

# RMIS Web Site User Manual

March 2006

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## Section 1. Introduction

This manual is intended for users of the Regional Mark Information System (RMIS) Web site operated by the Pacific States Marine Fisheries Commission (PSMFC).

### Definitions

The "PSC Format V4.0 Specification" document contains a list of definitions that are used throughout the Regional Mark Information System (RMIS). Please read that document and learn the various definitions so that you can more effectively use the RMIS Web site and analyze your data more decisively.

The following terms are used throughout this manual and are described here for reference.

**Browser Delivery** : An alternate method for delivery of report output. Suitable for small result sets and reports that run quickly.

**CE** : The Catch & Effort database. Contains the Catch & Effort and Location data defined in the "PSC Format V4.0 Specification".

**CSV Report** : A report in comma-separated-value (CSV) format. The first record of a CSV report contains comma-separated field names (example: record\_code,format\_version,submission\_date,reporting\_agency), and all subsequent records hold comma-separated data (example: "T","4.0","20021202","CDFO"). CSV report files can be imported into many popular personal computer database and spreadsheet programs.

**CSV/HTM Data Field Chooser** : A window that allows you to choose which data fields to include in your CSV or HTM report by clicking on PSC Common Names as described in the "PSC Format V4.0 Specification".

**CWT** : The Coded Wire Tag database. Contains the Release, Recovery, Catch/Sample, and Location data defined in the "PSC Format V4.0 Specification".

**Database** : A collection of related information and their definitions.

**Email Delivery** : The default method for delivery of report output. Preferable for large result sets that take a long time to run or that produce large amounts of output.

**HTM Report** : A report in Hyper-Text Markup Language (HTML) format. HTM reports can be displayed as tables in a Web browser and can be imported into many popular personal computer database and spreadsheet programs.

**Key Field** : A field on a Recovery Query Form that corresponds to an indexed column on the recovery table in the CWT database. Every recovery query must have at least one key field filled in.

**Pop-up Window** : A window that open in your Web browser when you click on a link or a button on the RMIS Web site. Pop-up windows are displayed above the main RMIS window and they must be closed in order to return to the underlying window. Two uses of pop-up windows in RMIS are to display help messages and to display forms that allow the user to click on checkboxes to select PSC codes when using a Query Form.

**Preview Window** : A separate browser window in which you can preview the result set returned by your query prior to running a report.

**Query Form** : A Query Form is a set of parameters that identifies what data you want reported. Queries serve to restrict the amount of data retrieved from the database when a report is run.

**RMIS** : The Web site that is used to create queries and run reports using data contained in the CWT and CE databases.

**RMPC** : Regional Mark Processing Center, The Pacific States Marine Fisheries office that provides for the planning, organization, direction and control of the centralized CWT data repository at the direction of the Pacific Salmon Commission.

**Tag List** : A tag list is a list of up to 1,000 tag codes. Tag lists are used in the Recoveries by Tag List Query Form, which is optimized for quick retrieval of recovery data from large tag lists.

**Wild Card Searches** : Searching for character string patterns within fields of character data. The most useful example of this is searching by location name when you don't know the exact spelling of the name. If you know that the location name starts with HOH but you're not sure what comes after that, you can enter HOH% in the location name field to search for all location names that start with HOH. Or you can enter %HOH% to search for all location names that contain HOH anywhere in the name.

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## Section 2. Hardware and Software Requirements

You need to have the following in order to use the RMIS Web site.

1. Operating System: Windows (2000/XP), Mac (OS X), Linux (RedHat/Fedora)
2. Web browser: Internet Explorer 6, Firefox 1.5, Netscape 7 or higher
3. Browser setting: JavaScript is required and session cookies must be enabled
4. Screen resolution: 1024 by 768 pixels or higher

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## Section 3. Overview

The Pacific States Marine Fisheries Commission hosts the Regional Mark Processing Center (RMPC). This office provides for the management of the centralized data repository for Coded Wire Tag data.

The Coded Wire Tag (CWT) Database is designed to house information relating to the release, sample, and recovery of coded-wire tagged salmonids throughout the Pacific region. These data flow to the PSMFC in the form of Pacific Salmon Commission (PSC) format datasets sent by reporting agencies and must meet stringent validation criteria for inclusion in the permanent database. The RMIS Web site described in this manual is the means by which you may extract CWT data from this database.

Users of the RMIS Web site must be familiar with the document named "PSC Format V4.0 Specification". It is very important that users of CWT data understand the information contained in this document in order to perform conclusive, accurate and responsible analysis of these data. If you do not have a copy of this document you may download an electronic copy in Microsoft Word format at the following URL.

[===== PSC\\_V40\\_Specification.doc =====](#)

There are four main classes of CWT data: Release, Catch/Sample, Recovery, and Location. These classes of data are described below.

### Release

When a group of fish is released from a hatchery or other release location containing any number of coded-wire tagged fish, the group is associated with a unique coastwide Tag Code. Any pertinent information regarding the release group is submitted to the coordinating state, provincial, or federal agency (i.e. Reporting Agency). That agency in turn submits the information to the PSMFC. This information is known as Release data.

When groups of fish are released without coded-wire tagged fish present, the release group is called a non-associated group. Any pertinent information regarding the release group is also submitted to the coordinating state, provincial, or federal agency where it is assigned a 12 character alpha-numeric identifier. This information is likewise submitted to the PSMFC. As of March 2006 there were 40,544 tagged release groups and 87,934 non-associated release groups in the database. Tagged release groups are identified in the CWT database as Record Code "T" and non-associated release groups are identified as Record Code "N".

### Catch/Sample

Tagged fish are sampled at various commercial, recreational, and escapement fisheries coastwide by sampling agencies. These agencies usually record the sampling area, number caught, percent of catch that was sampled, and related information. This information is called Catch/Sample data and is collected and submitted to the PSMFC on a yearly basis by Reporting Agencies. As of March 2006 there were 1274,614 Catch/Sample records in the database.

### Recovery

When tags are removed from fish and decoded, the tag code, specific location of catch, date of catch, fishery, and related biological data are recorded. Where possible, the ratio of the number of fish sampled to the total catch is multiplied by the total number of tags extracted to form the Estimated Number of fish. These data are assembled by the Reporting Agency and are called Recovery data. These data are submitted to the PSMFC on a yearly basis along with Catch/Sample data. Individual recovery records correspond to one observed (decoded) tag.

Each recovery record has an associated "tag status" . This status is coded as follows:

1. Tag read OK
2. No tag
3. Tag lost before read
4. Tag not readable
7. Unresolved discrepancy
8. Head not processed
9. Pseudo tag, blank wire

Most of the recovery reports in RMIS include only recoveries with a status of "1" (Tag read OK). In addition to passing rigorous validation tests, the status "1" recoveries must match by tag code with a tagged release group. As of March 2006 there were 4,897,735 status "1" recovery records in the database.

Recoveries with a status other than "1" are only available in a few recovery reports, including PSC and CSV formats. As of March 2006 there were 1,187,187 non-status "1" recoveries in the database.

Use of the term "recoveries" in this manual refers only to status "1" recoveries unless explicitly stated otherwise.

## Location

The geographic locations of release, sample, and specific recovery of fish are also assembled by the Reporting Agency. Collectively, these are called Location data and are submitted to the PSMFC along with all other classes of data.

There are five types of locations. Within each type of location, the location record is uniquely identified coastwide by a 19 character Location Code. That code is associated with a textual description of the location. As of March 2006 there are 31,438 locations in the database.

The five types of locations are described as follows:

1. **Recovery Location** : Recovery locations indicate as closely as possible the actual geographic place where a tagged fish was caught. They are usually specified within larger Catch locations in the sampling stratum. This type of location is found only in Recovery data.
2. **Catch Location** : Catch locations correspond to geographic areas where sampling occurred for a given fishery. They may encompass several recovery locations. This type of location is found only in Catch/Sample data.
3. **Hatchery Location** : Hatchery locations specify the name of the hatchery or rearing facility for non-wild release groups. This type of location is found only in Release data.
4. **Release Location** : Release locations specify the geographic release location of the release group. It may differ from the hatchery location. This type of location is found only in Release data.
5. **Stock Location** : Stock locations differ from all other locations in that they identify the brood stock or morphology of a release group rather than a geographic location. Stocks usually correspond to the name of a stream reach but may be combined if the stock was mixed. This type of location is found only in Release data.

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## Section 4. Using the RMIS Web site

This section describes the top-level menus in the RMIS Web site and outlines how to use an RMIS Query Form to create a query and retrieve records from the database.



