# T'aaq-wiihak Fishery Indicators





INFORMATION ABOUT HOW THE T'AAQ-WIIHAK FISHERIES ARE REFLECTING NUU-CHAH-NULTH VISION, VALUES, AND PRIORITIES

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# T'aag-wiihak Implementing Nuu-chah-nulth Fishing Rights









### **BACKGROUND OF THE T'AAQ-WIIHAK FISHERIES**

allocation and appropriate means of

implementation remain outstanding

between the Nations and the

Government of Canada.

In 2009, a BC Supreme Court decision affirmed that five Nuu-chah-nulth First Nations (Ahousaht, Ehattesaht/Chinehkint, Hesquiaht, Mowachaht/Muchalaht and Tla-o-qui-aht) have an Aboriginal right to fish and sell any species of fish (with the exception of geoduck) within their Ha-ha-houlthee (territories of the respective Ha'wiih of the Nations). The five First Nations implemented T'aaq-wiihak, meaning fishing with the permission of the Ha'wiih

(hereditary Chiefs). **L** Various matters such as priority, As a step towards implementing their rights-based fisheries, the Nations developed fishing and management

plans for most of the commercial species in their Ha-ha-houlthee (ocean and terminal suuhaa, cuwit, hinkuu?as, č'aap'i, mi\aat, puu?i, tuškuuh, rockfish, hasaamac, titimakai, ca?inwa and xusmit).

From 2012 to 2016, DFO authorized "demonstration" fisheries for ca?inwa (gooseneck barnacle), ocean suuhaa (chinook salmon; with limited authorized sale of by-catch), and more recently terminal suuhaa (Burman & Conuma Rivers). There

are significant differences between the fisheries authorized by DFO and the fisheries proposed by the Nations. The Ha'wiih do not consider the DFO "demonstration" fisheries as rights-based fisheries since they do not reflect the principles and objectives outlined in the Nations' fishing plans. In the interim, the Ha'wiih and Nations have accepted aspects of DFO's "demonstration" fishery offers in order to create opportunities, however limited, for their fishers, while

> continuing with negotiations for true rights-based fisheries.

Various matters such as priority, allocation and

appropriate means of implementation remain outstanding between the Nations and the Government of Canada. These matters are the subject of protracted negotiations and are now being considered through a supplemental legal action before the BC Supreme Court that commenced in March 2015, with proceedings culminating in October 2016. A judgment on this 'second phase' of the trial is anticipated sometime in late fall 2017.



### **T'AAQ-WIIHAK FISHERIES OBJECTIVES**

The long term objective for all T'aaq-wiihak Fisheries is to have sustainable fisheries that provide viable opportunities and help sustain the Nuu-chah-nulth fishing culture.

The primary objective for T'aaq-wiihak fisheries is to implement sustainable rights-based fisheries on fish populations with sufficient abundance for directed harvest while mitigating the harvest of other species that have conservation concerns given the following:

The recognition and priority of our Aboriginal right

The population of our Nations

Our population relative to the population of non-Nuu-chahnulth living in our Ha-houlthee

The growing interest among community members to participate in community-based fishing opportunities

The economic significance of fishing opportunities to our people, who have limited incomes and employment opportunities

### PURPOSE OF THE T'AAQ-WIIHAK FISHERIES INDICATORS

Nuu-chah-nulth communities have outlined goals, objectives, and priorities for the T'aaq-wiihak fisheries. By tracking fishery indicators we can determine whether the fisheries are heading in the direction we want over time.

The Ha'wiih of the five Nations have agreed that using indicators is an important approach to sustainably manage the Ha-houlthee, consistent with Nuu-chah-nulth knowledge and values.

A set of indicators were developed and reviewed at a T'aaq-wiihak meeting based on the following criteria:

Relevant and useful to decision-making

**Easy to interpret** 

Sensitive to change

Feasible and cost-effective to measure

**Easily communicated** 

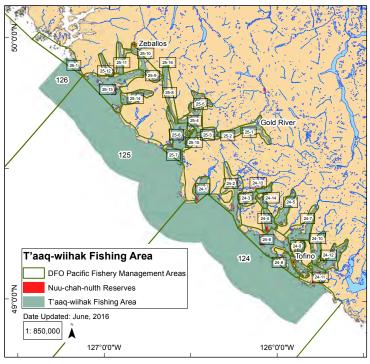
The Indicators summarize the information about the fisheries from a variety of sources, including:

- Fisheries data (landing logs, fishing logs, fisher and vessel applications, fishery licenses, and reports)
- Communication with fishers, managers, staff, buyers, and contractors
- Surveys distributed among T'aaq-wiihak fishers





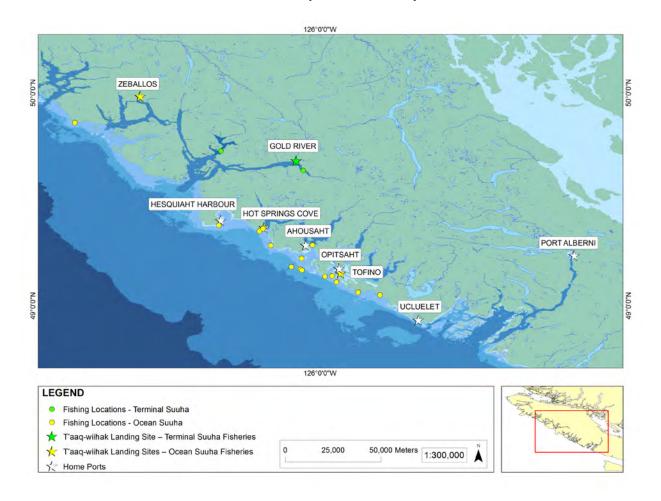
The T'aaq-wiihak Fishing Area (TFA) was defined by the courts as extending from a southern boundary at the south end of Long Beach (in Tla-o-qui-aht territory) to a northern boundary line from Mushroom Point to Grassy Island (in Ehatessaht/Chinehkint Territory). The TFA falls within portions of DFO Pacific Fishery Management Areas (PFMA's): 24, 124, 25, 125, and a small portion of 26 and 126.



