If non-AFTN characters are detected in a message, the user will be prompted with the option:

1. Canceling the transmission to correct the message
2. Allow the program to replace the characters automatically.

(See the Section 7.0 of Operator Guide for more information).

Narrative Message Enhancements



Narrative Message Enhancements

The Send Narrative window has also been modified to notify the operator that the transmit request has been accepted and the SIT message file has been forwarded to the Router process for transmission.



Incident Reporting

Overview

- The Cospas-Sarsat Secretariat produces annual Report on System Status and Operations.
- Each operational MCC is required to report to the Secretariat the data associated with distress incidents in their SAR area.
- Incident reports: Annex B of the Cospas-Sarsat document System Monitoring and Reporting, A.003.
- The OCC has an incident database and a managing process for collecting and storing the necessary information for creating these reports.

Incident Manager GUI Overview

- What is the Incident Manager?
- Introduction to Incident Manager GUI
- Starting Incident Manager GUI Manager
- Displaying the Record List
- Printing the Record List
- Exporting the Record List
- Filtering the Record List
- Deactivating the Filter Function
- Sorting the Record List
- Deactivating the Sort Function
- Displaying PDS Incident Data with Open or Closed Status
- Displaying CBC Incident Data with Open or Closed Status
- Working with CBC/PDS Incident Data with Pending Status
- Exit Incident Manager GUI

What is the Incident Manager?

- A new feature which collects data regarding the disposition and nature of Cospas-Sarsat Incidents.
- This data collection, allows for the automatic data generated by the OCC to be combined with Incident feedback received at the MCC by their RCCs and SPOCs.
- This process is intended to reduce the manual manipulation of data required for annual Cospas-Sarsat Reporting.

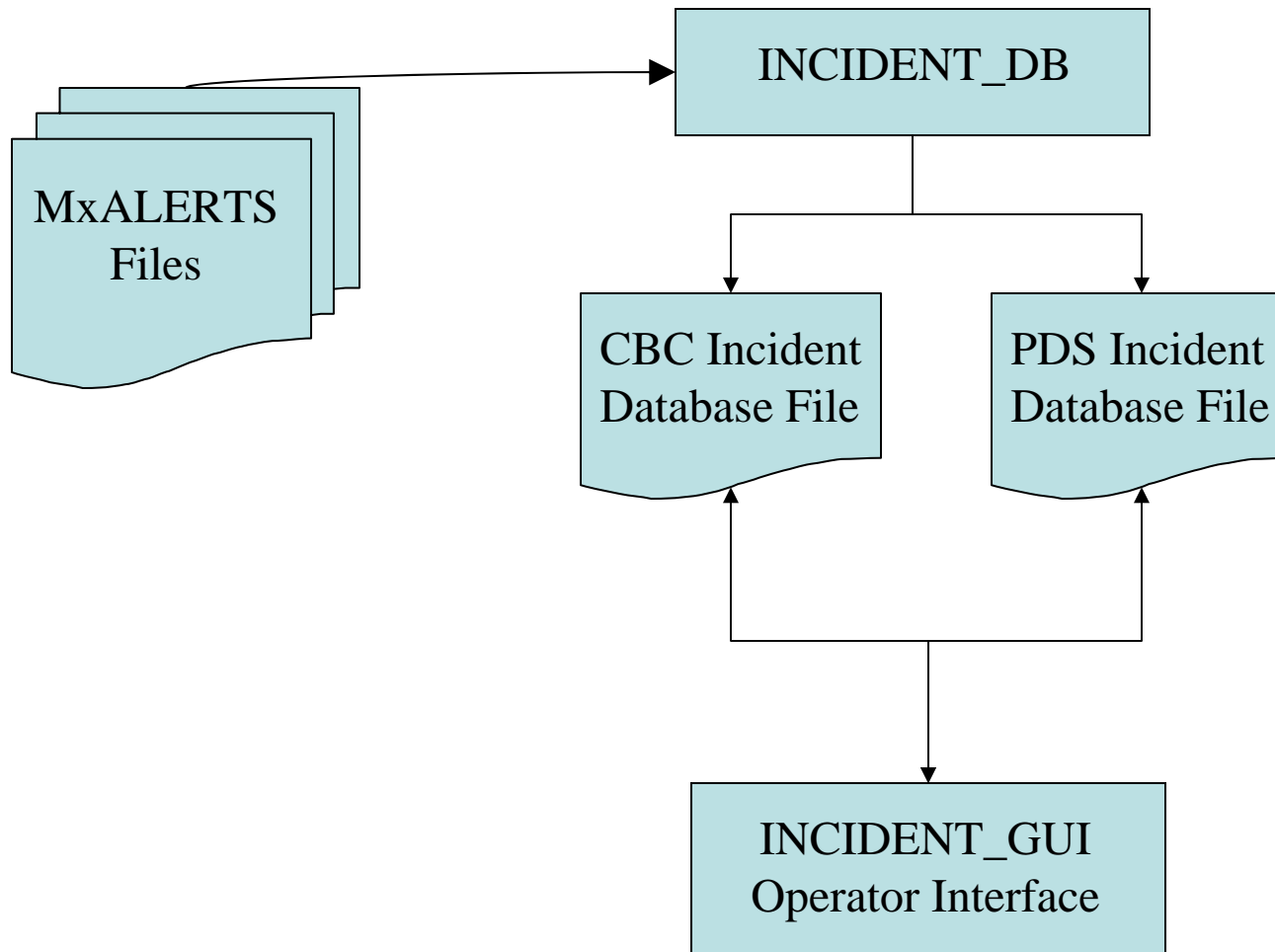
Incident Manager (1)

- Analyzes the MxALERTS files for 406 and CBC and updates the Incident Database.
- Several filtering options are available to restrict the entry by SRR, Country Code, Solution Type (Blown, Conflict, etc.), etc.
- Once in the database, the alerts will automatically update the details of the related incident if possible.

Incident Manager (2)

- Under certain conditions, the automatic process can not determine if the data matches a particular incident and the Operator will need to resolve the uncertainty of the match or create a new incident.
- The Operator will also need to enter any feedback on the nature of the Incident (Distress, Accidental, etc.).
- The data from the Incident Databases (406 and CBC) can then be exported into a CSV file and used to assist in the generation of the annual report required by Cospas-Sarsat.

