

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

COORDINATION TITLE - 16DET02 Ladder Outage

COORDINATION DATE - 17 February 2016

PROJECT - Minto Fish Facility

RESPONSE DATE - 02 March 2016

Description of the problem - A PIT antenna system needs to be installed on 02 March and is outside the ladder outage period detailed in the Willamette Fish Operations plan at the Minto Fish Facility.

Type of operation required - The fish ladder will be out of service on 02 March at the Minto Fish Facility.

Impact on facility operation - The ladder at the Minto Fish Facility will not be available to operate on 02 March.

Dates of impacts/repairs - 02 March.

Expected impacts on fish - The outage of the fish ladder will minimally affect collection and passage of returning adult winter steelhead as the ladder is expected to be down for only half of a day.

Comments from agencies

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

From: Greg Grenbemer [mailto:greg.a.grenbemer@state.or.us]
Sent: Wednesday, February 24, 2016 9:23 AM
To: Walker, Christopher NWP <Christopher.E.Walker@usace.army.mil>
Subject: [EXTERNAL] FW: FW: PIT Antennas at Minto Fish Facility
(UNCLASSIFIED)

FYI, Greg

From: Stephanie Burchfield- NOAA Federal
[mailto:stephanie.burchfield@noaa.gov]
Sent: Thursday, February 18, 2016 9:45 AM
To: Lance Kruzic - NOAA Federal
Cc: Greg Grenbemer; Ed Meyer - NOAA Federal
Subject: Re: FW: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

Yes, but why did it take so long to get the antennas? Fenton was sending emails to folks back in October.

Stephanie Burchfield
Fisheries Biologist
NOAA Fisheries West Coast Region

U.S. Department of Commerce
1201 NE Lloyd Blvd, Suite 1100
Portland OR 97232
503-736-4720

stephanie.burchfield@noaa.gov <mailto:stephanie.burchfield@noaa.gov>

Blockedwww.westcoast.fisheries.noaa.gov
<Blockedhttp://www.westcoast.fisheries.noaa.gov>

On Wed, Feb 17, 2016 at 3:36 PM, Lance Kruzic - NOAA Federal
<lance.kruzic@noaa.gov <mailto:lance.kruzic@noaa.gov> > wrote:

Sounds fine to me. Stephanie?

On Wed, Feb 17, 2016 at 12:57 PM, Greg Grenbemer
<greg.a.grenbemer@state.or.us <mailto:greg.a.grenbemer@state.or.us> >
wrote:

Greetings, please see below, looks like a half day shut down on the 2nd
of March would be enough time for installation of the 3 PIT antennas.
Is this acceptable ? Greg

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

From: Derrek M Faber [mailto:derrek.m.faber@state.or.us
<mailto:derrek.m.faber@state.or.us>]
Sent: Wednesday, February 17, 2016 12:51 PM
To: Greg Grenbemer; Khan, Fenton O NWP (Fenton.O.Khan@usace.army.mil
<mailto:Fenton.O.Khan@usace.army.mil>)
Subject: RE: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

Ok, can we aim for March 2nd as an install date? The afternoon of the
2nd should be enough time to install the three PIT antennas into the
ladder.

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

From: Greg Grenbemer [mailto:greg.a.grenbemer@state.or.us
<mailto:greg.a.grenbemer@state.or.us>]
Sent: Wednesday, February 17, 2016 11:54 AM
To: Derrek M Faber; Khan, Fenton O NWP
Cc: Ryan Couture (ryan.b.couture@state.or.us
<mailto:ryan.b.couture@state.or.us>); Cameron Sharpe - OSU; Elise X
Kelley (elise.x.kelley@state.or.us <mailto:elise.x.kelley@state.or.us>
)
Subject: RE: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

We activated the ladder yesterday, let me know which days you want it
de-watered and I will get the approval, the earlier the better as far
as STW numbers, Greg

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

From: Derrek M Faber [mailto:derrek.m.faber@state.or.us
<mailto:derrek.m.faber@state.or.us>]
Sent: Wednesday, February 17, 2016 10:25 AM
To: Khan, Fenton O NWP; Greg Grenbemer
Cc: Derrek M Faber
Subject: RE: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

Hi Greg,

Is the Minto ladder still shut-down? If so, we could install PIT antennas next Tuesday(23rd) or Wednesday(24th). If not, then we can wait to get agency approval and install the first or second week of March. Installation of the antennas should only take one day (potentially 1/2 day of ladder down-time if we spend 1/2 day to prep onsite).