### **T'AAQ-WIIHAK FISHING LOCATIONS & LANDING SITES**

Designated landing sites include the following:

# Gold River (Boat Launch) • Tofino (4th Street Dock & Lions Gate) Zeballos (Mid Island Ice)





There are still significant differences between the T'aaq-wiihak demonstration fisheries implemented and authorized by DFO and the fisheries proposed by the Nations in line with their proven Aboriginal right and their preferred means of exercising those rights. These differences, and the lack of willingness on the part of DFO to meaningfully discuss and address these differences, continue to frustrate the Nations and their fishers.





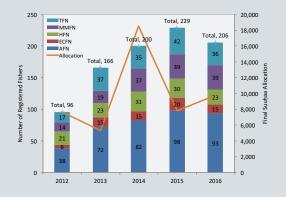


# Ocean Suuḥaa Demonstration Fishery



### **Registered Fishers**

Number of fishers who registered for T'aaq-wiihak



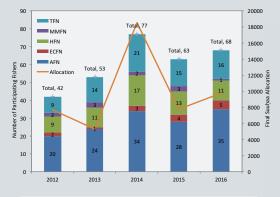
Percent of Registered T'aaq-wiihak Fishers participating in the Ocean Suuḥaa Fishery

| YEAR | % PARTICIPATING |
|------|-----------------|
| 2012 | 44%             |
| 2013 | 32%             |
| 2014 | 39%             |
| 2015 | 28%             |
| 2016 | 33%             |

### **Participating Fishers**

 $\textbf{Number of T'aaq-wiihak Fishers participating in the Ocean Suu\`{h}aa Fishery by landing fish}$ 

Deckhands not landing fish are not included in this count



A number of fishers participated as deckhands, but did not actually land fish. Estimates for these numbers by year are:

> 2015 **55** DECKHANDS

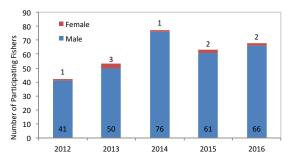
2016 **45** DECKHANDS

No estimates are available for earlier years





### Number of Male and Female T'aaq-wiihak Fishers Participating by landing fish in the Ocean Suuḥaa Fishery



Ages do not incorporate fishers participating as deckhands, that were often younger than their skipper landing the fish

| YEAR        | 2012  | 2013  | 2014  | 2015  | 2016  |  |
|-------------|-------|-------|-------|-------|-------|--|
| AVERAGE AGE | 48    | 43    | 47    | 47    | 49    |  |
| AGE RANGE   | 21-73 | 12-62 | 17-78 | 16-75 | 16-79 |  |

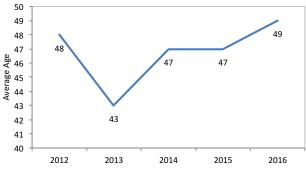
There are more females participating in T'aaq-wiihak fisheries, but they are participating as deckhands rather than the skipper landing fish.

**AN ESTIMATED** 

5-10

**FEMALE DECKHANDS PARTICIPATED IN 2016** 

## Average age of Fishers participating in the Suuḥaa Fishery by landing fish



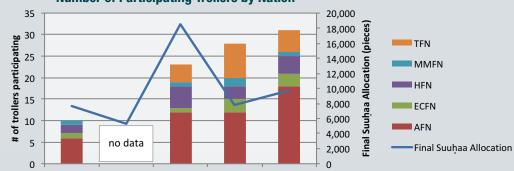
### **Troller Fleet Dynamics**

### Number of Trollers Registered (and participating) by Nation

| Nation           | 2012         | 2013    | 2014    | 2015    | 2016    |
|------------------|--------------|---------|---------|---------|---------|
| AFN              | unknown (6)  | unknown | 13 (12) | 13 (12) | 20 (18) |
| ECFN             | unknown (1)  | unknown | 1 (1)   | 4 (3)   | 3 (3)   |
| HFN              | unknown (2)  | unknown | 5 (5)   | 4 (3)   | 5 (4)   |
| MMFN             | unknown (1)  | unknown | 1 (1)   | 2 (2)   | 2 (1)   |
| TFN              | unknown (0)  | unknown | 6 (4)   | 9 (8)   | 6 (5)   |
| Total            | unknown (10) | unknown | 26 (23) | 32 (28) | 36 (31) |
| Final Allocation | 7,654        | 5,300   | 18,523  | 7,767   | 9,788   |

Note: in 2016, 2 AFN trollers were fished by TFN fishers during some openings

### **Number of Participating Trollers by Nation**







### Mosquito Vessels Registered - all Salmon fisheries

| Nation           | 2012         | 2013    | 2014     | 2015    | 2016    |
|------------------|--------------|---------|----------|---------|---------|
| AFN              | unknown (14) | unknown | 54 (22)  | 44 (15) | 39 (15) |
| ECFN             | unknown (1)  | unknown | 5 (0)    | 4 (1)   | 3 (2)   |
| HFN              | unknown (7)  | unknown | 19 (11)  | 11 (9)  | 10 (8)  |
| MMFN             | unknown (3)  | unknown | 23 (1)   | 12 (1)  | 17 (0)  |
| TFN              | unknown (9)  | unknown | 23 (13)  | 16 (6)  | 15 (8)  |
| Total            | unknown (34) | unknown | 124 (47) | 87 (39) | 84 (33) |
| Final Allocation | 7,654        | 5,300   | 18,523   | 7,767   | 9,788   |