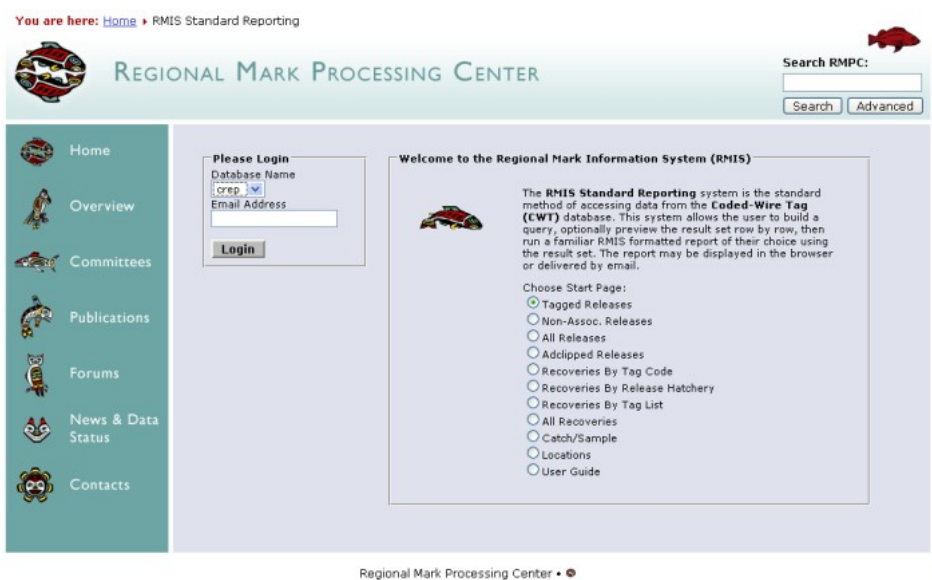
**Figure 1: RMIS Home Page**

The initial page of the RMIS Web site contains three Reporting System options and six other options that can be selected depending on what you want to do. The three Reporting System options represented as icons at the bottom of the page are:

1. **RMIS Standard Reporting** : Run reports using the CWT database
2. **RMIS Catch & Effort Reporting** : Run reports using the CE database
3. **RMIS Analysis Reporting** : Run CWT Analysis and Management Fishery Analysis reports

The six other options represented as links on the left side of the page are:

1. **Overview** : RMPC Introduction, CWT Program Overview, and RMPC Gallery
2. **Committees** : Pacific Salmon Commission and Regional Mark Committee
3. **Publications** : Documents Published by the RMPC
4. **Forums** : Pacific Salmon Commission Discussion Forums
5. **News & Data Status** : View data descriptions and status of data loads in the CWT and CE databases



**Figure 2: RMIS Login page**

From the RMIS Home Page clicking on either the RMIS Standard Reporting icon or the RMIS Catch & Effort icon leads to the RMIS Login page. The contents of this page are determined by which database you chose, but for the purposes of this user manual the CWT database will be used as an example. Here are the start pages available on the RMIS Login page:

1. **Tagged Releases (Record Code T only)** : Search for Release groups containing coded-wire tagged fish
2. **Non-Associated Releases (Record Code N only)** : Search for Release groups not containing any coded-wire tagged fish
3. **All Releases (Tagged and Non-Associated)** : Search for all release groups regardless of whether they contain coded-wire tagged fish
4. **Adclipped Releases** : For reporting on ad-clipped and unclipped releases
5. **Recoveries by Tag Code (Tag Status 1 only, limit 180 tags)** : Choose this option if you want to search for recoveries by specific tag codes or other Recovery fields
6. **Recoveries by Hatchery (Tag Status 1 only)** : Choose this option if you want to search for recoveries by hatchery or other Release fields
7. **All Recoveries (Tag Status 1-9, limit 180 tags)** : Choose this option if you want to search for recoveries with tag status other than 1 (Tag read OK)
8. **Recoveries by Tag List (Tag Status 1-9, up to 1000 tags)** : Choose this option if you want to search for recoveries by specific tag codes and the number of tag codes in your search is large
9. **Catch/Sample** : Search for all Catch/Sample records
10. **Location Codes** : Search for all Location records

To login, enter your email address and click on the Login button. The first time you login you'll need to verify that you want to create a new account, and then on subsequent logins your email address will be recognized as an existing user. After you click the Login button you'll have full access to all of the RMIS Reporting systems until you either logout or close your browser.

You are here: [Home](#) > RMIS Standard Reporting

**Releases : Query Form** [Help](#)

Enter query criteria in boxes below and click on Retrieve button; Click on field names above boxes for help

Record Code	Tag Code or Release ID	Tag Type	Species	Run	Brood Year	Last Release Date Year	Release Agency	Study Type	Release Stage	Rearing Type	Reporting Agency	Release Location State/Prov
T												

Release Location PSC Basin	Release Location Name	Hatchery Location Name	Stock Location Name	Mark Codes

Release Location PSC Basin	Release Location Code	Hatchery Location Code	Stock Location Code

**Retrieve** Options:  Params

**Logged in**  
 Database Name: crep  
 Email Address: steverot@hotmail.com  
 Logout

**Releases**  
[Tagged Releases](#)  
[Non-Assoc. Releases](#)  
[All Releases](#)  
[Adopted Releases](#)

**Recoveries**  
[By Tag Code](#)  
[By Release Hatchery](#)  
[By Tag List](#)  
[All Recoveries](#)

**Other**  
[Catch/Sample Locations](#)

**Help**  
[User Guide](#)

**Figure 3: RMIS Query Form**

From the RMIS Login page clicking on Login button leads to the RMIS Query Form. The contents of the Query Form are determined by which type of CWT data you choose, but the Query Forms all have the same general structure. The lefthand column of the Query Form is a menu of links that allow you to navigate between different types of CWT data. The top line of the Query Form identifies the type of CWT data being queried. Beneath that are three rows of fields that you can use to build your query. Each field consists of a name and a box. You can click on the name to display a pop-up window for help in filling in the box, or you can type the desired PSC codes directly into the box. In general you can type as many codes as you want into each box, but each code must be on a separate line. The bottom line of the Query Form contains a Retrieve button -- click on the button to run the query and see how many matching records it finds in the database.

## Section 5. Running Reports

After you have created a query and successfully retrieved records from the database you can run a report and have the report results delivered to your email inbox or view the report results in your Web browser.

You are here: [Home](#) > [RMIS Standard Reporting](#) > Query Results

**Releases : Query Results**

Results: 10 rows found for your query **Preview** Click Preview button to view the rows in a pop-up window

**Choose Report:**  
 RMPC Release book, side A (RBA) [Help](#)

**Send To:**  
 Email Description (optional):   
 Browser

**Options:**  MS-Windows record delimiter for CSV/PSC  End of report indicator  Params  
**Run** Choose a report format and a "Send To" and click Run button to run report

**CSV/HTML Data Field Chooser** [Help](#)  
 If you are running a CSV or HTML report, you also need to choose the data fields to include in the report. To choose individual data fields click on one or more of the PSC Common Names below and then click the > button. To choose all data fields click the >> button. The PSC's button works just like >> except it excludes non-PSC data fields. To remove all data fields you've chosen and start over click the << button. To paste a list of data field names from your PC click the User List button.

PSC Common Names	Common Names chosen	Data Fields chosen
[PSC] Record Code		
[PSC] Format Version		
[PSC] Submission Date		
[PSC] Reporting Agency		
[PSC] Release Agency		
[PSC] Coordinator		
[PSC] Tag Code Or Release ID		
[PSC] Tag Type		
[PSC] First Sequential Number		
[PSC] Last Sequential Number		
[PSC] Related Group Type		
[PSC] Related Group Id		
[PSC] Species		
[PSC] Run		
[PSC] Brood Year		
[PSC] First Release Date		
[PSC] Last Release Date		

**Figure 4: RMIS Query Results**

There are three required steps to run a report, and two additional steps depending on the type of report and whether you want to preview the data before running the report. Here are the required steps for all reports.

1. **Choose Report** : Choose a report format from the pull-down menu.
2. **Send To** : Choose a delivery method for the report output (Email or Browser)

3. **Run** : Click on the Run button

And here are the two additional steps.

1. **Preview** : If you would like to preview the data returned by your query before running the report click on the Preview button
2. **CSV/HTM Data Field Chooser** : If you are running a CSV or HTM report you must choose the data fields to include in the report

These steps are described in more detail in the tutorial sections later in this manual. There is also context sensitive on-line help available on the RMIS Query Results page which can be displayed by clicking on the Help icons.

Appendix A through Appendix H list the report formats available for each type of query form and show example report output.

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## Section 6. Tutorial: Running a Release Report

This example will show how to run a Release report using a wild card search. Starting from the RMIS Home Page select "RMIS Standard Reporting", then select "Tagged Releases" to display the Releases Query Form.

### Build a Release Query

The Query Form allows you to enter values in any or all of the fields to restrict the number of Releases that will be reported. For the purposes of this example, we will use a wild card search to build a query that will report Release data from all release locations whose name begins with the word HOH.

1. Click in the box beneath the field name "Release Location Name".
2. Type HOH% in the box. (The % is a wild card character.)

Note About Wild Card Searches: Many character fields in the RMIS Query Forms allow "wild card" searches for matching patterns of characters within the field rather than matching the full field value. To perform a wild card search, type the initial part of the pattern, followed by the % pattern matching character. For example, to match all release location names that start with the word PHOH, type HOH%.

### Retrieve and Display Query Results

1. Click on the Retrieve button at the bottom of the Query Form. This should display the Query Results window which tells you how many rows were found for your query.
2. If you would like to preview the rows returned by your query prior to running a report, click on the Preview button.

Note About the Preview Window: The Preview Windows allows you to page through the result set returned by your query using Next and Previous buttons. It displays actual rows of data from the CWT database in HTML table format. In the case where there are less than 20 rows returned by your query the Next and Previous buttons aren't displayed. If you want to see the SQL SELECT statement generated by your query click on the Show SQL button. When you are done with the Preview Window click the Close Preview button to return to the Query Results page.

