Yes we do

Jeff's comments are in line with what Mike proposed and I thought we agreed to. Still need to finalize the info for Area B so we can get this started.

Deb - looks like you were dropped from a couple other emails that circulated on this one <FYI - Refer to Att. 2 files>

My edits included. Can we finalize today and send out?

L:\3-commercial\Area B Seine Area 28\HoweSoundLetter MH-LI JUL30 ds.docx

Thanks for drafting up the letter Mike. I have provided a few suggested changes. We may want to have a call with Jeff Grout at some point or discuss this in the Friday morning wise person meeting to ensure folks are on side with the approach.
A very rough draft is attached.

Mike

Thanks Mike

I'll do a first draft of a short letter.

Mike

I would like to but unfortunately I'm really swamped with other duties at this time.

B.

Good idea Barb. Perhaps you can draft something up for us to comment on.

Les
It may be helpful for all if we provide Chris with something in writing to avoid any further misunderstanding RE: our approach.

From: Jantz, Lester  
Sent: 2015–July-30 8:13 AM  
To: Mueller, Barbara; Nener, Jennifer  
Cc: Hawkshaw, Mike; Sneddon, Debra  
Subject: RE: Area B SN-Area 28 Howe Sound Pink Fishery: FYI & Follow-up Req.

Ok. Did not get that from your summary below.

From: Mueller, Barbara  
Sent: 2015–July-30 8:10 AM  
To: Jantz, Lester; Nener, Jennifer  
Cc: Hawkshaw, Mike; Sneddon, Debra  
Subject: RE: Area B SN-Area 28 Howe Sound Pink Fishery: FYI & Follow-up Req.

Yes, we discussed 1 boat outside & 1 mid-area for 2d/week to start and evaluate as we go along, with potential to increase to 2 boats

From: Jantz, Lester  
Sent: 2015–July-30 7:45 AM  
To: Mueller, Barbara; Nener, Jennifer  
Cc: Hawkshaw, Mike; Sneddon, Debra  
Subject: RE: Area B SN-Area 28 Howe Sound Pink Fishery: FYI & Follow-up Req.

Barb,

When we discussed this the other day I believe the suggested approach was to start with one boat the first week in each of the outside and middle areas fishing for two days. Based upon the catches in the two areas and the observations of pinks going into the Squamish we would either continue with this pattern or increase to two boats in each of the areas or increase to three days with one boat in the areas and possibly consider opening up the inside area as well. Going forward we would evaluate the results each week and decide on the fishing pattern and effort the following week or weeks.

Les

From: Mueller, Barbara  
Sent: 2015–July-27 7:32 AM  
To: Nener, Jennifer; Jantz, Lester  
Cc: Hawkshaw, Mike; Sneddon, Debra  
Subject: RE: Area B SN-Area 28 Howe Sound Pink Fishery: FYI & Follow-up Req.

Good Morning,

Following our discussions on Friday and agreed-upon approach, I spoke with Chris Ashton and outlined for him our decision—as you’ll recall, it was as follows:

- 1 boat to start in 1st week (early as this week)
- evaluate as we go along to get sense of fish moving thru the system;
- option to introduce a second boat starting next week.

Chris said he would discuss this with other Area B advisors over the weekend and give some thoughts to how to best set limits on retention.
Chris requested a follow-up meeting/discussion with DFO staff.

Thx.,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
c.: Email: barbara.mueller@dfo-mpo.gc.ca

s.21(1)(a)  
s.21(1)(b)  
s.21(1)(c)  
s.19(1)

From: Nener, Jennifer  
Sent: 2015-July-23 12:48 PM  
To: Mueller, Barbara; Jantz, Lester
Cc: Hawkshaw, Mike; Sneddon, Debra  
Subject: RE: Area B SN-Area 28 Howe Sound Pink Fishery: FYI & Follow-up Req.

Barb we should have a quick chat – maybe first thing in the morning tomorrow? We could consider some other options that would provide info while addressing Area B concerns e.g. 2 boat max, 3 days in a row (1 day in each area), and depending on how things are unfolding, followed by a day or two off. This would allow collection of info while addressing the logistical challenges of alternate days.

Should also discuss trigger for starting – is there a specific date and/or set of circumstances in mind?

Apologies if this is back-tracking a bit for you but I have not been plugged into the dialogue for a few weeks.

Jennifer

From: Mueller, Barbara  
Sent: 2015-July-23 11:41 AM  
To: Nener, Jennifer; Jantz, Lester
Cc: Hawkshaw, Mike; Sneddon, Debra  
Subject: RE: Area B SN-Area 28 Howe Sound Pink Fishery: FYI & Follow-up Req.

Yes, we’d refer to it as either a LP, or “Exploratory” fishery. To be clear, I don’t have a call scheduled with Chris yet as I was holding off to hear that we’re all in agreement on where things stand.

From: Nener, Jennifer  
Sent: 2015-July-23 11:23 AM  
To: Mueller, Barbara; Jantz, Lester
Cc: Hawkshaw, Mike; Sneddon, Debra  
Subject: RE: Area B SN-Area 28 Howe Sound Pink Fishery: FYI & Follow-up Req.

Thanks for the update Barb. Have not had time to review and consider the details but would request that this fishery be called a “limited participation fishery” or something along those lines

What time is your call with Chris?

JN
From: Mueller, Barbara  
Sent: 2015–July-23 11:18 AM  
To: Jantz, Lester; Nener, Jennifer  
Cc: Hawkshaw, Mike; Sneddon, Debra  
Subject: RE: Area B SN-Area 28 Howe Sound Pink Fishery: FYI & Follow-up Req.

Further to this, please let me know if I should follow-up with Chris directly, prior to this afternoon’s CC call.

Thx.,  
B.

From: Mueller, Barbara  
Sent: 2015–July-21 10:11 AM  
To: Jantz, Lester; Nener, Jennifer  
Cc: Hawkshaw, Mike; Sneddon, Debra  
Subject: Area B SN-Area 28 Howe Sound Pink Fishery: FYI & Follow-up Req.

Hi Les/Jennifer:

I would like to update you both on where things are currently at RE: Area B Squamish pink fishery planning.

Last week we (Deb & I) had a call w/ Area B Reps. –here are the main issues raised by Area B in that discussion:

Call (14Jul2015) with Area B(Chris Ashton, Chris Cue) – summary notes:

- Chris reported that he had a chance to discuss w/ Area B Brd. of Dir. & provided us with update on outcome of those discussions;
- concerns voiced RE: fishing schedule/pattern of 3d/week on alternate days(e.g.: M/W/F or TU/TH/SA) –noting issues RE: economic viability, due to processing costs/retaining observers
- Area B tabled a couple alternate strategies to address economics issue– as follows:
  1) Fishing pattern involving 2 consecutive fishing days –w/ rotating fishing pattern(e.g.: M/TU terminal area at/near Squamish R. mouth; TU/WE mid-Howe Sound; WE/TH “outer” Howe Sound;
  2) Weekly TAC: modelled after Barkley Sound-style fishery –i.e.: limited to 2 boats “testing” and if “good” return then weekly TAC identified & assume 600K potential COMM-TAC, open it to a limited # of boats, under an Area B “sharing arrangement”. In other words, this would involve “TF” up to certain point in time and then providing access to an increased #boats.
- Licencing provisions for this fishery –TBC
- Chris reported large numbers of pink salmon abundances already this year in Reef net(U.S. Fishery)- as reported on10Jul FRP call.
- We told let them know that we’d follow-up this week

Mike and I discussed Area B alternate strategies/options noted above; summary of where we landed on this one is - as follows:

- DFO does not support either alternate strategy as they compromise value of info. gathered <Option 1> and increase potential impacts/risks to resource for both pinks & by-catch<Option #2>;
- We do not have info. that would support setting a TAC/Quota for this fishery;
- Msg. is that we are looking to conduct an low impact/low risk experimental/exploratory -style fishery this year for info. –gathering purposes;
- Landed on the following 2 Options we can go back to Area B with:
  1) “Roving” 1-boat TF fishing 3d/week on alternate days(flexible on days of week) -with TF pattern in identified key locations within Howe Sound, including near the mouth, mid & outer Howe Sound*;
    *Note: need to confirm if feasible on our end to proceed with this kind of arrangement, without going thru a formal TF bid process/offer … any thoughts??
2) Status quo (i.e.: similar to 2013 timing of later Aug.) – & subject to in-season info./ indicators of large abundances of pink returns to the Squamish watershed – in consort w/ PSC TF info., etc..

At this point I’m looking for your concurrence that I can follow-up with Chris to let him know where things stand on our end to firm up an approach for this year. Mike – please let me know if there’s anything I’ve missed.

Thx.,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
Area B harvest Committee,

The principle of management we are following with respect to the Howe Sound Pink Fishery (and other emerging fisheries in the Lower Fraser Area) is to only allow fisheries where we can be sure of no irreparable damage to the stocks that will be affected by the any new fisheries as laid out in the Wild Salmon Policy (WSP). In cases where there is not an existing time series of data to inform management decisions (i.e. no SR data so no calculation of management or biological benchmarks such as $U_{fox}$ or $S_{fox}$) we will, in consultation with departmental experts and watershed stakeholders, try to make available low impact fishing opportunities. Expansion of these very limited fishing opportunities is conditioned on development of new data sources that will allow us to safely expand these fisheries in future years.

In the case of Howe Sound the department we feel that up to a 2 to 4 seine boat fishery for 2 to 3 days per week fishery opening once the peak of Pink salmon escapement has been observed in River is consistent with the principles of management laid out in the WSP since the peak of Pink salmon abundance has been observed in River. Current stock assessment priorities do not extend to gathering information on Howe Sound pink salmon which means there is insufficient additional data to support expanded fishing opportunities at this time an expansion of this opening, and the spatial and temporal concentration of the fishery do not provide any new information about the stock. There is no prospect of the department issuing a TAC for the Howe Sound Pink salmon run or allowing a full fleet or multi-fleet fishery in the sound. Region-Staff have worked to generate a fishing plan that provides an incremental increase in fishing opportunity structured in such a way as to generate useful information on the Pink salmon run in Howe Sound. The risk posed by increasing the fishing opportunity in the area we feel is balanced by the generation of data that can inform future management. A key uncertainty for this stock is the migration timing and speed of this stock. In order to generate information on migration the proposed approach below will allow an additional series of limited openings for Pink salmon in the Howe Sound area. Our current plan to provide fishing opportunity is as follows:

- 1 or 2 boats fishing for 2 days each week in 2 the outer fishing areas of Howe Sound beginning the first week of August.
- Staff will evaluate the CPUE and bycatch associated with the first 5 openings and then consider increasing the opening or number of boats in future weeks to non-concurrent 2 days in the following weeks as well as considering opening the Inside areas.
- On a weekly basis staff will evaluate the CPUE and bycatch rates as well as other information sources to make decisions about whether to continue the 2 day 2 boat fishery, or to reduce or close the fishery.

If the additional opportunities presented by the plan are not commercially interesting to any members of the Area B seine fleet we will consider another opening like 2013 (likely to be a 3 day 2 boat opening with) where the effort, opening dates, and duration of the fishery are decided upon in consultation with departmental experts and watershed stakeholders. This fishery would likely be in later August and be dependent upon reports of abundance in the Squamish watershed.

Regards,
Pages 8 to / à 12
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pages 1 to / à 5
HI Jeff,

We are trying to make progress on the squamish pink fishery and the attached draft letter captures thinking to date – looking at an approach that could provide us with helpful management info in addition to getting a few boats on the water. Please have a look and flag any concerns – we can discuss Tuesday or Wednesday if that would be helpful. **Area B is getting anxious so good if we can land on something soon. Thanks!**

Jennifer
Page 14

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page 7
Some suggestions for consideration....

My main concern is around the objective for the fishery. I think industry just wants to get some fish, but I think we need to structure this in a way that we can obtain information that would be useful for longer term management if we can. The latter objective will be tricky unless we can somehow agree to a structure for the fishery that could be repeated through time.

One idea I had is whether we could try to plan the fishing effort through time to sample the returning migration to try and get information on key parameters (e.g. run timing, etc..). Might require some additional time or area than was initially identified here if we wanted to consider that. (e.g. I was thinking about a test fishery style approach with 4-6 sets/day, 1-2X per week, for 4-5 weeks?). There are pros/cons here. We could accidentally increase impacts if fish mill/around hold and fishery can target those areas. Alternatively, if fish are moving through the inlet the seine fleet would have to be prepared for sampling in some times/areas where catches might be low. Tough to plan when we don’t know much.

Happy to discuss further,

Jeff

Hi Jeff,

We are trying to make progress on the squamish pink fishery and the attached draft letter captures thinking to date – looking at an approach that could provide us with helpful management info in addition to getting a few boats on the water. Please have a look and flag any concerns – we can discuss Tuesday or Wednesday if that would be helpful. Area B is getting anxious so good if we can land on something soon. Thanks!

Jennifer
I think we got sorted out yesterday with Chris Ashton but some communication with Chris Lewis may be in order - is that the Chris you were referring to Deb?

-----Original Message-----
From: Mueller, Barbara
Sent: 2015-August-06 12:47 PM
To: Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Subject: RE: 2015 Squamish Fishery.doc

Draft letter has not been finalized.
However, I hear that there was a discussion that took last Friday with Chris, Les, Jennifer and Mike.

-----Original Message-----
From: Sneddon, Debra
Sent: 2015-August-06 12:04 PM
To: Mueller, Barbara; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Subject: RE: 2015 Squamish Fishery.doc

Was the letter Mike drafted sent to Chris?

-----Original Message-----
From: Mueller, Barbara
Sent: August-06-15 11:56 AM
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Sneddon, Debra
Subject: RE: 2015 Squamish Fishery.doc

So, I had a discussion with Chris

At any rate, here's what Chris suggested will happen, starting Mon., 10-Aug:
* Groups of 2 vessels fishing for two consecutive days(3 fishing periods/week) - as follows:
> Boat 1&2 fishing MON/TUE;
> Boat 3&4 fishing WED/TH;
> Boat 5&6 fishing FRI/SAT
> NO Fishing on Sunday.

It looks like he flagged this 3 fishing periods/week "counter-proposal" in his email yesterday and also pointed out to him that this adds up to 12 boat days/week<i.e.: not 6>

Barbara

-----Original Message-----
From: Mueller, Barbara

1
Chris - can you please give me a call on my cell to discuss fishing schedule details, etc.  
I'm at __________________________ 
Thx., B.  

-----Original Message-----
From: Mueller, Barbara  
Sent: 2015-August-06 9:33 AM  
To: 'Area B Harvest Committee/Area B Seine Soc. (Chris Ashton)'; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike  
Cc: 'Amy Copland'  
Subject: RE: 2015 Squamish Fishery.doc  

Hi Chris -  
Can you please confirm planned start date is Mon. or Tue. next week< Mon. is 10-Aug.> Also, I expect you'll confirm vessel/skipper info. tomorrow following the draw.  
Thx, Barbara  

-----Original Message-----
From: Area B Harvest Committee/Area B Seine Soc. (Chris Ashton) [mailto:areab@telus.net]  
Sent: 2015-August-05 8:16 PM  
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike; Mueller, Barbara  
Cc: Amy Copland  
Subject: 2015 Squamish Fishery.doc  

To all,  
Please see the attached finalized document. This was sent out late this afternoon to all the 'Working Groups' with the direction that the fishery would be scheduled to start next Monday, August 11 for the first two vessels selected in a lottery draw. The closing date for vessel submission is 9:00 PM Thursday and the Draw will take place at 09:00 AM, Friday, August 7 in the Canadian Fishing Company main office.  

I will need to firm up both the Fishery Notice announcing this fishery and receive confirmation from JO Thomas of observer coverage.  

Please let me know if there are any other issues that need attending to.  

Regards,  

Chris  

---  

Chris Ashton, Executive Director  
Area B Harvest Committee/Area B Seine Society  
Cell: ______________________ Off: _____________________
Debra,

The letter was made obsolete by some discussion we had at FRP. There we decided on a 4 boat version of what is proposed below. I think he came back with the 6 boat version with a pink catch per boat cap of 25K pink/opening that I thought we could live with.

My read was a 6 boats 25K pink/boat/opening=150K pink catch weekly cap.

I expect the catches to be less when there are fewer pinks in the system.

We'll still need to watch 1) bycatch of Chinook, and 2) are pinks moving through the system and into the spawning grounds. Observer reports will let me do this and I can flag any problems for the rest of the group.

Mike

-----Original Message-----
From: Sneddon, Debra
Sent: 2015-August-06 12:04 PM
To: Mueller, Barbara; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Subject: RE: 2015 Squamish Fishery.doc

Was the letter Mike drafted sent to Chris?

-----Original Message-----
From: Mueller, Barbara
Sent: August-06-15 11:56 AM
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Sneddon, Debra
Subject: RE: 2015 Squamish Fishery.doc

So, I had a discussion with Chris

At any rate, here's what Chris suggested will happen, starting Mon., 10-Aug:
* Groups of 2 vessels fishing for two consecutive days(3 fishing periods/week) - as follows:
  >Boat 1&2 fishing MON/TUE;
  >Boat 3&4 fishing WED/TH;
  >Boat 5&6 fishing FRI/SAT
  >NO Fishing on Sunday.

It looks like he flagged this 3 fishing periods/week "counter-proposal" in his email yesterday and also pointed out to him that this adds up to 12 boat days/week<i.e.: not 6>
-----Original Message-----
From: Mueller, Barbara
Sent: 2015-August-06 10:08 AM
To: 'Area B Harvest Committee/Area B Seine Soc. (Chris Ashton)'; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Subject: RE: 2015 Squamish Fishery.doc

Chris - can you please give me a call on my cell to discuss fishing schedule details, etc. 
I'm at ........................
Thx., B.

-----Original Message-----
From: Mueller, Barbara
Sent: 2015-August-06 9:33 AM
To: 'Area B Harvest Committee/Area B Seine Soc. (Chris Ashton)'; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: 'Amy Copland'
Subject: RE: 2015 Squamish Fishery.doc

Hi Chris -
Can you please confirm planned start date is Mon. or Tue. next week< Mon. is 10-Aug.> Also, I expect you'll confirm vessel/skipper info. tomorrow following the draw.
Thx, Barbara

-----Original Message-----
From: Area B Harvest Committee/Area B Seine Soc. (Chris Ashton) [mailto:areaab@telus.net]
Sent: 2015-August-05 8:16 PM
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike; Mueller, Barbara
Cc: Amy Copland
Subject: 2015 Squamish Fishery.doc

To all,

Please see the attached finalized document. This was sent out late this afternoon to all the 'Working Groups' with the direction that the fishery would be scheduled to start next Monday, August 11 for the first two vessels selected in a lottery draw. The closing date for vessel submission is 9:00 PM Thursday and the Draw will take place at 09:00 AM, Friday, August 7 in the Canadian Fishing Company main office.

I will need to firm up both the Fishery Notice announcing this fishery and receive confirmation from JO Thomas of observer coverage.

Please let me know if there are any other issues that need attending to.

Regards,

Chris

--

Chris Ashton, Executive Director
Area B Harvest Committee/Area B Seine Society
Cell: ........................ Off: ........................
Mueller, Barbara

From: Mueller, Barbara  
Sent: 2015–August-07 3:19 PM  
To: Sneddon, Debra; Binning, Kelly  
Cc: Grout, Jeff  
Subject: RE: Draft FN Area B SN Howe Sound Pink Fishery.:>>Please Review/Release Today

...In=nfo. in the FN is correct.

From: Mueller, Barbara  
Sent: 2015–August-07 3:18 PM  
To: Sneddon, Debra; Binning, Kelly  
Cc: Grout, Jeff  
Subject: RE: Draft FN Area B SN Howe Sound Pink Fishery.:>>Please Review/Release Today

Yes –this was a typo Kelly

From: Sneddon, Debra  
Sent: 2015–August-07 3:17 PM  
To: Binning, Kelly; Mueller, Barbara  
Cc: Grout, Jeff  
Subject: RE: Draft FN Area B SN Howe Sound Pink Fishery.:>>Please Review/Release Today

I’m not sure if Barb is still here, it is Area B.

From: Binning, Kelly  
Sent: August-07-15 3:15 PM  
To: Mueller, Barbara; Sneddon, Debra  
Cc: Grout, Jeff  
Subject: RE: Draft FN Area B SN Howe Sound Pink Fishery.:>>Please Review/Release Today

Hi Barbara,
Just confirming that this notice is for Area B SN not Area E GN as per your email.
Have consultations occurred with Squamish FN on this?
Thanks,
Kelly

From: Mueller, Barbara  
Sent: 2015–August-07 2:24 PM  
To: Grout, Jeff; Binning, Kelly; Sneddon, Debra  
Cc: Xpac Ops Centre Fishery Pacific  
Subject: Draft FN Area B SN Howe Sound Pink Fishery.:>>Please Review/Release Today

Hi Kelly/Jeff:
Please release the attached Area E GN fishery notice today. This has been reviewed/approved by LFA.

<< File: FN_Area B SN-Area28Pink-07Aug2015.doc >>

Thx,

**Barbara Mueller**
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: n

s.19(1)
Hi

Thanks for this update. Yes, I will be involved in the management of this fishery. This fishery will start on Monday, August 10th—a fishery notice will be released this afternoon to announce this opening. In terms of reporting for validation, requirements are consistent with 2013 and the set-log observer data is required daily.

It would be helpful if you can also provide the names and contact info. of observers scheduled to go out on the fishery.

Please feel free to call me on my cell at [redacted] if you have any questions.

Many thanks,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
c.: [redacted]
Email: barbara.mueller@dfo-mpo.gc.ca

Hello Barbara,

Will you be managing the Howe Sound Seine Pink Fishery that’s anticipated to start this Monday, the 11th? The Harvest committee has asked that we be the service provider. I was just wondering what your reporting requirements for the validation and set-log data will be: Daily or weekly reports?

Thanks,

The program manager at JOT for this project.
is withheld pursuant to section

of the Access to Information Act

de la Loi sur l’accès à l’information
Hi Chris –here’s the draft FN
Let me know if you have any concerns and we’re looking to get this out ASAP
Thx., B.

I would appreciate having a look at it too.

Thanks,

Chris

On Aug 7, 2015, at 12:18 PM, Mueller, Barbara <Barbara.Mueller@dfo-mpo.gc.ca> wrote:

Hi Chris—others here are just reviewing it
B.

Hi Barbara,

Have you got the Fisheries Notice crafted for the Squamish Monday opening?

Chris
On Aug 6, 2015, at 10:08 AM, Mueller, Barbara <Barbara.Mueller@dfo-mpo.gc.ca> wrote:

Chris - can you please give me a call on my cell to discuss fishing schedule details, etc.
I'm at ***********  s.19(1)
Thx., B.

-----Original Message-----
From: Mueller, Barbara
Sent: 2015-August-06 9:33 AM
To: 'Area B Harvest Committee/Area B Seine Soc. (Chris Ashton)'; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: 
Subject: RE: 2015 Squamish Fishery.doc

Hi Chris -
Can you please confirm planned start date is Mon. or Tue. next week< Mon. is 10-Aug.> Also, I expect you'll confirm vessel/skipper info. tomorrow following the draw.
Thx, Barbara

-----Original Message-----
From: Area B Harvest Committee/Area B Seine Soc. (Chris Ashton) [mailto:areab@telus.net]
Sent: 2015-August-05 8:16 PM
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike; Mueller, Barbara
Cc: 
Subject: 2015 Squamish Fishery.doc

To all,

Please see the attached finalized document. This was sent out late this afternoon to all the 'Working Groups' with the direction that the fishery would be scheduled to start next Monday, August 11 for the first two vessels selected in a lottery draw. The closing date for vessel submission is 9:00 PM Thursday and the Draw will take place at 09:00 AM, Friday, August 7 in the Canadian Fishing Company main office.

I will need to firm up both the Fishery Notice announcing this fishery and receive confirmation from JO Thomas of observer coverage.

Please let me know if there are any other issues that need attending to.
Regards,

Chris

--

Chris Ashton, Executive Director
Area B Harvest Committee/Area B Seine Society

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pages 69 to / à 71
Hi All,

Please note that the attached Squamish Pink Area B SN letter is ready for distribution. Also, this is saved to RM drive at the following location:

F:\Squamish Watershed\2015 Pink Fisheries Planning\Letter_Squamish Pink 07Aug2015.pdf

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
Pages 31 to / à 32
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pages 51 to / à 52
Mueller, Barbara

From: Mueller, Barbara
Sent: 2015-August-06 4:51 PM
To: Chin, Peter
Cc: Harris, Rob
Subject: FW: Area B SN -Pink Ltd. Participation Opening -Area 28< Howe Sound>: Draft FN For Review

FYI/ATTN: – please refer to info. outlined in the attached draft notice.
Peter, further to my v-mail from earlier today, we’ll need to process/issue 6 separate VOs, starting with a MON-10-Aug. start date.

Feel free to give me a call if you have any questions.
Thx., B.

From: Mueller, Barbara
Sent: 2015-August-06 4:31 PM
To: Sneddon, Debra; Nener, Jennifer
Cc: Jantz, Lester; Hawkshaw, Mike
Subject: Area B SN -Pink Ltd. Participation Opening -Area 28< Howe Sound>: Draft FN For Review

Hi All:

Att. FN drafted for release tomorrow, pending review/approvals.
Please review & insert any suggested edits.

<< File: DraftFN_Area B SN-Area28Pink-07Aug2015_BMu.doc >>

Thx.,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
c.: [REDACTED]
Email: barbara.mueller@dfo-mpo.gc.ca

s.19(1)
Pages 35 to / à 37
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pages 44 to / à 46
From: Mueller, Barbara
Sent: 2015–August-07 9:52 AM
To: Green, Ken
Subject: FW: Area B SN - Pink Ltd. Participation Opening - Area 28<Howe Sound>: Draft FN For Review

FYI – draft file and heads-up, in case you haven’t seen this one.
Thx., B.

