

**DRAFT Data Assessment Team (DAT) Conference Call Notes
12/31/2015 at 11:00 a.m.**

Participants: Barb Byrne (NMFS), Trishelle Morris, Geir Aasen (DFW), Rhiannon Mulligan and Norman Lee (DWR) Leigh Bartoo (FWS) Lucinda Shih (CCWD)

Sacramento River Fish Monitoring update provided by Rhiannon Mulligan (DWR):

Preliminary Rotary Screw Trap (RST) Report				
Species*	FWS Red Bluff Diversion Dam RST (Estimated Passage)	Glenn-Colusa Irrigation District (GCID) RST (Catch)	DFW Tisdale Weir RST (Catch)	DFW Knights Landing RST (Catch)
Date	12/17/2015-12/31/2015	12/22/15-12/30/15	12/23/2015-12/30/2015	12/24/2015-12/30/2015
CHNF	720,646	181	226	237
CHNLF	6,616	11	0	0
CHNW	6,123	35	6	14
CHNS	12,402	0	6	58
Ad-Clipped CHN	Not Reported	112	3	6
SH	308	0	0	0
Ad-Clipped SH	0		0	0
GST	0	0	Not Reported	Not Reported
*Chinook race based on length (Frank Fisher model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead, GST= Green Sturgeon. Species are unmarked unless noted as adipose-fin clipped (ad-clipped). Data subject to revision.				

RBDD- The biweekly report numbers were added to the Sacramento River Fish Monitoring update after the meeting when the report was sent out on 12/31.

GCID- At 4:00pm on 12/24/2015 the cone was lowered and will continue fishing until further notice.

Graphical summaries of the monitoring data collected at the Sacramento River and at other locations can be found at <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>. In addition, the biweekly passage reports of juvenile salmonids sampled at the Red Bluff Diversion Dam are available at http://www.fws.gov/redbluff/rbdd_biweekly.aspx.

Hatchery Update:

Coleman National Fish Hatchery is releasing approximately 592,000 brood year 2015 steelhead into the Sacramento River at Bend Bridge from January 4th- 12, 2016. This group is 100% marked with an adipose fin clip. The average fork length is 195mm

Delta Fish Monitoring update provided by Jon Speegle (FWS) via DAT reflector:

Preliminary FWS Trawl and Seine Catch Report from 12/20/15 to 12/26/15				
Species*	Beach Seines	Mossdale Trawl**	Sacramento Trawl	Chippis Island Trawl
CHNF	26		1	
CHNLF	1		1	5
CHNW	5		4	
CHNS	1			
Ad-Clipped CHN	2		15	14
SH				
Ad-Clipped SH				
DSM				
LFS				1
SPLT				

*Chinook race based on length (Frank Fisher model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead, DSM=Delta Smelt, LFS=Longfin Smelt, SPLT = Splittail. Species are unmarked unless noted as adipose-fin clipped (ad-clipped). Data subject to revision.

Jersey/Prisoner's Point Trawls, 5 DSM (48 - 63 mm, no expression) & no other species of management concern

**No species of management concern for this sampling period

Information about the Delta fish monitoring data from FWS can be found at <http://www.fws.gov/stockton/jfmp/>.

Salvage Monitoring update provided by Geir Aasen (DFW):

Preliminary DFW Salvage Report for Salmonids from 12/21/15 to 12/27/15								
Species	Central Valley Project (CVP)				State Water Project (SWP)			
	Adipose-Fin Clipped (Ad-Clipped)		Non-Adipose Fin Clipped (Non-Clipped)		Adipose-Fin Clipped (Ad-Clipped)		Non-Adipose Fin Clipped (Non-Clipped)	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF							4	18
Total to Date							4	18
CHNLF			8	7			22	96
Total to Date			8	7			22	96
CHNW								
Total to Date								
CHNS								
Total to Date								
CHNU								
Total to Date								
SH								
Total to Date								

Notes: December 22nd is when the first salmonid was salvaged at the fish facilities
 As of 12/28- SWP had no clipped Chinook, 8 non-clipped Chinook for a total loss of 34
 CVP had 10 clipped for a loss of 44

12/29- SWP salvage of 20 clipped Chinook for a loss of 89
 -Chinook race based on length (Delta model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS=Spring run, CHNU= Unknown race (Chinook greater than the length-at-date criteria or fork length not measured), SH =Steelhead.
 -Salvage and loss estimates are rounded to the nearest whole fish.
 -Documentation on how to calculate salvage and Chinook loss can be found at <ftp://ftp.delta.dfg.ca.gov/salvage/Salmon%20Loss%20Estimation/>.
 -Steelhead loss: SWP steelhead loss = salvage x 4.33 and CVP steelhead loss = salvage x 0.68.
 -Total to date is the total since 10/1/13 (the start of water year 2014).
 -Data subject to revision.

