

RMPC Updates

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Mark Meeting
April 2, 2008



New Computer Equipment

- PSMFC is installing a fiber optic internet connection to replace two T-1 lines
 - New engineering firm in the building had it installed
 - PSMFC benefits by being able to hook up to it
 - Increases connection speeds and saves costs
- Have money budgeted for new RMIS database server
 - Will be faster, have more RAM and more HD capacity
 - Should be installed by this summer



Data Back-up and Recovery

- Updated plans and procedures
- Includes all of PSMFC, not just the RMPC
- Better more detailed documentation
- Posted on an internal Wiki site for easy access

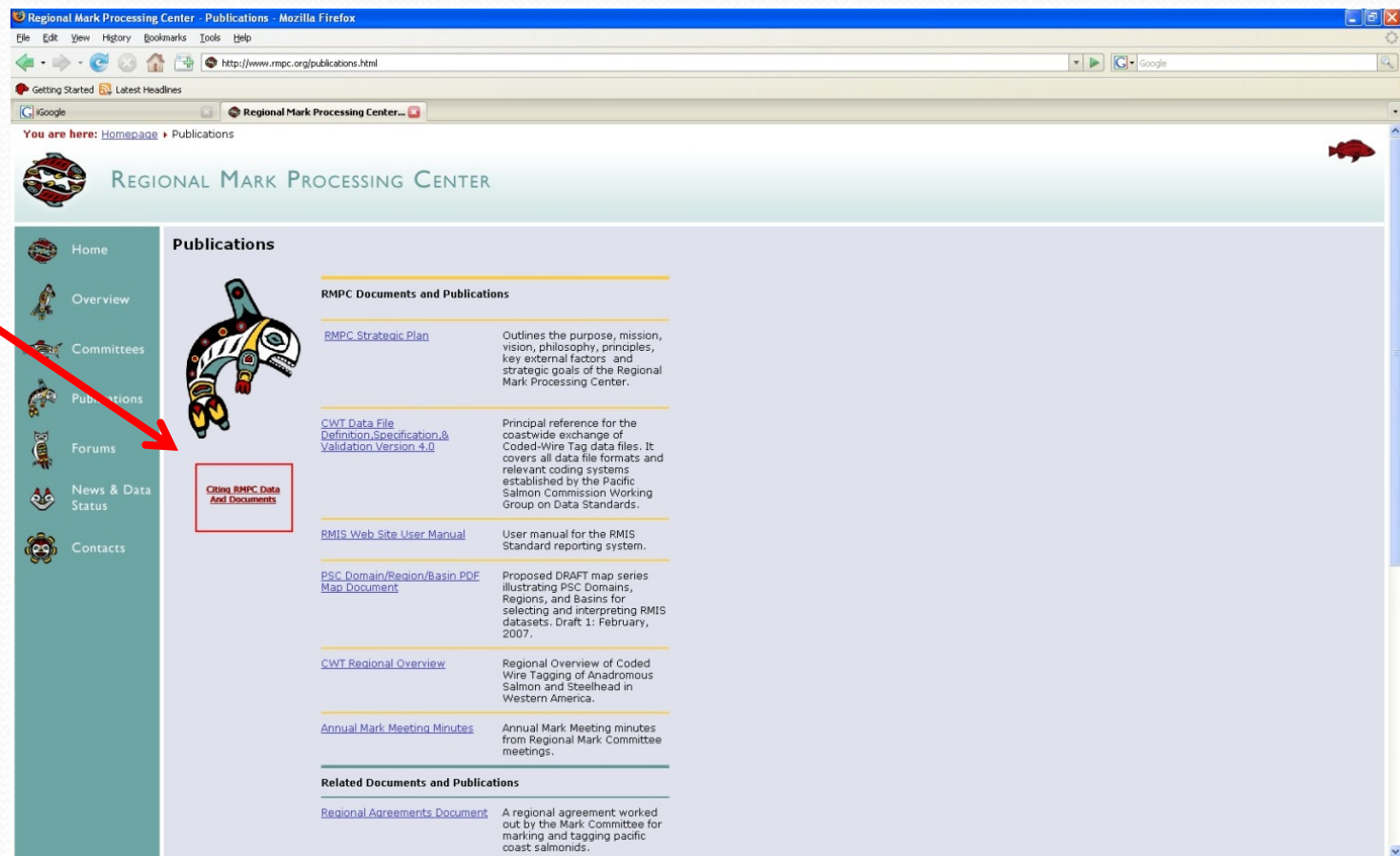
RMIS Database:

- Incremental tape backup-Daily
- M-W-F backup to another drive
- Full tape backup-Weekly
- Off-site tape storage once a month



New Citation Document

- Guidelines for citing RMPC data and documents
- Posted on the Publications page
- Used StreamNet's citation document as a template



RMIS Data Summary

(North American Pacific Coast Anadromous Salmonids)