From: Mueller, Barbara
Sent: 2015–August-07 8:19 AM
To: Chin, Peter
Cc: Harris, Rob
Subject: RE: Area B SN - Pink Ltd. Participation Opening - Area 28<Howe Sound>: Draft FN For Review

Peter – please replace with the Att. draft file< I made a couple edits> – I believe it will include info. required to process the VOs.
Thx., B.

DraftFN_Area B
SN-Area28Pink-

From: Mueller, Barbara
Sent: 2015–August-06 4:51 PM
To: Chin, Peter
Cc: Harris, Rob
Subject: FW: Area B SN - Pink Ltd. Participation Opening - Area 28<Howe Sound>: Draft FN For Review

FYI/ATTN: – please refer to info. outlined in the attached draft notice.
Peter, further to my v-mail from earlier today, we’ll need to process/issue 6 separate VOs, starting with a MON-10-Aug. start date.

Feel free to give me a call if you have any questions.
Thx., B.

From: Mueller, Barbara
Sent: 2015–August-06 4:31 PM
To: Sneddon, Debra; Nener, Jennifer
Cc: Jantz, Lester; Hawkshaw, Mike
Subject: Area B SN - Pink Ltd. Participation Opening - Area 28<Howe Sound>: Draft FN For Review

Hi All:

Att. FN drafted for release tomorrow, pending review/approvals.
Please review & insert any suggested edits.

<< File: DraftFN_Area B SN-Area28Pink-07Aug2015_BMu.doc >>

Thx.,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
Pages 40 to / à 42
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pages 44 to / à 46
Sneddon, Debra

From: Mueller, Barbara
Sent: August-07-15 6:49 AM
To: Sneddon, Debra; Nener, Jennifer
Cc: Jantz, Lester; Hawkshaw, Mike
Subject: RE: Area B SN -Pink Ltd. Participation Opening -Area 28< Howe Sound>: Draft FN For Review

I've made a couple edits –please review attached draft file.
Thx., B.

DraftFN_Area B
SN-Area28Pink-....

From: Mueller, Barbara
Sent: 2015–August-06 4:31 PM
To: Sneddon, Debra; Nener, Jennifer
Cc: Jantz, Lester; Hawkshaw, Mike
Subject: Area B SN -Pink Ltd. Participation Opening -Area 28< Howe Sound>: Draft FN For Review

Hi All:

Att. FN drafted for release tomorrow, pending review/approvals. Please review & insert any suggested edits.
<< File: DraftFN_Area B SN-Area28Pink-07Aug2015_BMu.doc >>
Thx,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
Fishery Notice Template
(For Ops Centre use only) FN:

A. ORIGINATOR & TELEPHONE NO.:

Barbara Mueller, Resource Manager (604) 666-2370

B. DATE TO BE SENT:

August 7, 2015

C. IS THIS NOTICE OF A VARIATION ORDER? IF YES, IS THIS ACTION PART OF THE APPROVED PLAN?

Yes

D. IS THERE A NEWS RELEASE PLANNED OR RECOMMENDED?

No

DETAILS FOR NOTICE:

1. FISHERY CATEGORY(S):

COMMERCIAL - Salmon: Seine

2. SPECIES AFFECTED:

Pink Salmon

3. SUBJECT LINE:

Salmon: Seine - Area B - Pink Limited Participation Opening in Area 28 - Howe Sound

4. LIST ALL AREAS OR REGIONS IMPACTED:

Area 28

5. *NEW* NOTICE TO BE SUPERCEDED *NEW*

New

6. BODY OF NOTICE TEXT:

The Area B Seine Harvest Committee has proposed a limited opportunity fishery to target pink salmon in Howe Sound. This limited and controlled opportunity is designed to assess the ability to harvest pink salmon by seine and gather information to help inform future management approaches. Data will be gathered through a controlled seine fishery designed to provide an assessment of spatial distribution in the approach areas of Howe Sound,
The target species is pink and all other species encountered must be released.

The involvement of the Area B seine fleet in the Area 28 Howe Sound pink fishery is dependent on the Area B Seine Harvest Committee developing and implementing a fishing plan that limits the vessel participation and limits the harvest of pinks to a weekly per vessel maximum allocation. At this time the Department has authorized a maximum of two (2) Area B Seine vessels to fish two consecutive days per week, for up to three rotations per week and a weekly cumulative maximum effort of 12 boat days. Participating vessels must have independent observers on board and fish within pre-identified management zones in lower, mid and upper portions of Howe Sound. Information from this limited opportunity fishery, including by-catch impacts, will be monitored, assessed, and evaluated on an on-going basis throughout the pink salmon migration.

Arrangements to participate in this fishery must be co-ordinated with the Area B Seine Harvest Committee. As a result, Area B vessel masters and vessels must have a valid 2015 Area B Seine Licence and also be designated by their representative Working Group body and subsequently by the Area B Harvest Committee to participate in this fishery. This fishery will not proceed should undesignated seine vessels attend or attempt to participate in this fishery.

Area 28 Seines open 06:00 hours to 21:00 hours daily from August 10 to August 15 in Subareas 28-1, 28-2, 28-3, 28-4 and 28-5. Minimum bunt mesh size of 70 mm. All catch must be sorted and brailed. The use of power skiffs is approved.

The next update will be provided on Friday, August 14.


NOTE:

1. The target species in this fishery is pink salmon. There will be non-retention of sockeye, coho, chinook, chum and steelhead. None of these species may be aboard a vessel that is engaged in fishing unless they are being revived in the revival tank immediately prior to release.

2. Seine vessel masters are reminded that operating revival tanks and brailing are mandatory as condition of their licence and are legal requirements. Harvesters are required to release all non-possession/non-retention species to the water with the least possible harm. Operating revival boxes are mandatory and may be used to revive fish prior to release.

3. The mandatory logbook and phone-in program will be in effect. Vessel masters are reminded to provide start and end fishing reports to the service provider by phoning Archipelago Marine Research Limited at 1-888-387-0007. Vessel masters are also reminded that within 48 hours of stopping fishing to offload catch or within two (2) hours of completing offloading catch, whichever comes first, to provide to the service provider the weight by species (in pounds) of fish offloaded. Note that a phone report is required for all fishing activity even if no fish are caught. Failure to report zero catches may result in the over estimation of total catch.

4. Fishers are reminded it is an offence under Section 7 of the Marine Mammals Regulations to disturb marine mammals. Fishers are advised to
follow the Be Whale Wise: Marine Wildlife Guidelines for Boaters, Paddlers, and Viewers (BWW) which are available from local Fisheries Offices or online at http://www.pac.dfo-mpo.gc.ca/fm-gp/species-especes/mammals-mammiferes/view-observer-eng.htm to avoid disturbing local killer whales and other marine mammals.

5. Fishers are requested to avoid fishing among birds and not to run the net if birds are near the net. Fishers are requested to retain all dead birds which are entangled and to release live and unharmed birds by placing them in the water. Please check all birds for metal bird bands (rings) on the leg. If a bird is banded please contact Laurie Wilson with the band number and capture date and location at 1-866-431-2473 (BIRD) or by the email below. Handle birds with gloves, double bag dead birds and label each bird with date, time, and location and store them on ice. Please call your local charter patrol to organize pick-up or drop them off at a local DFO office. Alternatively, please send photographs of birds with a reference object such as a coin, and the date, time and location to laurie.wilson@ec.gc.ca. Your names and vessel names do not need to be identified or included.

6. Fisheries and Oceans Canada is interested in reports of sea turtles in BC waters. By documenting sightings we are able to learn more about how, when and where these turtles are using our waters. If you see a sea turtle, please call this toll-free phone number: 1-866-I SAW ONE (1-866-472-9663). Please include information such as the type of sea turtle seen (i.e. leatherback), the location, and time of sighting.

7. FOR MORE INFORMATION (This is included in the notice text):

Barbara Mueller, Resource Manager (604)666-2370
Sneddon, Debra

From: Salomi, Corino
Sent: August-07-15 5:50 PM
To: Mueller, Barbara; Sneddon, Debra
Subject: Re: 2015 Squamish Pink(Area B SN: Howe Sound: Area 28) Letter: For Distribution

Deb and Barb,

Please disregard Brian's email message. I appreciate your efforts on this fishery and acknowledge the challenges with your role.

Corino

s.19(1)

From: Klassen, Brian
Sent: Friday, August 07, 2015 06:55 PM Eastern Standard Time
To: Salomi, Corino; Melville, Scott; Smith, Jeremy; Uittenbogaard, Jordan; Mueller, Barbara
Cc: Jung, Jeff; Sneddon, Debra
Subject: RE: 2015 Squamish Pink(Area B SN: Howe Sound: Area 28) Letter: For Distribution

Folks,

The way I read this notice is that 2 boats can fish for 2 days and then the Department may add 2 more openings that week for a total of 6 days of fishing for a grand total of 12 boat days. My concern is several fold:

1. What is the projected run size?

2. What per cent of the population are we harvesting?

3. What is the weekly per vessel maximum allocation in plain English? How many fish is that?

4. How are more boat days allocated? Is it just on catch?

5. How many fish are now in Howe Sound?

6. How many fish have migrated upstream to the spawning areas?

7. What is the target escapement for Squamish Pinks?

8. What was the escapement last cycle?

9. Will there be current and timely updates to what has been harvested to date?

10. What is the allocation to the commercial fleet in actual numbers of fish?

If we are to follow the precautionary approach to a fishery I feel that we should have those answers before we allow a commercial fishery. If we have any of those answers to these questions then it should be
communicated to all of the various groups and people on Barb Mueller’s e-mail.

I have seen the Pink population go from virtually non existent to a significant population and I would hate to see it over harvested due to a desire to have a commercial fishery. I am not opposed to a commercial fishery but I feel we need to be able to justify it biologically. A lot of work has gone into rebuilding this population by a lot of groups so let’s not be too hasty until we have answers to the majority of questions.

Sincerely and with much respect,

Brian Klassen
Enhancement and Restoration Technician
Tenderfoot Creek Hatchery
PO Box 477
Brackendale B.C.
VON 1H0
Ph : 604 898 - 3657
Cell: s.19(1)
Fax: 604 898 - 5692

FYI folks info on upcoming pink fishery - to me this is a good news story that highlights everyones efforts over the years to rebuild the pink run to the point that a commercial fishery can occur.

Corino
Good Afternoon,

As a follow-up to this earlier correspondence, please find attached a letter outlining some additional details regarding this fishery.


Regards,

Barbara Mueller  
Fisheries and Oceans Canada  
Resource Manager, Lower Fraser Area  
Tel.: 604.666.2370

Fax: 604.666.7112  
c.:  
Email: barbara.mueller@dfo-mpo.gc.ca

Good Morning,

Please find attached a letter outlining Squamish Pink Salmon Mgmt. considerations for the upcoming 2015 fishing season.


Regards,

Barbara Mueller  
Fisheries and Oceans Canada  
Resource Manager, Lower Fraser Area  
Tel.: 604.666.2370

Fax: 604.666.7112  
c.:  
Email: barbara.mueller@dfo-mpo.gc.ca
can you please share with the Squamish Watershed group and copy me. Thanks

Debra Sneddon
Program Coordinator, Lower Fraser Area
604-666-6509
August 7, 2015

Dear Squamish Nation Chiefs, Councilors and Fisheries Representatives
Squamish to Lillooet Sport Fish Advisory Committee
Squamish Watershed Society

RE: Howe Sound Area B Pink Seine Fishery Planning –August 2015 Update

Further to the letter dated June 17, 2015, the Department would like to provide you with an update regarding the commercial pink salmon fisheries plan.

As outlined previously, the Department has worked with the Area B Seine Harvest Committee to develop a limited and controlled fishery that allows for precautionary commercial access and provides additional information on Squamish pink salmon returns to help support and inform future management. Information that will be gained includes spatial distribution and run timing pattern in the approach areas of Howe Sound.

The target species is pink and all other species encountered must be released. The fishing plan limits the vessel participation and also limits the harvest of pinks to a weekly per vessel maximum allocation. Initially, the Department has authorized a maximum of two (2) Area B Seine vessels to fish two consecutive days per week, for up to three rotations per week and a weekly cumulative maximum effort of 12 boat days; the fishery will be open from 06:00 to 21:00 daily commencing August 10th until August 15th.

Participating vessels will have independent observers on board and fish within pre-identified management zones in lower, mid and upper portions of Howe Sound. Information from this limited opportunity fishery, including by-catch impacts, will be monitored, assessed, and evaluated on an on-going basis.
Additional information on the status and progress of this fishery will be posted by fishery notice on the DFO website throughout the season.

Sincerely,

Barbara Mueller
Resource Manager,
Lower Fraser Area

cc: J. Nener, Area Director
    D. Sneddon, Program Coordinator
    B. Matts, Resource Manager
June 17, 2015

Dear Squamish Nation Chiefs, Councilors and Fisheries Representatives
Squamish to Lilooet Sport Fish Advisory Committee
Squamish Watershed Society

RE: Howe Sound Area B Pink Seine Fishery Planning - 2015 Update

Canadian South Coast pink salmon stocks, including Squamish pinks, return on a two-year cycle and almost entirely in odd calendar years. The Department would like to provide you with an update on Squamish pink salmon fisheries planning for the upcoming 2015 season.

A broad variety of interests have contributed to the recovery of pink salmon in the Squamish watershed. Fish culture and habitat restoration programs delivered by DFO over the past three decades, in partnership with First Nation, provincial and local government, corporate (BC Hydro, CN Rail) and a number of conservation organizations (North Vancouver Outdoor School, Squamish River Watershed Society, Pacific Salmon Foundation, Squamish Streamkeepers, Seymour Salmonid Society) and many other individuals and groups, have had a direct effect on pink salmon recovery.

In response to significant abundances in the Squamish watershed in 2013, an Area B seine limited participation pink salmon demonstration fishery took place in Howe Sound (Area 28), from August 22nd to August 24th, 2013. Approximately 282,000 pink salmon were harvested over this three day period; by-catch was minimal and a mandatory non-retention of all other species was in effect.

Information from the 2013 pink salmon BC Hydro Cheakamus fry outmigration surveys suggest there may be similar pink salmon returns in 2015. In planning for the upcoming 2015 salmon season, the Department is considering a limited participation demonstration fishery for pink salmon harvest by the Area B seine fleet.
Similar to 2013, the Department will consider the following information to help inform management, planning, and decision-making this year:

- Cheakamus fry out-migration from 2014 (representing 2013 pink return);
- PSC test fisheries stock ID (J. Straits and Juan de Fuca) – to determine relative proportion/abundance of non-Fraser South Coast pink returns;
- Observational reports and indicators abundance within the Squamish watershed including the Squamish Nation food, social and ceremonial fishery harvests.

Additionally, the Department is exploring proposed experimental fishery options within this demonstration fishery to allow for precautionary and controlled commercial access; the purpose of this is to provide additional in-season information on Squamish pink salmon returns and help support future management processes.

More detailed information will become available as fishing plans are developed. Should you wish to provide further information to assist in informing decision-making, please provide this in writing to barbara.mueller@dfo-mpo.gc.ca by July 8th, 2015.

Sincerely,

Barbara Mueller
Resource Manager,
Lower Fraser Area

cc: J. Nener, Area Director
    D. Sneddon, Program Coordinator
    B. Matts, Resource Manager
Page 55
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page 68
Fishery Notice Template

(For Ops Centre use only) FN:

A. ORIGINATOR & TELEPHONE NO.:

Barbara Mueller, Resource Manager (604) 666-2370

B. DATE TO BE SENT:

August 7, 2015

C. IS THIS NOTICE OF A VARIATION ORDER? IF YES, IS THIS ACTION PART OF THE APPROVED PLAN?

Yes

D. IS THERE A NEWS RELEASE PLANNED OR RECOMMENDED?

No

DETAILS FOR NOTICE:

1. FISHERY CATEGORY(S):

COMMERCIAL - Salmon: Seine

2. SPECIES AFFECTED:

Pink Salmon

3. SUBJECT LINE:

Salmon: Seine - Area B - Pink Limited Participation Opening in Area 28 - Howe Sound

4. LIST ALL AREAS OR REGIONS IMPACTED:

Area 28

5. *NEW* NOTICE TO BE SUPERCEDED *NEW*

New

6. BODY OF NOTICE TEXT:

The Area B Seine Harvest Committee has proposed a limited opportunity fishery to target pink salmon in Howe Sound. This limited and controlled opportunity is designed to assess the ability to harvest pink salmon by seine and gather information to help inform future management approaches. Data will be gathered through a controlled seine fishery designed to provide an assessment of spatial distribution and run timing pattern in the approach.
areas of Howe Sound, run timing and abundance. The target species is pink
and all other species encountered must be released.

The involvement of the Area B seine fleet in the Area 28 Howe Sound pink
fishery is dependent on the Area B Seine Harvest Committee developing and
implementing a fishing plan that limits the vessel participation and limits
the harvest of pinks to a weekly per vessel maximum allocation. At this
time the Department has authorized a maximum of two (2) Area B Seine vessels
to fish two consecutive days per week, for up to three rotations per week
and a weekly cumulative maximum effort of 12 boat days. Participating
vessels must have independent observers on board and fish within pre-
identified management zones in lower, mid and upper portions of Howe Sound.
Information from this limited opportunity fishery, including by-catch
impacts, will be monitored, assessed, and evaluated on an on-going basis
throughout the pink salmon migration.

Arrangements to participate in this fishery must be co-ordinated with the
Area B Seine Harvest Committee. As a result, Area B vessel masters and
vessels must have a valid 2015 Area B Seine Licence and also be designated
by their representative Working Group body and subsequently by the Area B
Harvest Committee to participate in this fishery. This fishery will not
proceed should undesignated seine vessels attend or attempt to participate
in this fishery.

Area 28
Seines open 06:00 hours to 21:00 hours daily from August 10 to August 15 in
Subareas 28-1, 28-2, 28-3, 28-4 and 28-5. Minimum bunt mesh size of 70 mm.
All catch must be sorted and brailed. The use of power skiffs is approved.

NOTE:
1. The target species in this fishery is pink salmon. There will be non-
retention of sockeye, coho, chinook, chum and steelhead. None of these
species may be aboard a vessel that is engaged in fishing unless they are
being revived in the revival tank immediately prior to release.

2. Seine vessel masters are reminded that operating revival tanks and
brailing are mandatory as condition of their licence and are legal
requirements. Harvesters are required to release all non-possession/non-
retention species to the water with the least possible harm. Operating
revival boxes are mandatory and may be used to revive fish prior to release.

3. The mandatory logbook and phone-in program will be in effect. Vessel
masters are reminded to provide start and end fishing reports to the service
provider by phoning Archipelago Marine Research Limited at 1-888-387-0007.
Vessel masters are also reminded that within 48 hours of stopping fishing to
offload catch or within two (2) hours of completing offloading catch,
whichever comes first, to provide to the service provider the weight by
species (in pounds) of fish offloaded. Note that a phone report is required
for all fishing activity even if no fish are caught. Failure to report zero
catches may result in the over estimation of total catch.

4. Fishers are reminded it is an offence under Section 7 of the Marine
Mammals Regulations to disturb marine mammals. Fishers are advised to
follow the Be Whale Wise: Marine Wildlife Guidelines for Boaters, Paddlers and Viewers (BWW) which are available from local Fisheries Offices or online at http://www.pac.dfo-mpo.gc.ca/fm-gp/species-especes/mammals-mammiferes/view-observer-eng.htm to avoid disturbing local killer whales and other marine mammals.

5. Fishers are requested to avoid fishing among birds and not to run the net if birds are near the net. Fishers are requested to retain all dead birds which are entangled and to release live and unharmed birds by placing them in the water. Please check all birds for metal bird bands (rings) on the leg. If a bird is banded please contact Laurie Wilson with the band number and capture date and location at 1-866-431-2473 (BIRD) or by the email below. Handle birds with gloves, double bag dead birds and label each bird with date, time, and location and store them on ice. Please call your local charter patrol to organize pick-up or drop them off at a local DFO office. Alternatively, please send photographs of birds with a reference object such as a coin, and the date, time and location to laurie.wilson@ec.gc.ca. Your names and vessel names do not need to be identified or included.

6. Fisheries and Oceans Canada is interested in reports of sea turtles in BC waters. By documenting sightings we are able to learn more about how, when and where these turtles are using our waters. If you see a sea turtle, please call this toll-free phone number: 1-866-I SAW ONE (1-866-472-9663). Please include information such as the type of sea turtle seen (i.e. leatherback), the location, and time of sighting.

7. FOR MORE INFORMATION (This is included in the notice text):

Barbara Mueller, Resource Manager (604)666-2370
Folks,

I wanted to collect our current Squamish Pink info into one place.

Actions Taken/Anticipated:

1) The experimental Purse Seine fishery is beginning on Monday as we have discussed
2) Fishery Notices and Consultation letters have been sent from Lower Fraser
3) JOT Observers have been arranged and will be reporting daily

Data/Analysis:

1) Barbara has been getting reports from credible locals and anglers in Howe Sound who are saying there are lots of pinks already in the river and all through the watershed.
2) Some of the FSC fisheries have closed down because of low Chinook CPUE and high Pink catches.
3) I have the Raw DNA for the Pink Salmon samples taken by the PSC. Even though the genetic Stock ID is very crude (and probably not very accurate) we are seeing 10% Squamish Pinks in the Test fishery catches in Area 12 (second largest individual contributing stock after Quinsam) and 25% in the Area 20 Test Fisheries (largest individual contributing stock). I will try to get an expansion line for pink salmon from the PSC, but don’t imagine that they’ll get to that this afternoon.

These are promising early signals of a strong return but can’t be quantified more than that right now. As we move through the season I’ll try to build a couple of indicators we can look at based upon test fishery catches, commercial CPUE and reports from credible locals and anglers.

I think we should feel pretty good about next week’s opening. Barbra and I will monitor the observer reports and flag the rest of the group if anything comes up.

Have a great weekend,

Mike

A limited opportunity fishery for two seine vessels will occur from 06:00 hours to 21:00 hours daily from August 10 to August 15 in Subareas 28-1, 28-2, 28-3, 28-4 and 28-5. Minimum bunt mesh size of 70 mm. All catch must be sorted and brailed. The use of power skiffs is approved.

The target species in this fishery is pink salmon and there is a non-retention in effect on all other salmon species. No other salmon species may be aboard a vessel that is engaged in fishing unless they are being revived in the revival tank immediately prior to release.

Arrangements to participate in this fishery must be co-ordinated with the Area B Seine Harvest Committee. Area B vessel masters and vessels must have a valid 2015 Area B Seine Licence and also be designated by their representative Working Group body and subsequently by the Area B Harvest Committee to participate in this fishery. This fishery will not proceed should undesignated seine vessels attend or attempt to participate in this fishery.

The fishery is limited by the number of vessels permitted to participate as well as a weekly per vessel maximum allocation. Participating vessels must have independent observers on board and fish within pre-identified management zones in lower, mid and upper portions of Howe Sound.

Information from this limited opportunity fishery, including by-catch impacts, will be monitored, assessed, and evaluated on an on-going basis throughout the fishery.

This limited and controlled opportunity is designed to assess the ability to harvest pink salmon by seine and gather information to help inform future management. Data will be gathered through a controlled fishery designed to provide an assessment of spatial distribution and run timing pattern in the approach areas of Howe Sound.

The next update will be provided on Friday, August 14.


NOTE:
1. Seine vessel masters are reminded that operating revival tanks and brailing are mandatory as condition of their licence and are legal requirements. Harvesters are required to release all non-possession/non-retention species to the water with the least possible harm. Operating revival boxes are mandatory and may be used to revive fish prior to release.

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FOR MORE INFORMATION:

Barbara Mueller, Resource Manager (604)666-2370

Fisheries and Oceans Canada Operations Center - FN0825
Sent August 7, 2015 at 15:46
Visit us on the Web at http://www.pac.dfo-mpo.gc.ca

If you would like to unsubscribe, please submit your request at: http://www-ops2.pac.dfo-mpo.gc.ca/fns-sap/index-eng.cfm?pg=manage_subscription

If you have any questions, please contact us via e-mail to: OpsCentre@pac.dfo-mpo.gc.ca
Please see the attached update regarding Squamish pinks.

Debra Sneddon
Program Coordinator, Lower Fraser Area
604-666-6509
Pages 63 to 66
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pages 51 to 54
Sorry on the RM drive
L:\3-commercial\Area B Seine Area 28\FN Area B SN-Area28Pink-07Aug2015.doc

Can you fwd. the file

Can you take another look, I have included some of the previously deleted stuff.

I believe Chris Ashton was interested in including some of those details in the FN

The Area B fleet should be well aware of the details of this fishery, this notice is to inform the public about what is taking place. I have made a number of edits to streamline the information to those types of questions we field and be more consistent with the 2013 notice. Final comments?

Looks good to me
I made two very minor changes.

Mike
Fishery Notice Template

(For Ops Centre use only) FN:

A. ORIGINATOR & TELEPHONE NO.:

Barbara Mueller, Resource Manager (604) 666-2370

B. DATE TO BE SENT:

August 7, 2015

C. IS THIS NOTICE OF A VARIATION ORDER? IF YES, IS THIS ACTION PART OF THE APPROVED PLAN?

Yes

D. IS THERE A NEWS RELEASE PLANNED OR RECOMMENDED?

No

DETAILS FOR NOTICE:

1. FISHERY CATEGORY(S):

COMMERCIAL - Salmon: Seine

2. SPECIES AFFECTED:

Pink Salmon

3. SUBJECT LINE:

Salmon: Seine - Area B - Pink Limited Participation Opening in Area 28 - Howe Sound

4. LIST ALL AREAS OR REGIONS IMPACTED:

Area 28

5. *NEW* NOTICE TO BE SUPERCEDED *NEW*

New

6. BODY OF NOTICE TEXT:

A limited opportunity fishery for two seine vessels will occur from 06:00 hours to 21:00 hours daily from August 10 to August 15 in Subareas 28-1, 28-2, 28-3, 28-4 and 28-5. Minimum bunt mesh size of 70 mm. All catch must be sorted and brailed. The use of power skiffs is approved.

