

Commercial & First Nations Inland Demonstration Fisheries

2010 Overview

For: IHPC
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Outline

- Overview information
 - Pacific Fishery Reform
 - Demonstration Fisheries
 - Salmon shares & inland transfers
- 2010 Demonstration Fisheries Review
- Share transfers – general description
 - Skeena Sockeye
 - Fraser Sockeye

Pacific Fishery Reform: Principles

- Conservation is first priority
- Consistent legal framework for all commercial fisheries
- Respect for Aboriginal & treaty rights of First Nations
- Stable resource access & allocation
- Fair transfer of economic fishing opportunities
- Everyone who fishes will have a greater role in decision making & program delivery, responsibility & accountability

Demonstration Fishery

General Guidelines

Projects must meet all of following:

- Maintains or improves management control and conservation performance in the fishery;
- Promotes the use of clearly defined shares to improve manageability and industry viability; and,
- Increases the ability of harvesters to work cooperatively to harvest available surpluses and to take on greater responsibility for control and monitoring of their fishery.

Projects will only occur when there is commercial allocation identified for the target stock or species.

Demo Fishery Approval Process

- Department sends out call for short statement of intent to develop demonstrations to First Nations and Area Harvest Committees (Feb)
- Project proponents asked for detailed proposals for projects meeting guidelines (March/April)
- Draft proposals included in draft #1 IFMP for discussion
- Additional details provided in draft #2
- Final projects approved in final IFMP

Salmon Shares Guidelines

- For commercial individual transferable share (ITQ) demos, every licence in fleet receives an equal fractional % share of the commercial TAC.
- Licence shares expressed as a fractional % share of the available TAC, and not a fixed number of salmon, to account for in season changes in run size and TAC.

Guidelines used for inland transfers

- all commercial shares expressed as a % of TAC (not fixed #) to account for changes to run size
- where the same stocks are being harvested by all commercial fisheries, shares are transferred inland on a one-to-one basis (e.g., Skeena & Nass)
- where a sub-set of stocks are being harvested by inland fisheries (e.g., Fraser), each commercial licence is treated like a portfolio of stocks with different stocks (e.g. Chilko vs Weaver) going to different inland groups.
 - stocks are not “convertible” e.g., X% of Chilko cannot be converted to Y% of Horsefly

Commercial Demonstration Fisheries Identified in 2010

- Area A – Skeena sockeye ITQ (area 4) not contemplated given poor expected return
- Area F – Full fleet ITQ fishery for Northern BC chinook
- Area B+H
 - Full fleet ITQ fishery for Fraser sockeye and pink salmon. Adjustable TAC based on in-season run size changes.
- Area H
 - JS chum Full fleet Individual transferable effort based fishery. Boat days assigned based on pre-season model.
- Area E
 - Fraser chinook pooled fishery

Mandatory landing and independent dockside monitoring for all fishery participants. Industry funded.

First Nations Demonstration Fisheries Identified in 2010

- Gitanyow Fisheries Authority
 - Nass sockeye fishery at Meziadin River vicinity
- Skeena Fisheries Commission
 - Skeena River sockeye and/or pink fishery in Skeena River
- Riverfresh Partnership
 - (Secwepemc Fisheries Commission (SFC), Esh-Kn-Am) – near terminal sockeye and chinook fisheries in Kamloops Lake, Siska Reserve and Thompson River at Martel
- UFFCA Partnership
 - (NSTC, TNG/Xeni Gwet'in) – near terminal sockeye fisheries in Quesnel River, Quesnel Lake, Chilko River and Chilko Lake.
- Chehalis and Scowlitz First Nations
 - Fraser sockeye and chum in Harrison River
- Okanagan Nation Alliance
 - Okanagan sockeye in Osoyoos Lake and Okanagan River

2010 Demo Fishery Catch: North Coast

Organization	Sockeye	Chinook
Area A ITQ Demo	did not proceed	
Area F ITQ Demo		90,213
Skeena Fisheries Commission	3,038	
Gitanyow Fisheries Authority	3,000	

