

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

COORDINATION TITLE- 22BON006 B2CC operation in-lieu of the kelt trigger

COORDINATION DATE- 18 March 2022

PROJECT- Bonneville Lock and Dam

RESPONSE DATE- 21 March 2022

Description of the problem – Due to the frequent operation of the B2CC this spring, the kelt trigger is not likely to be met, even after the B2CC is expected to close on 20 March.

See MFR [22BON005 early release of 10.8M tules from SCNFH](#)
[22BON005 attachment 1 SOR 2022-2](#)

The Policy Team met and agreed to leave the B2CC open after the expiration of teletype BON R 031622 1208 OPERATION OF THE POWERHOUSE TWO CORNER COLLECTOR

An email was sent to FPOM on 18 March –

Subject: FPOM: Official Coordination - leaving the B2CC open after Sunday

A MOC/MFR will be coming, however, in the meantime, I need thoughts from FPOM on keeping the B2CC open after Sunday to facilitate kelt passage. There have been different conversations occurring at different levels and we need to bring it together in a FPOM coordination.

We recommend opening during daylight hours every day. BON needs the B2CC closed to accommodate some avian line work next week.

I know it's Friday so let's plan on a Monday afternoon call, if we need it.

Thank you,
Tammy

Type of outage required – The B2CC would remain open 24 hours a day/seven days a week, continuing from 20 March 2022.

Impact on facility operation – There would be no unusual impact on the facility. There will need to be a coordinated closure to allow BON Project to reinstall avian lines. This should take one day or less.

Dates of impacts/repairs – The B2CC has been open, continuously, since 16 March and will continue to remain open, aside from coordinated closures, until the end of spill season (31 August).

Length of time for repairs – NA for this coordination

Analysis of potential impacts to fish – No unusual impacts anticipated since the B2CC would normally be open around this time if the kelt trigger were to be in place.

Summary statement - expected impacts on:

There are no negative impacts anticipated with this operation. This coordination allows for the B2CC to remain open through 31 August in-lieu of meeting the kelt trigger.

Comments from agencies

RCC - Sent to: CO

XX
XXXXX

BON R 031822 1410 CO BON TDA JDA MCN BPA BPC NPD NPC NPP

ATTENTION: BONNEVILLE AND BPA

SUBJECT: OPERATION OF THE POWERHOUSE TWO CORNER COLLECTOR 2

REFERENCE CBT MSG:

BON R 031622 1208 OPERATION OF THE POWERHOUSE TWO CORNER COLLECTOR

1. EFFECTIVE IMMEDIATELY AND CONTINUING UNTIL FURTHER NOTICE,
CONTINUE
OPERATION OF THE BONNEVILLE DAM POWERHOUSE TWO CORNER COLLECTOR
(B2CC) CONTINUOUSLY.

2. THIS CBT MSG REPLACES REFERENCE CBT MSG BON R 031622 1208 OPERATION
OF THE POWERHOUSE TWO CORNER COLLECTOR.

3. OPERATION OF THE B2CC AT THIS TIME IS A MODIFICATION TO THE 2022
FISH PASSAGE PLAN (FPP) CRITERIA AS DESCRIBED IN SECTION 2.3.2.5.V
ON PAGE BON-20.

THE FPP MAY BE FOUND ON THE FOLLOWING WEBSITE.

<http://pweb.crohms.org/tmt/documents/fpp/2022/>

NOAA FISHERIES REQUESTED THIS OPERATION OF THE B2CC BECAUSE THE
PREVIOUS OPERATION OF THE B2CC FOR REFERENCE CBT MSG BON R 031622 1208
MAY HAVE PRECLUDED DATA FROM BEING COLLECTED THAT MAY HAVE
RESULTED IN
OPERATION OF THE B2CC THAT GENERALLY IS IN OPERATION BY MARCH 20.

4. THIS OPERATION WAS REQUESTED BY DOUG BAUS (COE-NWD) AND WAS
COORDINATED AT THE MARCH 18, DEPUTIES MEETING, AND VIA EMAIL
COORDINATION TO FPOM ON MARCH 18. THIS OPERATION WAS ALSO
COORDINATED WITH JEFF FAUTH (COE-BON); PAUL KOSKI(BPA); AND TAMMY
MACKEY (CORPS-NWP).