Incident Manager (3)

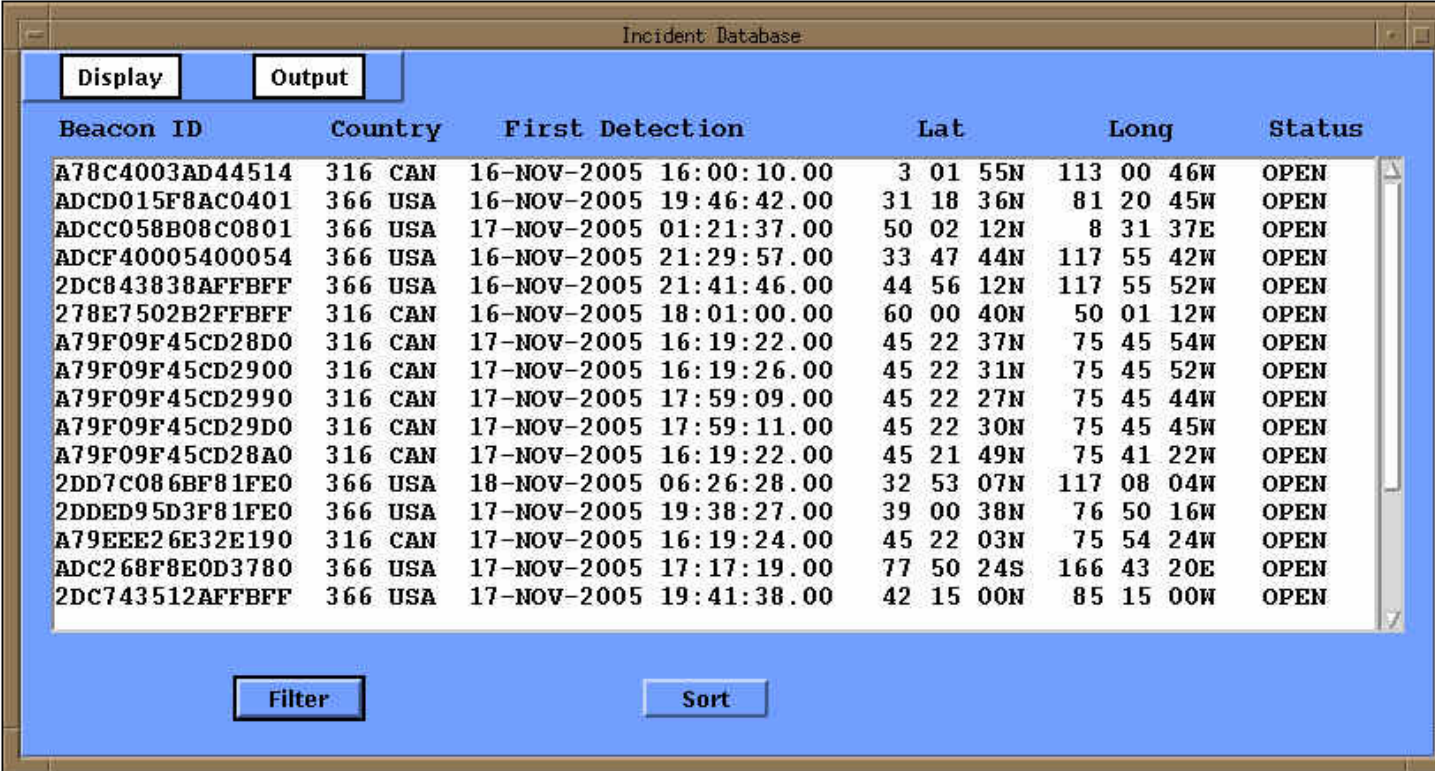


Introduction to Incident Manager GUI

- Allows user to display and manipulate the data in the Incident database.
- Interacts with the Incident Manager task for updates to records.
- Each incident will have a status of:
 - **Open:** incident is active and possibly receiving new data.
 - **Closed:** incident has been closed by the operator.
 - **Pending:** there is ambiguity associated with this record. The operator is required to indicate how the data should be handled.
- Pending incidents will require operator response.

Starting Incident Manager GUI

- From the Session Manager window, select **Operator Control Console** and then **Incident GUI**. The Incident Database window appears.



The screenshot shows a window titled "Incident Database" with a blue background. At the top, there are two tabs: "Display" and "Output". Below the tabs is a table with the following columns: "Beacon ID", "Country", "First Detection", "Lat", "Long", and "Status". The table contains 18 rows of data. At the bottom of the window, there are two buttons: "Filter" and "Sort".