2010 Demo Fishery Catch: South Coast

Organization	Fraser Sockeye	Chum	Chinook
Area B and Area H ITQ Demo			
Area B ITQ total catch	5,807,008		
Area H ITQ total catch	381,665		
Area H chum ITE (effort share)		258	
Area E Demo (chinook pooled fishery)			Did not proceed
Chehalis/Scowlitz Demo	11,298	Did not proceed	
Secwepemc Fisheries Commission/Esh-Kn-am	193,713		1,016
UFFC partnership (NSTC, TNG)	995		
	OK sockeye		
Okanagan Nation Alliance	1,067		
Total Fraser* catch	6,394,679	258	1,016
Okanagan SK catch	1,067		

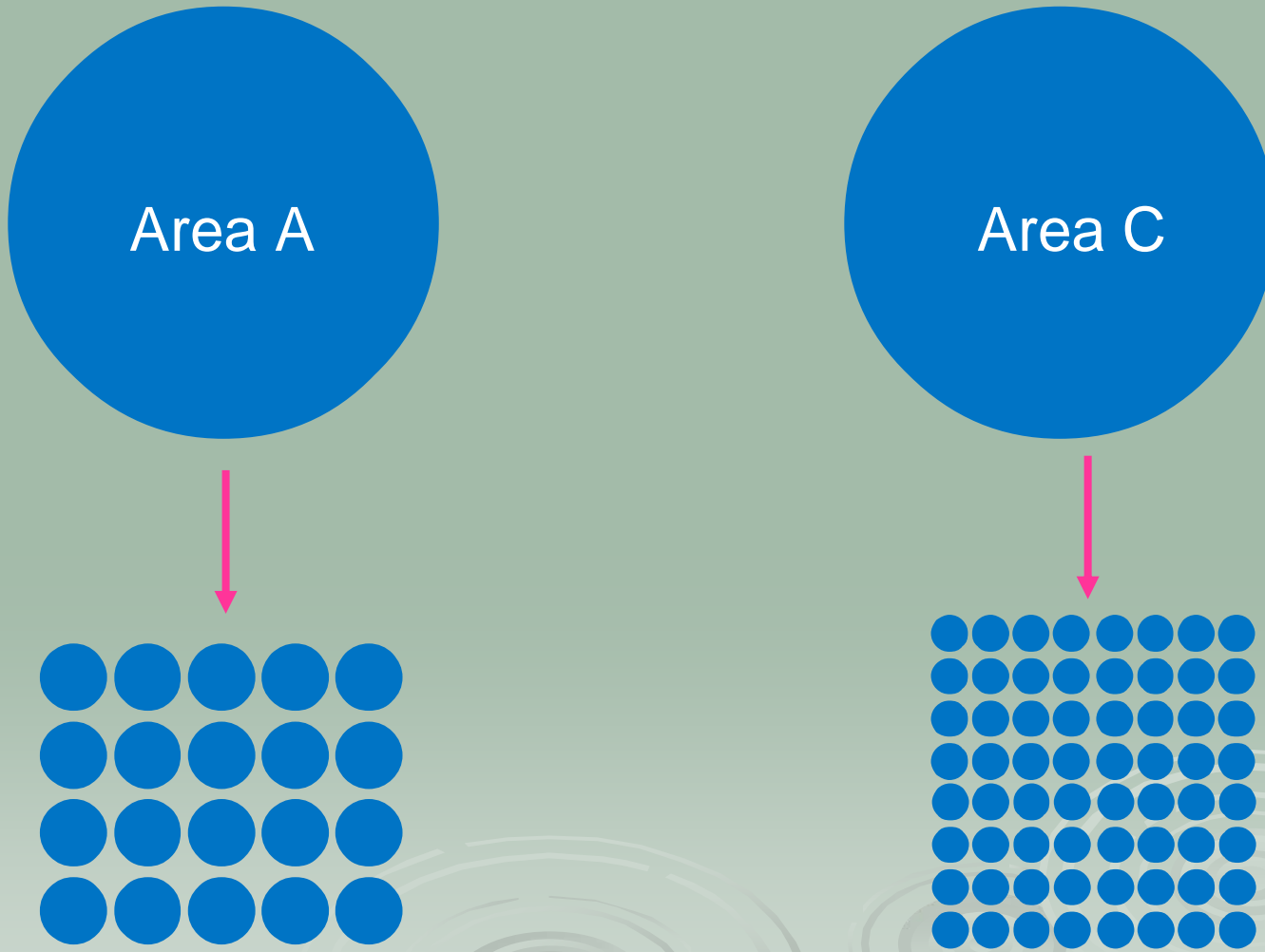
* Chum may not all be Fraser origin

Examples of Share Transfers

Skeena & Nass – General
