

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

COORDINATION TITLE- 16JDA04 BRZ Avian Lines

COORDINATION DATE- 15 August 2016; Updated on 10/13/2016

PROJECT- JD Tailrace BRZ Avian Lines' reinstallation and improvements in 2016/2017.

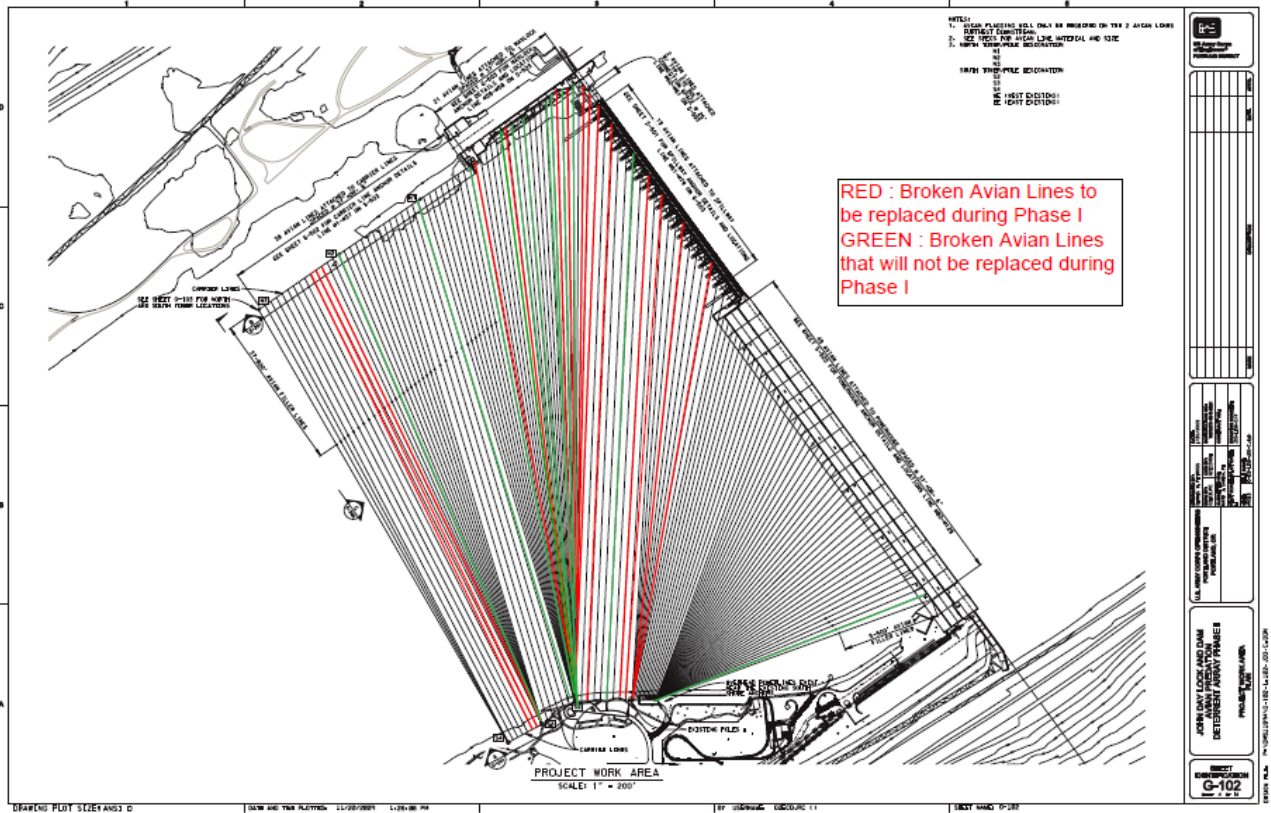
RESPONSE DATE- 30 September 2016

Description of the problem

John Day Avian Array Improvements will be divided into two phases and two separate contracts. Phase I will address immediate concerns for the 2017 juvenile salmonid passage season. Phase II will address overall improvement of the avian array for the 2018 fish passage season.

Phase I will replace 15 lines extending from the Oregon Shore Towers to the Spillway, Navigation Lock and Peninsula (See photo below for visual purposes). Lines 10, 11 12 will be replaced for the Peninsula. Lines 61, 63, 68, 70, 73, 77 will be replaced for the Spillway. Lines 39, 45, 54, 56, 59, 60 will be replaced for the Navigation Lock. The lines will be restrung with 3/16" diameter Vectran Rope (a liquid crystal polymer with negligible creep). The replacement lines will be installed using the existing dampening connection along the Oregon Shore tower and the existing winches along the Navigation Lock. For all restrung lines, cable slings will be added to the Oregon Shore Tower, S2 connection point to minimize abrasion. A cable tension meter will be provided such that operations will have quantitative means to tension the rope. Work is expected to occur along the Spillway and Navigation Lock, as well as the Oregon shore towers, S1, S2 and S3, S4 (including carrier lines).