The target species in this fishery is pink salmon. There will be non-
retention of all other salmon species. No other salmon species may be aboard a vessel that is engaged in fishing unless they are being revived in the revival tank immediately prior to release.

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NOTE:

1. Seine vessel masters are reminded that operating revival tanks and brailing are mandatory as condition of their licence and are legal requirements. Harvesters are required to release all non-possession/non-retention species to the water with the least possible harm. Operating revival boxes are mandatory and may be used to revive fish prior to release.

2. The mandatory logbook and phone-in program will be in effect. Vessel masters are reminded to provide start and end fishing reports to the service provider by phoning Archipelago Marine Research Limited at 1-888-387-0007. Vessel masters are also reminded that within 48 hours of stopping fishing to offload catch or within two (2) hours of completing offloading catch, whichever comes first, to provide to the service provider the weight by species (in pounds) of fish offloaded. Note that a phone report is required for all fishing activity even if no fish are caught. Failure to report zero catches may result in the over estimation of total catch.

3. Fishers are reminded it is an offence under Section 7 of the Marine Mammals Regulations to disturb marine mammals. Fishers are advised to follow the Be Whale Wise: Marine Wildlife Guidelines for Boaters, Paddlers and Viewers (BWW) which are available from local Fisheries Offices or online at http://www.pac.dfo-mpo.gc.ca/fm-gp/species-especies/mammals-mammiferes/view-observer-eng.htm to avoid disturbing local killer whales and other marine mammals.

4. Fishers are requested to avoid fishing among birds and not to run the net if birds are near the net. Fishers are requested to retain all dead birds
which are entangled and to release live and unharmed birds by placing them in the water. Please check all birds for metal bird bands (rings) on the leg. If a bird is banded please contact Laurie Wilson with the band number and capture date and location at 1-866-431-2473 (BIRD) or by the email below. Handle birds with gloves, double bag dead birds and label each bird with date, time, and location and store them on ice. Please call your local charter patrol to organize pick-up or drop them off at a local DFO office. Alternatively, please send photographs of birds with a reference object such as a coin, and the date, time and location to laurie.wilson@ec.gc.ca. Your names and vessel names do not need to be identified or included.

5. Fisheries and Oceans Canada is interested in reports of sea turtles in BC waters. By documenting sightings we are able to learn more about how, when and where these turtles are using our waters. If you see a sea turtle, please call this toll-free phone number: 1-866-I SAW ONE (1-866-472-9663). Please include information such as the type of sea turtle seen (i.e. leatherback), the location, and time of sighting.

6. FOR MORE INFORMATION (This is included in the notice text):

Barbara Mueller, Resource Manager (604)666-2370
Am hearing it is full- can you track down any info pls?
Hi Barbra,

I am in agreement with From looking at the creeks and rivers around Squamish escapement not appear to be a high to date as when the commercial fishery took place in 2013. However, I have to admit I haven't been up to the Ashlu or upper Squamish systems to see what the escapement to these areas is thus far. Perhaps the run is as large but fish are holding in the sound for longer this year? Perhaps environmental conditions in the river/ocean have changed date of river entry?

Could the commercial fishery opening be delayed until larger numbers are seen in the river systems and there is consensus by the sport fish/naturalist community that the run is as large as 2013?

Best wishes,

Barbara,

How many "boat days" per week was allowed in 2013? From observing the Mamquam River Pink numbers today I don't think this Pink Run is as large as before.
On Aug 7, 2015, at 1:25 PM, Mueller, Barbara <Barbara.Mueller@dfo-mpo.gc.ca> wrote:

Good Afternoon,

As a follow-up to this earlier correspondence, please find attached a letter outlining some additional details regarding this fishery.
Regards,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
c.: 
Email: barbara.mueller@dfo-mpo.gc.ca

From: Mueller, Barbara
Sent: 2015-June-18 7:29 AM
To: Bell-Irving, Rob; Campbell, Peter; Foy, Matthew; Harris, Rob; Loop, Dave; Sneddon, Debra; 'Gravel, Simon

Subject: 2015 Squamish Pink(Area B SN: Howe Sound: Area 28) Letter: For Distribution

Good Morning,

Please find attached a letter outlining Squamish Pink Salmon Mgmt. considerations for the upcoming 2015 fishing season.
Regards,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
c.: 
Email: barbara.mueller@dfo-mpo.gc.ca

<<Letter_Squamish Pink 07Aug2015.pdf>
Hi there – lines should clearly identify that there is a conservative limit on the quantity of fish that can be retained in a day, and that as always, the fishery may be closed at any time for conservation reasons.

This line reads strangely: “This limited and controlled fishing opportunity was designed to assess the ability to harvest pink salmon by seine…” – there is not doubt that pink salmon can be harvested by seine!! I suggest deleting the words “harvest pink salmon by seine” and keeping the rest of the info including the green font.

It would also be helpful to mention the consultation and engagement that has taken place over the past two years with respect to this fishery. I believe Deb Sneddon and possibly Corino (in a former role) were involved and could add some info on this.

Thanks,

Jennifer

Hi All:
Please review and provide your comments in response to request below –I’ve inserted some wording in green font below and if you can all provide me with any additional suggested edits I will roll this up and provide Jonathan with our collective response.
Thx., B.

Hi Barb,

As discussed, below are the lines I’ve created in response to inquiry further below. The lines are almost wholly from the related FN0825.
Please let me know ASAP if these need any changes before we send them to Rebecca, Sue and NHQ for their vetting prior to my formal response to the reporter—we simply need factual responses, as closely related to already-available fishery notice as possible.

Thanks,

Jonathan

Friday afternoon's fishery notice (FN0825) announced a limited opportunity pink salmon fishery for two seine vessels, occurring 6:00am to 9:00pm daily from August 10-15, 2015 in Howe Sound (Fisheries Management Subareas 28-1 through 28-5). Participation in this fishery is coordinated by the Area B Seine Harvest Committee.

This limited and controlled fishing opportunity was designed to assess the ability to harvest pink salmon by seine, gather information to help inform future management, and provide an assessment of spatial distribution and run timing pattern of Squamish River pink salmon in the approach areas of Howe Sound. There are promising early signals of a strong return of Squamish pink salmon this year. This fishery will be monitored, assessed, and evaluated on an on-going basis and information on the status and progress of this fishery will be communicated throughout the season.

This limited opportunity fishery is occurring within pre-identified management zones in the lower, mid and upper portions of Howe Sound. It will not contravene the existing Defence Islands and Queen Charlotte Channel glass sponge reef fishing closures in Howe Sound.

Jonathan Thar

Communications Advisor
Pacific Region
Fisheries and Oceans Canada | Government of Canada
Tel: 604-666-0646 | Jonathan.Thar@dfo-mpo.gc.ca

Conseiller en communications
Région du Pacifique
Pêches et Océans Canada | Gouvernement du Canada
Tél: 604-666-0646 | Jonathan.Thar@dfo-mpo.gc.ca

Hi,

We were sent an email this morning that said: DFO suddenly authorizes a massive fishery for the Jim Pattison corporation for pink salmon removal from the nitrogen-depleted Squamish watershed and that no warning about sponge beds.
Apparently the target for this fishery is Squamish River Pink Salmon and the seine fishery for numerous days this week? Can I get a reply on this from someone at DFO by 5 p.m.?

Thanks,

s.19(1)

Reporter
Squamish Chief

office:  
cell:  
To: Nener, Jennifer; Sneddon, Debra; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Large fishery authorized in Squamish Watershed for Jimmy Pattison group? The Squamish Chief request for comment

I think that the fact there has been engagement since 2013 (perhaps engagement is a better word than consultation) demonstrates that this fishery is not a “sudden authorization”.

JN

From: Mueller, Barbara
Sent: 2015–August-10 11:54 AM
To: Nener, Jennifer; Sneddon, Debra; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: FW: Large fishery authorized in Squamish Watershed for Jimmy Pattison group? The Squamish Chief request for comment

Ok—below is the updated text that reflects feedback so far. For this communication, I don’t think we want to get into consultation details, etc. <i.e.: Ques. Posed by BP & flagged in red font below> … but will wait for confirmation from others before sending this back to Jonathan – he noted that this is time time-sensitive as he needs to route it internally for sign-off & release ASAP in order to meet today’s deadline for DFO response.

Thx., B. 

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Hi All:
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Thx., B.

From: Thar, Jonathan
Sent: 2015-August-10 10:53 AM
To: Mueller, Barbara
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Large fishery authorized in Squamish Watershed for Jimmy Pattison group? The Squamish Chief request for comment
Importance: High

Hi Barb,

As discussed, below are the lines I've created in response to inquiry further below. The lines are almost wholly from the related FN0825.

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Jonathan Thar
Communications Advisor
Pacific Region
Fisheries and Oceans Canada | Government of Canada
From: [Hidden]
Sent: August-10-15 7:57 AM
To: RHQ - Media.PAC
Subject: Large fishery authorized in Squamish Watershed for Jimmy Pattison group? The Squamish Chief request for comment

Hi,

We were sent an email this morning that said: DFO suddenly authorizes a massive fishery for the Jim Pattison corporation for pink salmon removal from the nitrogen-depleted Squamish watershed and that no warning about sponge beds.

Apparently the target for this fishery is Squamish River Pink Salmon and the seine fishery for numerous days this week? Can I get a reply on this from someone at DFO by 5 p.m.?

Thanks,

Reporter
Squamish Chief

office:

cell:
Hi All:

FYI, attached is a list of the first 6 Area B boats scheduled to fish this coming week.

Note that so far this morning one vessel has hailed out to the fishery:

<table>
<thead>
<tr>
<th>VRN</th>
<th>VESSEL NAME</th>
<th>TRIP START DATE</th>
<th>INITIAL AREA</th>
<th>VESSEL MASTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>20817</td>
<td>SHANI LYNNE #2</td>
<td>10/AUG/2015</td>
<td>28</td>
<td></td>
</tr>
</tbody>
</table>

I'll provide additional details/updates as they become available.

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
### 2015 Squamish Pink Fishery - Participants List

<table>
<thead>
<tr>
<th>Fishing Dates</th>
<th>Vessel</th>
<th>VRN</th>
<th>Skipper</th>
<th>Cell #</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 10-11</td>
<td>Shani Lynne #2</td>
<td>20817</td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 10-11</td>
<td>Semidi</td>
<td>21228</td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 12-13</td>
<td>Nita Maria</td>
<td>20593</td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 12-13</td>
<td>Prosperity</td>
<td>29610</td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 14-15</td>
<td>Alaska Queen</td>
<td>21382</td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 14-15</td>
<td>Summer Hawk</td>
<td>29285</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working Group / Processor</td>
<td></td>
<td></td>
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<td>s.20(1)(b)</td>
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</tbody>
</table>
Low to no priority in responding to these. Once we have the media lines done we can just send these out incoming letters/emails.

Further to this, we've received some feedback in response to this letter and announcement of the fishery on Friday - note that these & any other incoming correspondence on this file will be saved to RM drive at the following link: F:\Squamish Watershed\2015 Pink Fisheries Planning\Correspondence\Incoming

Hi All,

Please note that the attached Squamish Pink Area B SN letter is ready for distribution. Also, this is saved to RM drive at the following location: F:\Squamish Watershed\2015 Pink Fisheries Planning\Letter_Squamish Pink 07Aug2015.pdf
Mueller, Barbara

From: Mueller, Barbara
Sent: 2015–August-10 7:36 AM
To: Tadey, Joe
Subject: RE: 2015 Squamish Pink(Area B SN: Howe Sound: Area 28) Letter: For Distribution

Yes it will be interesting to see and JOT is service provider for this project.

From: Tadey, Joe
Sent: 2015–August-07 7:23 PM
To: Mueller, Barbara
Subject: RE: 2015 Squamish Pink(Area B SN: Howe Sound: Area 28) Letter: For Distribution

Thanks Barbara.
It will be very interesting to see the catch and by-catch numbers in the lower Howe Sound areas (28-1, 28-2 & 28-3). Do you know who the Area B Seine HC got to conduct the independent observing? Is it one company like JOT?
Cheers,
Joe

From: Mueller, Barbara
Sent: 2015–August-07 1:24 PM
To: 'Edith Tobe'; Foy, Matthew; Nanson, Dave; Tadey, Joe; 'Brian Klassen'; Salomi, Corino; Sneddon, Debra;
Cc: 
Subject: RE: 2015 Squamish Pink(Area B SN: Howe Sound: Area 28) Letter: For Distribution

Good Afternoon,

As a follow-up to this earlier correspondence, please find attached a letter outlining some additional details regarding this fishery.


Regards,

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Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
c. 
Email: barbara.mueller@dfo-mpo.gc.ca

From: Mueller, Barbara
Sent: 2015–June-18 7:31 AM
To: Foy, Matthew; Nanson, Dave; Tadey, Joe; Brian Klassen;
Good Morning,

Please find attached a letter outlining Squamish Pink Salmon Mgmt. considerations for the upcoming 2015 fishing season.


Regards,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
Hi Jonathan – as discussed, here are collective Res. Mgmt. suggested messaging/media lines on this one:

Friday afternoon’s fishery notice (FN0825) announced a limited opportunity pink salmon fishery for two seine vessels, occurring 6:00am to 9:00pm daily from August 10-15, 2015 in Howe Sound (Fisheries Management Subareas 28-1 through 28-5). This fishery was planned based on information gathered from the 2013 exploratory fishery, the 2013 pink salmon escapement and the 2014 fry out migrant counts. The estimate of fry out migrants in 2014 was similar to that which produced the record 2013 escapement. Information regarding the 2015 fishery was shared in meetings, in the Salmon IFMP and via letters to Squamish Nation and other interested parties like the Squamish Watershed Society.

This limited and controlled fishing opportunity is designed to gather information to help inform future management, and provide an assessment of spatial distribution and run timing pattern of Squamish River pink salmon in the approach areas of Howe Sound. This limited opportunity fishery is occurring within pre-identified management zones in the lower, mid and upper portions of Howe Sound. The fishery targets pink salmon with mandatory release of all other species. Management of this fishery includes limitations on effort as well as catch. This fishery will be monitored, assessed, and evaluated on an on-going basis and information on the status and progress of this fishery will be communicated throughout the season. Note that monitoring includes independent on-board observers during all fishing activity. In addition, closures for sponge reef protection remain in place and the fishery will not contravene the existing Defence Islands and Queen Charlotte Channel glass sponge reef fishing closures in Howe Sound.

It is important to recognize that there are promising early signals of a strong return of Squamish pink salmon this year.

Hi Barb,
As discussed, below are the lines I’ve created in response to [redacted] inquiry further below. The lines are almost wholly from the related FN0825.

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Jonathan Thar
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Conseiller en communications
Région du Pacifique
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From: [redacted]
Sent: August-10-15 7:57 AM
To: RHQ - Media.PAC
Subject: Large fishery authorized in Squamish Watershed for Jimmy Pattison group? The Squamish Chief request for comment

Hi,

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Apparently the target for this fishery is Squamish River Pink Salmon and the seine fishery for numerous days this week? Can I get a reply on this from someone at DFO by 5 p.m.?

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s.19(1)

Reporter
Squamish Chief

office:
cell:
I think that the fact there has been engagement since 2013 (perhaps engagement is a better word than consultation) demonstrates that this fishery is not a “sudden authorization”.

JN
From: Mueller, Barbara  
Sent: 2015–August-10 11:54 AM  
To: Nener, Jennifer; Sneddon, Debra; Jantz, Lester; Hawkshaw, Mike  
Cc: Grout, Jeff; Payne, Brigid  
Subject: RE: Large fishery authorized in Squamish Watershed for Jimmy Pattison group? The Squamish Chief request for comment

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To: Mueller, Barbara  
Cc: Grout, Jeff; Payne, Brigid  
Subject: RE: Large fishery authorized in Squamish Watershed for Jimmy Pattison group? The Squamish Chief request for comment  
Importance: High

Hi Barb,

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s.21(1)(b)

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Thanks,

Reporter
Squamish Chief

office:  
cell:  
Thanks for your collective responses ...unless I hear otherwise, I’ll forward below-noted response to Jonathan at 1:00pm.
Thx., B.

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To: Nener, Jennifer; Sneddon, Debra; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: FW: Large fishery authorized in Squamish Watershed for Jimmy Pattison group? The Squamish Chief request for comment
Importance: High

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Jonathan

Friday afternoon’s fishery notice (FN0825) announced a limited opportunity pink salmon fishery for two seine vessels, occurring 6:00am to 9:00pm daily from August 10-15, 2015 in Howe Sound (Fisheries Management Subareas 28-1 through 28-5). This limited and controlled fishing opportunity was designed to gather information to help inform future management, and provide an assessment of spatial distribution and run timing pattern of Squamish River pink salmon in the approach areas of Howe Sound. There are promising early signals of a strong return of Squamish pink salmon this year. This fishery will be monitored, assessed, and evaluated on an on-going basis and information on the status and progress of this fishery will be communicated throughout the season.

This limited opportunity fishery is occurring within pre-identified management zones in the lower, mid and upper portions of Howe Sound. It will not contravene the existing Defence Islands and Queen Charlotte Channel glass sponge reef fishing closures in Howe Sound.

Jonathan Thar

Communications Advisor
Pacific Region
Fisheries and Oceans Canada | Government of Canada
Tel: 604-666-0646 | Jonathan.Thar@dfo-mpo.gc.ca

Conseiller en communications
Région du Pacifique
Pêches et Océans Canada | Gouvernement du Canada
Tél: 604-666-0646 | Jonathan.Thar@dfo-mpo.gc.ca

From: ... Sent: August-10-15 7:57 AM
To: RHQ - Media.PAC
Subject: Large fishery authorized in Squamish Watershed for Jimmy Pattison group? The Squamish Chief request for comment

Hi,
We were sent an email this morning that said: DFO suddenly authorizes a massive fishery for the Jim Pattison corporation for pink salmon removal from the nitrogen-depleted Squamish watershed and that no warning about sponge beds.

Apparently the target for this fishery is Squamish River Pink Salmon and the seine fishery for numerous days this week? Can I get a reply on this from someone at DFO by 5 p.m.?

Thanks,

s.19(1)

Reporter
Squamish Chief

office:
cell:
this Pink run is no where the size of 2013, I have been on the Cheakamus, Mamquam and Ashlu systems, I have seen no Pinks any where, in 2013 the same systems were black with Pinks.

has also, demanded a science based decision making process, as we appreciate we must make informed decisions based on sound evidence of science, Not !, DFO best guestimates word of mouth information.

DFO expert’s please provide your science based decision making process, the end result’s which provided the informed decisions to open up this Pink commercial fishery, and to determine the size to the commercial harvesting size of total allowable catch in Howe Sound, along with where harvesting is allowed, Squamish Nation is absolutely apposed to this harvesting in Howe Sound without meaningful science based knowledge on size of this season Pink run.

Hi Barbara,

This is absolutely unacceptable! We do not even know how many fish are coming back Your letter does not indicate total allowable catch and is
based on no science. To start a fishery that is 4+ times the size of the last fishery on these fish is beyond ridiculous, it is criminal.

Tight lines,

On Fri, Aug 7, 2015 at 1:25 PM, Mueller, Barbara <Barbara.Mueller@dfo-mpo.gc.ca> wrote:

Good Afternoon,

As a follow-up to this earlier correspondence, please find attached a letter outlining some additional details regarding this fishery.

Regards,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca

From: Mueller, Barbara
Sent: 2015–June-18 7:29 AM
To: Bell-Irving, Rob; Campbell, Peter; Foy, Matthew; Harris, Rob; Loop, Dave; Sneddon, Debra;
Good Morning,

Please find attached a letter outlining Squamish Pink Salmon Mgmt. considerations for the upcoming 2015 fishing season.


Regards,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca

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Hi All:

Please find attached Catch Encounter Data summary to date for Area B Seine for Howe Sound Pink Fishery – file will be updated daily & saved to RM drive at following location:
F:\Squamish Watershed\2015 Pink Fisheries Planning\CATCH SUMMARY

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
<table>
<thead>
<tr>
<th>VRN</th>
<th>Location</th>
<th>Depth (fathoms)</th>
<th>Type</th>
<th>Set</th>
<th>Time Set Start</th>
<th>Time Set Ends</th>
<th>Time Braid Start</th>
<th>Time Braid Ends</th>
<th># Pinks/Braid</th>
<th># Brails/Set</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>20817</td>
<td>Squamish Term.</td>
<td>28-5</td>
<td>Open</td>
<td>1</td>
<td>0908</td>
<td>1020</td>
<td>0950</td>
<td>1005</td>
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<td>0</td>
<td>0 0 0 0 0 0 0 0 0 0 0</td>
</tr>
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<tr>
<td>21228</td>
<td>Squamish Harbour</td>
<td>28-5</td>
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</tr>
<tr>
<td>21228</td>
<td>Squamish Harbour</td>
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<td>3</td>
<td>1900</td>
<td>2005</td>
<td>1935</td>
<td>2000</td>
<td>0</td>
<td>0</td>
<td>0 0 0 0 0 0 0 5 0</td>
</tr>
</tbody>
</table>

Note: GREEN font indicates Pink kept is a count. RED font indicates Pink kept is an estimate. All CN(AFC) released in Cond. 1.
Here is the most recent summary/Update:

- Observer record submitted for “Shani Lynne#2”: 2 sets for \( \text{Shani Lynne#2} \); Both sets made in PFMA 28-5 near “Squamish Terminals”
  Breakdown as follows: Set #1(\text{am})= \( \) \& “0” bycatch AND Set#2(\text{pm})= \( \) \& by-catch of 1 CN<reported as released in “Cond.1 “>
- Observer records/logs saved to RM drive at: F:\Squamish Watershed\2015 Pink Fisheries Planning\JOT Observer Reports
- Still waiting for JOT log for “Semidi” –and at this point it’s unclear if they even got in a set yesterday(\text{TBC})
- So far today “Shani Lynne#2” hailed out to the fishery – will confirm if 2\text{nd} vessel is also back out on fishing ground

Additional updates will be provided as they become available.

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
c.: barbara.mueller@dfo-mpo.gc.ca
- Not a lot of fish abundance observed to this point but expect that fish may start to show up with EBB tide
- Semidi ran aground and expected to get going again here shortly as tide comes in
- Arrangements in place for JOT Observers to provide their data/reports to me electronically today at end of the fishing period

Additional updates will be provided as they become available.

Barbara Mueller  
Fisheries and Oceans Canada  
Resource Manager, Lower Fraser Area  
Tel.: 604.666.2370  
Fax: 604.666.7112  
c.: Email: barbara.mueller@dfo-mpo.gc.ca

From: Mueller, Barbara  
Sent: 2015–August-10 7:11 AM  
To: Hawkshaw, Mike; Jantz, Lester; Nener, Jennifer; Sneddon, Debra  
Cc: Loop, Dave; Harris, Rob  
Subject: Area B SN Howe Sound Pink Fishery: UPDATE 10Aug2015<@07:00h>

Hi All:

FYI, attached is a list of the first 6 Area B boats scheduled to fish this coming week.

Note that so far this morning one vessel has hailed out to the fishery:

<table>
<thead>
<tr>
<th>NO</th>
<th>VESSEL NAME</th>
<th>COMM. TIME</th>
<th>VELCC/NAME/INITIAL</th>
<th>AREA</th>
<th>VESSEL/MASTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>20817</td>
<td>SHANI LYNNE #2</td>
<td>10/AUG/2015</td>
<td>28</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

I'll provide additional details/updates as they become available.