DOUG BAUS
CENWD-PDW-RC

XX
XXXXX

NOAA Fisheries –

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

From: Trevor Conder - NOAA Federal <trevor.conder@noaa.gov>

Sent: Friday, March 18, 2022 11:50 AM

To: Mackey, Tammy M CIV USARMY CENWP (USA) <Tammy.M.Mackey@usace.army.mil>

Subject: [Non-DoD Source] Re: FPOM: Official Coordination - leaving the B2CC open after Sunday

Tammy,

Given that the kelt trigger has been completely compromised with recent operations, and in most years we have hit the trigger by the 20th, and this a low return year causing concern for the trigger metric in the first place, NOAA supports having the corner collector open from now through the spill season.

-Trevor

--

Trevor Conder
NOAA Fisheries
260 Mystery Drive
Amboy Wa 98601
(360) 247-6733
(360) 953-3875 Cell

BPA –

From: Sullivan, Leah S (BPA) - EWP-4 <lssullivan@bpa.gov>

Sent: Friday, March 18, 2022 10:57 AM

To: Feil, Daniel H CIV USARMY CENWD (USA)

<Dan.H.Feil@usace.army.mil>

Cc: Scott Bettin <swbettin@bpa.gov>; Tony Norris

<ranorris@bpa.gov>

Subject: [Non-DoD Source] RE: B2CC

Thank you Dan.

BPA understands the request from NOAA during today's 5-agency Deputies meeting and the new information surrounding atypical operations at Bonneville Dam that have precluded data from being collected to meet the kelt trigger, which is often met by March 20. Based on Colotelo et al. studies on kelt passage during late March and April, BPA leadership supports the continued operation of the B2CC for kelt passage beyond March 20 at 13:00 and through the start of spring spill operations, when it does not interfere with the Corps maintenance needs.

BPA leadership is aware of and supports the subgroup that has formed to work through the regional forum process and address potential future modifications that could be applied to the

current kelt biological trigger that is tied with the operation of the B2CC.

I will follow-up with our TMT members, Tony Norris and Scott Bettin as soon as feasible today. I have cc'd them here to help with communications.

Leah

CRITFC-----Original Message-----

From: Tom Lorz <lort@critfc.org>
Sent: Friday, March 18, 2022 2:53 PM
To: Mackey, Tammy M CIV USARMY CENWP (USA) <Tammy.M.Mackey@usace.army.mil>;
Subject: [Non-DoD Source] Re: FPOM: Official Coordination - leaving the B2CC open after Sunday

I will be out Monday but anything we can do keep the CC open would be good. Daytime preferred. 24 hours best. We can work around the avian work, ie open a few hours in the morning prior to folks working, such as possibly hour before sunrise until they need to close for work and then reopen until at least sun set? Will try to call in but will be in the northern lands of Canada.

thanks

Tom Lorz
CRITFC

WDFW-----Original Message-----

From: Morrill, Charles (DFW) <Charles.Morrill@dfw.wa.gov>
Sent: Friday, March 18, 2022 10:36 AM
To: Mackey, Tammy M CIV USARMY CENWP (USA) <Tammy.M.Mackey@usace.army.mil>
Subject: [Non-DoD Source] RE: FPOM: Official Coordination - leaving the B2CC open after Sunday
Importance: High

Happy Friday All ;-)
Ok ... I can do a Monday p.m. conf call.

I do want to hear from others but opening during the daylight hours I think is not an unreasonable approach.

Charlie

Final coordination results

220321 13:00 – 13:30 FPOM Call –
BPA – Scott Bettin, Christine, Petersen, Ben Hausmann
IDFG – Jonathan Ebel

WDFW- Charlie Morrill
ODFW –
NOAA – Trevor Conder
BON – Andrew Derugin, Jeanette Wendler, Becca Cates, Tucker Gossett, Scott MacKinnon
NWP – Tammy Mackey
RCC – Lisa Wright

B2CC will remain open 24/7 until 31 August. BON Project needs to coordinate a closure of B2CC and Bay 18 to hang the avian lines.