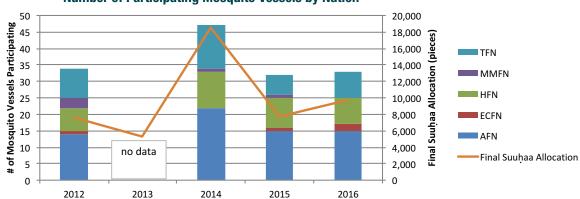
Note: during 2014-2016, only 1 MMFN mosquito registered for the ocean suuhaa fishery. All other MMFN mosquito vessel registrations were for the MMFN terminal Suuhaa Fisheries.

### **Number of Participating Mosquito Vessels by Nation**

2014

2012

2013



2016

### **Fishery Opening Timelines**

### DAYS THE OCEAN SUUḤAA FISHERY WAS OPEN

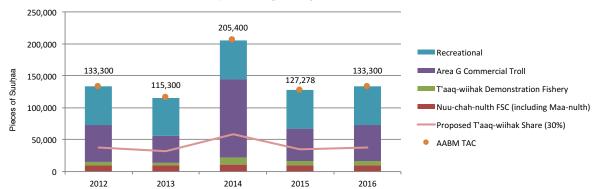
|      |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     | April |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
|------|---|---|---|---|---|---|---|---|---|----|-----|----|----|----|-----|-------|----|----|----|----|-----|----|----|----|----|----|----|----|----|-----|----|
|      | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11  | 12 | 13 | 14 |     | -     | 17 | 18 | 19 | 20 | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |    |
| 2012 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2013 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    | _   |    |
| 2014 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    | _   |    |
| 2015 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    | _   |    |
| 2016 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    | _   |    |
| 2010 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     | May   |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
|      | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ٥ | 10 | 11  | 12 | 12 | 14 |     | -     | 17 | 10 | 10 | 20 | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 20 | 29 | 30  | 31 |
| 2012 | - | - | 3 | - | - | ٠ |   |   | 9 | 10 | -11 | 12 | 13 | 14 | 13  | 10    |    | 10 | 19 | 20 | -21 | 22 | 23 | 24 | 23 | 20 |    | 20 | 23 | 30  | 31 |
| 2012 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2013 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2014 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2015 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2010 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
|      | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | c | 10 | 11  | 12 | 12 | 10 |     | June  | 17 | 10 | 10 | 20 | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |    |
| 2012 | 1 | 2 | 3 | 4 | 5 | ь | ′ | 8 | 9 | 10 | 11  | 12 | 13 | 14 | 15  | 10    | 1/ | 18 | 19 | 20 | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |    |
|      |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    | _ \ |    |
| 2013 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2014 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2015 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2016 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     | \  |
|      |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     | July  |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
|      | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11  | 12 | 13 | 14 | 15  | 16    | 17 | 18 | 19 | 20 | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  | 31 |
| 2012 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2013 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2014 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2015 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2016 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
|      |   |   |   |   |   |   |   |   |   |    |     |    |    |    | Α   | ugust |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
|      | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11  | 12 | 13 | 14 | 15  | 16    | 17 | 18 | 19 | 20 | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  | 31 |
| 2012 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2013 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2014 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2015 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2016 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
|      |   |   |   |   |   |   |   |   |   |    |     |    |    |    | Sen | temb  | er |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
|      | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |   | 10 | 11  | 12 | 12 | 10 |     |       |    | 10 | 10 | 20 | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |    |
| 2012 | 1 |   | 3 | 4 | 5 | В | - | 8 | 9 | 10 | 11  | 12 | 13 | 14 | 15  | 16    | 1/ | 18 | 19 | 20 | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |    |
| 2012 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    | _   |    |
| 2013 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2014 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     | )  |
|      |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |
| 2016 |   |   |   |   |   |   |   |   |   |    |     |    |    |    |     |       |    |    |    |    |     |    |    |    |    |    |    |    |    |     | /  |



| YEAR | # OF DAYS FISHERY WAS OPEN |
|------|----------------------------|
| 2012 | 57                         |
| 2013 | 54                         |
| 2014 | 98                         |
| 2015 | 19                         |
| 2016 | 45                         |

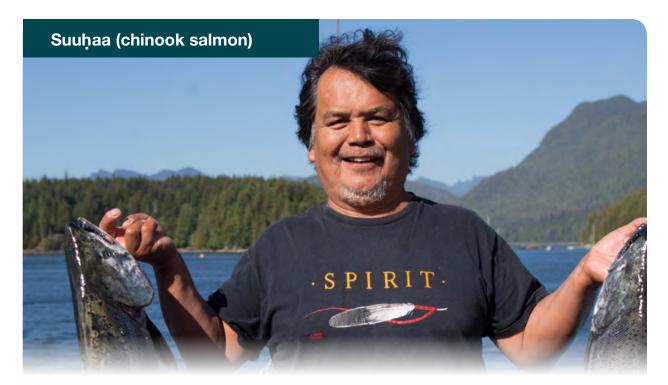
### Suuḥaa (chinook salmon)

