

**OFFICIAL COORDINATION REQUEST FOR  
NON-ROUTINE OPERATIONS AND MAINTENANCE**

**COORDINATION TITLE-** 16BON06 B2CC opening date

**COORDINATION DATE-** 8 February 2016

**PROJECT-** Bonneville Lock and Dam

**RESPONSE DATE-** 22 February but preferably by FPOM (11 Feb)

**Description of the problem** – BPA currently plans to fund operation of the BON PH2 JMF for 12 hours/day during the 2016 sampling season (1 Mar – 31 Oct) as opposed to 24 hours/day as it has in the past. If the JMF is in sample mode for only part of a day, the kelt counts might not be the best indicator of when we meet the kelt trigger (2kelts/2 consecutive days/20 kelts total). A new trigger or a set date may be the best option for 2016.

**Type of outage required** – No outage required. An opening date for the B2CC needs to be coordinated.

**Impact on facility operation** – Condition sub-sampling will occur during those hours when the JMF is in sample mode for the Smolt Monitoring Program. Juveniles will be able to safely pass through the bypass flume when the facility is not in sample mode. Video kelt counts will still be collected during the hours when the JMF is in sample mode.

**Dates of impacts/repairs** – The JMF is normally operated starting 1 March. The B2CC is normally opened between 10 – 22 March (below) depending on when the trigger was met or other coordination (see [100310 BON B2CC](#)).

Historical B2CC kelt trigger dates:

2015 – 10 March

2014 – 17 March

2013 – 22 March

2012 – 19 March

2011 – 14 March

2010 – 14 March

**Length of time for repairs** – The need for a coordinated date is due to the JMF possibly not operating in sample mode 24 hours/day starting 1 March.

**Expected impacts on fish passage** –

Upstream Migrants/Bull Trout – not likely to be affected.

Downstream Migrants – impacts to juveniles are expected to be minimal since the JBS will remain in operation and provide a non-turbine route around BON.

Kelts may be impacted since kelt numbers will not be known for the hours when the JMF is in bypass mode. This could delay opening the B2CC for kelt passage. The ITS will be in operation, with PH1 unit operations being highly variable year-to-year during the early to mid March time frame. PH2 is the priority powerhouse and passes roughly 100 kcfs ( $\pm$  10 kcfs) with the excess flow passing to PH1, thus PH1 operations are dependent on river flows, unit generation, and unit availability (see Table 1).

**Table 1.** Total Bonneville Dam outflows and number of PH1 units operated for 1, 5, 10 and 15 March for the last ten years, and the anticipated 2016 March flows as of 2 February.

Year	1-Mar		5-Mar		10-Mar		15-Mar	
	Total dam discharge (kcfs)	No. PH1 units operated (>2 hrs)	Total dam discharge (kcfs)	No. PH1 units operated (>2 hrs)	Total dam discharge (kcfs)	No. PH1 units operated (>2 hrs)	Total dam discharge (kcfs)	No. PH1 units operated (>2 hrs)
2016*	121		122		125		128	
2015	210	10	198	10	174	10	146	6
2014	148	7	187	10	278	10	268	10
2013	126	10 (PH2 OOS)	132	10 (PH1 priority)	131	10 (PH1 priority)	127	4
2012	136	10 (3 PH2 units OOS)	152	10	149	7	199	10
2011	239	10	203	10	226	10	227	10
2010	113	3	117	1	124	3	120	1
2009	125	4	129	4	123	4	116	2
2008	127	8 (PH1 priority w/ 2 PH1 units OOS)	175	8 (2 PH1, 2 PH2 units OOS)	128	8 (2 PH1, 3 PH2 units OOS)	150	8 (2 PH1, 3 PH2 units OOS)
2007	186	8 (2 PH1 units OOS)	138	7	148	8 (2 PH1, 3 PH2 units OOS)	228	8 (2 PH1, 2 PH2 units OOS)
2006	200	8 (2 PH1, 2 PH2 units OOS)	145	8 (2 PH1, 2 PH2 units OOS)	184	8 (2 PH1, 2 PH2 units OOS)	189	8 (2 PH1, 2 PH2 units OOS)

\*Anticipated March flows taken from <http://www.nwrfc.noaa.gov/stp/station/stpplot/stpplot.cgi?BONO3>

### Comments from agencies

-----Original Message-----

From: Erick VanDyke [mailto:erick.s.vandyke@state.or.us]  
 Sent: Wednesday, February 10, 2016 1:28 PM  
 Subject: [EXTERNAL] RE: FPOM: Official coordination - 16BON06, updated 16BON02 & 16BON03

Afternoon Ida,

This email is to respond formally to 16BON06 MOC - B2CC opening date.

Oregon objects to this change that will reduce separator monitoring from 24 hours per day to 12 hours per day. This change order will significantly alter the smolt monitoring program in 2016 and disrupt the current regionally reviewed and accepted monitoring process. This change request appears to concern funding responsibility and not regional endorsement of the work. Therefore, we recommend no change to the work. The work should continue as planned in 2016. The parties can

use the additional time to resolve any funding dispute in a less disruptive collaborative fashion, with the intent to have a solution in place prior to 2017.

Erick Van Dyke  
Oregon Department of Fish and Wildlife  
17330 SE Evelyn Street  
Clackamas, Oregon 97015  
Voice: 971-673-6068  
Fax: 971-673-6073

**Final results – RETRACTED at the 2/11/16 FPOM.**

Please email or call with questions or concerns.  
Thank you,  
Ida

Ida Royer  
NWP Operations Division Fishery Section  
Columbia River Coordination Biologist  
[Ida.M.Royer@usace.army.mil](mailto:Ida.M.Royer@usace.army.mil)