

2017 Cost Recovery & Broodstock Planning

NSRAA needs to raise about \$2.0 million from chum cost recovery at Deep Inlet this season. Depending on run timing, run size & fish behavior, a good portion of the harvest may take place outside of the THA. We'll attempt to harvest fish outside the THA as much as possible to reduce any closure time and maximize commercial opportunity.

The map on page 3 shows our SHAs (Cost Recovery fishing areas) with dates open. Fishing area is restricted from July 22 – to the day before coho re-opens for trollers (or Aug 20 if no closure) to allow troll fishing in outer Eastern Channel.

Some fish may be harvested in June from the earlier Hidden Falls stock run if the opportunity presents itself. Given the size of the goal, its likely that there will be a closure sometime in mid-August.

The schedule on page 4 shows a possible harvest scenario . The number of cost recovery fish shown there should be considered a placeholder, as the actual number won't be known until we go through the bidding process.

In addition to cost recovery, 90,000 chum are needed for broodstock for Bear Cove, Deep Inlet and Crawfish Inlet releases. In some years, insufficient numbers of fish return to Bear Cove, necessitating a closure to capture broodstock.

If a closure is needed for cost recovery and/or broodstock collection, the most likely timing is sometime during weeks 32-34 (Aug 6-26).



2017 Cost Recovery & Broodstock Re-opening Plan in the event of a closure in Deep Inlet THA

- Broodstock Goal: 90,000
- Re-opening plan if a Deep Inlet closure for CR and / or broodstock is needed:
 - Re-open with a single troll day – the first day upon re-opening
 - NSRAA board decided NOT to allow the Troll day while CR is still in progress (Spring 2014).
 - Minimum of 24 hr. notice; preferably 48 hrs.
 - We will attempt to close after a gillnet day, reopen (after troll) with a seine day, adjusting schedule as needed to maintain a 2:1 ratio for the season.