Barbara Mueller  
Fisheries and Oceans Canada  
Resource Manager, Lower Fraser Area  
Tel.: 604.666.2370  
Fax: 604.666.7112  
c.: Email: barbara.mueller@dfo-mpo.gc.ca
BARD

-August 1, 2015

- Stuffing list from chair of local rec committee (Dave Brown)
- Information limited
- Can't provide info requesting
data-limited history, which is why we have a very conservative
presumption approach
certified risks are reasonably low
- Rec fising open since 2011
Support a resolution of information to support future management
of this specific fishery.
Page 105
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page 177
### AREA B SEINE - CATCH ENCOUNTER DATA
Area 28 Howe Sound Squamish Pink Fishery
Last Updated: 11-Aug-2015 @10:15h [B. Mueller]

#### VESSEL INFORMATION

<table>
<thead>
<tr>
<th>Trip # POS</th>
<th>Date</th>
<th>Observer Name</th>
<th>Vessel</th>
<th>VRN</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Depth (fathoms)</th>
<th>FOS</th>
<th>Net Type</th>
<th>Type of Set</th>
<th>Time</th>
<th>Set</th>
<th>Time</th>
<th>Time</th>
<th># Pinks</th>
<th># Brails / Set</th>
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<tbody>
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<td>10/08/2015</td>
<td>S. Cascade</td>
<td>Shani Lynn #2</td>
<td>20817</td>
<td>Squamish Term.</td>
<td></td>
<td></td>
<td>28-5</td>
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<td>Open</td>
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<td>1020</td>
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<tr>
<td>10/08/2015</td>
<td>S. Cascade</td>
<td>Shani Lynn #2</td>
<td>20817</td>
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<td>Squamish Term.</td>
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<tr>
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<td>G. Barlow</td>
<td>Semidi</td>
<td>21228</td>
<td></td>
<td>Squamish Term.</td>
<td></td>
<td></td>
<td>28-5</td>
<td></td>
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<td>1930</td>
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<tr>
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<td>G. Barlow</td>
<td>Semidi</td>
<td>21228</td>
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</table>

#### SET DATA

<table>
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<tr>
<th>Date</th>
<th>Observer Name</th>
<th>Vessel</th>
<th>VRN</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Depth (fathoms)</th>
<th>FOS</th>
<th>Net Type</th>
<th>Type of Set</th>
<th>Time</th>
<th>Set</th>
<th>Time</th>
<th>Time</th>
<th># Pinks</th>
<th># Brails / Set</th>
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<tr>
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<td>0950</td>
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<tr>
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<td>S. Cascade</td>
<td>Shani Lynn #2</td>
<td>20817</td>
<td>Squamish Term.</td>
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<td>1130</td>
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<td>0</td>
</tr>
<tr>
<td>10/08/2015</td>
<td>G. Barlow</td>
<td>Semidi</td>
<td>21228</td>
<td>Squamish Term.</td>
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<td></td>
<td>28-5</td>
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<td>Open</td>
<td>Open</td>
<td>1620</td>
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<td>1930</td>
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<tr>
<td>10/08/2015</td>
<td>G. Barlow</td>
<td>Semidi</td>
<td>21228</td>
<td>Squamish Harbour</td>
<td></td>
<td></td>
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<td>Open</td>
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<td>2300</td>
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<td>2300</td>
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</tr>
</tbody>
</table>

#### CATCH AND RELEASE DATA

- **Pinks**: 0
- **Chum**: 0
- **Chum Rel**: 0
- **Chum Rel**: 0
- **Sax**: 0
- **Coho**: 0
- **Coho Rel**: 0
- **Stbd Rel**: 0

Note: All CN(A)
| Trip ID # | Date     | Observer Name | Vessel          | VRN  | Location | Latitude | Longitude | Depth (fathoms) | PFMA Stat Area | Net Type | Type of Set | Open/Beach | Time Set Start | Time Set Ends | Time Brail Start | Time Brail Ends | # Pinks / Brail | # Brails / Set |
|----------|----------|---------------|-----------------|------|----------|----------|-----------|-----------------|----------------|----------|-------------|------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|
| 232756   | 11/08/2015 | Shani Lynn #2 | 20817           |      |          |          |           |                 |                |          |             |            |                |               |                |                |                |                |
|          | 11/08/2015 | Semidi       | 21228           |      |          |          |           |                 |                |          |             |            |                |               |                |                |                |                |
Sneddon, Debra

From: Sneddon, Debra  
Sent: 2015-August-11 11:51 AM  
To: Mueller, Barbara  
Subject: RE: Howe sound pink fishery

Unfortunately not being at the meeting last week where the final details were laid out, and not sending a letter, has put us in a difficult position. I think if those boats are still fishing in 28-5 today we'll need to stop the fishery. I'd really like to know their position, is it a difficult/lengthy thing to look up?

From: Mueller, Barbara  
Sent: August-11-15 11:47 AM  
To: Sneddon, Debra  
Subject: RE: Howe sound pink fishery

I can try to locate current vessel locations via marine vessel VMS site but as I suggested yesterday, Area B may need some further direction on implementing fishing pattern we want them to follow. I have of course raised the issue with Chris yesterday and earlier today and he said he would send a reminder/notification to fishers.

From: Sneddon, Debra  
Sent: 2015-August-11 11:18 AM  
To: Mueller, Barbara  
Subject: RE: Howe sound pink fishery

Can you find out where they are fishing today without waiting for the day end report? Want to ensure they have moved to either the mid sound or outer sound based on our pre-season discussion.

From: Mueller, Barbara  
Sent: August-11-15 9:12 AM  
To: Grout, Jeff; Sneddon, Debra  
Cc: Hawkshaw, Mike; Nener, Jennifer; Payne, Brigid  
Subject: RE: Howe sound pink fishery
I will create excel. file summary of effort by day, catch encounter data, location, etc.

B.

From: Grout, Jeff  
Sent: 2015–August-11 8:37 AM  
To: Sneddon, Debra  
Cc: Hawkshaw, Mike; Mueller, Barbara; Nener, Jennifer; Payne, Brigid  
Subject: Howe sound pink fishery

Morning Deb,

There has been a fair bit of interest and some media attention for this fishery (perhaps an indication of how slow the fishing is for FR sockeye). I think I'll need to have some further specific information on the fishery over the next couple of days. I think it would be helpful to have a summary of effort (boats and sets) by day, catches and location of the sets. If there is any ancillary information on pink abundance that would be useful too. Are we seeing pink abundance in the Squamish river or tribs yet? Had one report of lots of recreational angling activity around Furry Cr. with casting from the beach (not sure whether that would be pink targeted)

Last, any feedback from Squamish FN would be helpful as well.

Thanks, Jeff

Jeff Grout  
Regional Resource Manager - Salmon  
Fisheries and Oceans Canada  
401 Burrard St., Vancouver, BC, V6C 3S4

w: (604) 666-0497  
c: s.19(1)

Jeff.Grout@dfo-mpo.gc.ca
In my view, if the report from today shows both boats fishing in 28-5 that we end the fishery early. I think we need to put Chris on notice as well. Thoughts from others?

---

Our discussion was one boat inner areas one day, the other boat outer or middle areas. Then they switch, the following table shows the concept.

<table>
<thead>
<tr>
<th>Area</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inner Area (28-5)</td>
<td>boat a</td>
<td>boat b</td>
<td>boat c</td>
<td>boat d</td>
<td>boat e</td>
<td>boat f</td>
</tr>
<tr>
<td>Outer (28-1 and 28-2) or</td>
<td>boat b</td>
<td>boat a</td>
<td>boat d</td>
<td>boat c</td>
<td>boat f</td>
<td>boat e</td>
</tr>
<tr>
<td>Middle Area (28-3 and 28-4)</td>
<td>boat b</td>
<td>boat a</td>
<td>boat d</td>
<td>boat c</td>
<td>boat f</td>
<td>boat e</td>
</tr>
</tbody>
</table>

---

Mike, when you and Jennifer finalized the plan did you specify the order of the fishing i.e. near Squamish first followed by mid sound, then outer sound? Were descriptions of those areas provided? My understanding is there are 2 boats per day fishing in one of those areas, the next day another two boats fish in the next area. Is this correct?

Further to this, when I spoke with Chris earlier this afternoon I also asked him if these boats were fishing in Mid/Outer zones/Subareas as agreed upon and he suggested that he thought they may both be in and around Upper zone (28-5). I asked him if he had clearly identified to participants the planned approach to fish in other zones i.e.: incl. Lower/Mid.
Sub-Areas> and he confirmed that he had. It appears that may be a requirement to provide additional direction to Area B on implementing the fishing plan/pattern we want them to follow—JOT Observer reports will of course confirm the location(s) of any sets made today.

From: Mueller, Barbara  
Sent: 2015–August-10 3:13 PM  
To: Hawkshaw, Mike; Jantz, Lester; Nener, Jennifer; Sneddon, Debra  
Cc: Loop, Dave; Harris, Rob  
Subject: RE: Area B SN Howe Sound Pink Fishery: UPDATE 10Aug2015<@15:00h>

Here is the most recent report/update on the progress of this Fishery:
• Both Vessels out on fishing grounds(Shani Lynne#2 and Semidi)
• Not a lot of fish abundance observed to this point but expect that fish may start to show up with EBB tide
• Semidi ran aground and expected to get going again here shortly as tide comes in
• Arrangements in place for JOT Observers to provide their data/reports to me electronically today at end of the fishing period

Additional updates will be provided as they become available.

Barbara Mueller  
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Note that so far this morning one vessel has hailed out to the fishery:

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<thead>
<tr>
<th>VRN</th>
<th>VESSEL NAME</th>
<th>TRIP START DATE</th>
<th>INITIAL AREA</th>
<th>VESSEL MASTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>20817</td>
<td>SHANI LYNNE #2</td>
<td>10/AUG/2015</td>
<td>28</td>
<td></td>
</tr>
</tbody>
</table>

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Barbara Mueller  
Fisheries and Oceans Canada  
Resource Manager, Lower Fraser Area  
Tel.: 604.666.2370  
Fax: 604.666.7112  
c.:  
Email: barbara.mueller@dfo-mpo.gc.ca
I think Barb is gone for the day. My understanding is there is no specific licence, it is under their annual licence and opened by Variation Order. The VO would not have this level of detail, the fishery is cooperatively managed with the Area B Assoc. It is Chris’s role to ensure the fishery proceeds as agreed to.

Barb – how was this identified in the licence?

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<table>
<thead>
<tr>
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<th>Thursday</th>
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<td>boat b</td>
<td>boat c</td>
<td>boat d</td>
<td>boat e</td>
<td>boat f</td>
<td></td>
</tr>
<tr>
<td>Outer (28-1 and 28-2) or Middle Area (28-3 and 28-4)</td>
<td>boat b</td>
<td>boat a</td>
<td>boat d</td>
<td>boat c</td>
<td>boat f</td>
<td>boat e</td>
</tr>
</tbody>
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- Not a lot of fish abundance observed to this point but expect that fish may start to show up with EBB tide
- Semidi ran aground and expected to get going again here shortly as tide comes in
- Arrangements in place for JOT Observers to provide their data/reports to me electronically today at end of the fishing period

Additional updates will be provided as they become available.

**Barbara Mueller**
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
c.: ____________________
Email: barbara.mueller@dfo-mpo.gc.ca

FYI, attached is a list of the first 6 Area B boats scheduled to fish this coming week.

Note that so far this morning one vessel has hailed out to the fishery:

<table>
<thead>
<tr>
<th>VRN</th>
<th>VESSEL NAME</th>
<th>TRIP START DATE</th>
<th>INITIAL AREA</th>
<th>VESSEL MASTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>20817</td>
<td>SHANI LYNNE #2</td>
<td>10/AUG/2015</td>
<td>28</td>
<td></td>
</tr>
</tbody>
</table>
I'll provide additional details/updates as they become available.

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
Went straight to voicemail, so please call me back. Def need to connect before you’re tied up at 1:30 as the deadline’s even tighter than yesterday’s. Thank you!!!

JT
6-0646
From: Mueller, Barbara  
Sent: 2015-August-12 7:46 AM  
To: Sneddon, Debra; Nener, Jennifer  
Cc: Hawkshaw, Mike  
Subject: RE: Area B SN Howe Sound Pink Fishery: UPDATE 10Aug2015<@15:00h>  
Attachments: 2015 Squamish Fishery.doc

From: Sneddon, Debra  
Sent: 2015-August-12 7:41 AM  
To: Mueller, Barbara; Nener, Jennifer  
Cc: Hawkshaw, Mike  
Subject: Re: Area B SN Howe Sound Pink Fishery: UPDATE 10Aug2015<@15:00h>  
Can you please provide what Chris distributed  
Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Mueller, Barbara  
Sent: Wednesday, August 12, 2015 7:31 AM  
To: Nener, Jennifer  
Cc: Sneddon, Debra; Hawkshaw, Mike  
Subject: RE: Area B SN Howe Sound Pink Fishery: UPDATE 10Aug2015<@15:00h>  
This fishery is managed by VO and FN. Chris Ashton outlined planned approach below in the Info. document distributed to the fleet.

From: Nener, Jennifer  
Sent: 2015-August-11 4:37 PM  
To: Mueller, Barbara  
Cc: Sneddon, Debra; Hawkshaw, Mike  
Subject: RE: Area B SN Howe Sound Pink Fishery: UPDATE 10Aug2015<@15:00h>  
Barb – how was this identified in the licence?

From: Hawkshaw, Mike  
Sent: 2015-August-11 1:45 PM  
To: Sneddon, Debra; Jantz, Lester; Mueller, Barbara; Nener, Jennifer  
Cc: Loop, Dave; Harris, Rob  
Subject: RE: Area B SN Howe Sound Pink Fishery: UPDATE 10Aug2015<@15:00h>  
Our discussion was one boat inner areas one day, the other boat outer or middle areas. Then they switch, the following table shows the concept.

<table>
<thead>
<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inner Area (28-5)</td>
<td>boat a</td>
<td>boat b</td>
<td>boat c</td>
<td>boat d</td>
<td>boat e</td>
<td>boat f</td>
</tr>
<tr>
<td>Outer (28-1 and 28-2) or</td>
<td>boat b</td>
<td>boat a</td>
<td>boat d</td>
<td>boat c</td>
<td>boat f</td>
<td>boat e</td>
</tr>
</tbody>
</table>
Middle Area (28-3 and 28-4)

From: Sneddon, Debra  
Sent: 2015-August-11 12:09 PM  
To: Mueller, Barbara; Hawkshaw, Mike; Jantz, Lester; Nener, Jennifer  
Cc: Loop, Dave; Harris, Rob  
Subject: RE: Area B SN Howe Sound Pink Fishery: UPDATE 10Aug2015<@15:00h>

Mike, when you and Jennifer finalized the plan did you specify the order of the fishing i.e. near Squamish first followed by mid sound, then outer sound? Were descriptions of those areas provided? My understanding is there are 2 boats per day fishing in one of those areas, the next day another two boats fish in the next area. Is this correct?

From: Mueller, Barbara  
Sent: August-10-15 6:26 PM  
To: Hawkshaw, Mike; Jantz, Lester; Nener, Jennifer; Sneddon, Debra  
Cc: Loop, Dave; Harris, Rob  
Subject: RE: Area B SN Howe Sound Pink Fishery: UPDATE 10Aug2015<@15:00h>

Further to this, when I spoke with Chris earlier this afternoon I also asked him if these boats were fishing in Mid/Outer zones/Subareas as agreed upon and he suggested that he thought they may both be in and around Upper zone (28-5). I asked him if he had clearly identified to participants the planned approach to fish in other zones<i.e.: incl. Lower/Mid. Sub-Areas> and he confirmed that he had. It appears that may be a requirement to provide additional direction to Area B on implementing the fishing plan/pattern we want them to follow –JOT Observer reports will of course confirm the location(s) of any sets made today.

From: Mueller, Barbara  
Sent: 2015–August-10 3:13 PM  
To: Hawkshaw, Mike; Jantz, Lester; Nener, Jennifer; Sneddon, Debra  
Cc: Loop, Dave; Harris, Rob  
Subject: RE: Area B SN Howe Sound Pink Fishery: UPDATE 10Aug2015<@15:00h>

Here is the most recent report/update on the progress of this Fishery:

- Both Vessels out on fishing grounds(Shani Lynne#2 and Semidi)
- Not a lot of fish abundance observed to this point but expect that fish may start to show up with EBB tide
- Semidi ran aground and expected to get going again here shortly as tide comes in
- Arrangements in place for JOT Observers to provide their data/reports to me electronically today at end of the fishing period

Additional updates will be provided as they become available.

Barbara Mueller  
Fisheries and Oceans Canada  
Resource Manager, Lower Fraser Area  
Tel.: 604.666.2370  
Fax: 604.666.7112  
Email: barbara.mueller@dfo-mpo.gc.ca
Hi All:

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Note that so far this morning one vessel has hailed out to the fishery:

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Barbara Mueller  
Fisheries and Oceans Canada  
Resource Manager, Lower Fraser Area  
Tel.: 604.666.2370  
Fax: 604.666.7112  
Email: barbara.mueller@dfo-mpo.gc.ca
To all,

Please see the attached finalized document. This was sent out late this afternoon to all the 'Working Groups' with the direction that the fishery would be scheduled to start next Monday, August 11 for the first two vessels selected in a lottery draw. The closing date for vessel submission is 9:00 PM Thursday and the Draw will take place at 09:00 AM, Friday, August 7 in the Canadian Fishing Company main office.

I will need to firm up both the Fishery Notice announcing this fishery and receive confirmation from JO Thomas of observer coverage.

Please let me know if there are any other issues that need attending to.

Regards,

Chris

--

Chris Ashton, Executive Director
Area B Harvest Committee/Area B Seine Society
Cell: Off:  

s.19(1)
Area B Harvest Committee/Area B Seine Society
Representing British Columbia's south coast Seine Fleet

'Unloading & sorting salmon
- selective Seine fishing'

2015 SQUAMISH PINK FISHERY

PURPOSE:
The purpose of this fishery is to take advantage of harvesting surplus abundance of Squamish pink salmon, while learning from the opportunity to help inform management approaches for future years. For this reason, the fishery will be structured so data will be gathered through a 'controlled seine fishery' that is designed to provide an assessment of spatial distribution in the approach areas of Howe Sound, run timing and abundance.

PROGRAM AND PARTICIPATION:
Because this fishery is not being based on any identifiable TAC, only actively rigged and crewed vessels will be considered for this opportunity. Participating vessels are required to make a minimum amount of sets per day (4-6 sets) in designated fishing zones in Howe Sound (Zone 1 – outer; Zone 2 – middle; Zone 3 – inner), with effort spread within the zones, and GPS coordinates provided. Vessels will participate in groups of two vessels fishing two consecutive days in each fishing period. The two vessels in each group will alternately fish one day in the 'Inner Zone' and one day in the 'Outer' or 'Middle Zone', or both.

There will be three fishing periods per week equalling six boats/boat days. The fishery will commence on or about August 10 and extend to approximately the week ending September 12, depending what transpires with pinks salmon returns.

Vessels will be selected through a 'call-out' for participants, a vetting process for suitability and finally a draw. It is the intent of Area B, through this process, to provide an opportunity to as many active Area B vessels as possible.

Each vessel will be permitted to harvest and retain a set amount of fish. Any overages taken above the set amount will be passed along to the next participants. In each fishing period/week the three groups of two vessels will be required to coordinate their efforts and catch.

Payment and participation are not guaranteed.

This fishery will be opened by a version of the following Fisheries Notice format:

The involvement of the Area B seine fleet in the Area 28, Howe Sound, Squamish River Pink fishery is dependent on the Area B Seine Harvest Committee developing and implementing a fishing plan that limits the vessel participation and limits the harvest of pinks to a weekly per vessel maximum target allocation. This fishing is being conducted as a test fishery with the prime objective of gathering data to facilitate future management objectives. This fishing opportunity is possible due to the cooperation between Fisheries Management staff and the Area B Harvest Committee to actively manage this weekly fishing plan.

As a result, Area B vessel masters and vessels must have a valid 2015 Area B Seine Licence and must have been designated to participate by having their name selected through a lottery-type draw and placed on a 'List' which will subsequently be managed by the Area B Harvest Committee. This fishery will not proceed should undesignated seine vessels attempt to participate in this fishery.

s.19(1)
4735 Pilot House Road, West Vancouver, B.C. V7W 1J2
Tel: Fax: 604 922-1562
Email: areab@telus.net
Cell: 00120
Within the Fishing Period:

a) The three groups of vessels, in each week, will be required to work as three two-vessel pools, however any overages will be moved to the next group and finally at the end of the fishing week if there are any remaining overages those overages will be moved to the following weeks Groups on a ‘first start’ basis. Vessels are encouraged to limit their harvest to meeting their own catch requirements – i.e. avoid overages.

b) It is recognized that discrepancies often occur between accurately counting the catch and the methodology of applying an average weight to a measured count at the time of an offload – overages of 3% will be regarded as ‘small but acceptable’ and will not require transfer. However, if the overage is above 3% occurs then the entire amount above the allowable catch will be subject to transfer.

c) Overages, identified at the time of offloading, will be assigned to the next Group(s) and will be the responsibility of the receiving Group to arrange for transportation and payment of any applicable offloading charges unless the receiving Group makes alternative arrangements.

d) The individual two-vessel Groups are not responsible or liable for any underages by any other Group.

e) Within each two vessel group the vessels will be required to fish one day each in the ‘outer’ and middle’ area of Howe Sound and one day in the inner portion.

f) This fishery is ‘by-catch sensitive’ – all by-catch must be handled with the utmost care and released unharmed.

g) A catch of a maximum of 25,000 pcs of Pink salmon may be retained per vessel within each fishing period.

h) The ‘catch’ may be retained from any of the fishing zones.

i) The ‘catch’ is not guaranteed.

j) The extent of this fishery is not guaranteed – it may extend for one week from August 10 and may extend for the entire five weeks through to the end of the week of September 11 or the fishery may be cancelled or suspended without notice by DFO.

k) All fish must be delivered to an approved offload station and must be validated by the ‘Service Provider’ (JO Thomas & Associates).

l) If there are any ‘Overages’ above the designated allowable amount per vessel for the total vessels within that fishing period, then those overages will be passed onto the vessels in the next fishing period.

m) All vessels participating in this fishery must have an on-board observer (provided by the ‘Service Provider’) during the entire period where that vessel is engaged in fishing activities.

n) It will be the responsibility of the vessel masters to coordinate the transfers of the on-board observers from vessels departing the fishery to the new participation vessels – observers will not be taken off the fishing ground to an offloading port unless directed to.

o) Vessel Masters must be willing and able to record and pass on set logs, catch records and observations of fish behaviour for the duration of their participation in this fishery. (i.e must keep an accurate fishing log and diary of activities and observations)

p) Vessels must be equipped with the proper and accepted selective fishing gear and crewed with an experienced crew that is knowledgeable in fish identification and fish handling techniques:

  i) Contained wet sorting area
  ii) Revival box with functioning pump
  iii) Wet chute for overboard release of by-catch
  iv) Must have suitable accommodation for an observer
q) All sets must be dried up 'loosely' to provide an adequate flow of fresh oxygenated water to ensure fish survival.

r) When retaining catch crews must take care to ensure that they do not exceed the allowable target allocation per vessel.
   i) Brailers must be calibrated – i.e. fill and count several brailers to ascertain the 'average brailer load'
   ii) Keep the bunt loosely dried-up – this may require re-drying the bunt more often but will ensure that the catch remains alive and vibrant.

s) Vessels should attempt to be as accurate as possible in their count as overages are not encouraged or desired.

t) Vessel masters and crew must have knowledge of the proper methodology for 'spilling' fish over the bunt-gable to accomplish a harmless release while assessing the abundance of a set.

SELECTION PROCESS AND PARTICIPATION

u) Vessels submitted for participation will be assessed for suitability and a 'draw' will take place. The draw may make use of one of two formats:

   i) Vessel names will be arranged alphabetically and numbered sequentially.
   ii) The list may be entered into a computer generated 'lottery draw' (which will take an unlimited number of entries). A random list is generated from this method.
   iii) OR - numbered balls will be drawn from a 'lottery ball cage' (limited to 75 entries).
   iv) All numbered balls will be drawn and recorded in the order drawn.
   v) A vessel participation list will be generated from cross referencing the vessel names listed in their numerical order with the corresponding order of numbers generated from the draw.
   vi) The 'Draw' will take place on Friday, August 7 at 9:00 AM in the offices of Canadian Fishing Company at the Foot of Gore Ave., Vancouver.

v) Vessels will be expected to show up for their turn, ready and able to fish.

w) If a vessel is unable to participate at the designated time they will be required to provide ample lead time for the next vessel on the list to take the turn. If a vessel fails to provide ample lead time that vessel will be moved to the bottom of the list.

x) The vessel unable to attend will be moved one spot down the list – this will be allowed a maximum of two times before that vessel is moved to the bottom of the list.

y) Power Skiffs – while not mandatory, use of power skiffs is allowed and recommended (afternoon thermals in the Squamish area results in very strong windy conditions).

z) **HOW TO ENTER A VESSEL NAME FOR PARTICIPATING IN THIS FISHERY:** vessels wishing to have their name entered in the draw should have their name submitted to the Area B Harvest Committee, either by email (preferable), text or a phone call by 9:00 PM Thursday, August 6. Contact at: areab@telus.net or Chris Ashton's cell.  

s.19(1)
## 2015 Squamish Pink Fishery - Participants List

<table>
<thead>
<tr>
<th>Fishing Dates</th>
<th>Vessel</th>
<th>VRN</th>
<th>Skipper</th>
<th>Cell #</th>
<th>Working Group / Processor</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 10-11</td>
<td>Shani Lynne #2</td>
<td>20817</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 10-11</td>
<td>Semidi</td>
<td>21228</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 12-13</td>
<td>Nita Maria</td>
<td>20593</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 12-13</td>
<td>Prosperity</td>
<td>29610</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 14-15</td>
<td>Alaska Queen</td>
<td>21382</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 14-15</td>
<td>Summer Hawk</td>
<td>29285</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
From: Mueller, Barbara
Sent: 2015–August-12 11:46 AM
To: Chin, Peter
Cc: Loop, Dave
Subject: FW: Draft FN Area B SN Howe Sound Pink Fishery.:
Importance: High

FYI—a notice will be released here shortly announcing the fishery closure. Also, skippers have been contacted and advised of the closure.
Thx., B.

From: Mueller, Barbara
Sent: 2015–August-12 11:37 AM
To: Grout, Jeff; Binning, Kelly; Sneddon, Debra
Cc: XPAC Ops Centre Fishery Pacific
Subject: Draft FN Area B SN Howe Sound Pink Fishery.:
Importance: High

Hi Kelly/Jeff:

Please release the attached Area B fishery notice ASAP. This has been reviewed/approved by LFA.
Thx.,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: n s.19(1)
Fishery Notice Template

(For Ops Centre use only) FN:

A. ORIGINATOR & TELEPHONE NO.:

Barbara Mueller, Resource Manager (604) 666-2370

B. DATE TO BE SENT:

August 12, 2015

C. IS THIS NOTICE OF A VARIATION ORDER? IF YES, IS THIS ACTION PART OF THE APPROVED PLAN?

Yes

D. IS THERE A NEWS RELEASE PLANNED OR RECOMMENDED?

No

DETAILS FOR NOTICE:

1. FISHERY CATEGORY(S):

COMMERCIAL - Salmon: Seine

2. SPECIES AFFECTED:

Pink Salmon

3. SUBJECT LINE:

Salmon: Seine- Area B - Pink Limited Participation in Area 28 - Howe Sound - Immediate Closure

4. LIST ALL AREAS OR REGIONS IMPACTED:

Area 28

5. *NEW* NOTICE TO BE SUPERCEDED *NEW*

FN0825

6. BODY OF NOTICE TEXT:

Further to FN0825, effective immediately, the limited Participation Area B seine pink fishery in Howe Sound is closed until further notice.