### Run a Report

1. Choose a report to run by clicking on the "Choose Report:" pulldown menu and then clicking on the report named "RMPC Release book, side A (RBA)".
2. Choose a delivery method for your report by clicking on the "Browser" radio button in the "Send To:" box.
3. Click on the Run button to start the report. Depending on which Web browser you're using you may see the cursor turn into an hourglass or you may see a status message at the top or the bottom of the browser window while the report is running.
4. When the report is done it will be displayed in your browser window. You can read the report in your browser window, or you can select the data in the browser window and copy & paste it into another program, or you can save the data in the browser window to a file on your PC. When you are done with the report click on one of the buttons at the top of the browser window to return to either the Query Results page or the Query Form page.

This concludes the example of running a Release report. Reports for the other type of PSC data can be run in a similar manner.

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## Section 7. Tutorial: Running a Recovery Report

This example will show how to run a Recovery report using a key field search and a pop-up window. Starting from the RMIS Home Page select "RMIS Standard Reporting", then select "Recoveries by Tag Code" to display the Recoveries by Tag Code Query Form.

### Build a Recovery Query

For the purposes of this example, we will use a tag code search to build a query that will report Recovery data for four tag codes from the Ambrose Ponds hatchery that were released in 1987-1988 and recovered in 1988-1991.

1. Click in the box beneath the field name "Tag Code (key)".

**Note About Key Fields:** Because there are over 5 million recovery records in the CWT database it's necessary to use indexes to achieve acceptable performance when retrieving recovery records. The indexes are represented on the recovery Query Form by "key" fields, and the rule is that every recovery query must include at least one key field. If you neglect to enter a value in at least one key field RMIS will display a warning message when you try to retrieve the query results.

2. Type these four tag codes on separate lines: 065630, 065631, 065633, and 066147. Press the [Enter] key after each tag code to move the cursor to the next line.
3. Click on the field name "Recovery Year (key)". Each field name is a link to a pop-up window that helps you construct your query.
4. In the "Begin:" pulldown menu select 1988, and in the "End:" pulldown menu select 1991. Then click the Close button which will return you to the Query Form and you'll see the years 1988, 1989, 1990, and 1991 in the "Recovery Year (key)" box.

**Note Pop-Up Windows:** Every field name on every RMIS query form has a context-sensitive pop-up window. In the case of fields with defined PSC codes, the pop-up window will display the codes and associated descriptions and you can click on checkboxes to select the desired codes. In the case of year fields, the pop-up window lets you choose the begin and end years and then fills in the intervening years. In the case of location fields, the pop-up window displays the top level of the geographic hierarchy of locations and lets you navigate down the levels of the hierarchy to find the desired location codes or location names or PSC basins or PSC regions.

### **Retrieve and Display Query Results**

1. Click on the Retrieve button at the bottom of the Query Form. This should display the Query Results window which tells you how many rows were found for your query.
2. If you would like to preview the rows returned by your query prior to running a report, click on the Preview button.

### **Run a Report**

1. Choose a report to run by clicking on the "Choose Report:" pulldown menu and then clicking on the report named "Tag Summary by Recovery Year, Fishery (TS1-Rec)".
2. Choose a delivery method for your report by clicking on the "Browser" radio button in the "Send To:" box.
3. Click on the Run button to start the report.
4. When the report is done it will be displayed in your browser window.

This concludes the example of running a Recovery report.

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## **Section 8. Tutorial: Running a CSV Report With Email Delivery**

This example will show how to run a Location report producing an ASCII comma-separated-value output file and having it delivered via email. Starting from the RMIS Home Page select "RMIS Standard Reporting", then select "Location Codes" to display the Locations Query Form.

### **Build a Location Query**

For the purposes of this example, we will use a simple search to build a query that will report all Location data for one reporting agency.

1. Click in the box beneath the field name "Reporting Agency".
2. Type IDFG in the box.

### **Retrieve and Display Query Results**

1. Click on the Retrieve button at the bottom of the Query Form. This should display the Query Results window which tells you how many rows were found for your query.
2. If you would like to preview the rows returned by your query prior to running a report, click on the Preview button.

### **Run a Report**

1. Choose a report to run by clicking on the "Choose Report:" pulldown menu and then clicking on the report named "Comma-Separated Values custom file (CSV)".
2. Choose a delivery method for your report by clicking on the "Email" radio button in the "Send To:" box.

3. Click in the "Description:" field and type TESTING.
4. Scroll to the bottom of the Web page so you can see the entire section titled "CSV/HTM Data Field Chooser". In the left-hand box click on the line "[PSC] Location Code" and then click on the ">" button, which will put "location\_code" on the first line in the right-hand box. In the left-hand box click on the line "[PSC] Location Type" and then click on the ">" button, which will put "location\_type" on the second line in the right-hand box. In the left-hand box click on the line "[PSC] Name" and then click on the ">" button, which will put "name" on the third line in the right-hand box.
5. Click on the Run button to start the report.
6. When the report starts running an Email Notification message will be displayed in your browser window.

Note About Email Delivery: The advantage of using Email delivery for RMIS reports is that you don't have to wait for the report to complete, you can continue working on other tasks in your browser window while the report is running on the server. Email delivery isn't limited to CSV reports, it can be used with any RMIS report, and it is particularly advantageous with large result sets that take a long time to run or that produce large amounts of output.

7. When the report is done you will receive an email message from [rmpc.admin@psmfc.org](mailto:rmpc.admin@psmfc.org). The subject of the email message will identify the type of report, in this case it will say "Locations CSV report from RMPC website". Open the email message and you will see the description TESTING at the top of the message followed by two links that allow you to download the report output file in either text or zip format. The message tells you how large the two files are to help you decide which format to download. The zip file will download faster, but it will need to be unzipped after the download using a program like WinZip. After you decide which format to download, click on the appropriate link to start the download. The actual download steps will vary depending on which email program you're using, but most programs should allow you to save the file to a directory of your choice on your PC's local disk.

8. After you have successfully downloaded the CSV file to your disk, you can import it into any personal computer program that can read CSV files. For example, it can be imported into a Microsoft Excel spreadsheet or a Microsoft Access database table.

Note About HTM Reports: Like CSV reports, HTM reports allow you to create custom output files that can be easily imported into Excel and Access. The major difference between CSV and HTM reports is that HTM report data is written in HTML table format which is easier to view in a Web browser window.

This concludes the example of running a CSV report with email delivery.

## Section 9. Data Status

In addition to the RMIS Query System that provides access to Release, Recovery, Catch/Sample and Location data, there are a set of RMIS Data Status pages that provide descriptions and load dates for the datasets in the CWT database. You can get to the RMIS Data Status Menu by clicking on the "News & Data Status" link on the left side of the RMIS Home Page.

You are here: [Home](#) + [News and Data Status](#)

REGIONAL MARK PROCESSING CENTER

Search RMPC:

Home  
Overview  
Committees  
Publications  
Forums  
News & Data Status  
Contacts

**Current News and Data Status**

LATEST NEWS from the RMPC:

Data File	Dataset Descriptions	Dataset Load Dates
<a href="#">RELEASES</a>	<a href="#">Release</a>	<a href="#">Release</a>
<a href="#">RECOVERIES</a>	<a href="#">Recovery</a>	<a href="#">Recovery</a>
<a href="#">CATCH/SAMPLES</a>	<a href="#">Catch/Sample</a>	<a href="#">Catch/Sample</a>
<a href="#">LOCATIONS</a>	<a href="#">Location</a>	<a href="#">Location</a>
<a href="#">CATCH &amp; EFFORT</a>	<a href="#">Catch &amp; Effort</a>	<a href="#">Catch &amp; Effort</a>

Figure 5: RMIS Data Status Menu

The Data Status Menu is a table with Dataset Descriptions in the first column and Dataset Load Dates in the second column. The rows of the table are the five types of data available: Release, Recovery, Catch/Sample, Location and Catch & Effort. Clicking on one of the links in the Dataset Descriptions column displays the Data Descriptions summary page.

You are here: [Home](#) > [News & Data Status](#) > Dataset Descriptions

### Descriptions of Recovery Data

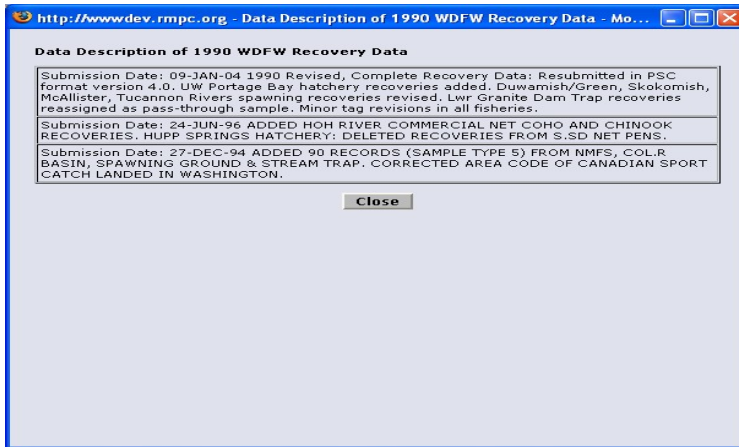
From CWT Description Data files submitted to RMPC  
By Run Year and Reporting Agency as of Sat Mar 11 22:07:26 2006