### **Allocation by Sector (pieces)**

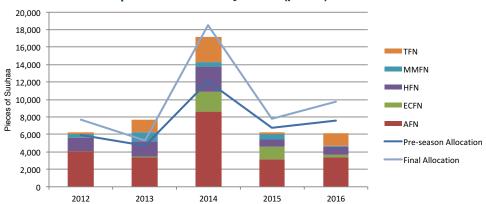


| Sector  | 2012    | 2013    | 2014    | 2015    | 2016    |
|---|---------|---------|---------|---------|---------|
| Nuu-chah-nulth FSC (including Maa-nulth)                          | 9,248   | 8,927   | 10,531  | 9,141   | 9,248   |
| T'aaq-wiihak Demonstration Fishery                                | 5,900   | 4,704   | 12,084  | 6,783   | 7,558   |
| Area G Commercial Troll   | 58,152  | 41,669  | 122,785 | 51,354  | 56,494  |
| Recreational  | 60,000  | 60,000  | 60,000  | 60,000  | 60,000  |
| AABM TAC  | 133,300 | 115,300 | 205,400 | 127,278 | 133,300 |
| Proposed T'aaq-wiihak Share (30% of TAC net of FSC and Maa-nulth) | 37,215  | 31,912  | 58,461  | 35,441  | 37,215  |





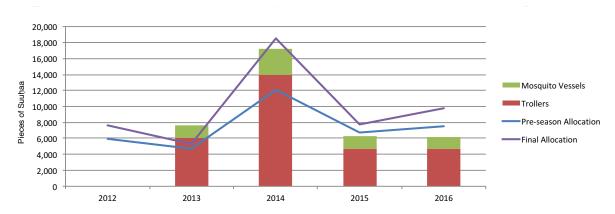
### Suuḥaa Catch for sale by Nation (pieces)

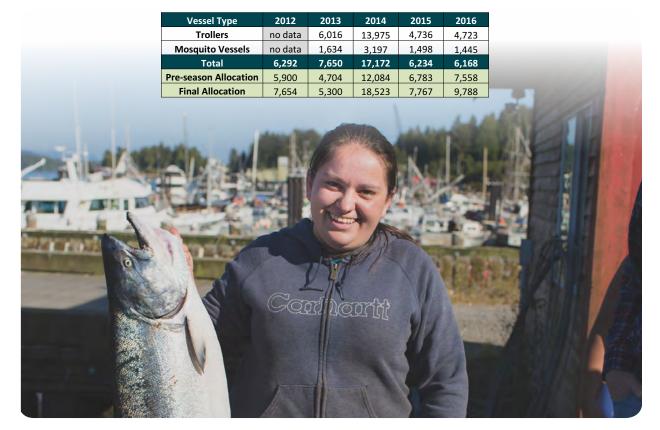


| Nation                | 2012  | 2013  | 2014   | 2015  | 2016  |
|-----------------------|-------|-------|--------|-------|-------|
| AFN                   | 4,066 | 3,339 | 8,653  | 3,105 | 3,337 |
| ECFN                  | 15    | 88    | 2,227  | 1,444 | 375   |
| HFN                   | 1,587 | 1,825 | 2,904  | 885   | 922   |
| MMFN                  | 361   | 946   | 553    | 599   | 43    |
| TFN                   | 263   | 1,452 | 2,835  | 201   | 1,491 |
| Total                 | 6,292 | 7,650 | 17,172 | 6,234 | 6,168 |
| Pre-season Allocation | 5,900 | 4,704 | 12,084 | 6,783 | 7,558 |
| Final Allocation      | 7,654 | 5,300 | 18,523 | 7,767 | 9,788 |

### Suuḥaa (chinook salmon)

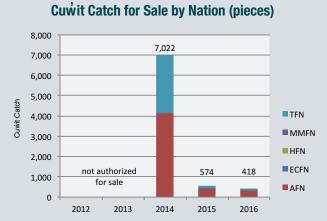
### Suuḥaa Catch for Sale by Vessel Type (pieces)







During 2014 to 2016, Cuwit was authorized for sale between Sept 15-30.



Cuwit is not currently managed by DFO with a TAC or sector allocations. The T'aaq-wiihak Nations have proposed a 50% share of ocean cuwit, pending the development of a TAC.

| Nation | 2012 | 2013 | 2014  | 2015 | 2016 |  |
|--------|------|------|-------|------|------|--|
| AFN    | n/a  | n/a  | 4,133 | 360  | 342  |  |
| ECFN   | n/a  | n/a  | -     | 1    | 2    |  |
| HFN    | n/a  | n/a  | 1     | 2    | 8    |  |
| MMFN   | n/a  | n/a  | 47    | 109  | -    |  |
| TFN    | n/a  | n/a  | 2,841 | 103  | 66   |  |
| Total  | n/a  | n/a  | 7,022 | 574  | 418  |  |

n/a = not authorized for sale

### Cuwit (Coho)

### **Cuwit Catch for Sale by Vessel Type (pieces)**

| Nation           | 2012 | 2013 | 2014  | 2015 | 2016 |
|------------------|------|------|-------|------|------|
| Trollers         | n/a  | n/a  | 6,911 | 563  | 365  |
| Mosquito Vessels | n/a  | n/a  | 111   | 11   | 53   |
| Total            | n/a  | n/a  | 7,022 | 574  | 418  |

n/a = not authorized for sale

The T'aaq-wiihak Proposed Allocation for cuwit is

for of the annual allowable harvest for areas within the TFA (pending the development of a cuwit TAC).