The following Variation Orders are revoked: 2015-STN-SN-003, 2015-STN-SN-004, 2015-STN-SN-005, 2015-STN-SN-006
6. FOR MORE INFORMATION (This is included in the notice text):

Barbara Mueller, Resource Manager (604) 666-2370
Hi

We have seen that there has been a seine opening for Howe Sound recently. Given the recent sponge reef closures, we are concerned that the fishermen are aware of them, and the information was not included in the information on the opening. Would it be possible to create a no fishing box boundary as an extra measure to protect the sponge reefs and inform the fishermen of the new status?

We also have some serious concerns that the RCAs in Area 28 that are now subject to the threat of fishing once again. These fragile areas continue to be under threat with scant protections and vulnerability given the RCA regulations. Would it be possible to send us the rational for this opening?

Regards,
Pages 128 to / à 131
are withheld pursuant to sections
sont retenues en vertu des articles
20(1)(b), 19(1)
of the Access to Information Act
de la Loi sur l’accès à l’information
Mueller, Barbara

From: Mueller, Barbara  
Sent: 2015-August-12 8:49 AM  
To: Sneddon, Debra; Hawkshaw, Mike  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Looks ok to me

From: Sneddon, Debra  
Sent: 2015-August-12 8:43 AM  
To: Mueller, Barbara; Hawkshaw, Mike  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Please review now.

From: Mueller, Barbara  
Sent: August-12-15 8:02 AM  
To: Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike  
Cc: Grout, Jeff; Payne, Brigid  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Can we schedule a call to confirm next steps? Who should contact Chris to discuss?

From: Sneddon, Debra  
Sent: 2015-August-12 7:59 AM  
To: Mueller, Barbara; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike  
Cc: Grout, Jeff; Payne, Brigid  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

So not only was a third vessel participating, the vessel maximum of 25K was well exceeded.

From: Mueller, Barbara  
Sent: August-12-15 7:57 AM  
To: Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike  
Cc: Grout, Jeff; Payne, Brigid  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

s.21(1)(b)  
s.21(1)(c)

From: Mueller, Barbara  
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Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary
The notice on who is hailed out today shows 3 vessels. Given two days of non-compliance with fishing plan and 3 boats hailed out today I think it’s time to call it a day.

Area B Seine is open (with effort limited to 2 vessels) in Area 28 on Monday through Saturday, targeting Pink. There are 3 vessels hailed-out for today (Wednesday).

Please note that I’m waiting to receive yesterday’s observer logs from JOT to update the file.

Hi All:

Please find attached Catch Encounter Data summary to date for Area B Seine for Howe Sound Pink Fishery – file will be updated daily & saved to RM drive at following location:
F:\Squamish Watershed\2015 Pink Fisheries Planning\CATCH SUMMARY

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
c.: 
Email: barbara.mueller@dfo-mpo.gc.ca
First files they sent were corrupt but they confirmed that they will re-send new ones here shortly

Just need to develop a table of conditions we agreed to and the action they took then will review again with Jennifer. She is supportive of closure but we need the JOT report from yesterday. When will you get that?

Can we schedule a call to confirm next steps? Who should contact Chris to discuss?

So not only was a third vessel participating, the vessel maximum of 25K was well exceeded.
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Sent: 2015–August-12 7:46 AM  
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Cc: Grout, Jeff; Payne, Brigid  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary  

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From: Mueller, Barbara  
Sent: August-12-15 7:41 AM  
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike; Sneddon, Debra  
Cc: Grout, Jeff; Payne, Brigid  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary  

Please note that I'm waiting to receive yesterday's observer logs from JOT to update the file.

From: Mueller, Barbara  
Sent: 2015–August-11 10:55 AM  
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike; Sneddon, Debra  
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Resource Manager, Lower Fraser Area  
Tel.: 604.666.2370  
Fax: 604.666.7112  
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Waiting for Jennifer to come in. Will let you know her thoughts.

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Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
From: Sneddon, Debra  
Sent: 2015–August-12 7:42 AM  
To: Mueller, Barbara  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Looks like it

From: Mueller, Barbara  
Sent: 2015–August-12 7:43 AM  
To: Sneddon, Debra  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Guessing that was at the mouth?

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Mueller, Barbara  
Sent: Wednesday, August 12, 2015 7:41 AM  
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike; Sneddon, Debra  
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Barbara Mueller  
Fisheries and Oceans Canada  
Resource Manager, Lower Fraser Area  
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Fax: 604.666.7112  
Email: barbara.mueller@dfo-mpo.gc.ca
Further to this, when I spoke with Chris earlier this afternoon I also asked him if these boats were fishing in Mid/Outer zones/Subareas as agreed upon and he suggested that he thought they may both be in and around Upper zone (28-5). I asked him if he had clearly identified to participants the planned approach to fish in other zones (i.e.: incl. Lower/Mid. Sub-Areas) and he confirmed that he had. It appears that may be a requirement to provide additional direction to Area B on implementing the fishing plan/pattern we want them to follow – JOT Observer reports will of course confirm the location(s) of any sets made today.

Here is the most recent report/update on the progress of this Fishery:

- Both Vessels out on fishing grounds (Shani Lynne#2 and Semidi)
- Not a lot of fish abundance observed to this point but expect that fish may start to show up with EBB tide
- Semidi ran aground and expected to get going again here shortly as tide comes in
- Arrangements in place for JOT Observers to provide their data/reports to me electronically today at end of the fishing period

Additional updates will be provided as they become available.

Hi All:

FYI, attached is a list of the first 6 Area B boats scheduled to fish this coming week.

Note that so far this morning one vessel has hailed out to the fishery:

<table>
<thead>
<tr>
<th>VRN</th>
<th>VESSEL NAME</th>
<th>TRIP START DATE</th>
<th>INITIAL AREA</th>
<th>VESSEL MASTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>20817</td>
<td>SHANI LYNNE #2</td>
<td>10/AUG/2015</td>
<td>28</td>
<td></td>
</tr>
</tbody>
</table>

I'll provide additional details/updates as they become available.
Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
As previously outlined, please note some additional incoming correspondence has been saved to this location.

Thx., B.

Further to this, we’ve received some feedback in response to this letter and announcement of the fishery on Friday - note that these & any other incoming correspondence on this file will be saved to RM drive at the following link:
F:\Squamish Watershed\2015 Pink Fisheries Planning\Correspondence_Incoming

Hi All,

Please note that the attached Squamish Pink Area B SN letter is ready for distribution.

Also, this is saved to RM drive at the following location: F:\Squamish Watershed\2015 Pink Fisheries Planning\Letter_Squamish Pink 07Aug2015.pdf
Hi

That's why I have requested we still have a call or meeting with LFR Manager. Many questions remain unanswered?

Dave
Great! But why the sudden closure?

Best regards,

On Aug 12, 2015, at 5:00 PM, Dave Brown wrote:

Hi

You may have already seen this, but the Pink Commercial fishery has been closed. I have still asked for a call or meeting with Lower Fraser Manager on the opening of the fishery in the first place and our unanswered questions.

See notice below:

Linda Stevens
Resource Manager | Gestionnaire de ressources
Fisheries and Oceans Canada | Peches et Oceans Canada
Telephone | Telephone 250-305-4004
Telephone effective Nov. 17, 2014: (250) 267-4066

Category(s):
COMMERCIAL - Salmon: Seine

Fishery Notice - Fisheries and Oceans Canada
Subject: FN0844-COMMERCIAL - Salmon: Seine - Pink - Area B - Area 28 - Howe Sound - Limited Participation - Immediate Closure

Further to FN0825, effective immediately, the limited Participation Area B seine pink fishery in Howe Sound is closed until further notice.

The following Variation Orders are revoked: 2015-STN-SN-003, 2015-STN-SN-004, 2015-STN-SN-005, 2015-STN-SN-006

FOR MORE INFORMATION:

Barbara Mueller, Resource Manager (604) 666-2370

Fisheries and Oceans Canada Operations Center - FN0844
Sent August 12, 2015 at 13:04
Visit us on the Web at http://www.pac.dfo-mpo.gc.ca

If you would like to unsubscribe, please submit your request at: http://www-ops2.pac.dfo-mpo.gc.ca/fns-sap/index-eng.cfm?pg=manage_subscription

If you have any questions, please contact us via e-mail to: OpsCentre@pac.dfo-mpo.gc.ca

Cheers,

Dave

s.19(1)
Hi Barbara,

The fishery is now in its third day and we have not had any responses to our concerns.

I have a few additional questions:
1. Was there any enforcement and/or observers on the vessels starting Monday? If there were what were they observing or monitoring?
2. This is the third day and the vessels seem to have stopped fishing. Was there an issue? Did they catch their quota and if so what was that quota.

Please respond in a timely manner as this whole run depends on it.

Best regards,

Tight lines,
Hello Barbara,

As you know our Squamish to Lilooet SFAC has expressed concerns about a commercial Pink opening without sustainable returns of Pink Salmon to spawning grounds. From all observations by our SFAC committee members this isn’t the case. Also concerns were expressed about by-catch of Squamish River Chinook. In speaking with Scott Melville at Tenderfoot Hatchery they still don’t have all of their Chinook brood captured yet. In the spirit of openness and transparency some clarification regarding the pink opening is needed.....

Firstly, How many fish (maximum) have been allocated for this fishery and what % of the run is this? How were these numbers determined?

Secondly, Given the river numbers (so far) are far less than last cycle.....What factors were used in determining that this pink run could sustain an additional fishery to the one already planned for late Aug. that took nearly 300,000 fish last cycle.....

Given low flow and high temps most of the river run will likely spawn in the main river and will be highly vulnerable to flood events.

Thirdly, What safety measures are in place to protect this pink run from over harvest? The last time this run was overharvested 1960’s, it resulted in a wipeout of the run.

I look forward to a prompt response to this given the fishery is already under way.

Thanks,

Dave
From: Mueller, Barbara [mailto:Barbara.Mueller@dfo-mpo.gc.ca]
Sent: August 7, 2015 1:25 PM
To: Bell-Irving, Rob <Rob.Bell-Irving@dfo-mpo.gc.ca>; Campbell, Peter <Peter.Campbell@dfo-mpo.gc.ca>; Foy, Matthew <Matthew.Foy@dfo-mpo.gc.ca>; Harris, Rob <Rob.Harris@dfo-mpo.gc.ca>; Loop, Dave <Dave.Loop@dfo-mpo.gc.ca>; Sneddon, Debra 600147
Good Afternoon,

As a follow-up to this earlier correspondence, please find attached a letter outlining some additional details regarding this fishery.

Regards,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370

Fax: 604.666.7112

Email: barbara.mueller@dfo-mpo.gc.ca
Good Morning,

Please find attached a letter outlining Squamish Pink Salmon Mgmt. considerations for the upcoming 2015 fishing season.


Regards,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
Pages 150 to / à 155
are duplicates of
sont des duplicatas des
pages 209 to / à 214
RECORD OF MEETING

Date: August 12, 2015

Location: Conference Call

Purpose of Meeting: SFAB Sockeye/Pink/Chum Working Group - To discuss Fraser River In-season Information to August 11, 2015.

Attendees:
- DFO – Linda Stevens, Ann Marie Huang
- SFAB - Gerry Kristiansen, Ed George, Frank Kwak, Sandy MacDonald, John Wright, Dave Brown (end of call).

Materials Distributed (list):
- Fraser Panel information from August 12th, 2015.
- AMH update from Fraser Panel call.

Key Issues Discussed:

Update from August 12 2015 FRP Meeting – Ann Marie Huang (ref to Aug. 11 – distribution)

- The distribution from the Fraser Panel meeting on August 12th was circulated via email.
- Purse seine CPUE is low compared to the cycle line average.
- The last day for marine gill net test fisheries is this Thursday as the data is no longer being used for in-season assessment.
- 5 day diversion rate is about 63% through Johnstone Straits. Pre-season forecast was for 95% diversion but this would be for the entire year and later timed fish tend to divert more through JS.
- Very few pinks in the river at this time, pinks in the marine areas are mostly from non-Fraser systems.
- When looking at Stock ID in distribution, you can see that very few late run sockeye are showing in the test fisheries. Harrison percentage is also low when compared to the forecast as is Quesnel.
- Temperature is now much closer to the historical average at Qualark, but we have been above historical average for the entire season to date. Discharge is about 31% lower than average. Temperatures are highly dependent on local events when the flow is very low making it difficult to forecast water temperatures.
- Early summer run size decreased to 350k at yesterday’s meeting with an Area 20 timing of July 29th. No change to the management adjustment (remains at 1).
- Summer run size decreased to the P10 or 1.701M, no word yet on timing and/or management adjustment. There is a possibility that this could be further downgraded on August 14th. At this level there is no TAC and we are in an LAER management scenario.
- Forecast for timing of Fraser Pinks is August 29th in Area 20 with a diversion of 55%. This is based on ocean temperatures and currents and other oceanographic information.
- Next Fraser Panel meeting is on Friday.

Fishery management measures

- No US fisheries were planned, believe that all end today.
- FSC fisheries in Canada are commencing to close in an orderly fashion.

Discussion:

- Cultus fence is in and is fish tight at this time. Not sure what the temperature is in the system at this time. Concern is that water levels are quite low.
- Columbia sockeye – still not moving into Canada at this time, water temperature is quite high (29C today).
- For run size information we need to see about 50% of the run before we can make an estimate.
- At this point there is a remote possibility that the summer run sockeye are late but the probability is slim.
- For Chilko have seen about 300K fish past Mission (p50 run size ~2.4M). For Quesnel have seen about 11K through Mission (p50 run size ~370k). Pre-season expected 50% date in A20 for Chilko 09-Aug (based on historical).
- There was discussion on the method of fishing used in the Lower Fraser. At this time effort is down somewhat from usual for Chinook fisheries (about 75%). A significant number of anglers are using flossing as a means to catch their chinook. There is no allowable TAC for sockeye salmon at this time which puts DFO in a situation very similar to the ones that occurred in 2007, 2009 and 2013. DFO will continue to monitor the situation and if it is deemed that the impact on sockeye salmon during chinook directed fisheries is too great, closures to salmon fishing could take place in certain times and areas.
- More information on Howe Sound fisheries is requested.
- Question re: Fraser Chum run size forecast?
  a. post-meeting answer: no pre-season numerical forecast. Salmon Outlook was for a good expectation – Category 3
- Action Point: A manager from LFA will contact Dave Brown and John Wright to provide a Howe Sound update.
- Action Point: Manager from LFA to let now if there is any chinook open on the Mamquam and Squamish Rivers.

- adjourned -
June 17, 2015

Dear Squamish Nation Chiefs, Councilors and Fisheries Representatives
Squamish to Lil’loopet Sport Fish Advisory Committee
Squamish Watershed Society

RE: Howe Sound Area B Pink Seine Fishery Planning - 2015 Update

Canadian South Coast pink salmon stocks, including Squamish pinks, return on a two-year cycle and almost entirely in odd calendar years. The Department would like to provide you with an update on Squamish pink salmon fisheries planning for the upcoming 2015 season.

A broad variety of interests have contributed to the recovery of pink salmon in the Squamish watershed. Fish culture and habitat restoration programs delivered by DFO over the past three decades, in partnership with First Nation, provincial and local government, corporate (BC Hydro, CN Rail) and a number of conservation organizations (North Vancouver Outdoor School, Squamish River Watershed Society, Pacific Salmon Foundation, Squamish Streamkeepers, Seymour Salmonid Society) and many other individuals and groups, have had a direct effect on pink salmon recovery.

In response to significant abundances in the Squamish watershed in 2013, an Area B seine limited participation pink salmon demonstration fishery took place in Howe Sound (Area 28), from August 22nd to August 24th, 2013. Approximately 282,000 pink salmon were harvested over this three day period; by-catch was minimal and a mandatory non-retention of all other species was in effect.

Information from the 2013 pink salmon BC Hydro Cheakamus fry outmigration surveys suggest there may be similar pink salmon returns in 2015. In planning for the upcoming 2015 salmon season, the Department is considering a limited participation demonstration fishery for pink salmon harvest by the Area B seine fleet.
Similar to 2013, the Department will consider the following information to help inform management, planning, and decision-making this year:

- Cheakamus fry out-migration from 2014 (representing 2013 pink return);
- PSC test fisheries stock ID (J. Straits and Juan de Fuca) –to determine relative proportion/abundance of non-Fraser South Coast pink returns;
- Observational reports and indicators abundance within the Squamish watershed including the Squamish Nation food, social and ceremonial fishery harvests.

Additionally, the Department is exploring proposed experimental fishery options within this demonstration fishery to allow for precautionary and controlled commercial access; the purpose of this is to provide additional in-season information on Squamish pink salmon returns and help support future management processes.

More detailed information will become available as fishing plans are developed. Should you wish to provide further information to assist in informing decision-making, please provide this in writing to barbara.mueller@dfo-mpo.gc.ca by July 8th, 2015.

Sincerely,

Barbara Mueller
Resource Manager,
Lower Fraser Area

cc: J. Nener, Area Director
    D. Sneddon, Program Coordinator
    B. Matts, Resource Manager
Pages 160 to / à 161
are withheld pursuant to section
sont retenues en vertu de l'article

20(1)(b)

of the Access to Information Act
de la Loi sur l’accès à l’information
Thanks — much appreciated — thanks — Rob

Crew member said they just couldn’t locate enough fish to justify the work of setting the nets. They said that maybe after the tide comes in maybe it would get better.

The crew had set their nets near Watts point, but came up with only a small load of Salmon. They claimed that the stocks were tight against the shoreline and it was too shallow to get the nets in there.

Quite different from the scene I witnessed during the 2013 fishery when the boats went home full to the decks in no time at all.

A link to some video of the fishery

https://www.youtube.com/watch?v=thnCm-opfNs

A video link to the state of the Squamish area creeks and rivers

https://www.youtube.com/watch?v=ul05qLNXZ-c
Just forwarding this e-mail detailing observations from [local environmental watch dog].

From: [From:]
Sent: 2015–August-12 7:52 AM
To: Tadey, Joe; Sneddon, Debra; Mueller, Barbara; Dave Brown
Cc: Bell-Irving, Rob
Subject: FW: Commercial Pink Fisheries in Howe Sound B C Aug 11,2015

s.19(1)
s.20(1)(c)

Crew member said they just couldn't locate enough fish to justify the work of setting the nets. They said that maybe after the tide comes in maybe it would get better.

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A link to some video of the fishery

https://www.youtube.com/watch?v=thnCm-opfNs

A video link to the state of the Squamish area creeks and rivers
https://www.youtube.com/watch?v=ul05qLNXZ-c
Draft letter not sent yet but will be soon.

Of course, I understand the sensitivities but need to understand the backstory to keep the brief and general lines accurate. Bits trickling in from Jeff, Brigid and Jennifer, so whenever you can call me...

We can talk about this soon,

Hi Deb,

Doubling up on my voicemail, in case you get this first...

Can you please give me a quick call re today’s Howe Sound pink salmon closure? We had two media inquiries on that fishery in the last two days, and I need to update the lines in anticipation of any further inquiries.

Jeff suggested I get the details from you.

Thanks,

Jonathan
Dear Chris:

Subject: Howe Sound Pink Salmon Fishery

As we discussed this morning the order to close the exploratory fishery in Howe Sound has been completed and the Fishery Notice released. We trust that the vessels have been informed and have left the fishing grounds.

During our discussion this morning we talked about clarity in the rules should we consider this fishery again so in the interests of this following is DFO understanding of the parameters and a summary of what has occurred to date.

As you know we are limited in terms of information for Howe Sound pinks: no forecast, no in-season abundance estimate, no spawning escapement goal. The parameters of the fishery were agreed to understanding these limitations and our desire to gain additional information to support future fisheries. This fishery was also designed to gather information on the timing and distribution of Squamish pinks. To accomplish this, the agreed to specific parameters of this fishery were: fishing in a spatially distributed fashion, only two vessels at one time, and a maximum catch per vessel per fishing period.

Spatial Distribution - The observer reports from the first three days of the fishery had both vessels on days 1 & 2 fishing in Subarea 28-5 at the mouth of the Squamish and one of the vessels on day 3 fishing there as well.

Number of Vessels – on day 2, likely as a result of a large set by one of the participants, a third vessel participated in the fishery by taking on catch. Taking on catch is considered participation.

Maximum Catch – a maximum of 25K pieces per vessel. Over two days the M/V harvested over double the allowable amount.

s.19(1)
s.20(1)(b)
s.20(1)(c)
It is unfortunate that the fishing activity deviated from the agreed to plan and a closure was required. DFO will need assurances that the conditions we agreed to will be met prior to any further opportunities.

If you wish to discuss this matter further please call me at (604) 666-6509.

Sincerely,

Debra Sneddon
Program Coordinator
Lower Fraser Area

cc: Jennifer Nener
    Barbara Mueller
You might be interested in this. We are closing the fishery. Just working on the VO & FN.

Chris has been notified of the immediate closure, he will attempt to call the vessel masters. Barbara, can you please let JOT know as well. Suggest use noon for the VO to allow boats to leave the area. And as discussed get C and P to do patrol.

Sent from my BlackBerry 10 smartphone on the Rogers network.
From: Mueller, Barbara
Sent: 2015-August-12 9:05 AM
To: Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Just need to confirm if there are in fact 3 vessels out today – looks like it may be an FOS error

From: Sneddon, Debra
Sent: 2015-August-12 9:02 AM
To: Mueller, Barbara; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Following is a table that outlines the conditions of the fishery together with what has occurred so far. On this basis Barbara and I recommend closing the fishery immediately.

Barbara will prepare the VO & FN and Jennifer and I will call Chris.

<table>
<thead>
<tr>
<th>spatially distributed effort</th>
<th>one boat in 'outer', one in 'middle' and one in 'inner'</th>
<th>Day 1 both boats fished in 28-5 at the mouth of the river</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Day 2 both boats fished in 28-5 at the mouth of the river</td>
</tr>
<tr>
<td>limited vessels</td>
<td>maximum of 2 vessels</td>
<td>Day 3 there are three vessels hailed out in the fishery</td>
</tr>
<tr>
<td>vessel maximum catch</td>
<td>limited to 25K per vessel per fishing period</td>
<td></td>
</tr>
</tbody>
</table>

s.19(1)

From: Mueller, Barbara
Sent: August-12-15 7:49 AM
To: Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
The notice on who is hailed out today shows 3 vessels. Given two days of non-compliance with fishing plan and 3 boats hailed out today I think it’s time to call it a day.

Area B Seine is open (with effort limited to 2 vessels) in Area 28 on Monday through Saturday, targeting Pink. There are 3 vessels hailed-out for today (Wednesday).

Please note that I’m waiting to receive yesterday’s observer logs from JOT to update the file.

Hi All:

Please find attached Catch Encounter Data summary to date for Area B Seine for Howe Sound Pink Fishery – file will be updated daily & saved to RM drive at following location:

F:\Squamish Watershed\2015 Pink Fisheries Planning\CATCH SUMMARY

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
Hi Chris, thought it best to put our discussion from this morning in writing. Note that we are fielding calls from Area B fishermen that we will be directing to you.

Debra Sneddon
Program Coordinator, Lower Fraser Area
604-666-6509
Dear Chris:

Subject: Howe Sound Pink Salmon Fishery

As we discussed this morning, the exploratory Area B pink fishery in Howe Sound is closed. This closure was announced via a fishery notice that was released at 1:06 pm today (FN0844). We trust that the vessels have been informed and have left the fishing grounds.

During our discussion this morning we discussed the importance of clarity in the management requirements should this fishery proceed in the future. The purpose of this letter is to outline DFO’s understanding of the agreed upon management requirements and to provide a summary of what occurred leading up to the closure.

As you know there is limited information for Howe Sound pink salmon. For this stock, the Department has no means of forecasting returns, no in-season abundance estimate and no spawning escapement goal. The fishery was planned with the objectives of a) remaining flexible to fishing opportunities and b) trying to address the lack of information specifically with regard to the timing and distribution of Squamish pinks. The pre-season agreed to specific parameters of this fishery were: a) fishing in a spatially distributed fashion, b) only two vessels fishing at any one time, and c) a maximum catch per vessel per fishing period of 25,000 pieces.

At this time, the observer reports from the first three days of the fishery had both vessels on days 1 and 2 fishing in Subarea 28-5 at the mouth of the Squamish River and one of the vessels on day 3 fishing there as well. Participating vessels were required to fish on a rotational basis in designated fishing zones in Howe Sound (Zone 1 – outer; Zone 2 – middle; Zone 3 – inner). This does not meet the agreed upon requirement for spatial distribution.
On day 2, likely as a result of a large set by one of the participants, a third vessel participated in the fishery by taking on catch. Taking on catch is considered participation and so the limit on vessel participation was exceeded.

Over two days the M/V ______________ harvested over double the allowable amount ______________. The agreed upon limit to catch was exceeded.

It is unfortunate that the fishing activity deviated from the agreed to plan and a closure was required. DFO will need assurances that the conditions we agreed to will be met prior to consideration of any further opportunities.

If you wish to discuss this matter further please call me at (604) 666-6509.

Sincerely,

[Signature]

Debra Sneddon
Program Coordinator
Lower Fraser Area

cc: Jennifer Nener
    Barbara Mueller
Aug 12  Area B Howe Sound

Avb, Jennifer

Steveston C & P dealing w/muddy waters

notify:  J.O.T.
- fishers
- Chris Ashton

Observer reports vessels fishing at mouth right now

Chris Ashton

- having some issues, sort out our path forward

1. Only 2 vessels
2. Not fishing as per plan  inner/outer/mid

- Don’t want to be dumping fish.
- I can see your point.
- Chris talked to vessel masters and said they understood the rules
- dealing with different personalities that may not understand

In - need to make a decision, we are going to stop the fishery at this time. We need to make sure people understand the rules before
continuing.