Process status:	Submission Status:	File Status:	Explanation:
<span style="background-color: yellow;"> </span> = Partially validated	N = New	I = Incomplete	Help
<span style="background-color: green;"> </span> = Fully validated/not yet available	R = Resubmitted	C = Complete	
<span style="background-color: black;"> </span> = Fully validated and available			

Year	ADFG	CDFG	CDFD	FWS	IDFG	NIFC	NMFS	ODFW	QDNR	WDFW	Year
2005											2005
2004		N/C		R/I	R/C	N/I	R/C	R/C		R/I	2004
2003		R/C	R/C	R/I	R/C	N/I	R/C	R/C		R/I	2003
2002		N/C	R/C	R/I	R/C	R/C	R/C	N/C		R/I	2002
2001		N/C	R/C	R/I	R/C	N/C	R/C	N/C		R/C	2001
2000	N/C	R/C	R/C	R/I	R/C	N/C	R/C	N/C		R/C	2000
1999	R/C		R/C	N/I	R/C		R/C	R/C		R/C	1999
1998	R/C		R/C	N/I	R/C	N/C	R/C	R/C		R/C	1998
1997	R/C	R/C	R/I	N/I	R/C	N/C	R/C	R/C	N/I	R/C	1997
1996	R/C	N/C	R/C	R/C	R/C	R/C	R/C	R/C	N/C	R/C	1996
1995	R/C	R/C	R/C	R/C	R/C	R/C	R/C	R/C	N/C	R/C	1995
1994	R/C		R/C	R/C	R/C	R/C	N/C	R/C	R/C	R/C	1994
1993			R/C	R/C	R/C	R/C	R/C	R/C		R/C	1993
1992			R/C	R/C	R/C	R/C	R/C	R/C		R/C	1992
1991			R/C	R/C		R/C	N/C	R/C		R/C	1991
1990			R/C	R/C		R/C		R/C		R/C	1990
1989			R/C	R/C		R/C	R/C	R/C		R/C	1989
1988			R/C	R/C		R/C	N/C	R/C		R/C	1988
1987			R/C	R/C		R/C		R/C		R/C	1987

**Figure 6: RMIS Data Descriptions summary**

The Data Descriptions summary page is a table with one column for each reporting agency and rows that vary depending on the type of data being displayed. For Release and Location data there is only one row, and for Recovery and Catch/Sample data there is a row for each year. The legend above the table describes the meaning of the colors in the cells and the labels on the buttons. Clicking on a button in one of the cells displays a pop-up Data Descriptions detail window.



**Figure 7: RMIS Data Descriptions detail**

The Data Descriptions detail pop-up window displays the descriptions submitted by the reporting agency for a particular dataset, as described in the Description section of the "PSC Format V4.0 Specification" document. Descriptions are sorted by Submission date with the most recent submission on top.

Going back to the RMIS Data Status Menu, clicking on one of the links in the Dataset Load Dates column displays the Load Dates summary page.

You are here: [Home](#) > [News & Data Status](#) > Dataset Load Dates

### Load Dates of Recovery Data

From CWT Database Load Logs  
By Run Year and Reporting Agency as of Sat Mar 11 22:10:35 2006

**Process status:**

■ = Partially validated

■ = Fully validated/not yet available

■ = Fully validated and available

**Explanation:**

ⓘ Help

Year	ADFG	CDFG	CDFO	FWS	IDFG	NIFC	NMFS	ODFW	QDNR	WDFW	Year
2005	2006/01/31	2006/01/31	2006/03/09			2006/03/02	2006/01/27	2006/01/13		2006/02/24	2005
2004	2005/04/29	2005/01/21	2006/01/27	2005/08/03	2005/11/29	2006/03/03	2006/01/27	2006/01/04	2006/01/17	2005/12/29	2004
2003	2004/09/13	2004/01/27	2005/11/18	2004/07/23	2005/11/17	2005/01/18	2006/01/27	2005/12/27	2005/01/10	2004/12/07	2003
2002	2003/07/18	2004/01/27	2005/11/18	2004/05/21	2005/11/22	2005/07/27	2006/02/01	2005/03/17	2004/01/15	2005/06/15	2002
2001	2003/07/18	2003/01/16	2004/06/24	2006/01/05	2005/11/17	2004/02/06	2006/01/27	2005/03/24	2005/10/04	2005/06/23	2001
2000	2003/07/18	2002/03/26	2004/02/23	2001/12/05	2005/11/17	2002/01/30	2006/02/01	2005/03/31	2005/12/30	2004/06/15	2000
1999	2002/09/12	2001/02/28	2002/09/19	2000/11/21	2005/11/22	2001/02/26	2006/02/01	2005/01/27	2002/09/18	2004/05/06	1999
1998	2002/09/13	1999/11/30	2002/09/19	2000/05/12	2005/11/17	2000/02/07	2006/02/01	2001/07/31	2002/12/03	2004/05/10	1998
1997	2002/09/13	2000/07/13	2002/09/19	2002/09/24	2005/11/17	1999/03/18	2006/01/13	2001/07/26	1999/02/22	2002/10/03	1997
1996	2002/09/13	2001/04/12	2002/09/19	2003/09/04	1999/05/28	1998/02/11	2006/02/01	1999/10/14	1999/01/28	2002/12/17	1996
1995	2002/09/12	1997/01/14	2002/09/18	2003/09/04	1999/05/28	1998/03/31	2006/01/13	1996/08/26	1998/10/27	2003/01/22	1995
1994	2002/09/12	1995/12/05	2002/09/19	2003/05/29	1999/05/28	1998/03/31	2006/01/13	1995/10/10	1996/08/07	2003/03/17	1994
1993	2002/09/11	1994/08/31	2002/09/18	1997/07/25	1999/05/28	1998/04/02	2006/01/27	2001/04/12	1994/12/29	2004/01/05	1993
1992	2002/09/12	1993/10/01	2002/09/19	2003/08/17	1999/05/28	1998/03/31	2006/02/01	1994/10/28	1994/12/29	2004/01/05	1992
1991	2002/09/11	1992/12/27	2002/09/18	2003/08/17	1992/09/03	1998/03/31	2006/01/13	1994/10/28	1993/07/16	2004/01/12	1991
1990	2002/09/11	1992/12/27	2002/09/19	2003/08/17	1992/09/02	1998/03/31	2006/01/13	1995/02/06	1993/07/16	2004/01/12	1990
1989	2002/09/06	1992/12/26	2002/09/19	2003/08/17	1992/09/02	1998/04/02	2006/01/27	1994/10/31	1993/07/16	2004/01/12	1989
1988	2002/09/06	1992/07/07	2002/09/19	2003/08/17	1992/09/02	1998/04/02	2006/01/27	1994/10/31	1993/07/16	2004/02/10	1988
1987	2002/09/06	1992/06/25	2002/09/24	2003/08/17	1992/09/02	1998/03/31	2006/01/27	1994/11/01	1993/07/16	2004/01/16	1987

Figure 8: RMIS Load Dates summary

The Load Dates summary page is a table with one column for each reporting agency and rows that vary depending on the type of data being displayed. For Release and Location data there is only one row, and for Recovery and Catch/Sample data there is a row for each year. The legend above the table describes the meaning of the colors in the cells. The labels on the buttons show the most recent load date for that cell. Clicking on a button in one of the cells displays a pop-up Load Dates detail window.

http://wwwdev.rmpc.org - Load Dates of 1990 WDFW Recovery Data - Mozilla F...

#### Load Dates of 1990 WDFW Recovery Data

Dataset Processed	No. of Records	Description
2004/01/15 12:00:52	All	Moved to CWT database
2004/01/12 08:51:48	46477	Validation: 46477 passed, 0 failed
1996/07/17 17:20:21	46051	Validation
1995/01/25 16:24:20	45620	Validation
1993/03/21 17:04:08	45525	Validation
1993/02/23 09:37:03	45288	Validation
1993/02/12 09:01:42	45287	Validation
1992/12/12 15:54:18	45564	Validation

Close

Figure 9: RMIS Load Dates detail

The Load Dates detail pop-up window displays the actual dates a particular dataset was loaded into the CWT database and validated with the rules defined in the "PSC Format V4.0 Specification" document. Rows in the table are sorted by Dataset Processed date with the most recent date on top. The description column includes validation statistics (how many rows passed the validation and how many failed), and also indicates the most recent date a fully validated dataset was moved into the CWT database and made available for reporting.

## Section 10. Help

RMIS has extensive on-line Help information available. In addition to the pop-up windows described in previous sections of this manual that provide help selecting PSC codes for use on a Query Form, there is context-sensitive help available on most pages. The help icon is a question mark in a circle followed by the word "Help". Here's an example showing how the help icon looks (note: this example icon doesn't open a pop-up window so don't bother clicking on it).



Clicking on a help icon on any RMIS page will display a pop-up window with detailed instructions on how to use the features of that page. After you've read the help information close the pop-up window to continue working on the page.

---

## Section 11. Contact Information

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## Appendix A. Releases Report Format Descriptions

This appendix describes the report formats available in the "Tagged Releases", "Non-Associated Releases", and "All Releases" paths of the RMIS Query System, and shows example output for all except CSV, HTM and PSC formats. CSV and HTM reports are custom designed by the user, as described earlier in this manual, so the format varies depending on the fields chosen. PSC reports are described fully in the "PSC Format V4.0 Specification" document.

