**NMFS update for 11/20/15 DCT call:**

**2015 Long-term Operations BiOps Annual Review:**

Event details and all materials (including presentation of panel’s initial findings and recommendations) available at: [http://deltacouncil.ca.gov/events/2015-long-term-operations-biological-opinions-annual-science-review](http://deltacouncil.ca.gov/events/2015-long-term-operations-biological-opinions-annual-science-review%20).

**Latest Red Bluff Diversion Dam (RBDD) Winter-run passage numbers:**

* BY 2014 WR passage at RBDD as of 11/18/14: 354,876
* BY 2015 WR passage at RBDD as of 11/18/15: 252,675 (29% less than BY 2014 passage to date)

**DOSS Update:**

DOSS met on Tuesday, 11/17/15, and provided no advice.

**Fish highlights**:

* No WR-sized Chinook (or any other listed fish species) caught over the past week in Tisdale or Knights Landing rotary screw traps, the Sac trawls, or the beach seines.
* Are still seeing some WR-sized fish in the rotary screw trap sampling at GCID.
* DOSS estimates that <5% of the WR population are in the Delta; >95% still upstream.

**Delta RPA Actions that may affect operations during November:**

**Action IV.1.1** **(Alerts that indicate the Delta Cross Channel (DCC) gate operations may be triggered soon)[[1]](#footnote-1):**

* A DCC alert (first component of the first alert in Action IV.1.1, i.e. Mill Creek or Deer Creek flows over 95cfs) was tripped again (last tripped on 11/9) on 11/15 and 11/16 by flows on Mill Creek on 11/15, and on both creeks on 11/16.  This just says "pay attention – fish might be moving" – no DCC action response required based on alert(s) alone.
* The first component of the second alert was met based on Knights Landing temperatures less than 56.3°F on 11/10-11/16, but the second component (Wilkins Slough flows >7,500 cfs) was not met; the second alert is not triggered unless both components are met.

**Action IV.1.2[[2]](#footnote-2) (DCC gate operations):**

* Since 10/1/15, none of the criteria requiring DCC gate closure have been met.

**Action IV.3[[3]](#footnote-3) (Reduce likelihood of entrainment or salvage at the export facilities, including alert that indicates that export operations may be need be altered)**

* Third alert has not been triggered.
* No salvage-based triggers that would require export reduction have been exceeded over the past week.

Full DOSS notes posted at: <http://www.westcoast.fisheries.noaa.gov/central_valley/water_operations/ocapwy2016.html>

1. For details, see pages 60-61 in Enclosure 2 of the 2011 Amendments to the 2009 RPA document at: [http://www.westcoast.fisheries.noaa.gov/publications/Central\_Valley/Water%20Operations/Operations,%20Criteria%20and%20Plan/040711\_ocap\_opinion\_2011\_amendments.pdf](http://www.westcoast.fisheries.noaa.gov/publications/Central_Valley/Water%20Operations/Operations%2C%20Criteria%20and%20Plan/040711_ocap_opinion_2011_amendments.pdf). Note that in October 2014, NMFS approved a modification of the first component of the first alert to a 95 cfs mean daily flow threshold in either Mill Creek or Deer Creek in lieu of operating the Mill and Deer Creek rotary screw traps. [↑](#footnote-ref-1)
2. For details, see pages 62-66 in Enclosure 2 of the 2011 Amendments to the 2009 RPA document; available at the URL listed in footnote 1. [↑](#footnote-ref-2)
3. For details, see pages 79-80 in Enclosure 2 of the 2011 Amendments to the 2009 RPA document; available at the URL listed in footnote 1. [↑](#footnote-ref-3)