I.N. - precautionary
- experiments/
- more clear articulated rules if taken
place again
Sneddon, Debra

From: Mueller, Barbara
Sent: August-12-15 10:03 AM
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike; Sneddon, Debra
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-Area B Pink Fishery: Catch Enc. Data Summary: UPDATE <to 12-Aug>
Attachments: Area B Pink - Area 28 Catch Summary -Aug2015.xls

FYI – updated catch data file is attached.

From: Mueller, Barbara
Sent: 2015-August-12 7:41 AM
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike; Sneddon, Debra
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-Area B Pink Fishery: Catch Enc. Data Summary

Please note that I’m waiting to receive yesterday’s observer logs from JOT to update the file.

From: Mueller, Barbara
Sent: 2015-August-11 10:55 AM
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike; Sneddon, Debra
Cc: Grout, Jeff; Payne, Brigid
Subject: Howe Sound-Area B Pink Fishery: Catch Enc. Data Summary

Hi All:

Please find attached Catch Encounter Data summary to date for Area B Seine for Howe Sound Pink Fishery – file will be updated daily & saved to RM drive at following location:
F:\Squamish Watershed\2015 Pink Fisheries Planning\CATCH SUMMARY

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
<table>
<thead>
<tr>
<th>Vessel Information</th>
<th>Vessel</th>
<th>VRN</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Depth (Fathoms)</th>
<th>PIFMA Stats</th>
<th>Area Type</th>
<th>Type of Set</th>
<th>Set</th>
<th>Time Set Start</th>
<th>Time Set Ends</th>
<th>Time Brail Start</th>
<th>Time Brail Ends</th>
<th># Pink Released</th>
<th># Brail Released</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trip ID # FOS</td>
<td>Date</td>
<td>Observer Name</td>
<td>Vessel</td>
<td>20817</td>
<td>Squamish Term.</td>
<td>2B-5</td>
<td>Open</td>
<td>3</td>
<td>0930 0950 1005</td>
<td>0930 1005</td>
<td>0930 1005</td>
<td>0 0 0 0 0 0 0 0</td>
<td>Note: GREEN font indicates Pink kept is an estimate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10/08/2015</td>
<td>10/08/2015</td>
<td>Shari Lynn #2</td>
<td>Squamish Term.</td>
<td>20817</td>
<td>Squamish Term.</td>
<td>2B-5</td>
<td>Open</td>
<td>2</td>
<td>1130 1150 1220</td>
<td>1140 1210</td>
<td>1130 1220</td>
<td>0 0 0 0 0 0 0 0</td>
<td>Note: RED font indicates Pink kept is an estimate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>10/08/2015</td>
<td>Semidi</td>
<td>Squamish Harbour</td>
<td>2B-5</td>
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<td>2B-5</td>
<td>Open</td>
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<td>1320 1400 1465</td>
<td>1430 1490</td>
<td>1320 1400</td>
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</tr>
<tr>
<td>10/08/2015</td>
<td>10/08/2015</td>
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<td>Squamish Harbour</td>
<td>2B-5</td>
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<td>1530 1630 1690</td>
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<tr>
<td>10/08/2015</td>
<td>10/08/2015</td>
<td>Semidi</td>
<td>Squamish Harbour</td>
<td>2B-5</td>
<td>Squamish Harbour</td>
<td>2B-5</td>
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<td>3</td>
<td>1800 1905 2000</td>
<td>1900 2000</td>
<td>1800 1905</td>
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<tr>
<td>10/08/2015</td>
<td>10/08/2015</td>
<td>Shari Lynn #2</td>
<td>Squamish Term.</td>
<td>20817</td>
<td>Shannon Creek</td>
<td>2B-5</td>
<td>Open</td>
<td>1</td>
<td>0645 0745 0845</td>
<td>0745 0845</td>
<td>0645 0745</td>
<td>0 0 0 0 0 0 0 0</td>
<td>All (NAFO) released in Cond. 1</td>
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<td>Watts Point</td>
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<td>1020 1110 1120</td>
<td>1110 1120</td>
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<td>11/08/2015</td>
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<td>Squamish Term.</td>
<td>20817</td>
<td>Squamish Term.</td>
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<td>1350 1505 1510</td>
<td>1505 1510</td>
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<td>11/08/2015</td>
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<td>20817</td>
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<td>1545 1620 1640</td>
<td>1630 1640</td>
<td>1545 1620</td>
<td>0 0 0 0 0 0 0 0</td>
<td>CN released in Cond. 1</td>
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<td></td>
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<tr>
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<td>11/08/2015</td>
<td>Shari Lynn #2</td>
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<td>20817</td>
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<td>1750 1800 1900</td>
<td>1800 1900</td>
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<td>3</td>
<td>1445 1500 1545</td>
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<td>1705 1745 1825</td>
<td>1745 1825</td>
<td>1705 1745</td>
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<td></td>
<td></td>
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</tr>
</tbody>
</table>

Note: Green font indicates Pink kept is an estimate.
Sneddon, Debra

From: Mueller, Barbara  
Sent: August-12-15 10:42 AM  
To: Sneddon, Debra; Nener, Jennifer  
Subject: Closure of Howe Sound ARea B Pink

- Just got word back from C&P and Steveston will revoke VO’s – effective 12:00h noon today (as soon as we can confirm)
- Once we confirm, I’ll touch base again with C&P on the grounds and get them to patrol area and enforce the closure
- As discussed, helpful if Chris contact with skippers to let them know.

---

From: Sneddon, Debra  
Sent: August-12-15 9:21 AM  
To: Mueller, Barbara  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Jennifer has been stuck on the phone for the last half hour.

---

From: Mueller, Barbara  
Sent: August-12-15 9:20 AM  
To: Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike  
Cc: Grout, Jeff; Payne, Brigid  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

C&P has confirmed that they can have a patrol boat water by 12:00h noon today.

---

From: Sneddon, Debra  
Sent: 2015–August-12 9:02 AM  
To: Mueller, Barbara; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike  
Cc: Grout, Jeff; Payne, Brigid  
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Following is a table that outlines the conditions of the fishery together with what has occurred so far. On this basis Barbara and I recommend closing the fishery immediately.

Barbara will prepare the VO & FN and Jennifer and I will call Chris.

<table>
<thead>
<tr>
<th>Spatially Distributed Effort</th>
<th>Limited Vessels</th>
</tr>
</thead>
<tbody>
<tr>
<td>One boat in 'outer', one in 'middle' and one in 'inner'</td>
<td>Maximum of 2 vessels</td>
</tr>
</tbody>
</table>

| Day 1 Both boats fished in 28-5 at the mouth of the river |
| Day 2 Both boats fished in 28-5 at the mouth of the river |
| Day 3 There are three vessels hailed out in the fishery |

---

s.19(1)  
s.20(1)(c)
The notice on who is hailed out today shows 3 vessels. Given two days of non-compliance with fishing plan and 3 boats hailed out today I think it's time to call it a day.

Area B Seine is open (with effort limited to 2 vessels) in Area 28 on Monday through Saturday, targeting Pink. There are 3 vessels hailed-out for today (Wednesday).

Please note that I'm waiting to receive yesterday's observer logs from JOT to update the file.

Hi All:

Please find attached Catch Encounter Data summary to date for Area B Seine for Howe Sound Pink Fishery – file will be updated daily & saved to RM drive at following location:

F:\Squamish Watershed\2015 Pink Fisheries Planning\CATCH SUMMARY

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Deb – here is a draft. I haven’t done one of these before and not sure on the level of detail we need to get into regarding the why.
Any thoughts?
B.
Page 183
is a duplicate of
est un duplicata de la
page 125
Page 184 is a duplicate of est un duplicata de la page 126
Approved media lines for Squamish pink fishery. Additional notes coming tomorrow.

As requested, and as delivered to two media outlets yesterday:

The fishery was opened based on information indicating that a strong return of pink salmon to the Squamish River could be expected this year.

Planning for this fishery was informed by a small-scale exploratory commercial seine fishery conducted in 2013, as well as 2013 escapement and 2014 out-migrant information.

Prior to this opening, DFO shared information regarding this planned fishery with First Nations and other interested parties.

This limited pink salmon fishing opportunity in Howe Sound is being fully monitored by independent, on-board observers. Any fish species caught other than pink salmon will be released.

This fishery does not contravene any existing closures in Howe Sound, including those around glass sponge reefs.

Information from this fishery will support the future management of this pink salmon population.
Hi Peter —

As discussed earlier, please revoke VO’s for this fishery, effective 12:00h noon today.
2015-STN-SN-003
2015-STN-SN-004
2015-STN-SN-005
2015-STN-SN-006

Thanks for your help
Barbara

From: opscentre@pac.dfo-mpo.gc.ca [mailto:opscentre@pac.dfo-mpo.gc.ca]
Sent: 2015-August-07 3:48 PM
To: Mueller, Barbara

Category(s):
COMMERCIAL · Salmon: Seine

Fishery Notice - Fisheries and Oceans Canada


A limited opportunity fishery for two seine vessels will occur from 06:00 hours to 21:00 hours daily from August 10 to August 15 in Subareas 28-1, 28-2, 28-3, 28-4 and 28-5. Minimum bunt mesh size of 70 mm. All catch must be sorted and brailed. The use of power skiffs is approved.

The target species in this fishery is pink salmon and there is a non-retention in effect on all other salmon species. No other salmon species may be aboard a vessel that is engaged in fishing unless they are being revived in the revival tank immediately prior to release.

Arrangements to participate in this fishery must be co-ordinated with the Area B Seine Harvest Committee. Area B vessel masters and vessels must have a valid 2015 Area B Seine Licence and also be designated by their representative Working Group body and subsequently by the Area B Harvest Committee to participate in this fishery. This fishery will not proceed should undesignated seine vessels attend or attempt to participate in this fishery.

The fishery is limited by the number of vessels permitted to participate as well as a weekly per vessel maximum allocation. Participating vessels must
have independent observers on board and fish within pre-identified management zones in lower, mid and upper portions of Howe Sound.

Information from this limited opportunity fishery, including by-catch impacts, will be monitored, assessed, and evaluated on an on-going basis throughout the fishery.

This limited and controlled opportunity is designed to assess the ability to harvest pink salmon by seine and gather information to help inform future management. Data will be gathered through a controlled fishery designed to provide an assessment of spatial distribution and run timing pattern in the approach areas of Howe Sound.

The next update will be provided on Friday, August 14.


NOTE:

1. Seine vessel masters are reminded that operating revival tanks and brailing are mandatory as condition of their licence and are legal requirements. Harvesters are required to release all non-possession/non-retention species to the water with the least possible harm. Operating revival boxes are mandatory and may be used to revive fish prior to release.

2. The mandatory logbook and phone-in program will be in effect. Vessel masters are reminded to provide start and end fishing reports to the service provider by phoning Archipelago Marine Research Limited at 1-888-387-0007. Vessel masters are also reminded that within 48 hours of stopping fishing to offload catch or within two (2) hours of completing offloading catch, whichever comes first, to provide to the service provider the weight by species (in pounds) of fish offloaded. Note that a phone report is required for all fishing activity even if no fish are caught. Failure to report zero catches may result in the over estimation of total catch.

3. Fishers are reminded it is an offence under Section 7 of the Marine Mammals Regulations to disturb marine mammals. Fishers are advised to follow the Be Whale Wise: Marine Wildlife Guidelines for Boaters, Paddlers and Viewers (BW) which are available from local Fisheries Offices or on-line at http://www.pac.dfo-mpo.gc.ca/fm-gp/species-espaces/mammals-mammiferes/view-observer-eng.htm to avoid disturbing local killer whales and other marine mammals.

4. Fishers are requested to avoid fishing among birds and not to run the net if birds are near the net. Fishers are requested to retain all dead birds which are entangled and to release live and unharmed birds by placing them in the water. Please check all birds for metal bird bands (rings) on the leg. If a bird is banded please contact Laurie Wilson with the band number and capture date and location at 1-866-431-2473 (BIRD) or by the email below. Handle birds with gloves, double bag dead birds and label each bird with date, time, and location and store them on ice. Please call your local charter patrol to organize pick-up or drop them off at a local DFO office. Alternatively, please send photographs of birds with a reference object such as a coin, and the date, time and location to laurie.wilson@ec.gc.ca. Your names and vessel names do not need to be identified or included.

5. Fisheries and Oceans Canada is interested in reports of sea turtles in BC waters. By documenting sightings we are able to learn more about how, when and where these turtles are using our waters. If you see a sea turtle, please call this toll-free phone number: 1-866-I SAW ONE (1-866-472-9663). Please include
information such as the type of sea turtle seen (i.e. leatherback), the location, and time of sighting.

FOR MORE INFORMATION:

Barbara Mueller, Resource Manager (604) 666-2370

Fisheries and Oceans Canada Operations Center - FN0825
Sent August 7, 2015 at 15:46
Visit us on the Web at http://www.pac.dfo-mpo.gc.ca

If you would like to unsubscribe, please submit your request at: http://www.ops2.pac.dfo-mpo.gc.ca/fns-sap/index-eng.cfm?pg=manage_subscription

If you have any questions, please contact us via e-mail to: OpsCentre@pac.dfo-mpo.gc.ca
Subject: FN0844-COMMERCIAL - Salmon: Seine - Pink - Area B - Area 28 - Howe Sound - Limited Participation - Immediate Closure

Further to FN0825, effective immediately, the limited participation Area B seine pink fishery in Howe Sound is closed until further notice.

The following Variation Orders are revoked: 2015-STN-SN-003, 2015-STN-SN-004, 2015-STN-SN-005, 2015-STN-SN-006

FOR MORE INFORMATION:
Barbara Mueller, Resource Manager (604)666-2370

Fisheries and Oceans Canada Operations Center - FN0844
Sent August 12, 2015 at 13:04
Visit us on the Web at http://www.pac.dfo-mpo.gc.ca

If you would like to unsubscribe, please submit your request at: http://www.ops2.pac.dfo-mpo.gc.ca/fns-sap/index-eng.cfm?pg=manage_subscription

If you have any questions, please contact us via e-mail to: OpsCentre@pac.dfo-mpo.gc.ca
Mueller, Barbara

From: Mueller, Barbara
Sent: 2015-August-13 10:25 AM
To: Payne, Brigid; Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff
Subject: RE: Howe Sound-Area B Pink Fishery: Catch Enc. Data Summary

Just working on finishing it as we speak – and note that it’s final catch based on observer estimates.

B.

From: Payne, Brigid
Sent: 2015-August-13 10:21 AM
To: Mueller, Barbara; Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff
Subject: RE: Howe Sound-Area B Pink Fishery: Catch Enc. Data Summary

Do we have a final catch report?

B

From: Mueller, Barbara
Sent: August 12, 2015 10:48 AM
To: Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-Area B Pink Fishery: Catch Enc. Data Summary

ok Thx.

From: Sneddon, Debra
Sent: 2015-August-12 10:44 AM
To: Mueller, Barbara; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: Re: Howe Sound-Area B Pink Fishery: Catch Enc. Data Summary

Chris has been notified of the immediate closure, he will attempt to call the vessel masters. Barbara, can you please let JOT know as well. Suggest use noon for the VO to allow boats to leave the area. And as discussed get C and P to do patrol.

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Mueller, Barbara
Sent: Wednesday, August 12, 2015 10:34 AM
To: Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-Area B Pink Fishery: Catch Enc. Data Summary

Most recent info. from today indicates that Nita Maria is in 28-5 near Squamish Harbour and the Prosperity is in 28-2 and 28-4
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Note that 2 vessels hailed out today

<table>
<thead>
<tr>
<th>VRN</th>
<th>VESSEL NAME</th>
<th>TRIP START DATE</th>
<th>INITIAL AREA</th>
<th>VESSEL MASTER</th>
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<tbody>
<tr>
<td>20593</td>
<td>NITA MARIA</td>
<td>12/AUG/2015</td>
<td>28</td>
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<tr>
<td>20817</td>
<td>SHANI LYNNE #2</td>
<td>10/AUG/2015</td>
<td>28</td>
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</tr>
<tr>
<td>29610</td>
<td>PROSPERITY</td>
<td>12/AUG/2015</td>
<td>28</td>
<td></td>
</tr>
</tbody>
</table>

This is a system generated message; do not reply to this sender. If you have questions, please contact Bruce Patten at Bruce.Patten@dfo-mpo.gc.ca.

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Event ID: 441
Occurrence ID: 233056
Logged: Aug 12 2015 05:00:40
Server: pacctprodin

From: Mueller, Barbara
Sent: 2015-August-12 9:05 AM
To: Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Just need to confirm if there are in fact 3 vessels out today —looks like it may be an FOS error

From: Sneddon, Debra
Sent: 2015-August-12 9:02 AM
To: Mueller, Barbara; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-ARea B Pink Fishery: Catch Enc. Data Summary

Following is a table that outlines the conditions of the fishery together with what has occurred so far. On this basis Barbara and I recommend closing the fishery immediately.

Barbara will prepare the VO & FN and Jennifer and I will call Chris.

<table>
<thead>
<tr>
<th>Area B Howe Sound fishery - August 12 summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>spatially distributed effort one boat in 'outer', one in 'middle' and one in 'inner' Day 1 both boats fished in 28-5 at the mouth of the river</td>
</tr>
<tr>
<td>limited vessels maximum of 2 vessels Day 2 both boats fished in 28-5 at the mouth of the river</td>
</tr>
</tbody>
</table>
Day 3 there are three vessels hailed out in the fishery

<table>
<thead>
<tr>
<th>vessel maximum catch</th>
<th>limited to 25K per vessel per fishing period</th>
</tr>
</thead>
</table>

From: Mueller, Barbara
Sent: August-12-15 7:49 AM
To: Sneddon, Debra; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-AREA B Pink Fishery: catch Enc. Data Summary

The notice on who is hailed out today shows 3 vessels. Given two days of non-compliance with fishing plan and 3 boats hailed out today I think it’s time to call it a day.

Area B Seine is open (with effort limited to 2 vessels) in Area 28 on Monday through Saturday, targeting Pink. There are 3 vessels hailed-out for today (Wednesday).

From: Sneddon, Debra
Sent: 2015-August-12 7:46 AM
To: Mueller, Barbara; Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-AREA B Pink Fishery: catch Enc. Data Summary

Please note that I’m waiting to receive yesterday’s observer logs from JOT to update the file.

From: Mueller, Barbara
Sent: August-12-15 7:41 AM
To: Nener, Jennifer; Jantz, Lester; Hawkshaw, Mike; Sneddon, Debra
Cc: Grout, Jeff; Payne, Brigid
Subject: RE: Howe Sound-AREA B Pink Fishery: catch Enc. Data Summary

Please find attached Catch Encounter Data summary to date for Area B Seine for Howe Sound Pink Fishery – file will be updated daily & saved to RM drive at following location:
F:\Squamish Watershed\2015 Pink Fisheries Planning\CATCH SUMMARY

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112

c.

Email: barbara.mueller@dfo-mpo.gc.ca
From: Mueller, Barbara  
Sent: 2015–August-13 7:51 AM  
To: Loop, Dave  
Subject: RE: Howe Sound-AREA B Pink Fishery Closure  

10-4

From: Loop, Dave  
Sent: 2015–August-13 7:47 AM  
To: Mueller, Barbara  
Subject: Re: Howe Sound-AREA B Pink Fishery Closure

Didn’t get on a vessel.  

<table>
<thead>
<tr>
<th>VRN</th>
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<th>VESSELS MASTER</th>
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<td>20593</td>
<td>NITA MARIA</td>
<td>12/AUG/2015 28</td>
<td>28</td>
<td></td>
</tr>
</tbody>
</table>
This is a system generated message; do not reply to this sender. If you have questions, please contact Bruce Patten at Bruce.Patten@dfo-mpo.gc.ca.

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Event ID: 441
Occurrence ID: 233056
Logged: Aug 12 2015 05:00:40
Server: paccfprodin
Hi All:

Please find attached Catch Encounter Data summary to date for Area B Seine for Howe Sound Pink Fishery – *updated file saved to RM drive at following location:*

`F:\Squamish Watershed\2015 Pink Fisheries Planning\CATCH SUMMARY`

Note also that this catch report is based on observer estimate and validation reports are pending.

**Barbara Mueller**  
Fisheries and Oceans Canada  
Resource Manager, Lower Fraser Area  
Tel.: 604.666.2370  
Fax: 604.666.7112  
c.  
Email: barbara.mueller@dfo-mpo.gc.ca
### Vessel Information

| Trip ID # POS | Date       | Observer Name | Vessel | VRN | Location         | Latitude | Longitude | Depth (Fathoms) | Net Type | Type of Set | Open/Beach | Set | Time Set Start | Time Set Ends | Time Bral Start | Time Bral Ends | # Pinks # Brals | Pinks Kept | Chum Kept | Chum Rel | Sockeye Rel | Coho Rel | Chin Rel | Comments          |
|---------------|------------|---------------|--------|-----|------------------|----------|-----------|---------------|----------|------------|------------|-----|----------------|--------------|---------------|----------------|--------------|------------|----------|-----------|----------|---------|------------------|
| 232256        | 10/08/2013 | Shani Lynn #2 | 20617  |     | Squamish Term.   |          |           |               |          | Open       | 28-5       | 1   | 0908          | 1030         | 0950           | 1005           |              |            |          |           |          |         |                  |
| 232256        | 10/08/2013 | Shani Lynn #2 | 20817  |     | Squamish Term.   |          |           |               |          | Open       | 28-5       | 2   | 1136          | 1445         | 1225           | 1617           |              |            |          |           |          |         |                  |
| 10/08/2013    | Semidi     | 21228         |        |     | Squamish Harbour |          |           |               |          | Open       | 28-5       | 1   | 1320          | 1435         | 1405           | 1430           |              |            |          |           |          |         |                  |
| 10/08/2013    | Semidi     | 21228         |        |     | Squamish Harbour |          |           |               |          | Open       | 28-5       | 2   | 1335          | 1625         | 1605           | 1620           |              |            |          |           |          |         |                  |
| 10/08/2013    | Semidi     | 21228         |        |     | Squamish Harbour |          |           |               |          | Open       | 28-5       | 1   | 0646          | 0745         | 0750           | 0845           |              |            |          |           |          |         |                  |
| 11/08/2013    | Shani Lynn #2 | 20817  |        |     | Squamish Term.   |          |           |               |          | Open       | 28-5       | 3   | 1028          | 1186         | 1338           | 1330           |              |            |          |           |          |         |                  |
| 11/08/2013    | Shani Lynn #2 | 20817  |        |     | Squamish Term.   |          |           |               |          | Open       | 28-5       | 3   | 1305          | 1535         | 1505           | 1535           |              |            |          |           |          |         |                  |
| 11/08/2013    | Shani Lynn #2 | 20817  |        |     | Squamish Term.   |          |           |               |          | Open       | 28-5       | 4   | 1500          | 1700         | 1620           | 1640           |              |            |          |           |          |         |                  |
| 11/08/2013    | Shani Lynn #2 | 20817  |        |     | Squamish Term.   |          |           |               |          | Open       | 28-5       | 1   | 1751          | 1845         | 1930           | 1955           |              |            |          |           |          |         |                  |
| 11/08/2013    | Semidi     | 21228         |        |     | Squamish Harbour |          |           |               |          | Open       | 28-5       | 1   | 0615          | 0650         | 0650           | 0685           |              |            |          |           |          |         |                  |
| 11/08/2013    | Semidi     | 21228         |        |     | Squamish/ Harbor |          |           |               |          | Open       | 28-5       | 2   | 0845          | 1005         | 1095           | 1005           |              |            |          |           |          |         |                  |
| 11/08/2013    | Semidi     | 21228         |        |     | Squamish Harbour |          |           |               |          | Open       | 28-5       | 3   | 1445          | 1609         | 1500           | 1541           |              |            |          |           |          |         |                  |
| 11/08/2013    | Semidi     | 21228         |        |     | Squamish Harbour |          |           |               |          | Open       | 28-5       | 4   | 1615          | 1700         | 1655           | 1700           |              |            |          |           |          |         |                  |
| 11/08/2013    | Semidi     | 21228         |        |     | Squamish Harbour |          |           |               |          | Open       | 28-5       | 5   | 1799          | 1849         | 1845           | 1932           |              |            |          |           |          |         |                  |
| 11/08/2013    | Semidi     | 21228         |        |     | Squamish Harbour |          |           |               |          | Open       | 28-5       | 6   | 1840          | 2045         | 1815           | 1840           |              |            |          |           |          |         |                  |
| 12/08/2013    | Prosperity | 20650         |        |     | Furry Crk. Area  |          |           |               |          | Open       | 28-4       | 1   | 0704          | 0745         |                |                |              |            |          |           |          |         |                  |
| 12/08/2013    | Prosperity | 20660         |        |     | North of Fly Point|          |           |               |          | Open       | 28-4       | 2   | 0814          | 0900         |                |                |              |            |          |           |          |         |                  |
| 12/08/2013    | Prosperity | 20660         |        |     | South of Lions Bay|          |           |               |          | Open       | 28-2       | 3   | 0937          | 1015         |                |                |              |            |          |           |          |         |                  |
| 12/08/2013    | Nita Marie | 10953         |        |     | Squamish Harbour |          |           |               |          | Open       | 28-5       | 1   | 0705          | 0855         | 0750           | 0840           |              |            |          |           |          |         |                  |
| 12/08/2013    | Nita Marie | 10953         |        |     | Squamish Harbour |          |           |               |          | Beach      | 28-5       | 2   | 0905          | 1040         | 0837           | 1030           |              |            |          |           |          |         |                  |
| 12/08/2013    | Nita Marie | 10953         |        |     | Squamish Harbour |          |           |               |          | Open       | 28-5       | 3   | 1105          | 1205         | 1140           | 1155           |              |            |          |           |          |         |                  |
|              |            |               |        |     |                 |          |           |               |          |            |            |            |            |            |                |              |            |            |            |          |         |                  |

### Catch and Release Data

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Note: GREEN font indicates Pink kept is a court estimate. RED font indicates Pink kept is an estimate.
Aug 13  Area B  Hare Sound
   -Barb

Options
1. LLY similar to 2013
2. experimental design

1. want for reports of significant abundance, test fishing, observational reports.