**RMPC Release book, side A (RBA)** : First side of the annual Release book published by the RMPC.

```
----- Begin RBA Example -----
PAGE 1A
22:15:50 01/14/2003
Tag Code or. Tag Run. Spec Bd Rel. Hatchery Location... Release Location.... First. Last..
CWT... Loss Non-CWT
Release ID.. Typ Yr Agy Release Release
Mrk Cnt Rate Mrk Cnt
082240 0 Fall Coho 82 CDFO H-QUINSAM R R-QUINSAM R 840601
9,637 0.0302 6,886
082241 0 Fall Coho 82 CDFO H-QUINSAM R R-QUINSAM R 840601
9,800 0.0199 15,480
082242 0 Fall Coho 82 CDFO H-QUINSAM R R-QUINSAM R 840601
9,784 0.0199 15,455
082243 0 Fall Coho 82 CDFO H-QUINSAM R R-QUINSAM R 840601
9,830 0.0199 15,528
082244 0 Fall Coho 82 CDFO H-QUINSAM R R-QUINSAM R 840601
9,843 0.013 17,623
082245 0 Fall Coho 82 CDFO H-QUINSAM R R-QUINSAM R 840601
9,795 0.013 17,536
082246 0 Fall Coho 82 CDFO H-QUINSAM R R-QUINSAM R 840601
9,817 0.013 17,575
082247 0 Fall Chin 83 CDFO H-ROBERTSON CR R-ROBERTSON CR 840605 840608
75,989 0.0089 980,473
082248 0 Fall Chin 83 CDFO H-ROBERTSON CR R-ROBERTSON CR 840605 840608
76,471 0.005 971,816
082249 0 Fall Coho 83 CDFO H-CAPILANO R R-CAPILANO R 850604
75,569 0.0202 138,504
----- End RBA Example -----
```

**RMPC Release book, side B (RBB)** : Second side of the annual Release book published by the RMPC.

```
----- Begin RBB Example -----
PAGE 1B
22:17:11 01/14/2003
Tag Code or. Tag Ct. T.L. Weight Length Rear Rel.. Rel. St. Coord Stock Location.....
Comments.....
Release ID.. Typ Mhd Days (gm) (mm) Type Stage Type Int
082240 0 14 24.00 H Smolt E 03 S-QUINSAM R LOW
DENSITY LARGES
082241 0 8 20.00 H Smolt E 03 S-QUINSAM R MEDIUM
DENSITY LARGES
082242 0 8 21.00 H Smolt E 03 S-QUINSAM R MEDIUM
DENSITY MEDIUMS
082243 0 8 25.10 H Smolt E 03 S-QUINSAM R MEDIUM
DENSITY LARGES
082244 0 12 18.20 H Smolt E 03 S-QUINSAM R HIGH
DENSITY SMALLS
```

```

082245      0      12 19.50      H  Smolt E      03  S-QUINSAM R      HIGH
DENSITY MEDIUMS
082246      0      12 22.40      H  Smolt E      03  S-QUINSAM R      HIGH
DENSITY LARGES
082247      0      3  4.10      H  Smolt B      03  S-ROBERTSON CR    OMP
CONTROL FOR 08/22/48
082248      0      3  4.60      H  Smolt B      03  S-ROBERTSON CR    WEST VAN
DRY DIET
082249      0      26 15.10     H  Smolt E      03  S-CAPILANO R      STERILE;
ADRV-CWT;136395 UNTAG RV CLIP,
----- End RBB Example -----

```

**PSC 4.0 Data Exchange format (PRL)** : Pacific Salmon Commission data exchange format for Release data. See "PSC Format V4.0 Specification" document.

**Comma-Separated Values custom file (CSV)** : Comma-separated-value report with fields selected by the user.

**HTML custom table (HTM)** : HTML table report with fields selected by the user.

**Tag List (RTL) for copy/paste to new query** : Generates a list of tag codes that can be copied to the clipboard and pasted into the tag code field on a Release or Recovery Query Form.

```

----- Begin RTL Example -----
082240
082241
082242
082243
082244
082245
082246
082247
082248
082249
----- End RTL Example -----

```

**Releases With Zero Rec. By Tag Code (RZ1)** : Releases with zero recoveries sorted by tag code.

```

----- Begin RZ1 Example -----
22:31:06 01/14/2003      Regional Mark Information System      PAGE 1
REPORT: RZ1              RELEASES WITH ZERO RECOVERIES
                          BY TAG CODE

Tag Code      Rel.  Hatchery      Spec 1st  Last  Release
              Agcy  Location Name  Coho  Rel.  Rel.  Location Name
633940        WDFW  TURTLE ROCK  HATCHERY  Coho  1992  1992  COL.R. @ TURTLE ROCK
634319        WDFW  CHIOWAWA  HATCHERY  Chin  1992  1992  CHIOWAWA R  45.0759
----- End RZ1 Example -----

```

**Releases With Zero Rec. By Hatchery (RZ2)** : Releases with zero recoveries sorted by release agency and hatchery location name.

```

----- Begin RZ2 Example -----
22:31:51 01/14/2003      Regional Mark Information System      PAGE 1
REPORT: RZ2              RELEASES WITH ZERO RECOVERIES
                          BY HATCHERY

Rel.  Hatchery      Spec 1st  Last  Release      Tag Code
Agcy  Location Name  Rel.  Rel.  Location Name
WDFW  CHIOWAWA  HATCHERY  Chin  1992  1992  CHIOWAWA R  45.0759  634319
WDFW  TURTLE ROCK  HATCHERY  Coho  1992  1992  COL.R. @ TURTLE ROCK  633940
----- End RZ2 Example -----

```

**CWT & Total Released By Year (RTR)** : Summary of CWT released and total released sorted by species, release year, and state.

```

----- Begin RTR Example -----
22:33:24 01/14/2003      Regional Mark Information System      PAGE 1
REPORT: RTR              CWT & TOTAL RELEASED BY YEAR

Species Name  Release Year  State  CWT Released  Total Released
-----
Chinook      1990         AK      1714973      10245754
Chinook      1990         BC      7439880      55429208
Chinook      1990         CA      2554642      14201013
Chinook      1990         ID      1716011      8143405
Chinook      1990         NA      0            0
Chinook      1990         OR      4436352      33738665
Chinook      1990         WA      11368295     75656801
-----
Chinook      1990 subtotal      29230153     197414846

```

```

Chinook  TOTAL                29230153    197414846
----- End RTR Example -----

```

## Appendix B. Adclipped Releases Report Format Descriptions

This appendix describes the report formats available in the "Adclipped Releases" path of the RMIS Query System, and shows example output for all except CSV and HTM formats. CSV and HTM reports are custom designed by the user, as described earlier in this manual, so the format varies depending on the fields chosen.

**Ad-clipped Releases Summary (AS1)** : Summary of ad-clipped and unclipped releases sorted by species, brood year and release year.

```

----- Begin AS1 Example -----
10:21:27 01/15/2003                Regional Mark Information System
PAGE 1
REPORT: AS1                        AD-CLIPPED RELEASES SUMMARY
SPECIES: Chinook                   BROOD YEAR: 2000
RELEASE YEAR: 2000

S/P REGION BASIN HATCHERY/FACILITY  ----- CWT TAGGED -----  ----- NON-CWT -----
----- TOTAL
AD-CLIPPED UNCLIPPED AD-CLIPPED UNCLIPPED
UNKNOWN
CA SACR SACR COLEMAN NFH           222491           0           7628           0
0 230119
CA SACR SACR           1266           0           91           0
0 1357
WA MPS PUYA VOIGHTS CR HATCHERY     0           0           0           4
0 4

-----
Report Totals           223757           0           7719           4
0 231480

```

Note: Numbers of adipose-clipped fish may be inaccurate due to incomplete data collection and/or partial marking.

----- End AS1 Example -----

**Comma-Separated Values custom file (CSV)** : Comma-separated-value report with fields selected by the user.

**HTML custom table (HTM)** : HTML table report with fields selected by the user.

## Appendix C. Recoveries by Tag Code Report Format Descriptions

This appendix describes the report formats available in the "Recoveries by Tag Code" path of the RMIS Query System, and shows example output for all except CSV, HTM and PSC formats. CSV and HTM reports are custom designed by the user, as described earlier in this manual, so the format varies depending on the fields chosen. PSC reports are described fully in the "PSC Format V4.0 Specification" document.

**Tag Detail by Recovery Year, Fishery (TD1-Rec)** : This fixed-field report summarizes tag code recoveries by recovery year, agency, and fishery.

```

----- Begin TD1-Rec Example -----
FORMAT: TAG DETAIL BY FISHERY (TD1) -- BY RECOVERY YEAR

TAGCODE      YEAR AGCY FC  OBS'D  EST'D  MEAS'D  AVG MM
082244      1984 CDFO 50   28     29
082244      1985 CDFO 10   28     123    21     559
082244      1985 CDFO 23   45     160    42     601
082244      1985 CDFO 40   99     355
082244      1985 CDFO 50  142    199
082244      1985 WDFW 23    2       4       2     655
082244      1985 WDFW 45    1       2
082244      1986 CDFO 40    1       4
----- End TD1-Rec Example -----

```

**Tag Detail by Run Year, Fishery (TD1-Run)** : This fixed-field report summarizes tag code recoveries by run year, agency, and fishery.

```

----- Begin TD1-Run Example -----
FORMAT: TAG DETAIL BY FISHERY (TD1) -- BY RUN YEAR

TAGCODE      YEAR AGCY FC  OBS'D  EST'D  MEAS'D  AVG MM
082244      1984 CDFO 50   28     29

```

```

082244      1985 CDFO 10      28      123      21      559
082244      1985 CDFO 23      45      160      42      601
082244      1985 CDFO 40      99      355
082244      1985 CDFO 50     142     199
082244      1985 WDFW 23       2       4       2      655
082244      1985 WDFW 45       1       2
082244      1986 CDFO 40       1       4

```

----- End TD1-Run Example -----

**Tag Detail by Recovery Year, Site Name (TD2-Rec)** : This fixed-field report summarizes recoveries of tag codes by recovery year, agency, fishery, and recovery location code.