Description

Skeena Commercial TAC

(not to scale)





Area A (not to scale!)
107 total licences
each licence:

$$1 / 107 = 0.9346\%$$

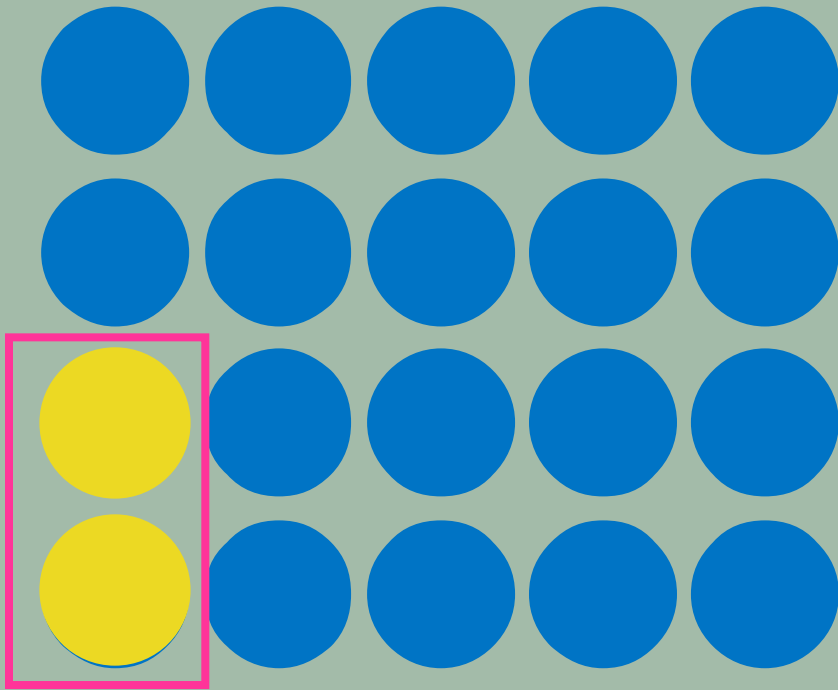
of Area A
SkeenaTAC



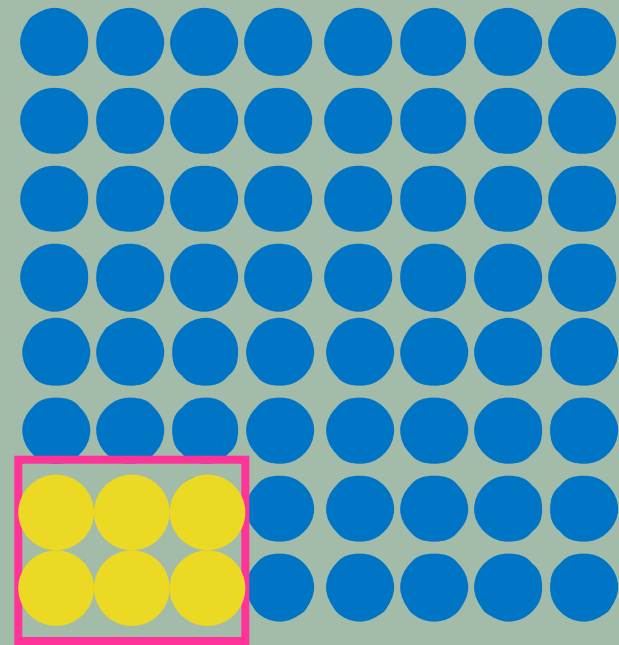
Area C (not to scale!)
656 total licences
each licence:

$$1 / 656 = 0.1524\%$$

of Area C
Skeena TAC



14 Area A licences in 2010
(out of 107) were available
from DFO inventory for
inland demo fisheries



39 Area C licences in 2010
(out of 656) were available
from DFO inventory for
inland demo fisheries

Note: In the Skeena, additional licences from industry may also be set aside for demonstration fisheries