**DFO** only allows cuwit to be sold as bycatch in the ocean suuhaa demonstration fishery. In 2016, only hatchery-marked cuwit could be sold



### Miîaat, Hinkuu?as, Č'aap'i (Sockeye, Chum, Pink)

### **Catch for Sale (pieces)**

| Species   | 2012 | 2013       | 2014       | 2015     | 2016      |
|-----------|------|------------|------------|----------|-----------|
| MiSaat    | n/a  | n/a        | 91 pieces  | n/a      | n/a       |
| Hinkuu?as | n/a  | 11 pieces  | 154 pieces | 0 pieces | 16 pieces |
| Č'aap'i   | n/a  | 161 pieces | 0 pieces   | 0 pieces | 0 pieces  |

n/a = not authorized for sale

### **Allocation**

DFO authorizes the sale of Mi\text{\text{aat}}, Hinkuu\text{\text{as}} and \text{\text{\text{Caap'i}}} as bycatch in the Ocean Suu\text{\text{haa}} a Demonstration Fishery. These species are not managed by an allocation in this fishery.

To date, Misaat (sockeye) has only been authorized for sale in 2014.





### Allocation

| Sector                             | Descriptor of Allocation                                      | Allocation (%)* |
|------------------------------------|---|-----------------|
| Coastwide Recreational TAC         | 15% of Coastwide TAC  | 15%             |
| Coastwide Commercial TAC           | 85% of Coastwide TAC minus T'aaq-wiihak Demonstration Fishery | 84.4%           |
| T'aaq-wiihak Demonstration Fishery | 0.746021% of Commercial Coastwide TAC                         | 0.6%            |
| T'aaq-wiihak Proposed Share        | 25% of the estimated TAC within the TFA**                     | ~11%            |

<sup>\*</sup>For simplicity, allocation percentages do not account for FSC or Maa-nulth domestic allocations. Allocation percentages have not changed since 2012.
\*\*DFO manages Puu?i at a coastwide level. For calculation purposes, a proportional TAC for the TFA is used based on the TFA consisting of 44% of the greater coast wide area.

2016 is the first year Puu?i (halibut) was allowed for sale in the Ocean Suuḥaa Fishery. In 2016, 9% of the Puu?i allocation provided by DFO was caught in the Ocean Suuḥaa Fishery and the remainder of each Nations' share of the allocation was caught in the regular commercial directed halibut fishery.

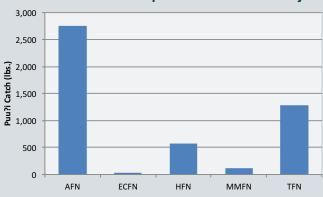
Puu?i catch was limited in the Ocean Suuḥaa Fishery by vessel caps imposed by DFO of:

PIECE
PER DAY
FOR VESSELS
UNDER 25'

PIECES
PER DAY
FOR VESSELS
OVER 25'

### , Puu?i (Halibut)

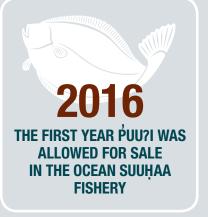
Puu?i Catch for Sale by Nation in the 2016 Suuḥaa Demonstration Fishery



Puu?i Catch for Sale by Vessel Type in the 2016 Suuḥaa Demonstration Fishery



| Nation | Pounds Sold |
|--------|-------------|
| AFN    | 2,753       |
| ECFN   | 27          |
| HFN    | 574         |
| MMFN   | 116         |
| TFN    | 1,284       |
| Total  | 4,753       |



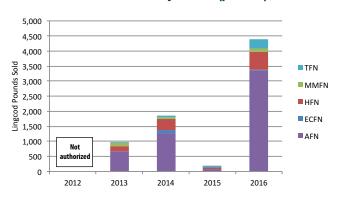
| Vessel Type      | Pounds sold |
|------------------|-------------|
| Trollers         | 3,165       |
| Mosquito Vessels | 1,588       |
| Total            | 4,753       |





### Tuškuuḥ (Lingcod) Catch

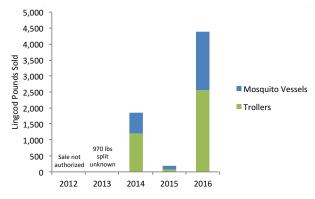
### **Catch for Sale by Nation (pounds)**



| Nation | 2012 | 2013    | 2014      | 2015    | 2016      |
|--------|------|---------|-----------|---------|-----------|
| AFN    | n/a  | 680 lbs | 1,267 lbs | 80 lbs  | 3,339 lbs |
| ECFN   | n/a  |         | 99 lbs    |         | 34 lbs    |
| HFN    | n/a  | 173 lbs | 369 lbs   | 56 lbs  | 597 lbs   |
| MMFN   | n/a  | 91 lbs  | 70 lbs    |         | 114 lbs   |
| TFN    | n/a  | 27 lbs  | 50 lbs    | 51 lbs  | 294 lbs   |
| Total  | n/a  | 970 lbs | 1,855 lbs | 187 lbs | 4,378 lbs |

n/a = not authorized for sale

### **Catch for Sale by Vessel Type (pounds)**



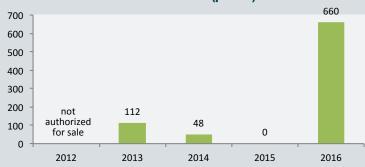
| Vessel Type      | 2012 | 2013    | 2014      | 2015    | 2016      |
|------------------|------|---------|-----------|---------|-----------|
| Trollers         | n/a  | unknown | 1,209 lbs | 71 lbs  | 2,549 lbs |
| Mosquito Vessels | n/a  | unknown | 646 lbs   | 117 lbs | 1,830 lbs |
| Total            | n/a  | 970 lbs | 1,855 lbs | 187 lbs | 4,378 lbs |

n/a = not authorized for sale



### **Rockfish**

### **Rockfish Catch Landed for Sale (pieces)**



| Rockfish     | 2012 | 2013    | 2014    | 2015 | 2016  |
|--------------|------|---------|---------|------|-------|
| Total Pieces | n/a  | 112     | 48      | 0    | 660   |
| Total Pounds | n/a  | unknown | unknown | 0    | 2,650 |

n/a: not authorized for sale in 2012.