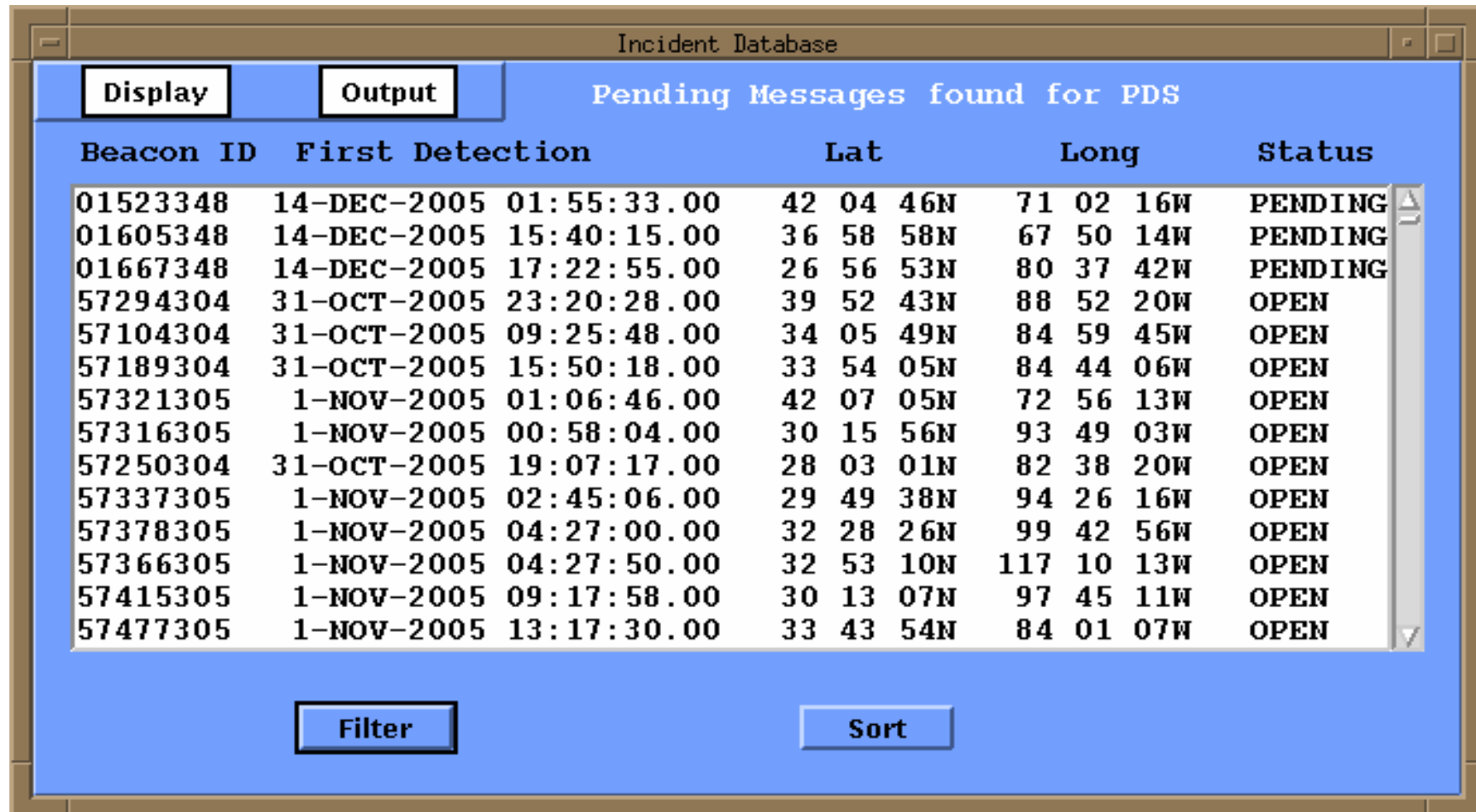
Beacon ID	Country	First Detection	Lat	Long	Status
A78C4003AD44514	316 CAN	16-NOV-2005 16:00:10.00	3 01 55N	113 00 46W	OPEN
ADCD015F8AC0401	366 USA	16-NOV-2005 19:46:42.00	31 18 36N	81 20 45W	OPEN
ADCC058B08C0801	366 USA	17-NOV-2005 01:21:37.00	50 02 12N	8 31 37E	OPEN
ADCF40005400054	366 USA	16-NOV-2005 21:29:57.00	33 47 44N	117 55 42W	OPEN
2DC843838AFFBFF	366 USA	16-NOV-2005 21:41:46.00	44 56 12N	117 55 52W	OPEN
278E7502B2FFBFF	316 CAN	16-NOV-2005 18:01:00.00	60 00 40N	50 01 12W	OPEN
A79F09F45CD28D0	316 CAN	17-NOV-2005 16:19:22.00	45 22 37N	75 45 54W	OPEN
A79F09F45CD2900	316 CAN	17-NOV-2005 16:19:26.00	45 22 31N	75 45 52W	OPEN
A79F09F45CD2990	316 CAN	17-NOV-2005 17:59:09.00	45 22 27N	75 45 44W	OPEN
A79F09F45CD29D0	316 CAN	17-NOV-2005 17:59:11.00	45 22 30N	75 45 45W	OPEN
A79F09F45CD28A0	316 CAN	17-NOV-2005 16:19:22.00	45 21 49N	75 41 22W	OPEN
2DD7C086BF81FE0	366 USA	18-NOV-2005 06:26:28.00	32 53 07N	117 08 04W	OPEN
2DDED95D3F81FE0	366 USA	17-NOV-2005 19:38:27.00	39 00 38N	76 50 16W	OPEN
A79EEE26E32E190	316 CAN	17-NOV-2005 16:19:24.00	45 22 03N	75 54 24W	OPEN
ADC268F8E0D3780	366 USA	17-NOV-2005 17:17:19.00	77 50 24S	166 43 20E	OPEN
2DC743512AFFBFF	366 USA	17-NOV-2005 19:41:38.00	42 15 00N	85 15 00W	OPEN

Displaying the Record List

- To view CBC or PDS incidents, click **Display** on the Incident Database window, and then **CBC** or **PDS**.

Note: If the record list is set to one band (e.g. PDS) and there are pending records on the other band (i.e. CBC) then a message will appear at the top of the window indicating there are pending records.