Calculating TAC % available from DFO inventory licences



14 licences

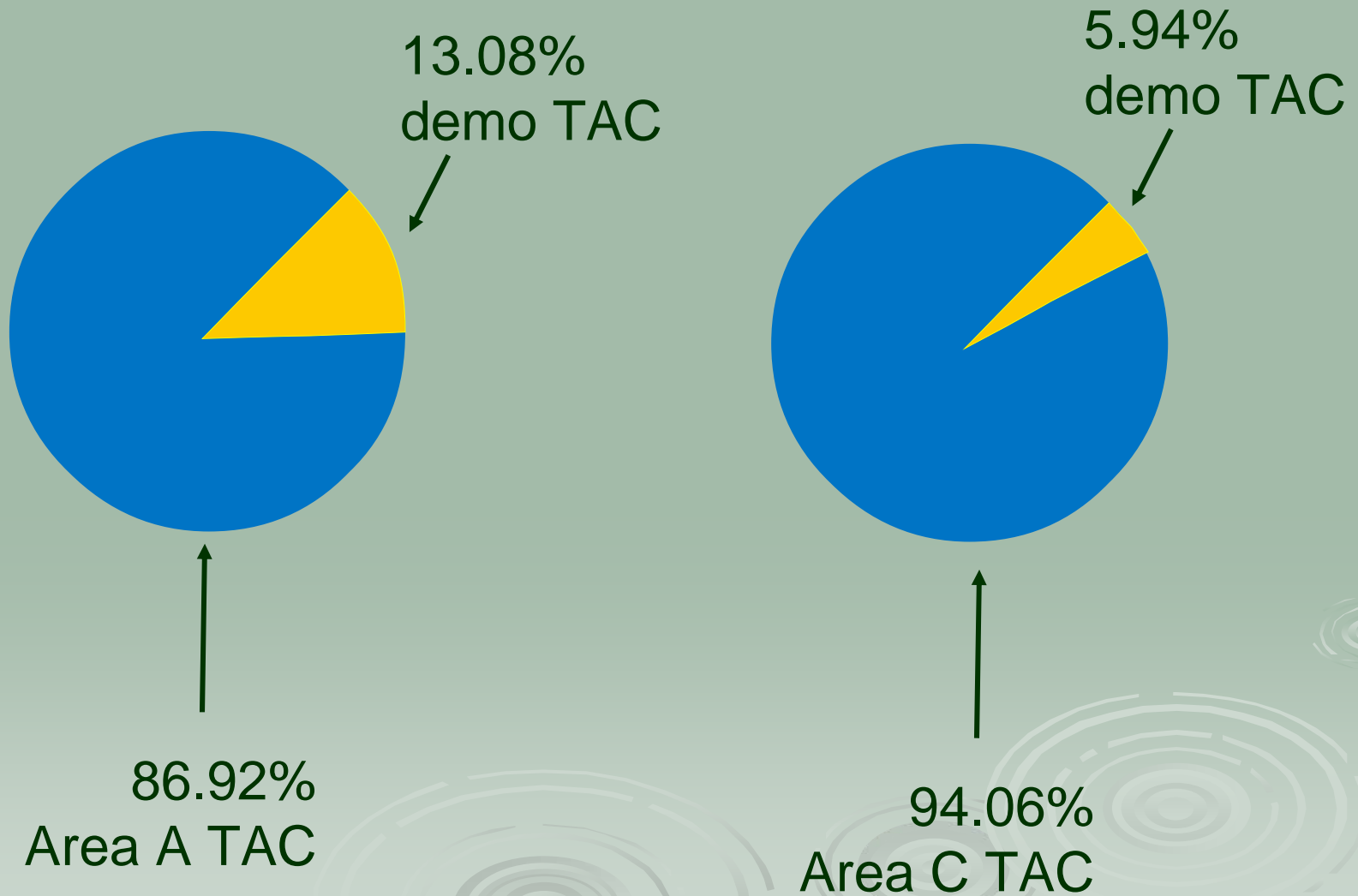
$$14 \text{ licences} * 0.9346\% = 13.0844\%$$