Rockfish allocations exist to account for the bycatch associated with a directed suuḥaa fishery. There are allocations in place only for certain "quota" species including: canary, silvergray, yelloweye, quillback, copper, china, tiger, rougheye, shortraker, shortspine thornyheads and redbanded rockfish.



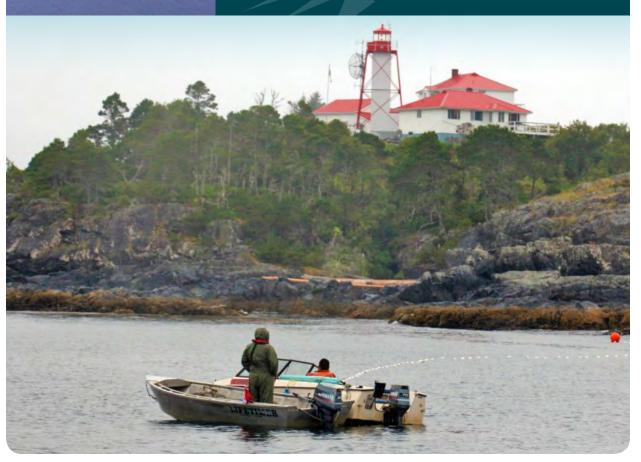
### **Gross Revenues by Species**

| Species   | 2012                | 2013                | 2014                | 2015                | 2016      |
|-----------|---------------------|---------------------|---------------------|---------------------|-----------|
| Suuḥaa    | \$250,000           | \$509,000           | \$688,000           | \$399,000           | \$652,000 |
| Cuwit     | sale not authorized | sale not authorized | \$81,000            | \$7,000             | \$2,000   |
| MiSaat    | sale not authorized | sale not authorized | \$1,000             | n/a                 | no sales  |
| Hinkuu?as | sale not authorized | < \$1,000           | \$1,000             | no sales            | < \$1,000 |
| Č'aap'i   | sale not authorized | < \$1,000           | no sales            | no sales            | no sales  |
| Puu?i     | sale not authorized | sale not authorized | sale not authorized | sale not authorized | \$41,000  |
| Tuškuuḥ   | sale not authorized | \$2,000             | \$3,000             | < \$1,000           | \$13,000  |
| Rockfish  | sale not authorized | < \$1,000           | < \$1,000           | no sales            | \$3,000   |
| Total     | \$250,000           | \$511,000           | \$775,000           | \$406,000           | \$711,000 |



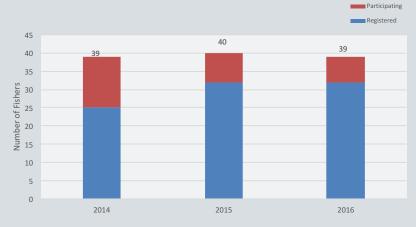


# MMFN Terminal Suuḥaa Fisheries



# Registered & Participating Fishers, and Demographics

Number of MMFN fishers registered and participating in the MMFN terminal suuḥaa fisheries (Burman & Conuma)

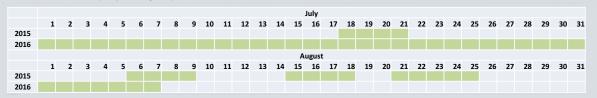


| Fishers | Registered | Participating | Women Participating |
|---------|------------|---------------|---------------------|
| 2014    | 39         | 14            | 3                   |
| 2015    | 40         | 8             | 0                   |
| 2016    | 39         | 7             | 1                   |

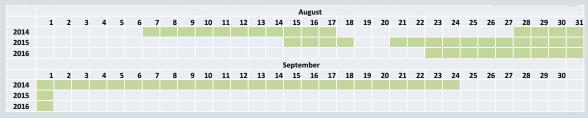




### **Conuma Fishery Openings by Year**



### **Burman Fishery Openings by Year**



### Number of Days the Terminal Suuhaa Fishery (Conuma & Burman) was Open Each Year

| Year | Conuma     | Burman  |
|------|------------|---------|
| 2014 | no fishery | 39 days |
| 2015 | 17 days    | 16 days |
| 2016 | 38 days    | 10 days |

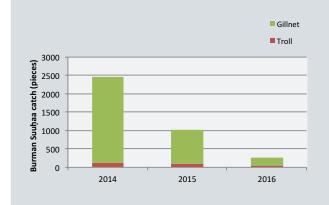
## Conuma Suuḥaa Catch Landed for Sale by Gear Type





| Gear Type | 2015 | 2016 |
|-----------|------|------|
| Troll     | 62   | 33   |
| Gillnet   | 0    | 30   |