----- Begin TD2-Rec Example -----

FORMAT: TAG DETAIL BY RECOVERY SITE NAME (TD2) -- BY RECOVERY YEAR

```

          BRD- REC-
TAGCODE  YEAR YEAR AGCY FC  SITE NAME          SITE CODE          OBS'D  EST'D  MEAS'D
AVG MM
082244   1982 1984 CDFO 50  H-QUINSAM R        2FS99JNSTH0106    28    29
082244   1982 1985 CDFO 10  GSTR                013-000 2MS04013    000    3    12    3
530
082244   1982 1985 CDFO 10  GSTR                014-000 2MS04014    000    3    16
082244   1982 1985 CDFO 10  GSTR                014-089 2MS04014    089    2    8    1
450
082244   1982 1985 CDFO 10  GSTR                016-000 2MS04016    000    1    4    1
481
082244   1982 1985 CDFO 10  GSTR                032-086 2MS04032    086    1    4
082244   1982 1985 CDFO 10  GSTR                101-043 2MS04101    043    2    8

```

----- End TD2-Rec Example -----

**Tag Detail by Run Year, Site Name (TD2-Run)** : This fixed-field report summarizes recoveries of tag codes by run year, agency, fishery, and recovery location code.

----- Begin TD2-Run Example -----

FORMAT: TAG DETAIL BY RECOVERY SITE NAME (TD2) -- BY RUN YEAR

```

          BRD- RUN-
TAGCODE  YEAR YEAR AGCY FC  SITE NAME          SITE CODE          OBS'D  EST'D  MEAS'D
AVG MM
082244   1982 1984 CDFO 50  H-QUINSAM R        2FS99JNSTH0106    28    29
082244   1982 1985 CDFO 10  GSTR                013-000 2MS04013    000    3    12    3
530
082244   1982 1985 CDFO 10  GSTR                014-000 2MS04014    000    3    16
082244   1982 1985 CDFO 10  GSTR                014-089 2MS04014    089    2    8    1
450
082244   1982 1985 CDFO 10  GSTR                016-000 2MS04016    000    1    4    1
481
082244   1982 1985 CDFO 10  GSTR                032-086 2MS04032    086    1    4
082244   1982 1985 CDFO 10  GSTR                101-043 2MS04101    043    2    8

```

----- End TD2-Run Example -----

**Tag Detail by Recovery Month, Site Name (TD3)** : This fixed-field report summarizes recoveries of tag codes by recovery year, agency, fishery, recovery location code, and month.

----- Begin TD3 Example -----

FORMAT: TAG DETAIL BY RECOVERY SITE/CAL. MONTH (TD3)

```

          BRD-
TAGCODE  YEAR AGCY FC  SITE NAME          SITE CODE          MO OBS'D  EST'D  MEAS'D
AVG MM
082244   1984 CDFO 50  H-QUINSAM R        2FS99JNSTH0106    28    29
082244   1985 CDFO 10  GSTR                013-000 2MS04013    000 07    3    12    3
530
082244   1985 CDFO 10  GSTR                014-000 2MS04014    000 07    3    16
082244   1985 CDFO 10  GSTR                014-089 2MS04014    089 07    2    8    1
450
082244   1985 CDFO 10  GSTR                016-000 2MS04016    000 07    1    4    1
481
082244   1985 CDFO 10  GSTR                032-086 2MS04032    086 07    1    4
082244   1985 CDFO 10  GSTR                101-043 2MS04101    043 07    2    8

```

----- End TD3 Example -----

**Tag Detail by Recovery Year, Site Name (TD4-Rec)** : This fixed-field report summarizes recoveries of tag codes by recovery year, agency, fishery, recovery location code.

----- Begin TD4-Rec Example -----

FORMAT: TAG DETAIL BY SITE SHORT NAME (TD4) -- BY RECOVERY YEAR

```

TAGCODE  YEAR AGCY FC  SITE NAME          OBS'D  EST'D  MEAS'D  AVG MM
082244   1984 CDFO 50  H-QUINSAM R        28    29
082244   1985 CDFO 10  GSTR                013-000 3    12    3    530
082244   1985 CDFO 10  GSTR                014-000 3    16
082244   1985 CDFO 10  GSTR                014-089 2    8    1    450
082244   1985 CDFO 10  GSTR                016-000 1    4    1    481

```

```
082244      1985 CDFO 10  GSTR          032-086    1      4
082244      1985 CDFO 10  GSTR          101-043    2      8
```

----- End TD4-Rec Example -----

**Tag Detail by Run Year, Site Name (TD4-Run)** : This fixed-field report summarizes recoveries of tag codes by run year, agency, fishery, recovery location code.

----- Begin TD4-Run Example -----

FORMAT: TAG DETAIL BY SITE SHORT NAME (TD4) -- BY RECOVERY YEAR

TAGCODE	YEAR	AGCY	FC	SITE NAME	OBS'D	EST'D	MEAS'D	AVG MM
082244	1984	CDFO	50	H-QUINSAM R	28	29		
082244	1985	CDFO	10	GSTR	013-000	3	12	3 530
082244	1985	CDFO	10	GSTR	014-000	3	16	
082244	1985	CDFO	10	GSTR	014-089	2	8	1 450
082244	1985	CDFO	10	GSTR	016-000	1	4	1 481
082244	1985	CDFO	10	GSTR	032-086	1	4	
082244	1985	CDFO	10	GSTR	101-043	2	8	

----- End TD4-Run Example -----

**Tag Detail by Site, Statistical Week (TD5)** : This fixed-field report summarizes recoveries of tag codes by recovery year, agency, fishery, recovery location code, and statistical week.

----- Begin TD5 Example -----

FORMAT: TAG DETAIL BY SITE SHORT NAME/STAT. WEEK (TD5)

TAGCODE	YEAR	AGCY	FC	SITE NAME	WK	OBS'D	EST'D	MEAS'D	AVG MM
082244	1984	CDFO	50	H-QUINSAM R	-1	28	29		
082244	1985	CDFO	10	GSTR	013-000	27	1	5	1 570
082244	1985	CDFO	10	GSTR	013-000	29	1	0	1 430
082244	1985	CDFO	10	GSTR	013-000	30	1	6	1 590
082244	1985	CDFO	10	GSTR	014-000	28	1	3	
082244	1985	CDFO	10	GSTR	014-000	30	2	13	
082244	1985	CDFO	10	GSTR	014-089	29	2	8	1 450
082244	1985	CDFO	10	GSTR	016-000	29	1	4	1 481
082244	1985	CDFO	10	GSTR	032-086	29	1	4	
082244	1985	CDFO	10	GSTR	101-043	29	2	8	

----- End TD5 Example -----

**Tag Raw Zero Filled (TR1)** : This fixed-field report lists individual tag code recoveries sorted by agency, fishery, and recovery date.

----- Begin TR1 Example -----

082244	Coho	82	850706	CDFO	10	2MN57011	000	0.00	580
082244	Coho	82	850706	CDFO	10	2MN57000	000	4.88	564
082244	Coho	82	850706	CDFO	10	2MS04013	000	5.46	570
082244	Coho	82	850713	CDFO	10	2MS17118	000	0.00	541
082244	Coho	82	850713	CDFO	10	2MS04014	000	2.68	0
082244	Coho	82	850713	CDFO	10	2MS01027	070	6.01	640
082244	Coho	82	850713	CDFO	10	2MS02023	000	5.38	533
082244	Coho	82	850713	CDFO	10	2MN57011	042	5.18	590

----- End TR1 Example -----

**Tag Summary by Recovery Year, Fishery (TS1-Rec)** : This formatted report summarizes recoveries of tag codes by recovery year, fishery, and agency.

----- Begin TS1-Rec Example -----

18:37:23 01/15/2003 Regional Mark Information System PAGE 1  
 REPORT: TS1-Rec ANNUAL RECOVERIES BY REC YEAR  
 TAGCODE: 082244  
 RELEASE AGENCY: CDFO STUDY TYPE: E  
 1982 Fall Coho #CWT: 9843 HATCHERY: H-QUINSAM R  
 RELEASED: 6/ 1/1984 LOSS RATE: 0.013 SITE: R-QUINSAM R  
 LENGTH: #NON-CWT: 17623 STOCK: S-QUINSAM R

YEAR	FISHERY	Recovery Agency	OBS'D	EST'D	MEAS'D	AVG MM
1984	Hatchery	- CDFO	28	29		
1984	TOTALS:		28	29		
1985	Estuary Sport	- WDFW	1	2		
	Hatchery	- CDFO	142	199		
	Mixed Net and Seine	- CDFO	45	160	42	601
	Mixed Net and Seine	- WDFW	2	4	2	655
	Ocean Sport	- CDFO	99	355		
	Ocean Troll (non-treaty)	- CDFO	28	123	21	559
1985	TOTALS:		317	844	65	589
1986	Ocean Sport	- CDFO	1	4		
1986	TOTALS:		1	4		

TOTALS FOR TAGCODE 082244 346 878 65 589  
 ----- End TS1-Rec Example -----

**Tag Summary by Run Year, Fishery (TS1-Run)** : This formatted report summarizes recoveries of tag codes by run year, fishery, and agency.