Preliminary DFW Salvage Report for Smelt and Other Species from 12/21/15 to 12/27/15*				
Species	CVP		SWP	
	Salvage	Total to Date	Salvage	Total to Date
DSM				
LFS				
SPLT				
GST				
WST				
Notes: -DSM=Delta Smelt, LFS=Longfin Smelt, SPLT=Splittail, GST=Green Sturgeon, WST=White Sturgeon. -Salvage estimates are rounded to the nearest whole fish. -Total to date is the total since 10/1/13 (the start of water year 2014). -Data subject to revision.				

* No Salvage of Smelt has been observed at either fish facility.

Smelt Monitoring Update provided by Trishelle Morris (DFW):

Smelt Larva Survey begins Monday, January 4, 2016

<https://www.wildlife.ca.gov/Conservation/Delta/Spring-Kodiak-Trawl>

Smelt Working Group Update provided by Leigh Bartoo (FWS):

The Working Group met on Monday and Wednesday. On Monday no recommendation was made to change exports. There is a concerned risk of entrainment increase; however, the group is waiting on catch data from Jersey Point and Prisoner’s Point.

On Wednesday the SWG met and decided to not make a recommendation to change Old and Middle River (OMR) flows for Delta Smelt.

The Smelt Working Group notes and FWS determinations are posted at http://www.fws.gov/sfbaydelta/cvp-swp/smelt_working_group.cfm.

Delta Operations for Salmonids and Sturgeon (DOSS) Working Group Update provided by Barb Byrne (NMFS)

- DOSS met on Tuesday, 12/29/15, and provided no advice.
- DOSS notes will be posted later this week
at: http://www.westcoast.fisheries.noaa.gov/central_valley/water_operations/ocapwy2016.html
- RPA Implementation
 - IV.1.2 (DCC ops): DCC gates have been closed since 12/15/15
 - IV.3 (export reductions based on salvage triggers): No RPA action triggers in IV.3 were exceeded over the past week. Action IV.3 ends Dec 31.
 - **REMINDER: Action IV.2.3 (OMR management) goes into effect Friday, January 1.**
- Salvage at Export Facilities
 - First juvenile Chinook (late-fall-run-sized) caught at facilities on 12/22.
 - **First WR-sized Chinook caught at SWP on 12/28** (Official older juvenile loss density for 12/28 is 2.62 fish/TAF).
 - **Note that, at this time, we know the clipped WR are NOT genetic WR because no release of hatchery WR has yet occurred.**
 - Maximum older juvenile loss density observed over past week is 5.55 fish/TAF, which is below the 8 fish/TAF first level trigger in IV.3.
 - **DWR initiated a genetic testing run on Tuesday**
 - the 96-well plate will include tissue samples from all unclipped Chinook salvaged to date in WY 2016, as well as tissue samples from the Chinook moved from the Colusa Drain to the Sacramento River.
 - results expected late Wednesday afternoon (12/30)
- Fish Monitoring -- RIVER & DELTA monitoring
 - Increased flows and turbidities were observed late last week
 - Fish catch (including WR) increased at various sites in connection with increased flows and turbidities
 - RBDD biweekly update expected sometime this week
 - **DOSS estimated that 15-20% of the WR population are in the Delta; 80-85% still upstream -- a 5-10% "downstream" shift since last week.**
 - **DOSS estimated that 1-5% of the young-of-year (YOY) spring-run (SR) population are in the Delta; 95-99% still upstream -- a 4% "downstream" shift in range since last week.**

Full DOSS notes posted at:

http://www.westcoast.fisheries.noaa.gov/central_valley/water_operations/ocapwy2016.html

Operations update provided by Norman Lee (DWR)

Preliminary Summary for 12/17/2015			
SWP		CVP	
Clifton Court Inflow (cfs)	3,000	Jones Pumping Plant (cfs)	2,800
SWP San Luis Reservoir Share (TAF) as of Midnight	344	CVP San Luis Reservoir Share (TAF) as of Midnight	83
San Luis Reservoir Total (TAF) as of Midnight	427	American – Nimbus Reservoir Releases (cfs)	500
Feather – Oroville Reservoir Releases (cfs)	950	Sacramento – Keswick Reservoir Releases (cfs)	3,250
		Stanislaus-Goodwin Reservoir Releases (cfs)	200
DELTA OPERATIONS			
Outflow (cfs)	~3,900	Delta Cross Channel (DCC) Gates	closed
Total Delta Inflow (cfs)	~11,172		
X2 (km)	>81		
Export/Inflow (%)	52.4% (3-day average)		40.6% (14-day average)

Controlling factor: salinity management

A summary of daily operations can also be viewed at <http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>.

Next Conference Call:

January 7th, 2015 at 11am.

Final DAT notes can be viewed at <http://www.water.ca.gov/swp/operationscontrol/calfed/calfeddat.cfm>