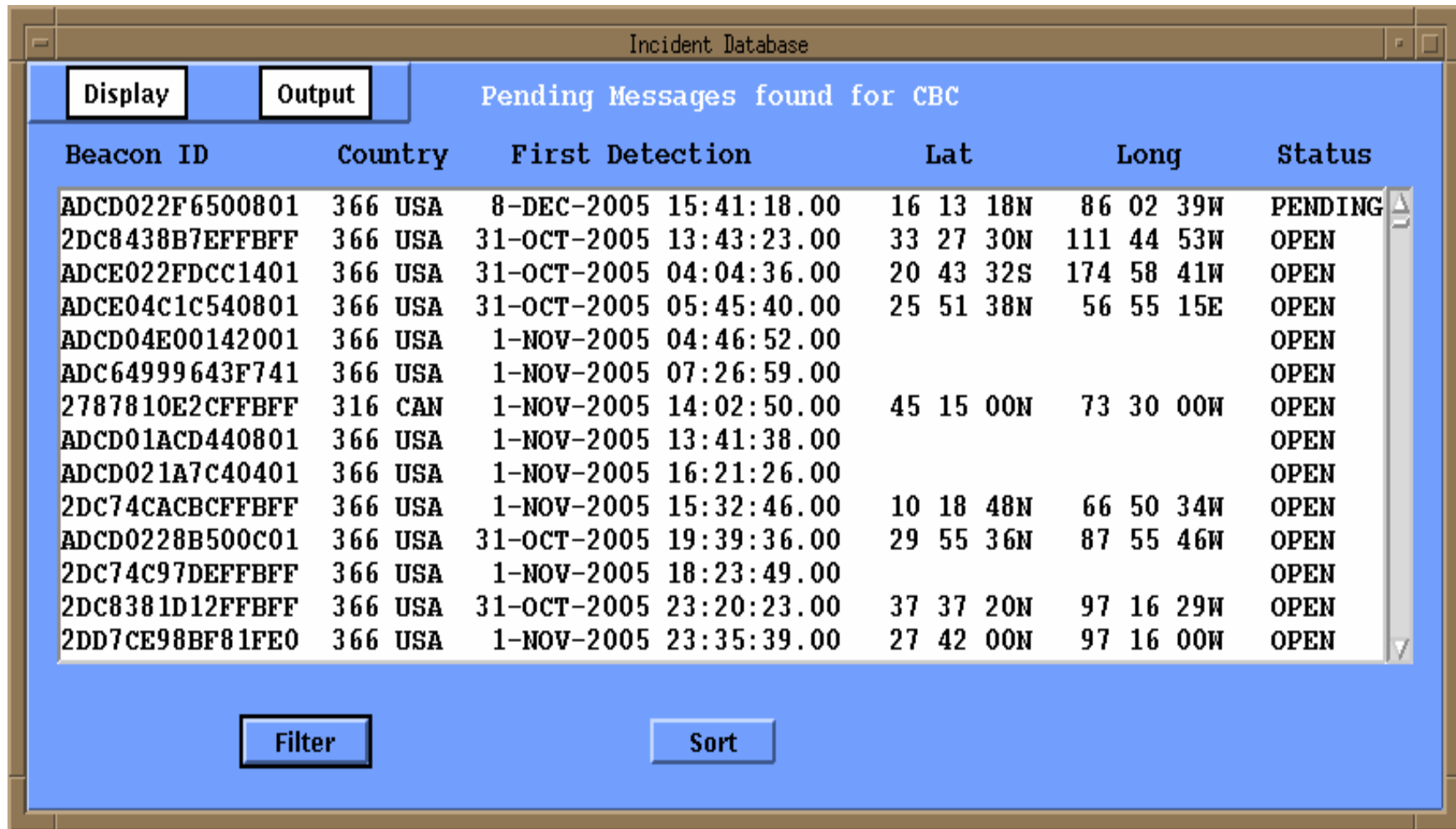
Displaying the Record List CBC



The screenshot shows a window titled "Incident Database". It has two tabs at the top: "Display" (selected) and "Output". Below the tabs, the text "Pending Messages found for PDS" is displayed. The main area contains a table with the following columns: Beacon ID, First Detection, Lat, Long, and Status. The table lists 15 records. The first three records have a status of "PENDING", and the remaining 12 have a status of "OPEN". At the bottom of the window, there are two buttons: "Filter" and "Sort".

Beacon ID	First Detection	Lat	Long	Status
01523348	14-DEC-2005 01:55:33.00	42 04 46N	71 02 16W	PENDING
01605348	14-DEC-2005 15:40:15.00	36 58 58N	67 50 14W	PENDING
01667348	14-DEC-2005 17:22:55.00	26 56 53N	80 37 42W	PENDING
57294304	31-OCT-2005 23:20:28.00	39 52 43N	88 52 20W	OPEN
57104304	31-OCT-2005 09:25:48.00	34 05 49N	84 59 45W	OPEN
57189304	31-OCT-2005 15:50:18.00	33 54 05N	84 44 06W	OPEN
57321305	1-NOV-2005 01:06:46.00	42 07 05N	72 56 13W	OPEN
57316305	1-NOV-2005 00:58:04.00	30 15 56N	93 49 03W	OPEN
57250304	31-OCT-2005 19:07:17.00	28 03 01N	82 38 20W	OPEN
57337305	1-NOV-2005 02:45:06.00	29 49 38N	94 26 16W	OPEN
57378305	1-NOV-2005 04:27:00.00	32 28 26N	99 42 56W	OPEN
57366305	1-NOV-2005 04:27:50.00	32 53 10N	117 10 13W	OPEN
57415305	1-NOV-2005 09:17:58.00	30 13 07N	97 45 11W	OPEN
57477305	1-NOV-2005 13:17:30.00	33 43 54N	84 01 07W	OPEN

Displaying the Record List PDS



The screenshot shows a window titled "Incident Database". It has two tabs: "Display" (selected) and "Output". The main area displays a list of "Pending Messages found for CBC". The table has columns for Beacon ID, Country, First Detection, Lat, Long, and Status. The data is as follows:

Beacon ID	Country	First Detection	Lat	Long	Status
ADCD022F6500801	366 USA	8-DEC-2005 15:41:18.00	16 13 18N	86 02 39W	PENDING
2DC8438B7EFFBFF	366 USA	31-OCT-2005 13:43:23.00	33 27 30N	111 44 53W	OPEN
ADCE022FDCC1401	366 USA	31-OCT-2005 04:04:36.00	20 43 32S	174 58 41W	OPEN
ADCE04C1C540801	366 USA	31-OCT-2005 05:45:40.00	25 51 38N	56 55 15E	OPEN
ADCD04E00142001	366 USA	1-NOV-2005 04:46:52.00			OPEN
ADC64999643F741	366 USA	1-NOV-2005 07:26:59.00			OPEN
2787810E2CFFBFF	316 CAN	1-NOV-2005 14:02:50.00	45 15 00N	73 30 00W	OPEN
ADCD01ACD440801	366 USA	1-NOV-2005 13:41:38.00			OPEN
ADCD021A7C40401	366 USA	1-NOV-2005 16:21:26.00			OPEN
2DC74CACBCFFBFF	366 USA	1-NOV-2005 15:32:46.00	10 18 48N	66 50 34W	OPEN
ADCD0228B500C01	366 USA	31-OCT-2005 19:39:36.00	29 55 36N	87 55 46W	OPEN
2DC74C97DEFFBFF	366 USA	1-NOV-2005 18:23:49.00			OPEN
2DC8381D12FFBFF	366 USA	31-OCT-2005 23:20:23.00	37 37 20N	97 16 29W	OPEN
2DD7CE98BF81FE0	366 USA	1-NOV-2005 23:35:39.00	27 42 00N	97 16 00W	OPEN

At the bottom of the window, there are two buttons: "Filter" and "Sort".

Printing the Record List

- On the Incident Database window, click **Output**, and then **Print**.

Exporting the Record List (1)

1. Select data type of interest (e.g. CBC or PDS).
2. To export the Record List in a comma delimited (CSV) file, click **Output**, and then **Export**. The Export Options form appears.
3. Select **Summary** for the Summary record fields. Or select **Full** to have all the data fields.
4. The File Name field displays the default file name and directory of the file to be exported.
5. Click **OK**.

Exporting the Record List (2)



Fields in Exported Record Lists in CSV format (1)

Field	Description	Comments
PRIMARY KEY	The record identifier made up of the creation date, beacon ID and a daily incident number.	For 406 MHz, the 15 hex beacon ID is used. For 121.5 MHz, the Merge ID is used along with a Julian day number.
TCA	TCA of the most recent beacon detection.	
CREATION DATE	Date when the incident is created.	
FIRST DETECTION	Time when the beacon is first detected.	
LAST DETECTION	Time when the beacon is last detected.	
BEACON ID	The identification of the beacon.	For 406 MHz, the 15 hex beacon ID is used. For 121.5 MHz, the Merge ID is used along with a Julian day number.
30 HEX ID	The 30 hex beacon ID.	406 MHz beacon only.
ENCODED LATITUDE	The encoded latitude of the beacon.	406 MHz beacon only.
ENCODED LONGITUDE	The encoded longitude of the beacon.	406 MHz beacon only.
COUNTRY	The country code of the beacon's country of registration.	406 MHz beacon only.