The remainder of fallen lines will be replaced for Phase II. Phase II will include minor design modifications and a completed O&M Manual. Sheaves will be added to spillway tower endpoints to allow ropes to terminate where operations personnel have simple access. Construction for Phase II is anticipated to begin December, 2017.



Type of outage required

None. This work can be done at any time and no outage of any kind is necessary.

Impact on facility operation

None

Dates of impacts/repairs

For phase I, the anticipated date of repair will occur between Dec 1st 2016 and Feb 28th 2017. If not completed by the end of February (contingency,) the work may continue through March. Work for Phase I will end by April 1st 2017.

SCHEDULE UPDATE:

IWW within 50' of the fishway entrances and SMF outfall - up until 28 Feb
 Boat work to get lines installed - up until 1 Apr. Spill starts 10 April.
 No in-water work but continue to install lines - up until 1 May

Length of time for repairs

Length of time for Phase I is still TBD. For Phase II, the anticipated repair duration is two months.

Expected impacts on fish passage

None since the reinstallation activities are low key, will be performed from the Navlock deck, a sufficient/safe distance away from the JD North Upper Ladder.

Comments from agencies

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

From: Gary Fredricks - NOAA Federal [mailto:gary.fredricks@noaa.gov]

Sent: Thursday, October 20, 2016 3:36 PM

To: Kovalchuk, Erin H NWP <Erin.H.Kovalchuk@usace.army.mil>

Subject: [EXTERNAL] JDA Avian Line MOC

Erin, I reviewed what I think is the latest version of the MOC, the one on the FPOM page for the October meeting (these should be re-dated with each update). As discussed at FFDRWG today, I concur with the change to continue install up to 1 May. Thanks, Gary

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

From: Tom Lorz [mailto:lorz@critfc.org]

Sent: Monday, September 19, 2016 1:08 PM

To: Kovalchuk, Erin H NWP <Erin.H.Kovalchuk@usace.army.mil>

Subject: [EXTERNAL] Re: FPOM: Official Coordination 16JDA04 MOC Avian Lines

one question about the work, could we have the work that would impact the tribal platforms done first so if work does go into March there would reduce chance of impacting the tribal fisheries there. It is unusual to have spring chinook fishing that early but to avoid any conflict getting the work done by the platform area first would be appreciated.

thanks

tom lorz

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

From: Gary Fredricks - NOAA Federal
[mailto:gary.fredricks@noaa.gov <mailto:gary.fredricks@noaa.gov>]

Sent: Thursday, September 15, 2016 3:26 PM

To: Kovalchuk, Erin H NWP <Erin.H.Kovalchuk@usace.army.mil

<mailto:Erin.H.Kovalchuk@usace.army.mil> >; Mackey, Tammy M NWP
<Tammy.M.Mackey@usace.army.mil <mailto:Tammy.M.Mackey@usace.army.mil> >

Cc: Lorz, Tom <lorz@critfc.org <mailto:lorz@critfc.org> >;
Zyndol, Miroslaw A NWP <Miroslaw.A.Zyndol@usace.army.mil

<mailto:Miroslaw.A.Zyndol@usace.army.mil> >

Subject: [EXTERNAL] Re: FPOM: Official Coordination 16JDA04 MOC Avian Lines

Erin/Tammy, I know we discussed this in FPOM, but now that I see it I guess I'm a little confused on why this is even an MOC. The only out of criteria issue is having some lines down for the 2017 season, yet that isn't even discussed as a criteria issue. If this is the MOC for the repair plan, where is the repair plan? If this is the plan,

I'd like to see a better resolution example of the drawing of the wires. Thanks, Gary

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

From: Gary Fredricks - NOAA Federal [mailto:gary.fredricks@noaa.gov]
Sent: Thursday, October 20, 2016 3:36 PM
To: Kovalchuk, Erin H NWP <Erin.H.Kovalchuk@usace.army.mil>
Cc: Zyndol, Miroslaw A NWP <Miroslaw.A.Zyndol@usace.army.mil>; Mackey, Tammy M NWP <Tammy.M.Mackey@usace.army.mil>
Subject: [EXTERNAL] JDA Avian Line MOC

Erin, I reviewed what I think is the latest version of the MOC, the one on the FPOM page for the October meeting (these should be re-dated with each update). As discussed at FFDRWG today, I concur with the change to continue install up to 1 May. Thanks, Gary

Final results- FPOM concurred with this action at the October FPOM and it can proceed with the updated schedule.

Please email or call with questions or concerns.

Thank you,
Erin

Erin Kovalchuk
NWP Operations Division Fishery Section
Columbia River Coordination Biologist
541-298-7405
Erin.H.Kovalchuk@usace.army.mil

Miro Zyndol
Chief of Fisheries
John Day Dam
Miroslaw.A.Zyndol@usace.army.mil