2. initiate w/o this info, precautionary fishery design, lower impact regardless of abundance

LLY = limited boats/time

725-038
- post experimental window
- need info & time to design option like 2013

Chris Ashton / Chris Cue
Area B@telus.net

- rec'd letter. Your view of infractions is different from how a fishermen conducts business. Fishery may need further clarification on conduct.
  - Chris emailed Jennifer, talked about herring fishery & spilling etc.

s.19(1)
s.20(1)(b)
s.20(1)(c)
Deb - discussed highlighted area on previous page

Chris - extended weekly fishery allowing 50K per fishery until Sept.
- thought this was too generous for 2 days of fishing, half that amount w/6 more than adequate compensation
  2.5K = 90-100K lbs
- weekly catch of 150K

Barbara - visible economic fishery but coming up with a # in such a data limited fishery is problematic
1. Discussion needs to take place w/ core participants
2. No reported abundance
3. Clarity around rules
4. Rules established well before fishery

Deb - not continuing w/experiment
- will consider fishery like 2013, need to wait for abundance

Chris - disappointed there is lack of agreement on the Area B proposed fishery
- little bit of grazing pains
- way underharvesting what was proposed per week
- lack of information on what CPUE is
- getting a few weeks of data will not get you info for managing this fishery in future
- losing sight of objectives, nit picking on small issues
Hi Deb,

I understand that Fraser Sockeye are a priority. I do feel that our SFAC group deserves some answers on the most recent commercial opening of Howe Sound Pinks, especially if there exists the possibility that it could be re-opened. We have raised this as priority issue at both are fall and spring meetings. A short conference call would not take much time, as we have not received any answers to our questions and I feel a fair request.

Thanks,

Dave

We cannot confirm that at this time, the possibility still exists. As discussed at the pre-season Squamish Watershed meeting commercial fisheries for Squamish pinks are likely to occur. Apologies but we simply haven’t time to continue this discussion due to Fraser sockeye issues.
That is my understanding Dave, but I will ask Deb or Barb to confirm.

Thx.

Linda Stevens
Resource Manager | Gestionnaire de ressources
Fisheries and Oceans Canada | Pêches et Oceans Canada
Telephone | Telephone 250-305-4004
Telephone effective Nov. 17, 2014: (250) 267-4066

---

Hi Linda,

I understand that its extremely busy. Can you confirm that we will not have any further commercial pink openings in Howe Sound this season? If that’s the case then waiting until post-season is fine with me.

Thanks,

Dave

s.19(1)
I think we are going to have to defer to post-season Dave. We are all hair straight back at this time.

Sorry,

Linda Stevens
Resource Manager | Gestionnaire de ressources
Fisheries and Oceans Canada | Peches et Oceans Canada
Telephone | Telephone 250-305-4004
Telephone effective Nov. 17, 2014:  (250) 267-4066

Hi Linda,

Thank you for the notice. Yes our committee would still like to have a call from a manager please?

Thanks,

Dave
I just sent you the notice closing the fishery, did you still want someone from DFO to arrange a call or can this be moved now to a post-season discussion?

Thank you,

Linda Stevens
Resource Manager | Gestionnaire de ressources
Fisheries and Oceans Canada | Pêches et Oceans Canada
280C Third Avenue North, Williams Lake, BC V2G 4J2 |
280C Rue Troiseme Nord, Lac Williams, C-B. V2G 4J2
Email: Linda.Stevens@dfo-mpo.gc.ca
Telephone | Telephone 250-305-4004 NOTE: New Number effective November 17 – (250) 267-4066
Facsimile | Telecopieur 250-305-3017
Government of Canada | Gouvernement du Canada
Looks like [REDACTED] already filed his story late last night:

**Salmon fishing shut down on the Fraser River in the Lower Mainland** [Video]
Global News, August 17, 2015 at 12:07 am

We can probably ignore the call for now.

---

From: Imbeau, Michelle  
**Sent:** August-17-15 9:03 AM  
To: Sneddon, Debra; Mueller, Barbara  
**Subject:** RE: Fwd. voicemail <Req. for Info.> Global News reporter

Hi Deb

Yes, [REDACTED] so various folks in my office were handling the salmon calls. This reporter can be referred to me or to our general media inquiries line/email at: 604-666-1746 or media.pac@dfo-mpo.gc.ca

Thanks!

M.

---

From: Sneddon, Debra  
**Sent:** August-17-15 8:15 AM  
To: Imbeau, Michelle  
**Subject:** FW: Fwd. voicemail <Req. for Info.> Global News reporter

Hi Michelle, are you still the salmon communications officer?

---

From: Mueller, Barbara  
**Sent:** August-17-15 8:13 AM  
To: Sneddon, Debra  
**Subject:** Fwd. voicemail <Req. for Info.> Global News reporter

Hi Deb –

A reporter with Global News left a voicemail on my work line yesterday afternoon (SUN-16-Aug):

**Name:** [REDACTED]

He had a couple questions about (REC.?) salmon closure:

- Why was it necessary?
- How long expected to last?
I know we were referring media enquiries RE: Howe Sound to COMM downtown (Jonathan Thar?) - does same go on this one?

Is plan for COMM to draft media lines on Fraser closure also?

Thx., B.
Barbara, I can only imagine the frustration you must be feeling not having the full resources at hand to properly assess Howe sound Pink salmon numbers. The decision to close the commercial opening must have been difficult as I can imagine the political and other sourced pressure you must be under. I commend you and your department for taking this action whatever the reason. This conservative response is the best course of action to take. As stated previously there is no social or other dependency on this financially unimportant fishery. These fish are more important in the watershed, than in some fleet owners bank account. Your decision is much appreciated.

Thank you,

This message is directed in confidence solely to the person(s) named above and may contain privileged, confidential or private information which is not to be disclosed. If you are not the addressee or an authorized representative thereof, please contact the undersigned and then destroy this message.

On 13 August 2015 at 14:42, Dave Brown wrote:

Hello

Those are some great questions and very good points that you make in your email. I am still waiting to hear back on date for a meeting with DFO LFR manager.
I’ll keep you posted on any news on a meeting date.

Tight lines,

Dave
Subject: Re: 2015 Squamish Pink(Area B SN: Howe Sound: Area 28) Letter: For Distribution

Thanks to everyone who has been keeping the allocators at DFO feet to the fire over this fisheries issue.

I do understand the pressure they are under and what it is like trying to do your job without adequate funding to actually be able to. I don't mean to be disrespectful in my use of the term allocator instead of manager. Until the diligent use of sound scientific practice is demonstrated in the actual management of these fish, I won't use that term either though. If the tools to do the job properly are unavailable then as professional managers they must adhere to the precautionary principle and not allow any commercial exploitation to take place. Far too much is at stake here, in creating an unneeded and commercial unimportant fishery. Rebounding populations of porpoise, herring, eagles, orca, seals etc depend on these pink salmon in one form or another.

Questions I would like to see answered:

1. run size and how that was determined

2. what were pink fry escapement numbers that was mentioned as one of the determining factors in allowing this harvest (ie I'm guessing this data comes from the fry traps on the Cheak, and how those numbers were used to determine the total abundance of the various tributary escapements that will be intercepted in this non selective fishery

3. At what point now, will this population be considered abundant (meaning commercially harvestable), or an area of concern, ie the last 50 years, what are the actual base line numbers and how was this determined?

4. what was the virus these fish came in with in 2013?
5 why are we creating the lowest dollar value return via this commercial fishery and sabotaging the highest dollar value fishery (sport and sport guiding) and not even considering creating a high value FN terminal fishery ie freshly harvested fish for sale via a highly self regulated local FN initiative and value added product?

6 Have the federal allocators carefully considered the impact of the loss of the out going pink fry and the impact that will have on local steelhead, rainbow trout, cutthroat and char populations? These small out migrating fish are a very important food source during a time of year when the river is seemingly barren and has very little food available. They themselves, because they out migrate so soon after hatching put little demand on the local habitat (specifically in terms of food demand) as they arent there long enough prior to out migrating. Many people feel it is the pink fry that have bolstered rainbow ( and immature steelhead and coho during their relatively lengthy fresh water residency stage) cutty and char populations to the increasingly healthy levels they currently are at. These fish populations have in turn supported an increasingly robust commercial sport guiding sector that will be imperiled by a down turn in these fish populations. The unguided sport fishery will also suffer. The dollar value both in terms of the dollars created by these local guiding businesses that operate year round because the benefits from these fish are felt year round, and the money spent in the local community far exceeds any dollar value created by the commercial harvest that concentrates the money earned ,if indeed it is even a profitable fishery, into very few hands and that money likely isnt being spent in the local Squamish economy.

s.19(1)

This message is directed in confidence solely to the person(s) named above and may contain privileged, confidential or private information which is not to be disclosed. If you are not the addressee or an authorized representative thereof, please contact the undersigned and then destroy this message.

On 12 August 2015 at 16:36, Dave Brown wrote:

Hi

Both John and I were on the Sockeye/Pink Working Group Conference call today and raised our committees concerns over the Pink commercial opening in Howe Sound with what appears to be low return numbers and no information from DFO on the science behind the opening or what the allocation is for this fishery. We were told on the call that we will be getting an update from a manager from Lower Fraser Area. I have attached the notes from the meeting today.

On a side note, I was at Furry Creek today and watched one of the 2 commercial seine boats haul their catch,
which appeared to be very small, probably less than 20 fish. Another indication of low numbers of Pink. (see attached photos) I have concern about a seine boat fishing in that area, as hatchery chinook brood from past years net pen releases at Porteau Cove hold in that area and would be susceptible to by-catch. We can ill afford to lose Chinook this year!

s.19(1)

Tight lines,

Dave
Hi Barbara,

The fishery is now in its third day and we have not had any responses to our concerns.

I have a few additional questions:

1. Was there any enforcement and/or observers on the vessels starting Monday? If there were what were they observing or monitoring?

2. This is the third day and the vessels seem to have stopped fishing. Was there an issue? Did they catch their quota and if so what was that quota.

Please respond in a timely manner as this whole run depends on it.

Best regards,
Tight lines,

On Mon, Aug 10, 2015 at 5:57 PM, Dave Brown wrote:

Hello Barbara,

As you know our Squamish to Lilooet SFAC has expressed concerns about a commercial Pink opening without sustainable returns of Pink Salmon to spawning grounds. From all observations by our SFAC committee members this isn’t the case. Also concerns were expressed about by-catch of Squamish River Chinook. In speaking with Scott Melville at Tenderfoot Hatchery they still don’t have all of their Chinook brood captured yet.

In the spirit of openness and transparency some clarification regarding the pink opening is needed.....

Firstly, How many fish (maximum) have been allocated for this fishery and what % of the run is this? How were these numbers determined?
Secondly, given the river numbers (so far) are far less than last cycle..... What factors were used in determining that this pink run could sustain an additional fishery to the one already planned for late Aug. that took nearly 300,000 fish last cycle.....

Given low flow and high temps most of the river run will likely spawn in the main river and will be highly vulnerable to flood events.

Thirdly, what safety measures are in place to protect this pink run from over harvest? The last time this run was overharvested 1960's, it resulted in a wipeout of the run.

I look forward to a prompt response to this given the fishery is already under way.

Thanks,

Dave

Squamish to Lillooet SFAC Vice-Chair

s.19(1)
Good Afternoon,

As a follow-up to this earlier correspondence, please find attached a letter outlining some additional details regarding this fishery.

Regards,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112

From: Mueller, Barbara [mailto:Barbara.Mueller@dfo-mpo.gc.ca]
Sent: August 7, 2015 1:25 PM
To: Bell-Irving, Rob <Rob.BellIrving@dfo-mpo.gc.ca>; Campbell, Peter <Peter.Campbell@dfo-mpo.gc.ca>; Foy, Matthew <Matthew.Foy@dfo-mpo.gc.ca>; Harris, Rob <Rob.Harris@dfo-mpo.gc.ca>; Loop, Dave <Dave_LOOP@dfo-mpo.gc.ca>; Sneddon, Debra <Debra.Sneddon@dfo-mpo.gc.ca>;

Subject: RE: 2015 Squamish Pink(Area B SN: Howe Sound: Area 28) Letter: For Distribution
Good Morning,

Please find attached a letter outlining Squamish Pink Salmon Mgmt. considerations for the upcoming 2015 fishing season.


Regards,

Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca
Hodgkins, Vanessa

From: Nener, Jennifer
Sent: August-18-15 3:44 PM
To: Imbeau, Michelle; Sneddon, Debra
Subject: Re: Howe Sound pink salmon fishery - media inquiry

From: Imbeau, Michelle
Sent: Tuesday, August 18, 2015 3:32 PM
To: Nener, Jennifer
Subject: RE: Howe Sound pink salmon fishery - media inquiry

Can provide response later this afternoon when meetings done.

From: Nener, Jennifer
Sent: August-18-15 12:57 PM
To: Reid, Rebecca; Imbeau, Michelle
Subject: Re: Howe Sound pink salmon fishery - media inquiry

Perhaps Jennifer has a diplomatic response?

RR

Rebecca Reid
Regional director, Fisheries Management
Fisheries and Oceans Canada
604 323 6422
Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Imbeau, Michelle
Sent: Tuesday, August 18, 2015 11:37 AM
To: Reid, Rebecca; Nener, Jennifer
Subject: FW: Howe Sound pink salmon fishery - media inquiry

A media inquiry is asking about the reason for the early closure of the commercial pink salmon fishery in Howe Sound.

I have already provided a formal response, but it sounds like he has some information from someone about the early closure. Any thoughts on a proposed response to him?
Thanks, Michelle

From: Michelle Imbeau
Sent: August-18-15 10:18 AM
To: Imbeau, Michelle
Subject: Re: Response to your inquiry re Howe Sound pink salmon fishery

Thanks Michelle.

Can you confirm that the fishery was closed due to there being three commercial boats, instead of the allowable two, which were observed fishing in a prohibited area near the mouth of the Squamish River?

Thanks.

Reporter
PIQUE NEWSMAGAZINE
Whistler Gets It

On 2015-08-18, at 10:16 AM, Imbeau, Michelle wrote:

Hello

As a follow-up to the information that you received last week from my colleague Jonathan, this is the information we can provide on the fishery closure:

• On August 12, 2015, Fisheries and Oceans Canada closed the small-scale commercial pink salmon fishery in Howe Sound that opened on Monday, August 10.

Thank you,

Michelle Imbeau

Communications Advisor
Fisheries and Oceans Canada / Government of Canada
Michelle.Imbeau@dfo-mpo.gc.ca / Tel: 604-666-2872

Conseillère en communications
Pêches et Océans Canada / Gouvernement du Canada
Michelle.Imbeau@dfo-mpo.gc.ca / Tél: 604-666-2872

From: Thar, Jonathan
Sent: August-11-15 4:52 PM
Hi [Name]

Thanks for your call earlier today. In response to your questions:

Fisheries and Oceans Canada (DFO) opened a small-scale commercial pink salmon fishery in Howe Sound, limited to two seine vessels from August 10-15, 2015 between 6:00 a.m. and 9:00 p.m. daily.

The fishery was opened based on information indicating that a strong return of pink salmon to the Squamish River could be expected this year.

Planning for this fishery was informed by a small-scale exploratory commercial seine fishery conducted in 2013, as well as 2013 escapement and 2014 out-migrant information.

Prior to this opening, DFO shared information regarding this planned fishery with First Nations and other interested parties.

This limited pink salmon fishing opportunity in Howe Sound is being fully monitored by independent, on-board observers. Any fish species caught other than pink salmon will be released.

This fishery does not contravene any existing closures in Howe Sound, including those around glass sponge reefs.

Information from this fishery will support the future management of this pink salmon population.

Best,

Jonathan

Jonathan Thar
Communications Advisor
Pacific Region
Fisheries and Oceans Canada | Government of Canada
Tel: 604-666-0646 | Jonathan.Thar@dfo-mpo.gc.ca

Conseiller en communications
Région du Pacifique
Pêches et Océans Canada | Gouvernement du Canada
Tél: 604-666-0646 | Jonathan.Thar@dfo-mpo.gc.ca
From: Nener, Jennifer
Sent: 2015–August-19 8:48 AM
To: Sneddon, Debra; Mueller, Barbara
Subject: RE: Howe Sound pink fishery

Thanks Debra – lines forwarded – good to ask Jonathan if there were any changes from RR as I did not have the final version. This is actually a bit weird considering the efforts made over the previous 2 years to engage with various groups etc.

JN

From: Sneddon, Debra
Sent: 2015–August-19 8:43 AM
To: Nener, Jennifer; Mueller, Barbara
Subject: RE: Howe Sound pink fishery

Jennifer, do you have the final media lines? We are getting emails from recreational anglers, private citizens, SFAC reps, ENGOs, Squamish Nation and commercial fishermen. Basically everyone.

I checked with all my contacts and have heard nothing back with regard to abundance in-river. I also checked all the fishing websites that provide reports and all I could find, which wasn’t much, was that the abundance is nowhere near 2013 levels.

Debra

From: Mueller, Barbara
Sent: August-19-15 8:40 AM
To: Mueller, Barbara; Sneddon, Debra
Subject: RE: Howe Sound pink fishery

I agree we need to go with approved lines and may need to update lines if they are not addressing the recurring questions. Am surprised this has attracted such a number of questions – am interested to know where they are coming from (private citizens in the area, ENGOs, FNs??). Thanks!

Jennifer

From: Mueller, Barbara
Sent: 2015–August-19 8:30 AM
To: Sneddon, Debra; Nener, Jennifer
Subject: RE: Howe Sound pink fishery

My suggestion is to limit our responses to media lines drafted on this file – Jonathan Thar in COMM was coordinating DFO response and I haven’t seen his final version.

B.
Jennifer is also getting inundated with calls and emails and we thought language like the following would be most appropriate:

Jennifer, any further thoughts. Barbara has at least 20 emails to respond to and we can use this language for all.

---

Hi Deborah and Barbara,

I’m not sure if you are the right people to address this inquiry to. If not, please forward as appropriate.

We received a call today from a concerned citizen regarding the recent Howe Sound seine fishery. This person alleged that at least one of the two vessels was setting in at least one closed area, and that there were no enforcement officers present. There were also concerns raised about the fact that the fishery was even opened at all, given a low abundance of pinks this year. I see that the fishery was closed well before the end of the 5 day opening, which seems like an appropriate management response if the above allegations are correct and/or the abundance was in fact quite low.

Can you speak to these allegations and explain what happened, and why the fishery was closed early?

Thanks very much,

Aaron

Aaron Hill
Watershed Watch Salmon Society
250-380-1176 (office)
250-818-0054 (cell)

On Jun 4, 2014, at 2:47 PM, Sneddon, Debra <Debra.Sneddon@dfo-mpo.gc.ca> wrote:
I am out of the office with NO access to email. For urgent inquiries please contact the following:

From - Terry Charron, 604-666-8614
From - Brigid Payne, 604-666-6512
Thanks Deb. Based on the info assembled so far will respond to Chris and Rob indicating we are not seeing the large abundances that would support another commercial opportunity at this time.

JN

---

From: Sneddon, Debra  
Sent: 2015-August-19 9:31 AM  
To: Nener, Jennifer; Mueller, Barbara  
Subject: FW: Squamish pinks

FYI

From: Uittenbogaard, Jordan  
Sent: August-19-15 9:29 AM  
To: Sneddon, Debra; Loop, Dave  
Cc: Bell-Irving, Rob; Smith, Jeremy; Melville, Scott  
Subject: RE: Squamish pinks

We have been drifting the Cheakamus all week from roads end to Sunwolf setting tangle nets in various pools. I am not seeing a huge abundance of Pinks this year. In 2013 the upper river by August 15th was saturated and we were not able to run any nets. This year this is not the case. That tells me there is not a 'huge' amount of fish in holding water, nor am I seeing much in the way of spawning on the margins or channels compared to previous years.

We have been fishing the Outdoor school trap the past few weeks. I'm not sure how our numbers compare to previous years. Please contact Jeremy or Scott for the numbers.

Hope this helps.

Cheers,

Jordan Uittenbogaard
Enhancement Technician
Tenderfoot Creek Hatchery, Squamish, BC
1000 Midnightway, VON 1HO
Phone: (604) 898-3657
E mail: Jordan.Uittenbogaard@dfo-mpo.gc.ca

OBSERVE, RECORD AND REPORT FISHERIES VIOLATIONS
Toll Free: 1-800-465-4336 or GVRD: 604-607-4186

---

From: Sneddon, Debra  
Sent: Wednesday, August 19, 2015 9:14 AM  
To: Loop, Dave  
Cc: Uittenbogaard, Jordan; Bell-Irving, Rob  
Subject: RE: Squamish pinks
Thanks Dave, would be great if you could take a look. We haven't heard from the hatchery yet, maybe we had the wrong contact.

From: Loop, Dave  
Sent: August-19-15 9:12 AM  
To: Sneddon, Debra  
Cc: Uittenbogaard, Jordan; Bell-Irving, Rob  
Subject: RE: Squamish pinks

I don't know about the NVOS channels, but maybe this afternoon I can take a quick look for you. Rob Bell-Irving or the Tenderfoot staff could likely provide good intel on your questions.

David A. Loop  
Fishery Officer / Field Supervisor  
Squamish Field Unit

From: Sneddon, Debra  
Sent: Wednesday, August 19, 2015 9:03 AM  
To: Loop, Dave  
Cc: Green, Ken; Harris, Rob  
Subject: RE: Squamish pinks

So early in terms of the fish showing up but late in terms of spawning. Any word on how far up the river they are and if the North Van outdoor school channels are full?

From: Loop, Dave  
Sent: August-19-15 9:01 AM  
To: Sneddon, Debra  
Cc: Green, Ken; Harris, Rob  
Subject: RE: Squamish pinks

We have been seeing very effective harvest success on the Pinks, but they are starting to look extremely stressed do to lack of water and time of year. I would also suggest that the harvest #’s are abnormally high due the extraordinary amount of pressure by the rec sector. As this is the only place to fish currently. I modestly estimated 450 to 500 fishers on the Mamquam / Squamish at any time between 0800 and 1800 last Saturday and Sunday, weekdays have approx. 150 – 200 depending on time of day. I am not seeing an abundance of spawners on the reddas as would be normal for past years by this time in August. The run started earlier than usual this year as well.

David A. Loop  
Fishery Officer / Field Supervisor  
Squamish Field Unit

From: Sneddon, Debra  
Sent: Wednesday, August 19, 2015 8:51 AM  
To: Harris, Rob; Loop, Dave  
Subject: Squamish pinks
Guys, what's the word on abundance and success in the recreational fishery?

Debra Sneddon
Program Coordinator, Lower Fraser Area
604-666-6509
I just got off the phone with John Wright (Sq-Lyll SFAC Chair) who advised that pinks are as far up in the system as the Ashlu, [Redacted] He indicates not as much as 2013 but certainly an abundance of fish.

---

From: Mueller, Barbara  
Sent: August-19-15 12:33 PM  
To: Nener, Jennifer; Sneddon, Debra  
Subject: FW: Squamish Info/Update: Req. for Info

FYI

From: Smith, Jeremy  
Sent: 2015-August-19 11:41 AM  
To: Mueller, Barbara  
Subject: RE: Squamish Info/Update: Req. for Info

Hi Barb,

Sorry for my Tardy reply. I have been to the outdoor school and have walked the channels and the pinks seem to be utilizing most of the river water channels and are just starting to push into some of the ground water channels. We are actively fishing both of the Upper Paradise trap and the Tenderfoot trap. To date we have seen 500 pinks in Upper Paradise and 130 at Tenderfoot and those numbers are increasing by the day. At the bottom of the e-mail I will include Jordan’s last e-mail to Deb (disjointed I know).

As far as the Chinook are concerned we are well on our way to collecting all of our brood stock. We have almost 30 pair from the Check and will stop fishing it today. We have 5 pair from the Mamquam and are done. We have 5 pair from shovel-nose and will be looking for 5 more pair, but the fishing here has and continues to be productive. We are not finding many fish on the Ashlu, we are holding 3 fish, this is all it has produced in a 2 week period.

I have included Jordans e-mail regarding Pinks: We have been drifting the Cheakamus all week from roads end to Sunwolf setting tangle nets in various pools. I am not seeing a huge abundance of Pinks this year. In 2013 the upper river by August 15th was saturated and we were not able to run any nets. This year this is not the case. That tells me there is not a ‘huge’ amount of fish in holding water, nor am I seeing much in the way of spawning on the margins or channels compared to previous years.

Hope this helps.

Cheers,

Jeremy Smith  
A. Watershed Enhancement Manager  
Capilano Salmon Hatchery / Tenderfoot Creek Hatchery
Sneddon, Debra

From: Nener, Jennifer
Sent: August-19-15 10:07 AM
To: Sneddon, Debra; Mueller, Barbara
Subject: RE: FYApproval ASAP pls: further lines re Squamish pink closure

That said, I don’t see the indicators that would cause us to contemplate another fishery at this time.

JN

From: Sneddon, Debra
Sent: 2015-August-19 9:16 AM
To: Nener, Jennifer; Mueller, Barbara
Subject: FW: FYApproval ASAP pls: further lines re Squamish pink closure

New lines, unfortunate about the highlighted section as this will be difficult to achieve.

From: Thar, Jonathan
Sent: August-19-15 9:07 AM
To: Sneddon, Debra
Cc: Imbeau, Michelle
Subject: RE: FYApproval ASAP pls: further lines re Squamish pink closure

Beyond the first set that I sent you last week, here is what has been provided to the Whistler Pique and Squamish Chief in the past 24h Deb:

On August 12, 2015, Fisheries and Oceans Canada (DFO) closed the small-scale commercial pink salmon fishery in Howe Sound that opened on Monday, August 10.