February 6, 2008

Juvenile Releases

<u>Area</u>	<u>Year</u>	<u>No. of Tag Groups Rel.</u>	<u>CWT's Released</u>	<u>Blank Wire Tags Released</u>	<u>Non-CWT's Released</u>	<u>Total Released</u>
Columbia R Basin	2003	434	23,474,022	1,712,558	117,547,178	142,733,758
All Other Areas	2003	929	28,938,780	271,155	2,078,731,675	2,107,941,610
Totals		1,363	52,412,802	1,983,713	2,196,278,853	2,250,675,368
			2.33%	0.09%	97.58%	
Columbia R Basin	2004	413	23,987,450	961,440	116,091,432	141,060,322
All Other Areas	2004	913	27,450,880	282,842	2,227,653,682	2,255,387,404
Totals		1,326	51,438,330	1,264,282	2,343,745,114	2,396,447,726
			2.15%	0.05%	97.80%	
Columbia R Basin	2005	398	23,442,210	753,429	112,865,845	137,061,484
All Other Areas	2005	824	26,300,210	11,727	2,058,069,912	2,084,381,849
Totals		1,222	49,742,420	765,156	2,170,935,757	2,221,443,333
			2.24%	0.03%	97.73%	
Columbia R Basin	2006	360	21,952,216	559,240	110,458,361	132,969,817
All Other Areas	2006	704	25,320,202	76	1,891,322,384	1,916,642,662
Totals		1,064	47,272,418	559,316	2,001,780,745	2,049,612,479
			2.31%	0.03%	97.67%	

Recoveries and Catch

<u>Area</u>	<u>Year</u>	<u>Total Catch*</u>	<u>Hatchery & Spawning</u>	<u>Total</u>	<u>Number of Fish Recovered with Tags</u>
Columbia R Basin	2003	623,104	933,526	1,556,630	73,957
All Other Areas	2003	170,262,581	1,624,829	171,887,410	197,967
Totals		170,885,685	2,558,355	173,444,040	271,924
Columbia R Basin	2004	451,671	808,936	1,260,607	64,535
All Other Areas	2004	137,492,099	1,167,837	138,659,936	211,585
Totals		137,943,770	1,976,773	139,920,543	276,120
Columbia R Basin	2005	375,285	552,652	927,937	51,076
All Other Areas	2005	192,237,560	812,502	193,050,062	176,381
Totals		192,612,845	1,365,154	193,977,999	227,457
Columbia R Basin	2006	272,072	545,833	817,905	47,159
All Other Areas	2006	106,501,186	587,318	107,088,504	103,615
Totals		106,773,258	1,133,151	107,906,409	150,774

*Total catch as reported by the reporting agencies as "Number Caught" - PSC Format 4.0 field # 24 in the Catch/Sample Data records but does not include fishery codes 50, 51, 52, 53, 54, 57, 59 (hatchery returns, remote site traps, spawning ground counts, diversion screens, etc. which are displayed as Hatchery & Spawning)

Note: Due to the delay that reporting agencies experience in compiling release and recovery data, 2006 data is still preliminary and subject to changes.



15 Years Ago...

- RMPC acquired two new 9600 baud modems for data transfers
- RMPC budget was \$327,000
- Exploring the option of connecting to the internet
- Migrating CWT data to the Ingres relational database named RMIS
- Mark Committee voted “NO” regarding the mass marking proposals from Oregon and Idaho



GSI Methods for Salmon Mgmt.

- Two workshops last year: Portland in May and Vancouver, BC in September
- Final Report to the PSC January 2008
 - Restore integrity of the CWT system to improve its performance
 - CWT system is the only system that can provide cohort reconstruction (GSI cannot provide age class data)
 - CWT and genetic data should be integrated to improve scientific salmon management
 - Will require additional investment beyond the costs of maintaining and improving the existing CWT system

GSI Methods Report – cont.

- Integrate and prioritize recommendations from the GSI Report, the CWT Expert Panel Report and the CWT Workgroup Action Plan.
- Data Standards Workgroup needed to standardize data for a coast wide database
- Recommend that PSMFC (RMPC) should house and maintain the new GSI database subject to new reliable funding
- Report available at the PSC web site:
<http://www.psc.org/pubs/psctr23.pdf>

Columbia River HSRG

- Columbia River Hatchery Scientific Review Group (HSRG) initiated in 2006
- Reviewed all hatchery program in the Columbia River Basin from the mouth up to Priest Rapids Dam
- Status reports for Lower Columbia Chinook and coho completed. A steelhead report and a chum report will be available soon.



Columbia River HSRG – cont.

- Major recommendations
 - Broodstock management (integrated programs and segregated programs)
 - Identification of hatchery origin fish
 - Increased selectivity in fisheries
 - Use of locally adapted broodstocks
 - In-basin smolt releases
 - Increased monitoring
- <http://hatcheryreform.us>
 - HSRG Documents
- Final Report - Dec. 2008