Any info would be great.

Thanks!
-Derrek.

Derrek Faber
Project Leader
Deschutes Hatchery Stray Steelhead Study Fifteenmile Steelhead
Production Study Willamette PIT Installations

ODFW | The Dalles Mid-C Fish Research Office
3600 Crates Way
Building 2 Suite A
The Dalles, OR 97058
W: (541) 296-3023 x221 <tel:%28541%29%20296-3023%20x221>
C: (541) 490-2474 <tel:%28541%29%20490-2474>

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

From: Khan, Fenton O NWP [mailto:Fenton.O.Khan@usace.army.mil
<mailto:Fenton.O.Khan@usace.army.mil>]
Sent: Friday, January 29, 2016 8:38 AM
To: Greg Grenbemer
Cc: Derrek M Faber
Subject: RE: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Hi Greg,

The antennas won't be ready until later in February (around the end of the month). We will give you lead time to coordinate the shut-down with the agencies. I hope it won't be too much of a hassle.
Fenton

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

From: Greg Grenbemer [mailto:greg.a.grenbemer@state.or.us
<mailto:greg.a.grenbemer@state.or.us>]
Sent: Friday, January 29, 2016 8:08 AM
To: Khan, Fenton O NWP <Fenton.O.Khan@usace.army.mil
<mailto:Fenton.O.Khan@usace.army.mil> >
Subject: [EXTERNAL] RE: PIT Antennas at Minto Fish Facility
(UNCLASSIFIED)

We are currently completely shut down now, If we waited to later in February I will need some lead time to get permission from all the agencies. Greg

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

From: Khan, Fenton O NWP [mailto:Fenton.O.Khan@usace.army.mil
<mailto:Fenton.O.Khan@usace.army.mil>]
Sent: Tuesday, January 26, 2016 3:33 PM
To: 'Greg Grenbemer'; Derrek M Faber
Subject: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Hello Greg,

It has been a while since we discussed the PIT antennas at Minto. Derrek Faber (ODFW) is our PIT antenna guy and will be the lead for installing them at Minto. Derrek recently completed most of the PIT installations at the new Foster ladder and things went well there. At this time, Derrek would like to install the antennas at the Minto sometime around the end of February or beginning of March. The ladder would have to be dewatered for a couple of days.

Could you let us know if there are any particular dates that would work or not work for you for Derrek to get into the ladder, so we could plan accordingly?

Derrek is copied to this email, so you have his email address.

Thank you
Fenton

Fenton Khan
Environmental Resource Branch
US Army Corps of Engineers, Portland District
333 S.W. First Ave.
Portland, OR 97204
(503) 808-4777 <tel:%28503%29%20808-4777>
Fenton.O.Khan@usace.army.mil <mailto:Fenton.O.Khan@usace.army.mil>

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

From: Khan, Fenton O NWP
Sent: Monday, November 23, 2015 12:06 PM
To: Greg Grenbemer; White, Aaron NWP; Butler, James C NWP
Subject: RE: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Hello Greg,

We had a good walk though at Minto last Wednesday. Did not get to send you an email until now. Aaron and another staff from Foster did with the walk through with me and Derrek (who will be installing the PIT antennas).

Aaron knows what we need as far as power and conduits and could fill you in on where we will route the conduits. Basically, the conduit will run alongside the ladder all the way down to the entrance.

One question we have is a location for the PIT antenna master controller (MC) panel. We will have to mount the master controller

panel some place under the covered area by the pre-sort pool, where the controls are located. We want to make sure we are not in your way because the MC panel will be there permanently. Could we put it in the corner next to the control station? See picture with red arrow. Or, we could put it on the other side of the control station (see alternate picture). Either of these locations would work for us.

Also, see picture of what the MC panel looks like. It won't take up much space.

Give me a call if you have questions.