Fields in Exported Record Lists in CSV format (2)

Field	Description	Comments
LATITUDE	The latitude of the beacon as determined by the OCC.	If only a single detection, then this is the A side. If ambiguity has been resolved, then this is the resolved location.
LONGITUDE	The longitude of the beacon as determined by the OCC.	If only a single detection, then this is the A side. If ambiguity has been resolved, then this is the resolved location.
LATITUDE B	The B side latitude as determined by the OCC.	Single detection only.
LONGITUDE B	The B side latitude as determined by the OCC.	Single detection only.
BAND	The band of the beacon, 406, 121.5 or 243 MHz.	1 - 121.5 2 - 243 3 - 121.5/243 4 - 406 SARP 5 - 406 combined LEO/GEO with SARP 6 - 406 combined LEO/GEO with SARR 7 - 406 combined LEO/GEO with SARP and SARR 8 - 406 SARR 9 - 406 combined SARP and SARR
REFERENCE POINT	The reference point of the beacon.	The reference points are defined in the REF_POINT.DAT file.
REFERENCE DIRECTION	The reference direction of the beacon.	The reference direction is generated from the values of the reference point defined in the REF_POINT.DAT file.

Fields in Exported Record Lists in CSV format (3)

Field	Description	Comments
FREQUENCY BIAS	The frequency bias of the beacon recorded by OCC.	
REFERENCE DISTANCE	The reference distance of the beacon.	The distance between the reference point and the beacon location.
REPORTING MCC	The MCC which reported the incident.	The 6 character MCC name.
CLOSED STATUS	Indicates if this incident is Open (active) or Closed (inactive).	1 - Closed 0 - Open
NUMBER INVOLVED	Number of persons involved in the incident.	
NUMBER RESCUED	Number of persons involved who were rescued.	
BEACON TYPE	Beacon type.	0 - Unknown 1 - ELT 2 - EPIRB 3 - PLB
ALERT TYPE	Is this a real (distress alert), an accidental activation, or unknown alert.	0 - Unknown 1 - Accidental 2 - Real
KNOWN LATITUDE	Actual beacon latitude as reported by RCC.	
KNOWN LONGITUDE	Actual beacon longitude as reported by RCC.	

Fields in Exported Record Lists in CSV format (4)

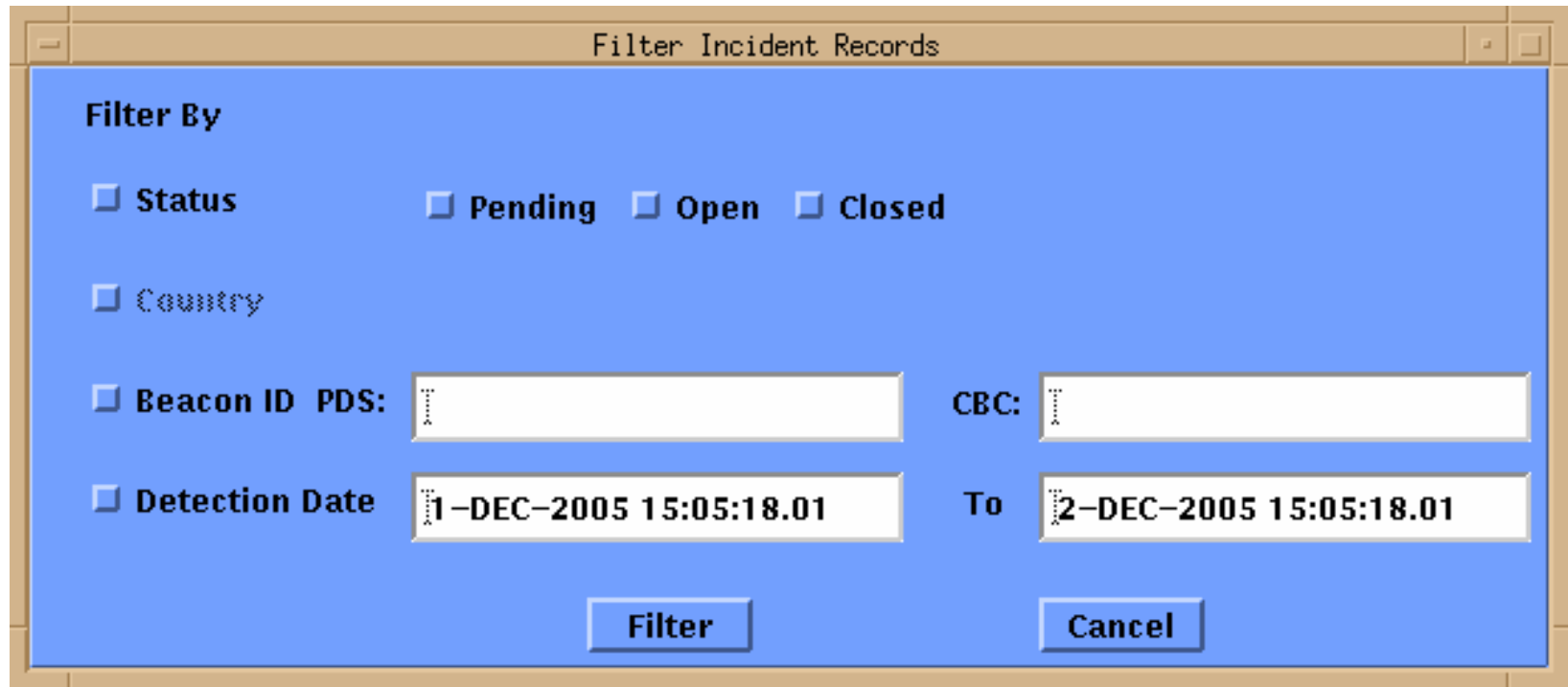
Field	Description	Comments
COSPAS-SARSAT ASSISTED	The search and/or rescue operation was assisted by Cospas-Sarsat system.	T – C-S assisted F – Not C-S assisted
BEACON REGISTERED	Is the beacon registered?	T – Registered F – Not registered
IN SRR	Is this incident in your Search and Rescue Region?	T – In SRR region. F – Not in SRR region.
AUTO	Was the beacon automatically activated?	T – Auto F – Other
EVENT TYPE	Type of incident.	AVI - Aviation MAR - Maritime PLB - Land OTH - Other
VEHICLE	The type of vehicle involved.	FV - Fishing Vessel MV - Merchant Vessel PV - Pleasure Vessel SV - Sailing Vessel AV MIL - Aviation Military AV CIV - Aviation Civilian OTH - Other
DISTRESS CIRCUMSTANCES	Name and type of vehicle involved in the incident.	Name and type.
ALERT NATURE	What was the nature of the assistance provided by the Cospas-Sarsat System?	ONLY - Only Alert FIRST - First Alert SUP - Supporting Data

Fields in Exported Record Lists in CSV format (5)

Field	Description	Comments
FALSE REASON	Accidental activation qualifiers as defined in CS A.003 Appendix B.1.	UNK - Unknown MIS - Mishandling MAL - Malfunction MOU - Mounting Failure ENV - Environmental Conditions INT - Interferer PRO - Processing Anomaly
ADDRESSEE	Where were the alerts sent?	
BEACON MANUFACTURER	Beacon manufacturer.	
BEACON MODEL	Beacon model.	
REGISTRATION	Name on beacon registration.	
INFORMATION	Text field for the addition of details surrounding an incident.	
COMMENTS	Additional comments provided by operator.	