Cost Recovery Fishing Areas

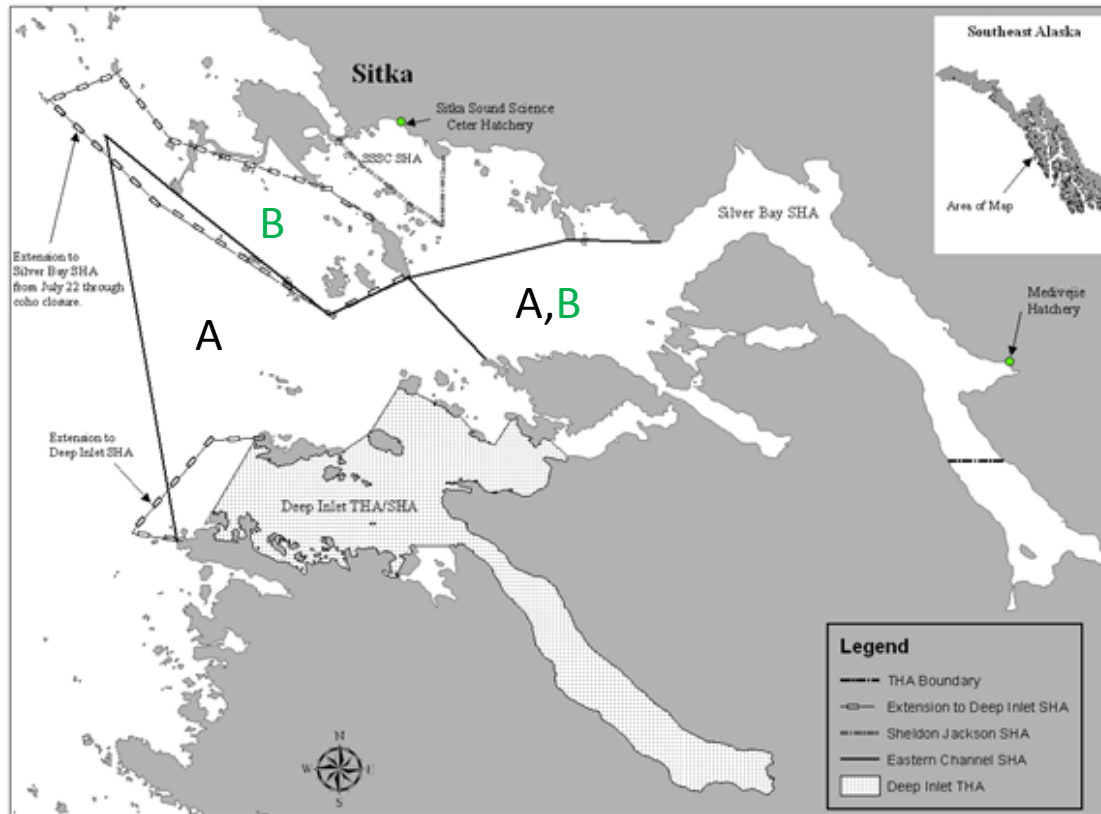


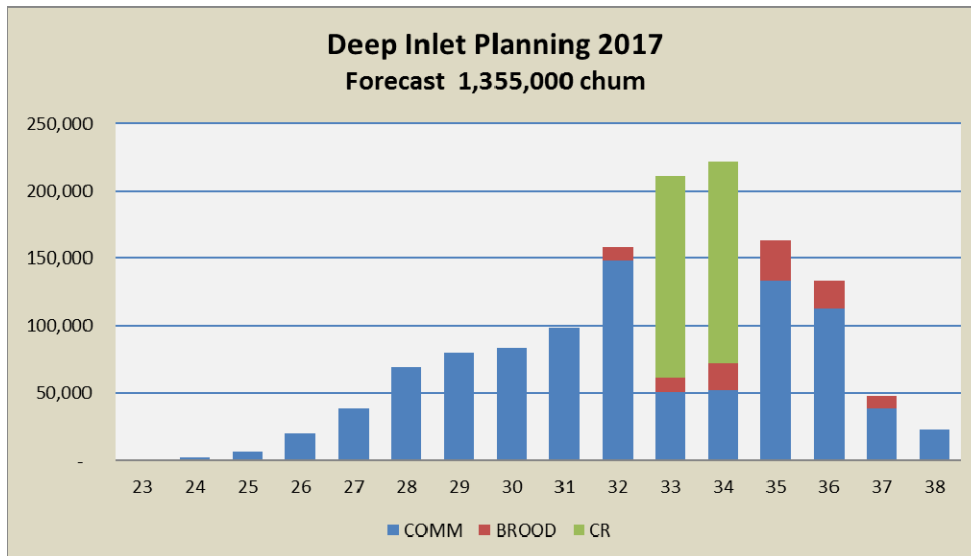
Figure 2. Silver Bay/Eastern Channel SHA and Deep Inlet SHA/THA for chum salmon (5 AAC 40.042(6) and (7), and 5 AAC 33.376(b)).

A — open July 1-21 (closes 12:01am on July 22)

B — open July 22 until day before coho fishing re-opens in Aug OR 12:01am Aug 20 if no coho closure

A — re-opens 12:01 am day before coho fishing re-opens in Aug OR 12:01am Aug 20 if no coho closure through Sept 15

2017 Deep Inlet Cost Recovery



| Week End Date | WEEK | COMM | BROOD | CR | TOTAL |
|---------------|------|---------|---------|---------|-----------|
| 6/10/2017 | 23 | - | | | - |
| 6/17/2017 | 24 | 2,000 | | | 2,000 |
| 6/24/2017 | 25 | 6,000 | | | 6,000 |
| 7/1/2017 | 26 | 20,000 | | | 20,000 |
| 7/8/2017 | 27 | 38,000 | | | 38,000 |
| 7/15/2017 | 28 | 69,000 | | | 69,000 |
| 7/22/2017 | 29 | 80,000 | | | 80,000 |
| 7/29/2017 | 30 | 84,000 | | | 84,000 |
| 8/5/2017 | 31 | 98,000 | | | 98,000 |
| 8/12/2017 | 32 | 148,000 | 10,000 | | 158,000 |
| 8/19/2017 | 33 | 51,000 | 10,000 | 150,000 | 211,000 |
| 8/26/2017 | 34 | 52,000 | 20,000 | 150,000 | 222,000 |
| 9/2/2017 | 35 | 133,000 | 30,000 | | 163,000 |
| 9/9/2017 | 36 | 113,000 | 20,000 | | 133,000 |
| 9/16/2017 | 37 | 38,000 | 10,000 | | 48,000 |
| 9/23/2017 | 38 | 23,000 | | | 23,000 |
| | | 955,000 | 100,000 | 300,000 | 1,355,000 |

A closure of Deep Inlet THA for Cost Recovery will almost certainly be required this season, depending on run size and availability of cost recovery fish outside the THA. This chart shows possible timing for the closure. Actual timing may be earlier or later.