----- Begin TS1-Run Example -----  
 18:38:38 01/15/2003 Regional Mark Information System PAGE 1  
 REPORT: TS1-Run ANNUAL RECOVERIES BY RUN YEAR  
 TAGCODE: 082244  
 RELEASE AGENCY: CDFO STUDY TYPE: E  
 1982 Fall Coho #CWT: 9843 HATCHERY: H-QUINSAM R  
 RELEASED: 6/ 1/1984 LOSS RATE: 0.013 SITE: R-QUINSAM R  
 LENGTH: #NON-CWT: 17623 STOCK: S-QUINSAM R

YEAR	FISHERY	Recovery Agency	OBS'D	EST'D	MEAS'D	AVG MM
1984	Hatchery	- CDFO	28	29		
1984	TOTALS:		28	29		
1985	Estuary Sport	- WDFW	1	2		
	Hatchery	- CDFO	142	199		
	Mixed Net and Seine	- CDFO	45	160	42	601
	Mixed Net and Seine	- WDFW	2	4	2	655
	Ocean Sport	- CDFO	99	355		
	Ocean Troll (non-treaty)	- CDFO	28	123	21	559
1985	TOTALS:		317	844	65	589
1986	Ocean Sport	- CDFO	1	4		
1986	TOTALS:		1	4		
TOTALS FOR TAGCODE 082244			346	878	65	589

----- End TS1-Run Example -----  
**Tag Summary by Month, Site Name (TS2)** : This formatted report summarizes recoveries of tag codes by recovery year, fishery, agency, recovery location name, and month.

----- Begin TS2 Example -----  
 18:41:13 01/15/2003 Regional Mark Information System  
 PAGE 1  
 REPORT: TS2 1984 RECOVERIES OF TAGCODE  
 082244  
 BY CALENDAR MONTH  
 1982 Fall Coho LENGTH:  
 RELEASE AGENCY: CDFO #CWT: 9843 HATCHERY: H-QUINSAM R  
 RELEASED: 6/ 1/1984 LOSS RATE: 0.013 SITE: R-QUINSAM R  
 STUDY TYPE: E #NON-CWT: 17623 STOCK: S-QUINSAM R

FISHERY AREA	DATA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
DEC UNK TOTAL												
Hatchery												
H-QUINSAM R	OBS											
28	28											
	EST											
29	29											
	#LM											
	MM											
FISHERY TOTALS:	OBS											
28	28											
	EST											
29	29											
	#LM											
	MM											
TOTALS FOR 1984	OBS											
28	28											
	EST											
29	29											
	#LM											
	MM											

----- End TS2 Example -----  
**Tag Summary by Fortnt, Site Name (TS3)** : This formatted report summarizes recoveries of tag codes by recovery year, fishery, agency, recovery location name, and fortnight (2-week period).

----- Begin TS3 Example -----  
 18:43:43 01/15/2003 Regional Mark Information System  
 PAGE 1  
 REPORT: TS3 1985 RECOVERIES OF TAGCODE  
 082244

1982 Fall Coho  
 RELEASE AGENCY: CDFO #CWT: 9843 HATCHERY:  
 RELEASED: 6/ 1/1984 LOSS RATE: 0.013 SITE: R-QUINSAM R  
 STUDY TYPE: E #NON-CWT: 17623 STOCK:

BY STATISTICAL FORTNIGHT  
 LENGTH:

FISHERY/AREA  
 WEEK NUMBER: 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52  
 54 UNK TOTAL  
 Mixed Net and Seine - WDFW  
 5 PLUS 4 & 4B  
 OBS 1  
 1 EST 3  
 3 #LM 1  
 1 MM 630  
 630 SAN JUAN ISLANDS 7  
 OBS 1  
 1 EST 1  
 1 #LM 1  
 1 MM 680  
 680 FISHERY TOTALS:  
 OBS 1 1  
 2 EST 3 1  
 4 #LM 1 1  
 2 MM 630 680  
 655 TOTALS FOR 1985  
 OBS 1 1  
 2 EST 3 1  
 4 #LM 1 1  
 2 MM 630 680  
 655

----- End TS3 Example -----  
**Tag Summary by Statwk, Site Name (TS4)** : This formatted report summarizes recoveries of tag codes by recovery year, fishery, agency, recovery location name, and statistical week.

----- Begin TS4 Example -----  
 18:49:47 01/15/2003 Regional Mark Information System  
 PAGE 1  
 REPORT: TS4 1985 RECOVERIES OF TAGCODE  
 082244  
 BY STATISTICAL WEEK  
 LENGTH:

1982 Fall Coho  
 RELEASE AGENCY: CDFO #CWT: 9843 HATCHERY: H-QUINSAM R  
 RELEASED: 6/ 1/1984 LOSS RATE: 0.013 SITE: R-QUINSAM R  
 STUDY TYPE: E #NON-CWT: 17623 STOCK: S-QUINSAM R

FISHERY/AREA  
 Mixed Net and Seine - WDFW  
 5 PLUS 4 & 4B  
 WEEK 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21  
 22 23 24 25 26 27  
 OBS  
 EST  
 #LM  
 MM  
 WEEK 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48  
 49 50 51 52 53 54 UNK TOTAL  
 OBS 1  
 1 EST 3  
 3 #LM 1  
 1 MM 630  
 630 SAN JUAN ISLANDS 7  
 WEEK 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21  
 22 23 24 25 26 27  
 OBS  
 EST  
 #LM  
 MM  
 WEEK 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48  
 49 50 51 52 53 54 UNK TOTAL  
 OBS 1  
 1 EST 1  
 1 #LM 1  
 1 MM 680  
 680

```

FISHERY TOTALS:
WEEK 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
22 23 24 25 26 27
OBS
EST
#LM
MM
WEEK 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 UNK TOTAL
OBS 1 1
2 EST 3 1
4 #LM 1 1
2 MM 630 680
655
TOTALS FOR 1985
WEEK 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
22 23 24 25 26 27
OBS
EST
#LM
MM
WEEK 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 UNK TOTAL
OBS 1 1
2 EST 3 1
4 #LM 1 1
2 MM 630 680
655

```

----- End TS4 Example -----

**Tag Estimation Analysis by Rec Year (TA1-Rec)** : This formatted report summarizes recoveries of tag codes by recovery year. The column headers in the report header are determined by the actual years in the query results.

----- Begin TA1-Rec Example -----

20:43:44 01/15/2003 Regional Mark Information System  
PAGE 1  
REPORT: TA1-Rec TAGCODE ESTIMATION ANALYSIS BY RECOVERY YEAR (1984-1995)

Tagcode	Tagged	Hatchery Name	Sp	Run	BrYr	1984	1985	1986	1987	1988	1989
1990 1991	1992 1993	1994 1995	TT								
082244	9843	H-QUINSAM R	Coho	Fall	1982	29	844	4			

----- End TA1-Rec Example -----

**Tag Estimation Analysis by Run Year (TA1-Run)** : This formatted report summarizes recoveries of tag codes by run year. The column headers in the report header are determined by the actual years in the query results.

----- Begin TA1-Run Example -----

20:42:50 01/15/2003 Regional Mark Information System  
PAGE 1  
REPORT: TA1-Run TAGCODE ESTIMATION ANALYSIS BY RUN YEAR (1984-1995)

Tagcode	Tagged	Hatchery Name	Sp	Run	BrYr	1984	1985	1986	1987	1988	1989
1990 1991	1992 1993	1994 1995	TT								
082244	9843	H-QUINSAM R	Coho	Fall	1982	29	844	4			

----- End TA1-Run Example -----

**Species Survival Analysis (SA1)** : This formatted report calculates release group percent survival.

----- Begin SA1 Example -----

20:35:47 01/15/2003 Regional Mark Information System  
PAGE 1  
REPORT: SA1 SPECIES SURVIVAL ANALYSIS  
SPECIES: Coho

Tagcode	BrYr	Date Rel	Release Location....	Hatchery Location...	#CWT....	LossRt	#Non-
CWT. Total Rel	#Obs.	#Est....	% Surv				
082244	1982	19840601	R-QUINSAM R	H-QUINSAM R		9843	0
17623	27466	346	877.71	8.92			

Release Group Percent Survival: (%.Surv) = (Total{Estimated.Number})(100) / (Number.Released.CWT)

----- End SA1 Example -----

**PSC 4.0 Data Exchange format (PRC)** : Pacific Salmon Commission data exchange format for Recovery data. See "PSC Format V4.0 Specification" document.

**Comma-Separated Values custom file (CSV)** : Comma-separated-value report with fields selected by the user.

HTML custom table (HTM) : HTML table report with fields selected by the user.

## Appendix D. Recoveries by Hatchery Report Format Descriptions

This appendix describes the report formats available in the "Recoveries by Hatchery" path of the RMIS Query System, and shows example output for all except CSV, HTM and PSC formats. CSV and HTM reports are custom designed by the user, as described earlier in this manual, so the format varies depending on the fields chosen. PSC reports are described fully in the "PSC Format V4.0 Specification" document.