Filtering the Record List (1)

To filter the Record List, click **Filter** on the Incident Database window. The word **Active** appears next to the Filter button to indicate that the Record List has been filtered.



The screenshot shows a dialog box titled "Filter Incident Records". The dialog has a blue background and a tan border. It contains the following elements:

- Filter By** section with checkboxes for:
 - ☐ Status: Pending ☐ Open ☐ Closed
 - ☐ Country
- ☐ Beacon ID PDS: [Text input field]
- CBC: [Text input field]
- ☐ Detection Date: [Date/Time input field] 1-DEC-2005 15:05:18.01
- To: [Date/Time input field] 2-DEC-2005 15:05:18.01
- Buttons: **Filter** and **Cancel**

Filtering the Record List (2)

To filter by Status:

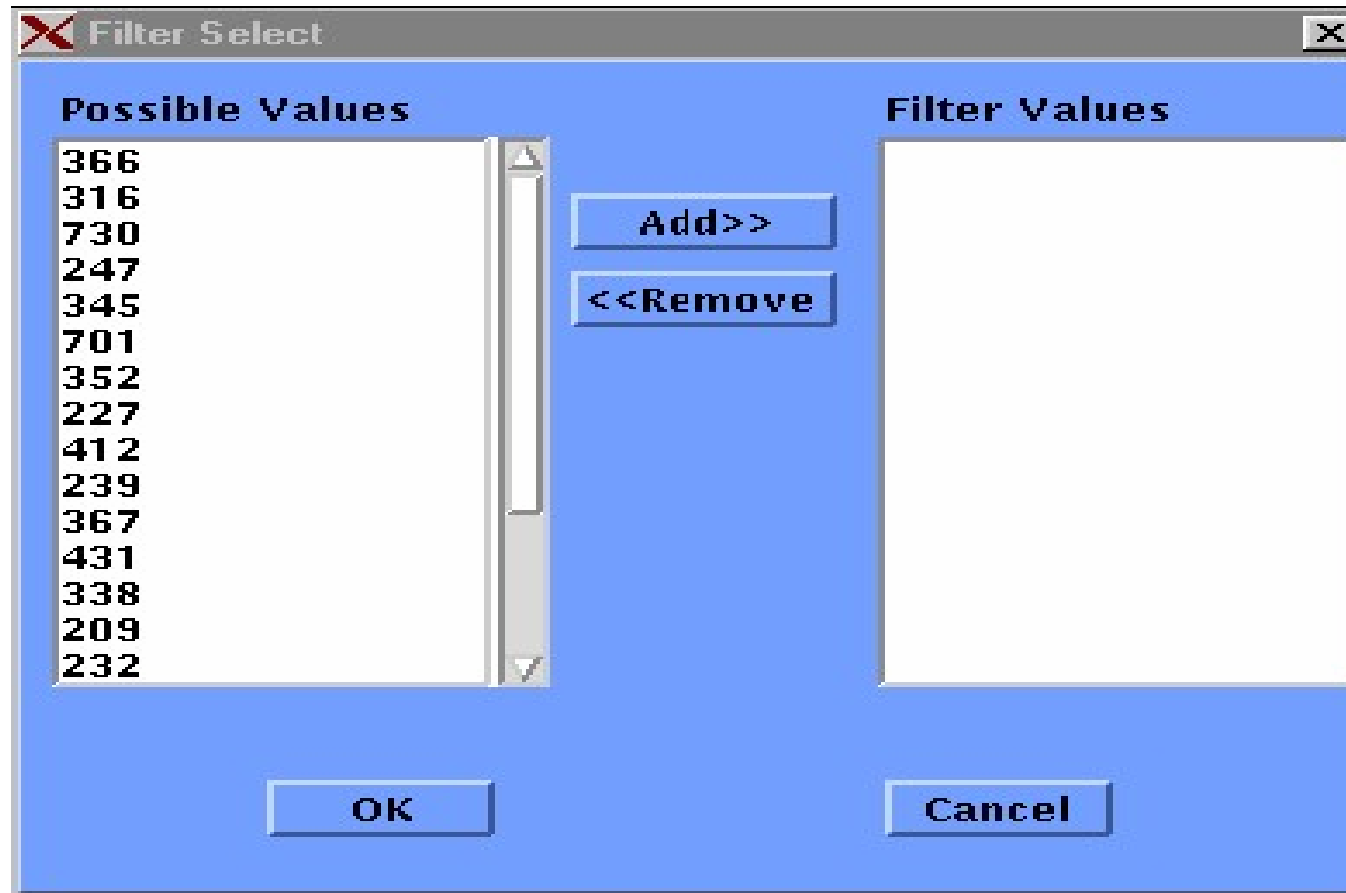
1. Click **Status**.
2. Select any combination of **Pending**, **Open**, and **Closed**.
3. Click **OK**.

To filter by Country (**Note**: For PDS only):

1. Click **Country**. The Filter Select form appears.
2. Select the country codes from the **Possible Values** section and click **Add** to add to the **Filter Values**.
Selected countries may be removed by selecting them in the Filter Values section and clicking **Remove**.
3. Click **OK**.

Filtering the Record List (3)

Filter: Country Selection



Filtering the Record List (4)

To filter by Beacon ID:

1. Click **Beacon ID**.
2. Enter the beacon ID in the **PDS** or **CBC** field. Partial beacon Ids may be entered.
3. Click **OK**.

To filter by Detection Date:

1. Click **Detection Date**.
2. Define the dates in the fields.
3. Click **OK**.

Filtering the Record List (5)

Record List after Filtering

Incident Database									
Display		Output		Pending Messages found for CBC					
eacon ID	Country		First Detection		Lat		Long		Status
2787810E2CFFBFF	316	CAN	1-NOV-2005	14:02:50.00	45	15 00N	73	30 00W	OPEN
278780C6F0FFBFF	316	CAN	2-NOV-2005	17:28:53.00					OPEN
2787801856FFBFF	316	CAN	2-NOV-2005	18:51:17.00	41	48 34N	92	48 53W	OPEN
A78D006AD842801	316	CAN	3-NOV-2005	04:03:41.00	43	12 38N	65	12 45W	OPEN
2787801B64FFBFF	316	CAN	4-NOV-2005	19:03:27.00	43	40 35N	79	37 35W	OPEN
A79F09F45C1283C	316	CAN	6-NOV-2005	14:15:36.00					OPEN
A79EEE24E329A2F	316	CAN	6-NOV-2005	15:43:09.00					OPEN
A786492EAF731	316	CAN	8-DEC-2005	20:46:10.00	44	29 37N	70	53 18W	OPEN
A78D00596040401	316	CAN	10-NOV-2005	14:43:57.00					OPEN
278780B1D0FFBFF	316	CAN	14-NOV-2005	08:18:12.00	4	00 00N	7	30 00E	OPEN
A78F09705CD28D1	316	CAN	15-NOV-2005	23:02:57.00					OPEN
2787802884FFBFF	316	CAN	16-NOV-2005	00:04:06.00	43	11 44N	79	45 49W	OPEN
279F217EB53E507	316	CAN	16-NOV-2005	08:45:56.00	6	43 59S	99	50 22W	OPEN
A78D01D72C54801	316	CAN	18-NOV-2005	01:31:36.00					OPEN
A78C4520880010D	316	CAN	22-NOV-2005	20:27:38.00					OPEN
A78C400618001F1	316	CAN	23-NOV-2005	02:03:01.00					OPEN