39 licences

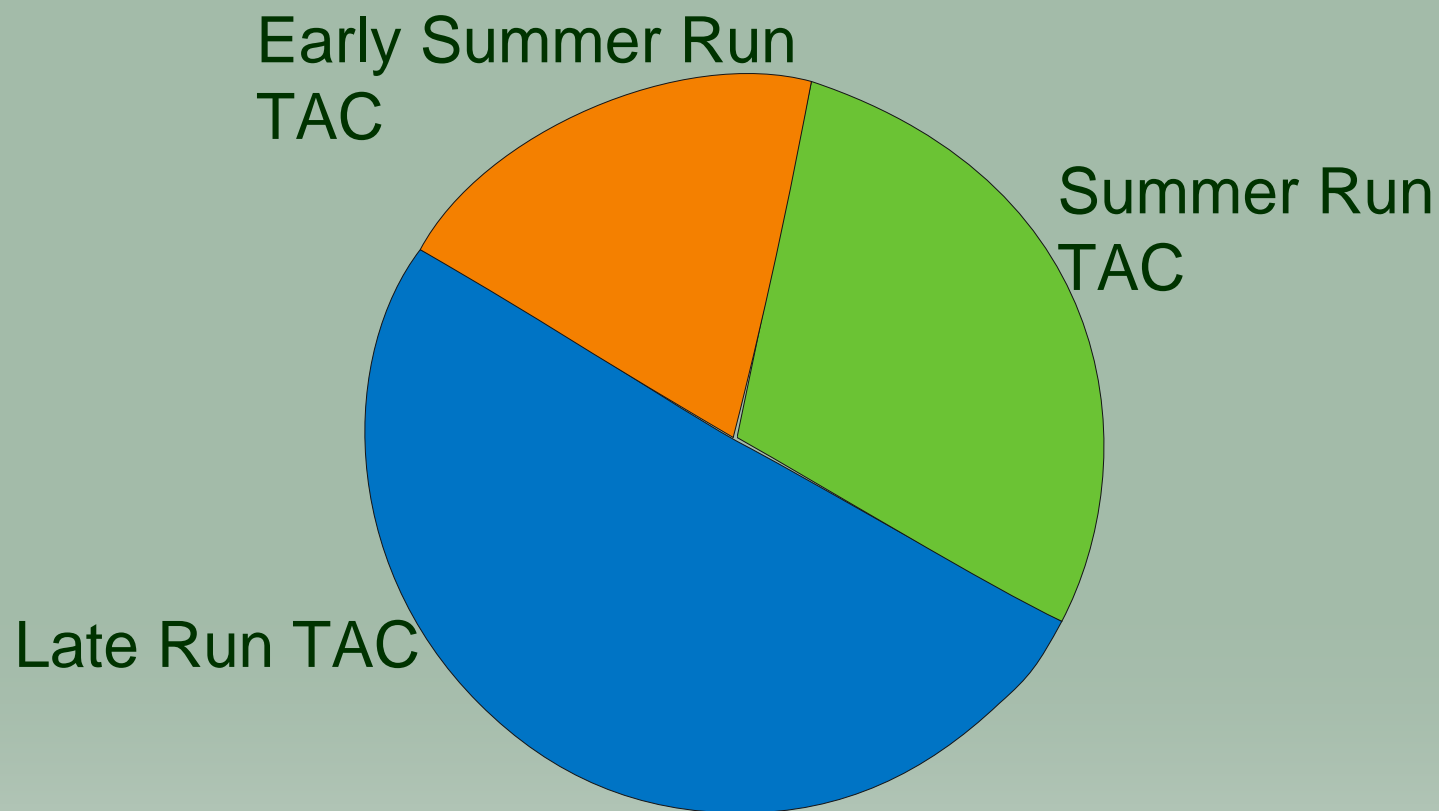
$$39 \text{ licences} * 0.1524\% = 5.9436\%$$