# Burman Suuḥaa Catch Landed for Sale by Gear Type





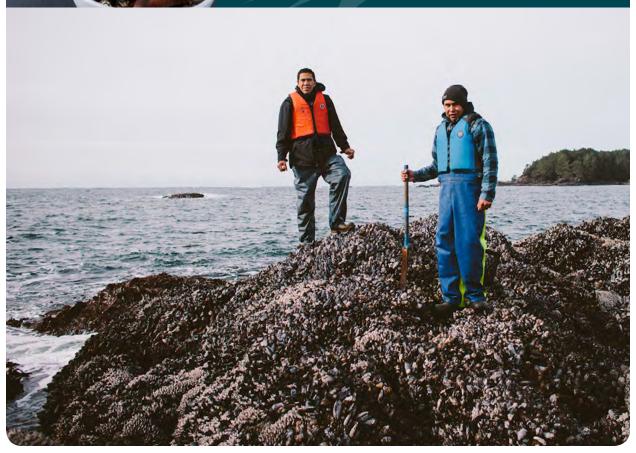
| Gear Type | 2014 | 2015 | 2016 |
|-----------|------|------|------|
| Troll     | 115  | 97   | 45   |
| Gillnet   | 2338 | 932  | 227  |

# Gross MMFN Terminal Suuḥaa Fisheries Revenue

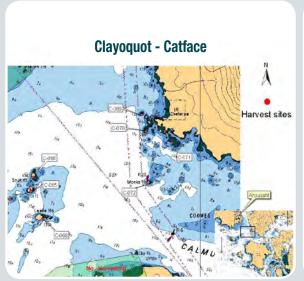
| Suuḥaa           | 2014     | 2015     | 2016     |
|------------------|----------|----------|----------|
| Burman           | \$52,000 | \$31,000 | \$12,000 |
| Conuma           | -        | \$3,000  | \$2,000  |
| Combined Revenue | \$52,000 | \$34,000 | \$14,000 |

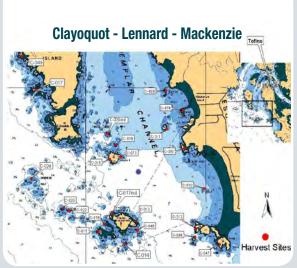


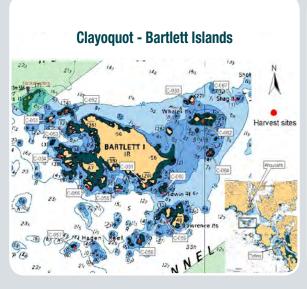
# **Ca?inwa Fishery**

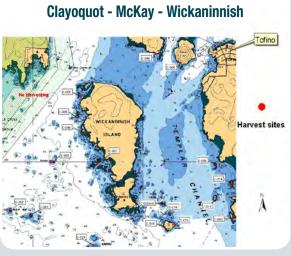


### **Carinwa Harvest Rocks**









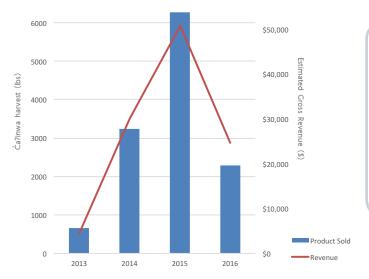


Number of Harvesters Participating in the Ca?inwa Fishery by Year

|                           | 2013  | 2014  | 2015  | 2016  |
|---------------------------|-------|-------|-------|-------|
| Number of Harvesters      | 4     | 6     | 3     | 2     |
| Average Age of Harvesters | 44    | 42    | 41    | 49    |
| Age Range of Harvesters   | 33-51 | 31-50 | 30-51 | 36-67 |

To date, the Ca?inwa fishery is male dominated fishery. However, some harvesters work in partnership with a spouse who cleans the barnacles in preparation for sale.

### . Ca?inwa Harvest



# DFO Ca?inwa harvest allocation

is 12,000 lbs/year, actual harvest is lower due to limited market and a limited number of harvesters.

| Harvest                           | 2013       | 2014     | 2015     | 2016     |
|-----------------------------------|------------|----------|----------|----------|
| Product Sold (lbs)                | 658.6      | 3229.1   | 6279.3   | 2295.5   |
| Estimated Gross Revenue* (CAD \$) | \$4,400.00 | \$30,000 | \$51,000 | \$25,000 |

\*when received weight was not available it was estimated based on average loss between landed weights and received weights in 2015.

### TRAINING AND CERTIFICATIONS

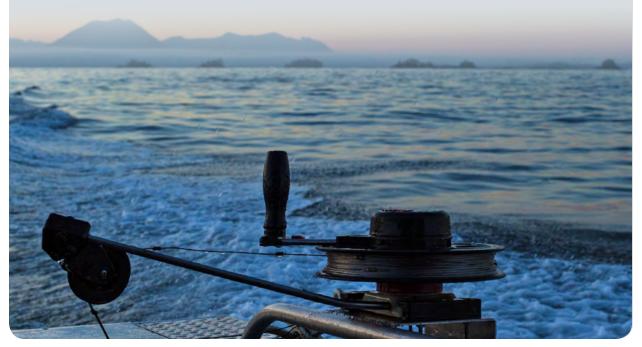
### **Training Opportunities**

| Training 2015<br>& 2016         | SVOP  | MED A3                                      | ROC-M   | MBFA             | Stability<br>(fortrollers)        | Stability<br>(for small<br>vessels) |
|---------------------------------|---|---|---|------------------|-----------------------------------|-------------------------------------|
| Number of<br>Courses<br>Offered | 9   | 5   | 8   | 3                | 3                                 | 2                                   |
| Locations*                      | Tofino (2)<br>Port Alberni (3)<br>Tsaxana (2)<br>Ehatis<br>Ucluelet | Tofino<br>Port Alberni<br>Tsaxana<br>Ehatis | Tofino (2)<br>Port Alberni (2)<br>Tsaxana (2)<br>Ehatis<br>Ucluelet | Port Alberni (3) | Tofino<br>Port Alberni<br>Tsaxana | Ehatis<br>Hot Springs Cove          |