Filter

ACTIVE

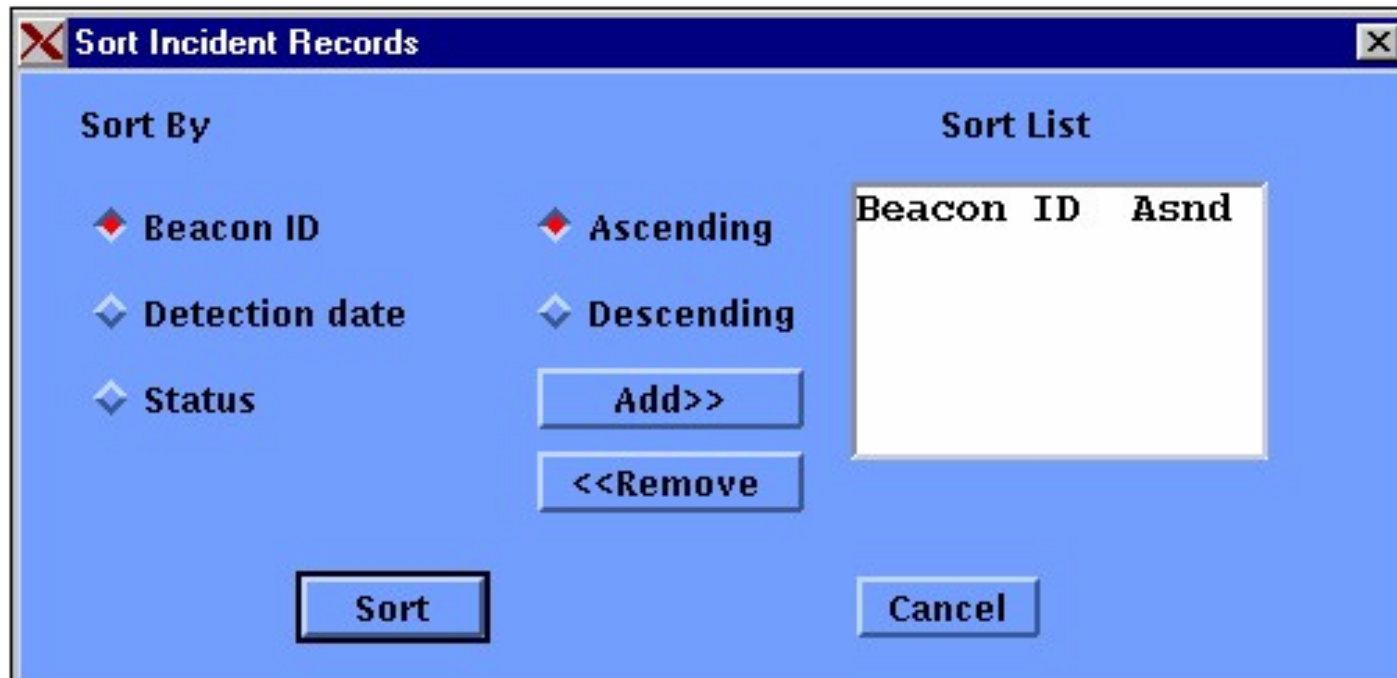
Sort

Deactivating the Filter Function

1. Clear the selected Status, Country, Beacon ID, or Detection Date field.
2. Click **Filter**.

Sorting the Record List (1)

To sort the Record List, click Sort on the Incident Database window.



Sorting the Record List (2)

To sort by Beacon ID:

1. Select **Beacon ID**.
2. Select **Ascending** or **Descending** for the sort order.
3. Click **Add** to add to the Sort List section.
4. Click **Sort**.

To sort by Detection Date:

1. Select **Detection date**.
2. Select **Ascending** or **Descending** for the sort order.
3. Click **Add** to add to the Sort List section.
4. Click **Sort**.

To sort by Status:

1. Selected **Status**.
2. Select **Ascending** or **Descending** for the sort order.
3. Click **Add** to add to the Sort List section.
4. Click **Sort**.

Deactivating the Sort Function

1. Select the sort selections from the Sort List and click **Remove**.
2. Click **Sort**.

Displaying PDS Incident Data with Open or Closed Status (1)

- On a PDS Incident Record List, click on an incident with Open or Closed status. The **Edit PDS Incident** window appears.
- Upper section displays the system generated data for the incident which cannot be modified.
- Lower section contains input fields, which can be edited.

PDS Incident Data with Open or Closed Status (2)

Edit PDS Incident

Save and Quit Cancel

Beacon ID: ADCE04CB9940801 Time of Incident: 23-NOV-2005 07:09:22.00
USA/SER/SUR 0078566 140 200/AH TCA: 23-NOV-2005 07:09:22.00
30 Hex ID: 56E70265CCA0400AC7750000000000 Beacon Country: USA

	A Side/Resolved	B Side	Encoded	Nearest Reference Point
Latitude:	43 59 45N	44 36 59N	N/A	UNKNOWN
Longitude:	69 06 54W	72 16 50W	N/A	250.00 Km

Status: Open Alert Type: Unknown

Closed Date: Reason for Accidental Alert:

Addressee: Incident Type:

Vehicle Type:

Location

Latitude: In SRR Region: Circumstances of Distress:

Longitude: Nature of Alert:

Number of Persons Involved: 0 Beacon Type: Unknown Auto Activated:

Number of Persons Rescued: 0 Beacon is Registered: Name:

COSPAS/SARSAT Assisted: Manufacturer:

Operator ID: 0 Model:

Comments Other Information

Displaying PDS Incident Data with Open or Closed Status (3)

1. Fill in the desired fields. (see Operators Guide, Table 9-2)
2. Click **Save and Quit** to save the data and close the window.
3. Click **Cancel** to close the window without saving any changes to the form

Displaying CBC Incident Data with Open or Closed Status (1)

- On a CBC Incident Record List, click on an incident with Open or Closed status. The **Edit CBC Incident** window appears.
- Upper section displays the system generated data for the incident which cannot be modified.
- Lower section contains input fields, which can be edited.