DFO was not yet seeing the abundance of fish that were anticipated for that time, therefore it was prudent to stop fishing and allow for more fish to move into the river.

JT

From: Sneddon, Debra
Sent: August-19-15 8:50 AM
To: Thar, Jonathan; Imbeau, Michelle
Subject: FW: FYApproval ASAP pls: further lines re Squamish pink closure

Hi folks, are there updated media lines you can share?
This is what I have.

Works for me. Thanks Jonathan.

Jennifer

Any comments or concerns re the below? We’ll move these up to Rebecca this afternoon, so please let me know by 2:30pm.

Thanks much,

JT

Hi Jeff, Brigid and Jennifer,

They’ll only go out in response to any further media inquiries.

Karen has approved from the Comms side, and with your thumbs up, we’ll move them to Rebecca/Sue/NHQ for final approval.

On August 12, 2015, Fisheries and Oceans Canada closed the small-scale commercial pink salmon fishery in Howe Sound that opened on Monday, August 10.
Let me know if okay, thanks. The NHQ-approved lines from yesterday are below my initials here, in case they’re helpful context.

JT

Fisheries and Oceans Canada (DFO) opened a small-scale commercial pink salmon fishery in Howe Sound, limited to two seine vessels from August 10-15, 2015 between 6:00 a.m. and 9:00 p.m. daily.

The fishery was opened based on information indicating that a strong return of pink salmon to the Squamish River could be expected this year.

Planning for this fishery was informed by a small-scale exploratory commercial seine fishery conducted in 2013, as well as 2013 escapement and 2014 out-migrant information.

Prior to this opening, DFO shared information regarding this planned fishery with First Nations and other interested parties.

This limited pink salmon fishing opportunity in Howe Sound is being fully monitored by independent, on-board observers. Any fish species caught other than pink salmon will be released.

This fishery does not contravene any existing closures in Howe Sound, including those around glass sponge reefs.

Information from this fishery will support the future management of this pink salmon population.
The Cheakamus Channels are not full of pinks at all. Even the Furry Creek fishers have left, they’re catching very little. Let alone, the huge 2013 return. I think the El Nino has influenced run size this time around. But anyway – lots of reports of snagging etc., on our local rivers too. I think because everywhere is closed; but for good reason as well. Thanks for the inquiry – thanks – Rob

I don’t know about the NVOS channels, but maybe this afternoon I can take a quick look for you. Rob Bell-Irving or the Tenderfoot staff could likely provide good intel on your questions.

So early in terms of the fish showing up but late in terms of spawning. Any word on how far up the river they are and if the North Van outdoor school channels are full?

We have been seeing very effective harvest success on the Pinks, but they are starting to look extremely stressed do to lack of water and time of year. I would also suggest that the harvest #’s are abnormally high due the extraordinary amount of pressure by the rec sector. As this is the only place to fish currently. I modestly estimated 450 to 500 fishers on the Mamquam / Squamish at any time between 0800 and 1800 last Saturday and Sunday, weekdays have approx. 150 – 200 depending on time of day. I am not seeing an abundance of spawners on the redds as would be normal for past years by this time in August. The run started earlier than usual this year as well.
Guys, what's the word on abundance and success it the recreational fishery?

Debra Sneddon
Program Coordinator, Lower Fraser Area
604-666-6509
Thanks Deb – very helpful. Would be great if we could discuss potential triggers for a fishery. Of course, we are being asked “How much is enough before Area B can fish??”. Much appreciated,

Jennifer
<table>
<thead>
<tr>
<th>Fry Count</th>
<th>2013</th>
<th>2015</th>
</tr>
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<tbody>
<tr>
<td>PSC Test Fishery - Canada South Coast contribution thru JS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aug-02</td>
<td>29M</td>
<td>25M</td>
</tr>
<tr>
<td>Aug-06</td>
<td>86%</td>
<td>Jul-29</td>
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<tr>
<td>Aug-13</td>
<td>47%</td>
<td>Aug-07</td>
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<tr>
<td>Aug-16</td>
<td>71%</td>
<td>Aug-10</td>
</tr>
<tr>
<td>Aug-20</td>
<td>63%</td>
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</tr>
</tbody>
</table>

**Fishery Observations**

<table>
<thead>
<tr>
<th>Location</th>
<th>Period</th>
<th>Observation</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furry Creek</td>
<td>mid-Aug</td>
<td>fishery still going strong</td>
<td>Aug-19</td>
</tr>
<tr>
<td>Mamquam River</td>
<td></td>
<td></td>
<td>Aug-19</td>
</tr>
<tr>
<td>Cheakamus River</td>
<td></td>
<td>pinks right up to the canyon, well above the Cheekye</td>
<td>Aug-20</td>
</tr>
<tr>
<td>Ashlu</td>
<td>mid-Aug</td>
<td>significant numbers</td>
<td>Aug-20</td>
</tr>
<tr>
<td>DFO Community Advisor</td>
<td></td>
<td></td>
<td>Aug-18</td>
</tr>
<tr>
<td>Tenderfoot Hatchery Staff C&amp;P Officers</td>
<td>Aug-15</td>
<td>Cheakamus fully saturated</td>
<td>Aug-18</td>
</tr>
<tr>
<td></td>
<td>mid-Aug</td>
<td>all fully saturated</td>
<td>Aug-19</td>
</tr>
<tr>
<td>John Wright (SFAC Chair, ex PSC employee from the 70's)</td>
<td>Aug-18</td>
<td>on par with largest return ever from 1963 of 1M</td>
<td>Aug-18</td>
</tr>
<tr>
<td>SFAC alternate chair Squamish Nation (Cheakamus, Mamquam, Ashlu) Squamish Streamkeepers</td>
<td>Aug-10</td>
<td>all side channels fully saturated</td>
<td>Aug-20</td>
</tr>
<tr>
<td></td>
<td>Aug-24</td>
<td>all fully saturated</td>
<td></td>
</tr>
</tbody>
</table>

Hi Deb,

From: Nener, Jennifer
Sent: August-20-15 11:13 AM
To: Sneddon, Debra
Subject: FW: Squamish
Do you have time to pull together a brief summary that I can then send on? That would be very helpful. I hope to have the opportunity to discuss with RR as well.

JN

From: Area B Harvest Committee/Area B Seine Soc. (Chris Ashton) [mailto:areab@telus.net]
Sent: 2015-August-20 10:04 AM
To: Nener, Jennifer
Cc: Chris Cue; Rob Morley
Subject: Re: Squamish

Hi Jennifer,

Would it be possible for you to share the info that 'you've received to date' as well as reports from 2013. Going forward it would be helpful to have that information so one could compare from year to year. As I said, when we talked on Tuesday, the abundances that I viewed in the areas I visited on Monday afternoon appeared to similar to 2013, but obviously I didn't have the time to do as broad a survey as the staff at Tenderfoot do.

Regards,

Chris

Chris Ashton, Executive Director
Area B Harvest Committee/Area B Seine Society
Cell: Off:

On 8/19/2015 12:07 PM, Nener, Jennifer wrote:

Hi there,

Info received to date does not indicate abundances in the river that would prompt consideration of additional commercial fisheries at this time. We may have further info tomorrow. Thanks.

Jennifer

Jennifer Nener
Area Director, Lower Fraser
Fisheries and Oceans Canada
3 – 100 Annacis Parkway,
Delta, BC
Vancouver, BC V6C 2S4

Phone: 604-666-6478
Hi Deb,

Do you have time to pull together a brief summary that I can then send on? That would be very helpful. Am downtown and hope to have the opportunity to discuss with RR as well.

JN

---

Hi Jennifer,

Would it be possible for you to share the info that 'you've received to date' as well as reports from 2013. Going forward it would be helpful to have that information so one could compare from year to year. As I said, when we talked on Tuesday, the abundances that I viewed in the areas I visited on Monday afternoon appeared to similar to 2013, but obviously I didn't have the time to do as broad a survey as the staff at Tenderfoot do.

Regards,

Chris

Chris Ashton, Executive Director
Area B Harvest Committee/Area B Seine Society
s.19(1)

On 8/19/2015 12:07 PM, Nener, Jennifer wrote:

Hi there,

Info received to date does not indicate abundances in the river that would prompt consideration of additional commercial fisheries at this time. We may have further info tomorrow. Thanks.

Jennifer
Page is blank - no information has been removed
Thanks that jibes with what I've heard from other areas. Just a heads up we are closing the Mamquam tomorrow night due to very low water.

-----Original Message-----
From:  
Sent: August-20-15 7:35 AM  
To: Sneddon, Debra  
Subject: Squamish Pinks

Hi Deb

there was not a lot of fish in the Cheakamus yet above the Cheekye confluence and no active spawning that we observed.
Deb—those were the lines as reviewed and approved by Jennifer, Rebecca, RDG and NHQ. This is how they were interpreted in the Chief and Pique:

http://www.squamishchief.com/news/local-news/we-must-protect-these-stocks-1.2034659

JT

Folks can you please strike the highlighted line below from the media lines.

Beyond the first set that I sent you last week, here is what has been provided to the Whistler Pique and Squamish Chief in the past 24h Deb:

On August 12, 2015, Fisheries and Oceans Canada (DFO) closed the small-scale commercial pink salmon fishery in Howe Sound that opened on Monday, August 10.

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Hi folks, are there updated media lines you can share?

This is what I have.

Works for me. Thanks Jonathan.

Jennifer

Hello again,

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Thanks much,

JT

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Prior to this opening, DFO shared information regarding this planned fishery with First Nations and other interested parties.

This limited pink salmon fishing opportunity in Howe Sound is being fully monitored by independent, on-board observers. Any fish species caught other than pink salmon will be released.

This fishery does not contravene any existing closures in Howe Sound, including those around glass sponge reefs.

Information from this fishery will support the future management of this pink salmon population.
Hi gang,

After further discussion with Jennifer and Deb today, below are the latest-and-greatest Howe Sound pink lines to come back to if needs be.

FYReference—no need to action for approval up at this point. We’ll cross any new opening bridge if/when we get to it...

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Information from this fishery will support the future management of this pink salmon population.

On August 12, 2015, Fisheries and Oceans Canada (DFO) closed the small-scale commercial pink salmon fishery in Howe Sound that opened on Monday, August 10.

Any further opportunities will be dependent on seeing a significant abundance of pink salmon with broad distribution in the Squamish River watershed.

JT
From: Thar, Jonathan  
Sent: August-21-15 4:00 PM  
To: Sneddon, Debra; Nener, Jennifer  
Subject: RE: HS pink lines so far

Thank you both!

From: Sneddon, Debra  
Sent: August-21-15 2:40 PM  
To: Nener, Jennifer  
Cc: Thar, Jonathan  
Subject: RE: HS pink lines so far

I have no further changes.

From: Nener, Jennifer  
Sent: August-21-15 8:56 AM  
To: Sneddon, Debra  
Cc: Thar, Jonathan  
Subject: RE: HS pink lines so far

Deb – Jonathan is seeking to update lines (following up on yesterday) – a few thoughts below. Please share your thoughts on further changes to me. Thx.

From: Thar, Jonathan  
Sent: 2015-August-21 8:37 AM  
To: Nener, Jennifer  
Subject: HS pink lines so far

As discussed, see below for the lines so far. Happy to re-connect on how we might update these in anticipation of any possible further openings. Thank you Jennifer.

JT

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On August 12, 2015, Fisheries and Oceans Canada (DFO) closed the small-scale commercial pink salmon fishery in Howe Sound that opened on Monday, August 10.

Any further opportunities will be dependent upon seeing a significant abundance of pink salmon with broad distribution in the Squamish River watershed.
Hi Rob,

Thanks for the insight. I do strongly agree with your point about “there are not a lot of pinks on the spawning grounds, or in the rivers”.

I would like to know:

- How many Pinks were harvested in the most recent commercial opening?

- What the guidelines were for this fishery and if any specific areas were off limits? Certainly not having targeted certain marine areas in Howe Sound, could have had reduced impact on different stocks of Howe Sound Pinks and Chinook.

- During the commercial seine opening in 2013, we were updated at our fall meeting that year, that DFO had fisheries officers monitoring the fishery when it was taken place. When I was out in Howe Sound observing the seine boats fishing, I did not see any DFO enforcement out on the water. Were any DFO Fisheries Officers on the water for this most recent opening?

I would really appreciate it if you could get answer to my questions.

Thanks,
---
From: Bell-Irving, Rob [mailto:Rob.BellIrving@dfo-mpo.gc.ca]
Sent: August 21, 2015 11:08 AM
To: <Barbara.Mueller@dfo-mpo.gc.ca>; Loop, Dave <Dave.Loop@dfo-mpo.gc.ca>
Cc: Campbell, Peter <Peter.Campbell@dfo-mpo.gc.ca>; Mueller, Barbara
Foy, Matthew <Matthew.Foy@dfo-mpo.gc.ca>; Harris, Rob <Rob.Harris@dfo-mpo.gc.ca>; Loop, Dave <Dave.Loop@dfo-mpo.gc.ca>; Sneddon, Debra <Debra.Sneddon@dfo-mpo.gc.ca>
Subject: RE: FN0904-RECREATIONAL - Salmon: Region 2 - Fishing Closures in Region 2 - Mamquam River

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From: Bell-Irving, Rob [mailto:Rob.BellIrving@dfo-mpo.gc.ca]
Sent: Thursday, August 20, 2015 5:43 PM
To: Mueller, Barbara
Cc: Bell-Irving, Rob; Campbell, Peter; Foy, Matthew; Harris, Rob; Loop, Dave; Sneddon, Debra;

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Sent: Thursday, August 20, 2015 5:43 PM
To: Mueller, Barbara
Cc: Bell-Irving, Rob; Campbell, Peter; Foy, Matthew; Harris, Rob; Loop, Dave; Sneddon, Debra;

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Cc: Bell-Irving, Rob; Campbell, Peter; Foy, Matthew; Harris, Rob; Loop, Dave; Sneddon, Debra;
Subject: Re: FN0904-RECREATIONAL - Salmon: Region 2 - Fishing Closures in Region 2 - Mamquam River

Why would you penalize the angler who is following the rules except for the actions of a few. If the system is going to be closed to retention then do like the Mamquam and close it to all fishing. Then nobody fishes. I am being facetious of course and there is no reason to close it to retention.

From: "Mueller, Barbara" <Barbara.Mueller@dfo-mpo.gc.ca>
To: "Mueller, Barbara" <Barbara.Mueller@dfo-mpo.gc.ca>
Cc: "Bell-Irving, Rob" <Rob.BellIrving@dfo-mpo.gc.ca>; "Campbell, Peter" <Peter.Campbell@dfo-mpo.gc.ca>; "Foy, Matthew" <Matthew.Foy@dfo-mpo.gc.ca>; "Harris, Rob" <Rob.Harris@dfo-mpo.gc.ca>; "Loop, Dave" <Dave.Loop@dfo-mpo.gc.ca>; "Sneddon, Debra" <Debra.Sneddon@dfo-mpo.gc.ca>

Sent: Thursday, August 20, 2015 5:28 PM
Subject: Re: FN0904-RECREATIONAL - Salmon: Region 2 - Fishing Closures in Region 2 - Mamquam River

With all the violations and inability to control the angler ethics perhaps it is time to close the entire system to retention.

Best regards,

On Aug 20, 2015, at 4:57 PM, Mueller, Barbara <Barbara.Mueller@dfo-mpo.gc.ca> wrote:

FYI

From: opscentre@pac.dfo-mpo.gc.ca [mailto:opscentre@pac.dfo-mpo.gc.ca]
Sent: 2015-August-20 3:54 PM
To: Mueller, Barbara
Subject: FN0904-RECREATIONAL - Salmon: Region 2 - Fishing Closures in Region 2 - Mamquam River

Category(s):
RECREATIONAL - Salmon

Fishery Notice - Fisheries and Oceans Canada

Subject: FN0904-RECREATIONAL - Salmon: Region 2 - Fishing Closures in Region 2 - Mamquam River

Further to FN0715, water levels in many systems throughout the Province continue to be extremely low and river temperatures in many cases are reaching lethal limits for fish.

Effective August 22, 2015 at 00:01 hours until further notice, the Mamquam River is closed to angling. All closures previously announced in FN0715 remain in effect.

This order is made in conjunction with a Provincial order. The result of these two orders is a complete angling closure in the listed waters.

Variation Order No. 2015-399

Notes:

Did you witness suspicious fishing activity or a violation? If so, please call the Fisheries and Ocean Canada 24-hour toll free Observe, Record, Report line at (800) 465-4336 or the British Columbia’s toll-free RAPP line (Report All Poachers and Polluters) at 1-877-952-RAPP (7277).

For the 24 hour recorded opening and closure line, call toll free at 1-(866)431-FISH (3474)

FOR MORE INFORMATION:

Contact the nearest Fisheries and Oceans Canada office or visit our website at http://www.pac.dfo-mpo.gc.ca

Fisheries and Oceans Canada Operations Center - FN0904
Sent August 20, 2015 at 15:53
Visit us on the Web at http://www.pac.dfo-mpo.gc.ca

If you would like to unsubscribe, please submit your request at: http://www-ops2.pac.dfo-mpo.gc.ca/fns-sap/index-eng.cfm?pg=manage_subscription

If you have any questions, please contact us via e-mail to: OpsCentre@pac.dfo-mpo.gc.ca
Hi Debra,

I have read this fishery notice and the language describing the open area is actually rather vague. "Participating vessels must have independent observers on board and fish within pre-identified management zones in lower, mid and upper portions of Howe Sound." It makes it sound as if there were more detailed boundaries that had been "pre-identified" within Howe Sound. Given that we’ve heard the allegation about fishing in a closed area from multiple reliable sources, we thought there may have been additional boundary information that you could provide.

With respect to the question about observers, I am not suggesting anything. I am asking.

The questions I have posed to you and Barbara seem straightforward. It would save us all a lot of grief and very likely avoid an escalation of this issue if you could simply answer them in a straightforward manner.

cheers,
Aaron Hill
Watershed Watch Salmon Society
MCC rep to Integrated Harvest Planning Committee, South Coast

On Aug 27, 2015, at 5:10 PM, Sneddon, Debra <Debra.Sneddon@dfo-mpo.gc.ca> wrote:

Hi Aaron, here is the link to the Fishery Notice that shows the open areas. I am curious as to what areas you think were closed as the entire Howe Sound was open? http://notices.dfo-mpo.gc.ca/fns-sap/index-eng.cfm?pg=view_notice&DOC_ID=174183&ID=all

In addition, the Fishery Notice also clearly stated that Independent Observers were required. The notice does not say partial observer coverage. Are you suggesting this wasn’t followed?

Barbara has provided the Department’s response to your questions and further information may be provided, as per normal procedures, during our post-season reviews.

Debra Sneddon
Program Coordinator, Lower Fraser Area
604-666-6509
Hi Barbara,

Thanks for replying. Your response on the matter of fishing in a closed area is inconsistent with reports we have heard from numerous sources. I was hoping that we would be able to congratulate DFO on taking appropriate management action under the circumstances, but this obfuscation is pushing things in an entirely different direction.

I am requesting the following information:

Please detail what, if any, DFO enforcement presence there was in the Howe Sound commercial fishery Aug 10-12.

What were the geographical boundaries for the fishery? Can you confirm that no fishing took place outside of this open area?

Were there any at-sea observers present for the fishery? If so, how many, and were they there for all fishing or just select sets?

Was there a charter patrol officer present during the entire fishery?

What quota was given to industry and how was it allocated to individual boats?

Were there any other reasons, besides the one you mention below, for DFO shutting down the fishery?

kind regards,

Aaron

Aaron Hill
Watershed Watch Salmon Society
250-380-1176 (office)
250-818-0054 (cell)

On Aug 26, 2015, at 11:30 AM, Mueller, Barbara <Barbara.Mueller@dfo-mpo.gc.ca> wrote:

Good Morning Aaron,
Thanks for your email.

On August 12, 2015, Fisheries and Oceans Canada (DFO) closed the small-scale commercial pink salmon fishery in Howe Sound that opened on Monday, August 10. DFO was not yet seeing the abundance of fish that were anticipated for that time, therefore it was prudent to stop fishing and allow for more fish to move into the river.

We do not have any information to support the allegations outlined in your email below. Please be advised that the Observe, Record and Report (ORR) contact number is 1-800-465-4336 or in Greater Vancouver 604-607-4186. Additional information on reporting violations is available on the DFO website: http://www.pac.dfo-mpo.gc.ca/fm­-gp/rec/points/ORR-ONS-eng.html

Regards,
Barbara Mueller
Fisheries and Oceans Canada
Resource Manager, Lower Fraser Area
Tel.: 604.666.2370
Fax: 604.666.7112
Email: barbara.mueller@dfo-mpo.gc.ca

From: Aaron Hill [mailto:aaron@watershedwatch.ca]
Sent: 2015-August-26 11:08 AM
To: Sneddon, Debra; Mueller, Barbara
Cc: Greg Taylor; Stan Proboszcz
Subject: Re: Howe Sound pink fishery

I haven’t heard a response to this inquiry from one week ago. Please do respond ASAP.

Aaron

On Aug 18, 2015, at 5:25 PM, Aaron Hill <aaron@watershedwatch.ca> wrote:

Hi Deborah and Barbara,

I'm not sure if you are the right people to address this inquiry to. If not, please forward as appropriate.

We received a call today from a concerned citizen regarding the recent Howe Sound seine fishery. This person alleged that at least one of the two vessels was setting in at least one closed area, and that there were no enforcement officers present. There were also concerns raised about the fact that the fishery was even opened at all, given a low abundance of pinks this year. I see that the fishery was closed well before the end of the 5 day opening, which seems like an appropriate management response if the above allegations are correct and/or the abundance was in fact quite low.
Can you speak to these allegations and explain what happened, and why the fishery was closed early?

Thanks very much,

Aaron

Aaron Hill
Watershed Watch Salmon Society
250-380-1176 (office)
250-818-0054 (cell)

On Jun 4, 2014, at 2:47 PM, Sneddon, Debra <Debra.Sneddon@dfo-mpo.gc.ca> wrote:

I am out of the office with NO access to email. For urgent inquiries please contact the following:

- Terry Charron, 604-666-8614
- Brigid Payne, 604-666-6512
Hi Jennifer,

You indicated earlier this week that you would be getting further updates and then "we would talk about future opportunities" - just wondering how things are progressing and when we might be having that chat.

Regards,

Chris

On 8/20/2015 5:31 PM, Nener, Jennifer wrote:

Hi Chris and Rob,

Apologies for being later than planned – just got off last call for the day. Here is the summary as per earlier commitment, and we expect to receive regular updates as things change. Still need to have discussion around what would result in initiation of a limited fishery but at least you have a summary of our understanding of the status in the system. Will follow up on this question tomorrow. Thanks,

Jennifer.
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<thead>
<tr>
<th></th>
<th>2013</th>
<th>2015</th>
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<tbody>
<tr>
<td><strong>Fry count</strong></td>
<td>29M</td>
<td>25M</td>
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<td>PSC Test Fishery - Canada South Coast contribution thru JS</td>
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<tr>
<td>Aug-02</td>
<td></td>
<td>86%</td>
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<tr>
<td>Aug-06</td>
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<td>59%</td>
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<td>Aug-13</td>
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<td>Aug-16</td>
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<td>71%</td>
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<tr>
<td>Aug-20</td>
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<td>63%</td>
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<tr>
<td><strong>Fishery Observations</strong></td>
<td></td>
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<tr>
<td>Furry Creek</td>
<td>mid-Aug</td>
<td>fishery still going strong</td>
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<td>Mamquam River</td>
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<td>Cheakamus River</td>
<td></td>
<td>pinks right up to the canyon,</td>
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<td>Ashlu</td>
<td>mid-Aug</td>
<td>well above the Cheekeye</td>
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<td>DFO Community Advisor</td>
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<tr>
<td>Tenderfoot Hatchery Staff</td>
<td>Aug-15</td>
<td>Cheakamus fully saturated</td>
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<tr>
<td>C&amp;P Officers</td>
<td>mid-Aug</td>
<td>all fully saturated</td>
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<tr>
<td>John Wright (SFAC Chair, ex PSC employee from the 70's)</td>
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<td>on par with largest return ever</td>
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<td>from 1963 of 1M</td>
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<tr>
<td>SFAC alternate chair</td>
<td></td>
<td>all side channels fully saturated</td>
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<tr>
<td>Squamish Nation (Cheakamus, Mamquam, Ashlu)</td>
<td>Aug-10</td>
<td>all fully saturated</td>
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<tr>
<td>Squamish Streamkeepers</td>
<td>Aug-24</td>
<td>all fully saturated</td>
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</table>
Hodgkins, Vanessa

From: Nener, Jennifer
Sent: August-28-15 12:38 PM
To: Sneddon, Debra
Cc: Mueller, Barbara; XPAC FM Regulations Unit; XPAC Ops Centre Fishery Pacific; Adams, Devona
Subject: Approved. Thank you.

From: Sneddon, Debra
Sent: 2015-August-27 11:41 AM
To: Nener, Jennifer
Cc: Mueller, Barbara; XPAC FM Regulations Unit; XPAC Ops Centre Fishery Pacific; Adams, Devona
Subject: Action req'd: Squamish pink

Jennifer, we've had a recommendation from s.20(1)(c) to close the remaining part of the Squamish watershed to pink retention effective the day after Labour Day. That date is the normal close time for this due to the commencement of spawning behaviour. We didn't announce an end date to the fishery when we opened it as we assumed the larger expected abundance might delay spawning however we haven't seen that. Accordingly we'd like to close the retention fishery for Sept 8th. Here are the VO & FN. Suggest the FN should be released next week, closer to the effective date.

Please review and advise if you agree. Thanks

Debra Sneddon
Program Coordinator, Lower Fraser Area
604-666-6509