**Annual Rec by Recovery Year, Fishery (HS1-Rec)** : This formatted report summarizes recoveries by recovery year, fishery, and agency.

```

----- Begin HS1-Rec Example -----
20:51:00 01/15/2003      Regional Mark Information System          PAGE 1
REPORT: HS1-Rec          ANNUAL RECOVERIES BY REC YEAR
                          HATCHERY: HUMPTULIPS HATCHERY    SPECIES: Chinook
                          STOCK: HUMPTULIPS R 22.0004        RUN: Fall

YEAR FISHERY - Recovery Agency ..... OBS'D  EST'D  MEAS'D  AVG MM
1992 Coastal Gillnet          - QDNR    4      9
      Commercial Seine        - ADFG    3      0      3      433
      Groundfish Observer (Gulf of Alaska - NMFS    1      8
      Hatchery                 - WDFW    6      6      6      478
      Mixed Net and Seine      - CDFO    1      4      1      355
      Sport (private)         - WDFW    1      3      1      420

1992 TOTALS:                  16     30     11     449
----- End HS1-Rec Example -----

```

**Annual Rec by Run Year, Fishery (HS1-Run)** : This formatted report summarizes recoveries by run year, fishery, and agency.

```

----- Begin HS1-Run Example -----
20:54:57 01/15/2003      Regional Mark Information System          PAGE 1
REPORT: HS1-Run          ANNUAL RECOVERIES BY RUN YEAR
                          HATCHERY: HUMPTULIPS HATCHERY    SPECIES: Chinook
                          STOCK: HUMPTULIPS R 22.0004        RUN: Fall

YEAR FISHERY - Recovery Agency ..... OBS'D  EST'D  MEAS'D  AVG MM
1992 Coastal Gillnet          - QDNR    4      9
      Commercial Seine        - ADFG    3      0      3      433
      Groundfish Observer (Gulf of Alaska - NMFS    1      8
      Hatchery                 - WDFW    6      6      6      478
      Mixed Net and Seine      - CDFO    1      4      1      355
      Sport (private)         - WDFW    1      3      1      420

1992 TOTALS:                  16     30     11     449
----- End HS1-Run Example -----

```

**Estimated Recoveries by Calendar Month (HS2)** : This formatted report summarizes estimated recoveries by recovery year, fishery, agency, and recovery month.

```

----- Begin HS2 Example -----
20:55:35 01/15/2003      Regional Mark Information System          PAGE 1
REPORT: HS2              1992 ESTIMATED RECOVERIES (CALENDAR MONTH)
                          HATCHERY: HUMPTULIPS HATCHERY    SPECIES: Chinook
                          STOCK: HUMPTULIPS R 22.0004        RUN: Fall

FISHERY/AREA.....  JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC UNK TOTAL
-----
                                  1992
-----
Coastal Gillnet          - QDNR
HUMPTULIPS R 22.0004                3  6                9
  FISHERY TOTALS:                3  6                9
Commercial Seine        - ADFG
AK M 1 NE 109-62
AK M 1 SE 102-10
AK M 1 SW 104-40                0                0
  FISHERY TOTALS:                0                0
Groundfish Observer (Gulf of Alaska - NMFS
HIGH SEAS 3 57N 151W                8                8
  FISHERY TOTALS:                8                8
Hatchery                 - WDFW
HUMPTULIPS HATCHERY                3  3                6
  FISHERY TOTALS:                3  3                6

```

```

Mixed Net and Seine          - CDFO
  CN      086-313            4
  FISHERY TOTALS:           4
Sport (private)              - WDFW
  MARINE AREA 1              3
  FISHERY TOTALS:           3
TOTALS FOR 1992              7      3  17  3      30
----- End HS2 Example -----

```

**Annual Recoveries by Recovery Year (HS4)** : This formatted report summarizes recoveries by tag code, recovery year, fishery, and agency.

```

----- Begin HS4 Example -----
20:56:25 01/15/2003      Regional Mark Information System      PAGE 1
REPORT: HS4              ANNUAL RECOVERIES BY RECOVERY YEAR
                          HATCHERY: HUMPTULIPS HATCHERY      SPECIES: Chinook
                          STOCK: HUMPTULIPS R 22.0004        RUN: Fall

```

YEAR	FISHERY	Recovery Agency	OBS'D	EST'D	MEAS'D	AVG	MM
TAG CODE 634117							
1992	Coastal Gillnet	- QDNR	4	9			
	Commercial Seine	- ADFG	3	0	3		433
	Groundfish Observer (Gulf of Alaska	- NMFS	1	8			
	Hatchery	- WDFW	6	6	6		478
	Mixed Net and Seine	- CDFO	1	4	1		355
	Sport (private)	- WDFW	1	3	1		420
TOTALS FOR YEAR:			16	30	11		449

**Recovery Estimation Analysis by Year (HA2)** : This formatted report summarizes estimated recoveries by stock, species, run, brood year, and recovery year.

```

----- Begin HA2 Example -----
20:57:06 01/15/2003      Regional Mark Information System
PAGE 1
REPORT: HA2              RECOVERY ESTIMATION ANALYSIS BY RECOVERY YEAR (1990-2002)
                          HATCHERY: HUMPTULIPS HATCHERY
Stock Name                Sp  Run  Br  1990  1991  1992  1993  1994  1995  1996  1997  1998  1999
2000  2001  2002      TT
HUMPTULIPS R 22.0004 Chin Fall 90          30  302  976  1348  111  1
HUMPTULIPS R 22.0004 Coho      90          53  1149
----- End HA2 Example -----

```

**PSC 4.0 Data Exchange format (PRC)** : Pacific Salmon Commission data exchange format for Recovery data. See "PSC Format V4.0 Specification" document.

**Comma-Separated Values custom file (CSV)** : Comma-separated-value report with fields selected by the user.

**HTML custom table (HTM)** : HTML table report with fields selected by the user.

## Appendix E. All Recoveries Report Format Descriptions

This appendix describes the report formats available in the "All Recoveries" path of the RMIS Query System, and shows example output for all except CSV, HTM and PSC formats. CSV and HTM reports are custom designed by the user, as described earlier in this manual, so the format varies depending on the fields chosen. PSC reports are described fully in the "PSC Format V4.0 Specification" document.

**PSC 4.0 Data Exchange format (PRC)** : Pacific Salmon Commission data exchange format for Recovery data. See "PSC Format V4.0 Specification" document.

**Comma-Separated Values custom file (CSV)** : Comma-separated-value report with fields selected by the user.

**HTML custom table (HTM)** : HTML table report with fields selected by the user.

**Recoveries by Fin Mark (FM1)** : This formatted reports summarizes observed recoveries by fin mark, mark code, recovery year, and agency.

```

----- Begin FM1 Example -----
21:55:50 01/15/2003      Regional Mark Information System      PAGE 1
REPORT: FM1              RECOVERIES BY FIN MARK
MARK  REC.  REPORTING
FIN MARK  CODE  YEAR  AGENCY  OBSERVED
Adclip    5000  1984  CDFO    28
Adclip    5000  1985  CDFO    314

```

Adclip	5000	1985	WDFW	3
Adclip	5000	1986	CDFO	1
Adclip TOTAL				346
----- End FMI Example -----				

---

## Appendix F. Recoveries by Tag List Report Format Descriptions

This appendix describes the report formats available in the "Recoveries by Tag List" path of the RMIS Query System. CSV and HTM reports are custom designed by the user, as described earlier in this manual, so the format varies depending on the fields chosen. PSC reports are described fully in the "PSC Format V4.0 Specification" document.

**PSC 4.0 Data Exchange format (PRC)** : Pacific Salmon Commission data exchange format for Recovery data. See "PSC Format V4.0 Specification" document.

**Comma-Separated Values custom file (CSV)** : Comma-separated-value report with fields selected by the user.

**HTML custom table (HTM)** : HTML table report with fields selected by the user.

---

## Appendix G. Catch/Sample Report Format Descriptions

This appendix describes the report formats available in the "Catch/Sample" path of the RMIS Query System. CSV and HTM reports are custom designed by the user, as described earlier in this manual, so the format varies depending on the fields chosen. PSC reports are described fully in the "PSC Format V4.0 Specification" document.

**PSC 4.0 Data Exchange format (PCS)** : Pacific Salmon Commission data exchange format for Catch/Sample data. See "PSC Format V4.0 Specification" document.

**Comma-Separated Values custom file (CSV)** : Comma-separated-value report with fields selected by the user.

**HTML custom table (HTM)** : HTML table report with fields selected by the user.

---

## Appendix H. Locations Report Format Descriptions

This appendix describes the report formats available in the "Location Codes" path of the RMIS Query System. CSV and HTM reports are custom designed by the user, as described earlier in this manual, so the format varies depending on the fields chosen. PSC reports are described fully in the "PSC Format V4.0 Specification" document.

**PSC 4.0 Data Exchange format (PLC)** : Pacific Salmon Commission data exchange format for Location data. See "PSC Format V4.0 Specification" document.

**Comma-Separated Values custom file (CSV)** : Comma-separated-value report with fields selected by the user.

**HTML custom table (HTM)** : HTML table report with fields selected by the user.