<sup>\*</sup>Courses were led by Hayu and NETP and supported/promoted by Uu-a-thluk.

| COURSES:                                       |  |  |  |
|--|--|--|--|
| <b>SVOP:</b> Small Vessel Operator Proficiency | ROC-M: Restricted Operator<br>Certificate-Maritime |  |  |
| MED A3: Marine Emergency<br>Duties             | MBFA: Marine Basic First Aid                       |  |  |
| Stability: for trollers and for small vessels  |  |  |  |





### T'aaq-wiihak Fishery Buyers

### Ocean Suuḥaa

7 Seas (PASCO), Hub City, and Lions Gate are the main buyers

### da?inwa Buyers

Albion Seafoods, Organic Oceans, and Restaurants are the main buyers

# Burman & Conuma

100% of the near terminal Suuḥaa was bought by Pacific Point Foods Ltd.



II Buyers

Restaurants | Ice House | Jamie's Rainforest Inn Long Beach Lodge | Red Can Gourmet | Sea Shanty Schooner | Sobo | Tin Wis Resort | Wickaninnish Inn Wild Side Grill | Wolf in the Fog

**Fish Store** | The Fish Store | Trilogy Fish Store Fishful Thinking | West Pacific Seafoods

### T'AAQ-WIIHAK DEMONSTRATION FISHERIES ESTIMATED GROSS REVENUE

| Species                                 | 2012       | 2013       | 2014      | 2015      | 2016      |
|---|------------|------------|-----------|-----------|-----------|
| Ocean Suuḥaa                            | \$250,000  | \$511,000  | \$775,000 | \$406,000 | \$711,000 |
| Terminal Suuḥaa<br>(Burman<br>& Conuma) | no fishery | no fishery | \$52,000* | \$34,000  | \$14,000  |
| Ċa?inwa                                 | no fishery | \$4,000    | \$30,000  | \$51,000  | \$25,000  |
| Total                                   | \$250,000  | \$515,000  | \$857,000 | \$491,000 | \$750,000 |

<sup>\*</sup>Burman Suuḥaa Fishery only.

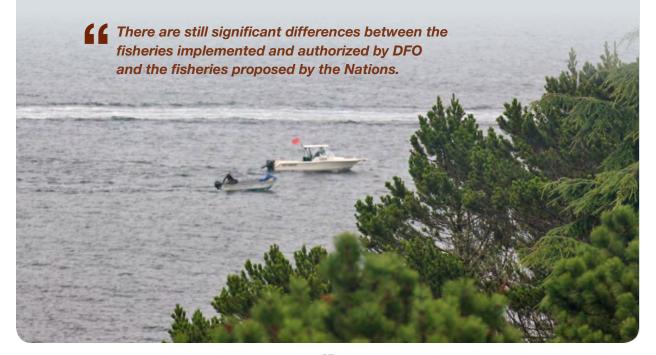
note: all values are rounded to the nearest thousand.

### 2016 T'AAQ-WIIHAK FISHERIES SUMMARY

In 2016, the ocean suuḥaa demonstration fishery (with the authorization to retain and sell limited amounts of various groundfish species) and two MMFN terminal suuḥaa fisheries in Nootka Sound (Burman & Conuma) were implemented along with the continuation of the carinwa (gooseneck barnacle) fishery. The new 'flexibility' provided by the DFO for the 2016 demonstration fishery was the provision to sell limited amounts of purity (halibut). Although the determination and implementation of these limits was contentious, the sale of halibut did increase the modest revenues of fishers.

There are still significant differences between the fisheries implemented and authorized by DFO and the fisheries proposed by the Nations. These differences, and the lack of willingness on the part of DFO to meaningfully discuss and address these differences, continue to frustrate the Nations and their fishers.

The relationship between DFO and the nations has been further eroded by a number of other on-going matters including: the justification trial; a lack of mandate on the part of DFO to implement most elements of the Nations' fishing plans;



### 2016 T'AAQ-WIIHAK FISHERIES SUMMARY CONTINUED

DFO's lack of willingness to collaboratively that the Nations would cover these costs develop conditions of license for the in addition to supporting the T'aag-wiihak Dockside Monitoring Program. The Ha'wiih fishery; the requirement from DFO for 100% third party monitoring (compared with and Nations reluctantly accepted DFO's the 20% audit style monitoring program proposed "demonstration" fisheries for in place for Area G) and the expectation a fifth year in order to create a limited opportunity for their fishers, and with the hope that incremental improvements including the ability to pilot T'aaq-wiihak management approaches in the fishery would be forthcoming from DFO. The results were mixed. New entrants joined the fishery, and interest in the fisheries continued to grow. Yet, frustrations on the lack of implementation of the proven rights reached a boiling point for many fishers that were unwilling to continue to accept the status quo/take-it-or-leave offers from DFO.

# **NOTES**

# **NOTES**





INFORMATION ABOUT HOW THE T'AAQ-WIIHAK FISHERIES ARE REFLECTING NUU-CHAH-NULTH VISION, VALUES, AND PRIORITIES