CBC Incident Data with Open or Closed Status (2)

Edit CBC Incident

Save and Quit Cancel

Beacon ID: 68327 69327 Time of Incident: 23-NOV-2005 13:45:04.00
TCA: 23-NOV-2005 13:45:04.00

Band: 243 Freq. Bias: -3810 B side Bias: -3758

A Side/Resolved B Side Nearest Reference Point

Latitude: 44 02 00N 37 15 38N Vaughan, Ontario, Canada
Longitude: 79 23 48W 46 19 22W 24.94 Km WSW

Status: Open Alert Type: Unknown

Closed Date: Reason for Accidental Alert:
Addressee: Incident Type:
Vehicle Type:

Location

Latitude: In SRR Region: Circumstances of Distress:
Longitude: Nature of Alert:

Number of Persons Involved: 0 Beacon Type: Unknown Auto Activated: ☐
Number of Persons Rescued: 0
COSPAS/SARSAT Assisted: ☐

Comments Operator ID: 0 Other Information

Displaying CBC Incident Data with Open or Closed Status (3)

1. Fill in the desired fields. (See Operators Guide, Table 9-2.)
2. Click **Save and Quit** to save the data and close the window.
3. Click **Cancel** to close the window without saving any changes to the form.

Working with CBC/PDS Incident Data with Pending Status (1)

Pending Status means that the system is not able to automatically match the new data record to an existing incident. This could be caused by conditions such as:

- Similar incident location being closed
- Multiple matching open incident
- Blown or conflicting solutions.

Under these circumstances the Operator must examine the available matches and select the “best match” or create a new incident.

This process is described in the following slides.

Working with CBC/PDS Incident Data with Pending Status (2)

Resolved CBC/PDS Match window displays data for an incident and its possible matching records. The window contains two sections.

- Upper section displays the data from the Pending record.
- Lower section displays the details of an existing record that is a possible match. The bottom of this window displays a list of possible matching records.

CBC Incident Data with Pending Status

Resolve CBC Match

Beacon ID: Time of Incident:
TCA:
Band: Freq. Bias: E side Bias:
A Side/Resolved E Side Nearest Reference Point
Latitude:
Longitude: Km

Beacon ID: Time of Incident:
Status: TCA:
Band: Freq. Bias: E side Bias:
A Side/Resolved E Side Nearest Reference Point
Latitude:
Longitude: Km

01518348 14-DEC-2005 01:43:44.00 41 58 23N 72 22 51W OPEN

PDS Incident Data with Pending Status

Resolve PDS Match

Beacon ID:	A79F09F45CD28A0		Time of Incident:	1-DEC-2005 15:36:18.00	
	CAN/TST EMS/044		TCA:	1-DEC-2005 20:26:41.00	
30 Hex ID:	53CF84FA2E69450613B08000000000		Beacon Country:	CANADA	

	A Side/Resolved	B Side	Encoded	Nearest Reference Point		
Latitude:	45 21 14N	N/A	N/A			
Longitude:	75 44 22W	N/A	N/A		Km	

Beacon ID:	A79F09F45CD28A0	Status:	Open	Time of Incident:	30-NOV-2005 19:08:16.00
	CAN/TST EMS/044			TCA:	1-DEC-2005 01:42:54.00
30 Hex ID:	53CF84FA2E69450613B08000000000	Beacon Country:	CANADA		

	A Side/Resolved	B Side	Encoded	Nearest Reference Point		
Latitude:	45 22 25N	N/A	N/A	Ottawa, Ontario, Canada		
Longitude:	75 44 31W	N/A	N/A	6.12	Km	NE

A79F09F45CD28A0 30-NOV-2005 19:08:16.00 45 22 25N 75 44 31W OPEN

Working with CBC/PDS Incident Data with Pending Status (2)

1. Select the desired band (e.g. CBC or PDS).
2. Click on an incident with Pending status. The **Resolve CBC Match** or **Resolve PDS Match** window appears. An example of the **Resolve PDS Match** window is shown below.
3. Click on the records at the bottom part of the lower section to compare the records with the record in the upper section.
For CBC record, use the frequency and bands for the comparison; and for PDS, use the Beacon IDs and 30 Hex IDs.

Working with CBC/PDS Incident Data with Pending Status (3)

4. Based on the result of your comparison, highlight the record and select one of the following:
 - **Update Selected Match** to use the new record to update the selected existing incident record.
 - **Suppress New Data** to prevent the new record from being used to update any existing incident records.
 - **Make New Incident** to save the new record as a new incident. Both incidents will remain in the database.
 - **Cancel Button** to close the form without saving any changes.

Exiting Incident Database

1. Select **Display**.
2. Click **Exit**.

PDS ID	Country	First Detection	Lat	Long	Status
10E2CFFBFF	316 CAN	1-NOV-2005 14:02:50.00	45 15 00N	73 30 00W	OPEN
0C6F0FFBFF	316 CAN	2-NOV-2005 17:28:53.00			OPEN
2787801856FFBFF	316 CAN	2-NOV-2005 18:51:17.00	41 48 34N	92 48 53W	OPEN
A78D006AD842801	316 CAN	3-NOV-2005 04:03:41.00	43 12 38N	65 12 45W	OPEN
2787801B64FFBFF	316 CAN	4-NOV-2005 19:03:27.00	43 40 35N	79 37 35W	OPEN
A79F09F45C1283C	316 CAN	6-NOV-2005 14:15:36.00			OPEN
A79EEE24E329A2F	316 CAN	6-NOV-2005 15:43:09.00			OPEN
A786492EAFAA731	316 CAN	8-DEC-2005 20:46:10.00	44 29 37N	70 53 18W	OPEN
A78D00596040401	316 CAN	10-NOV-2005 14:43:57.00			OPEN
278780B1D0FFBFF	316 CAN	14-NOV-2005 08:18:12.00	4 00 00N	7 30 00E	OPEN
A78F09705CD28D1	316 CAN	15-NOV-2005 23:02:57.00			OPEN
2787802884FFBFF	316 CAN	16-NOV-2005 00:04:06.00	43 11 44N	79 45 49W	OPEN
279F217EB53E507	316 CAN	16-NOV-2005 08:45:56.00	6 43 59S	99 50 22W	OPEN
A78D01D72C54801	316 CAN	18-NOV-2005 01:31:36.00			OPEN
A78C4520880010D	316 CAN	22-NOV-2005 20:27:38.00			OPEN
A78C400618001F1	316 CAN	23-NOV-2005 02:03:01.00			OPEN