FPOM agrees with closing the B2CC at 0800 until the end of the day to allow for the avian line work. Conder noted that NOAA doesn't object but would prefer to have this type of work completed prior to mid-March to avoid impacting the B2CC operation.

Derugin explained that the work was scheduled sooner, but to overlap with USGS work, they delayed the work a bit.

Bettin asked Conder about the purpose of this operation. Conder explained NOAA felt the trigger was compromised due to the other previous B2CC operations.

Derugin said there is a hydro-survey crew coming out to survey the PH2 forebay. BON and the hydro-survey crew will work to coordinate activities for the same day to reduce the need for closures.

Wright will draft the teletype to allow for the closure of the B2CC from 0800 until the work is completed or 1700, whichever occurs first, on 22 March 2022.

XX
BON R 032122 1613 CO BON TDA JDA MCN BPA BPC NPD NPC NPP

ATTENTION: BONNEVILLE AND BPA

SUBJECT: [REVISION #3] OPERATION OF THE POWERHOUSE TWO CORNER COLLECTOR

REVISE/REPLACE CBT:
BON R 031622 1208 OPERATION OF THE POWERHOUSE TWO CORNER COLLECTOR 2

* ADDED PARAGRAPH 1.B WITH GUIDANCE ON CLOSING THE B2CC ON MARCH 22 FOR AVIAN LINE REPAIR.

1. EFFECTIVE IMMEDIATELY AND CONTINUING UNTIL FURTHER NOTICE, OPERATE THE BONNEVILLE DAM POWERHOUSE TWO CORNER COLLECTOR (B2CC) ALL HOURS, EXCEPT AS NOTED BELOW:

* 1.B) CLOSE THE B2CC ON TUESDAY, MARCH 22, AT 0800cHOURS FOR A BOAT TO ACCESS THE BRZ AND REPAIR AVIAN LINES. ESTIMATED DURATION IS APPROXIMATELY 9 HOURS. THE START TIME MAY BE ADJUSTED LATER IF REQUESTED BY THE BOAT OPERATOR. UPON NOTIFICATION THAT THE BOAT HAS EXITED THE BRZ, RE-OPEN THE B2CC

AND RESUME OPERATING THE B2CC 24 HOURS/DAY. THE POINT-OF-CONTACT FOR THIS WORK IS SCOTT MAC KINNON, 541-374-3858.

2. THIS OPERATION SUPERSEDES CRITERIA IN THE 2022 FISH PASSAGE PLAN (FPP) SECTION 2.3.2.5.V ON PAGE BON-20. THE ABILITY TO COUNT KELTS AT THE BONNEVILLE DAM SMOLT MONITORING FACILITY (SMF) HAS BEEN IMPACTED BY RECENT OPERATIONS OF THE B2CC AND SPILLWAY DURING INVOLUNTARY SPILL, AS WELL AS THE SUSPENSION OF SMF SAMPLING FROM MARCH 11 THROUGH MARCH 20 DUE TO MULTIPLE EMERGENCY RELEASES FROM THE SPRING CREEK FISH HATCHERY. THESE FACTORS REDUCED THE ABILITY TO COUNT KELT AT THE SMF. THUS, THE KELT TRIGGER CRITERIA IN THE FPP IS NOT APPLICABLE THIS YEAR.

3. THIS OPERATION WAS COORDINATED WITH DOUG BAUS, ALEXIS MILLS, ERIC CHOW, AND RICH HILT (COE-RCC); TAMMY MACKEY (COE-NWP); SCOTT BETTIN (BPA); SCOTT MAC KINNON, ANDREW DERUGIN, AND JEFF FAUTH (COE-BON); AND WITH REGIONAL FISH MANAGERS VIA FPOM CONFERENCE CALL ON MARCH 21.

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

Tammy Mackey
Acting Columbia River Coordinator
Tammy.m.mackey@usace.army.mil
503-961-5733