Thanks
Fenton

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

From: Greg Grenbemer [mailto:greg.a.grenbemer@state.or.us
<mailto:greg.a.grenbemer@state.or.us>]
Sent: Monday, November 16, 2015 9:26 AM
To: Khan, Fenton O NWP
Cc: Butler, James C NWP
Subject: [EXTERNAL] RE: PIT Antennas at Minto Fish Facility
(UNCLASSIFIED)

I will be leaving for a meeting at 10 am, back around 2pm, not sure you need me present, Greg

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

From: Khan, Fenton O NWP [mailto:Fenton.O.Khan@usace.army.mil
<mailto:Fenton.O.Khan@usace.army.mil>]
Sent: Monday, November 16, 2015 8:43 AM
To: Butler, James C NWP; Greg Grenbemer; White, Aaron NWP
Cc: Gardner, Steven NWP
Subject: RE: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Hello Jim, Aaron, and Greg,
We are still planning to come out to Minto tomorrow (NOV 17) to do the walk through for PIT antennas. We have a few stops at some other research sites, so we won't get to Minto until sometime around 1100 hrs. Would 1100 hrs work for you?

Thanks
Fenton

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

From: Butler, James C NWP
Sent: Monday, November 02, 2015 9:35 AM
To: Greg Grenbemer; Khan, Fenton O NWP
Cc: Gardner, Steven NWP; White, Aaron NWP
Subject: RE: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Fenton,

What time do you have in mind on the 17th? I've got Aaron White lined out to meet with you to do your walk through, unfortunately I won't be there but Aaron is an Ace Electrician from Detroit and will square you away. Thanks.

Jim

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

From: Greg Grenbemer [mailto:greg.a.grenbemer@state.or.us
<mailto:greg.a.grenbemer@state.or.us>]
Sent: Sunday, November 01, 2015 12:40 PM
To: Khan, Fenton O NWP; Butler, James C NWP; Greg Grenbemer
Cc: Gardner, Steven NWP
Subject: [EXTERNAL] RE: PIT Antennas at Minto Fish Facility
(UNCLASSIFIED)

Works for me, Greg

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

From: Khan, Fenton O NWP [mailto:Fenton.O.Khan@usace.army.mil
<mailto:Fenton.O.Khan@usace.army.mil>]
Sent: Tuesday, October 27, 2015 1:55 PM
To: Butler, James C NWP; Greg Grenbemer
Cc: Gardner, Steven NWP
Subject: RE: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Thanks, Jim. I know you guys are swamped right now and appreciate the support.

Can we meet at Minto on Nov 17? Would that day work for you and your electrician? We could walk the site and figure out what all needs to be done.

Greg, would Nov 17 work for you for us to meet at Minto?

Thanks

Fenton

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

From: Butler, James C NWP
Sent: Tuesday, October 27, 2015 9:08 AM
To: Khan, Fenton O NWP; Greg Grenbemer
Cc: Gardner, Steven NWP
Subject: RE: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Fenton,

All I need is a couple of days advance notice to support, I'm flexible on the dates, however later November is better for us. Thanks for the heads up.

Respectfully,

Jim

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

From: Khan, Fenton O NWP
Sent: Tuesday, October 27, 2015 9:03 AM
To: Butler, James C NWP; Greg Grenbemer
Cc: Gardner, Steven NWP
Subject: PIT Antennas at Minto Fish Facility (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Jim and Greg,

We would like to install PIT antennas for fish research at the Minto fish ladder. The antennas will remain in the ladder for long term monitoring. We are doing the same at Foster fish facility.

ODFW will be installing the PIT antennas and maintaining them. One of their staff out of The Dalles office is our PIT antenna expert.

We would like to come out to Minto for a site visit and walk though and discuss the antenna installation sometime in the next couple of weeks. I am waiting to get some dates from the other guy, but wanted to get this email out as a heads up.

Jim, we will require some electrical support from Detroit staff. It will require running a conduit and hooking up electrical power.

I will send some dates and coordinate the visit once I hear back from the PIT antenna guy. Just wanted to give you a heads up.

Thanks

Fenton

Fenton Khan
Environmental Resource Branch
US Army Corps of Engineers, Portland District
333 S.W. First Ave.
Portland, OR 97204
(503) 808-4777 <tel:%28503%29%20808-4777>
Fenton.O.Khan@usace.army.mil <mailto:Fenton.O.Khan@usace.army.mil>

Final results - The fish ladder was out of service on 02 March at the Minto Fish Facility and is was returned back online.

Please email or call with questions or concerns.

Thank you,
Chris Walker
NWP Operations Division Fishery Section
Willamette Fish Operations Coordination Biologist
503.808.4316
Christopher.E.Walker@usace.army.mil

Fenton Khan
Environmental Resource Branch
US Army Corps of Engineers, Portland District
333 S.W. First Ave.
Portland, OR 97204
(503) 808-4777
Fenton.O.Khan@usace.army.mil