Back to the beginning...Skeena Commercial Area A & C TAC:

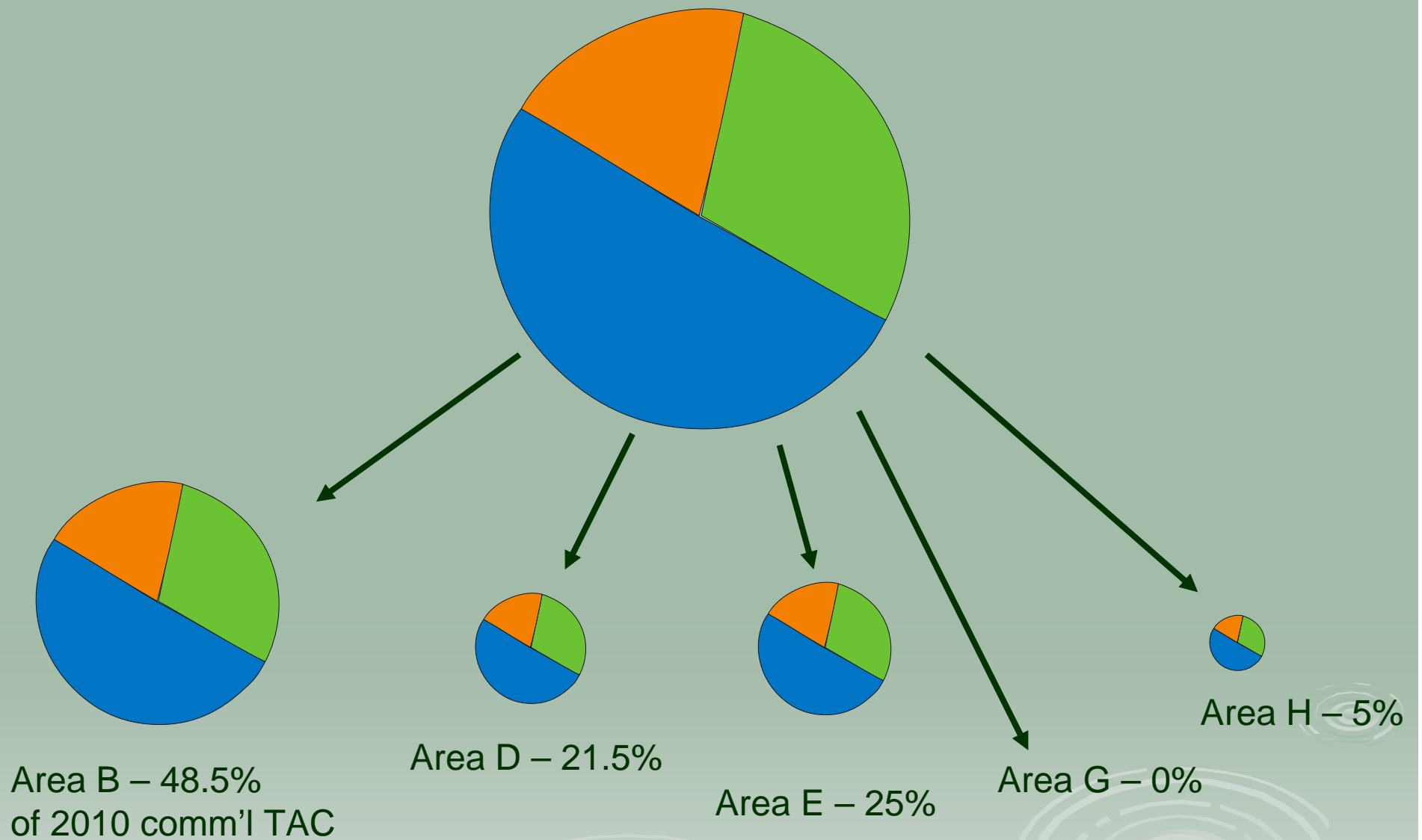


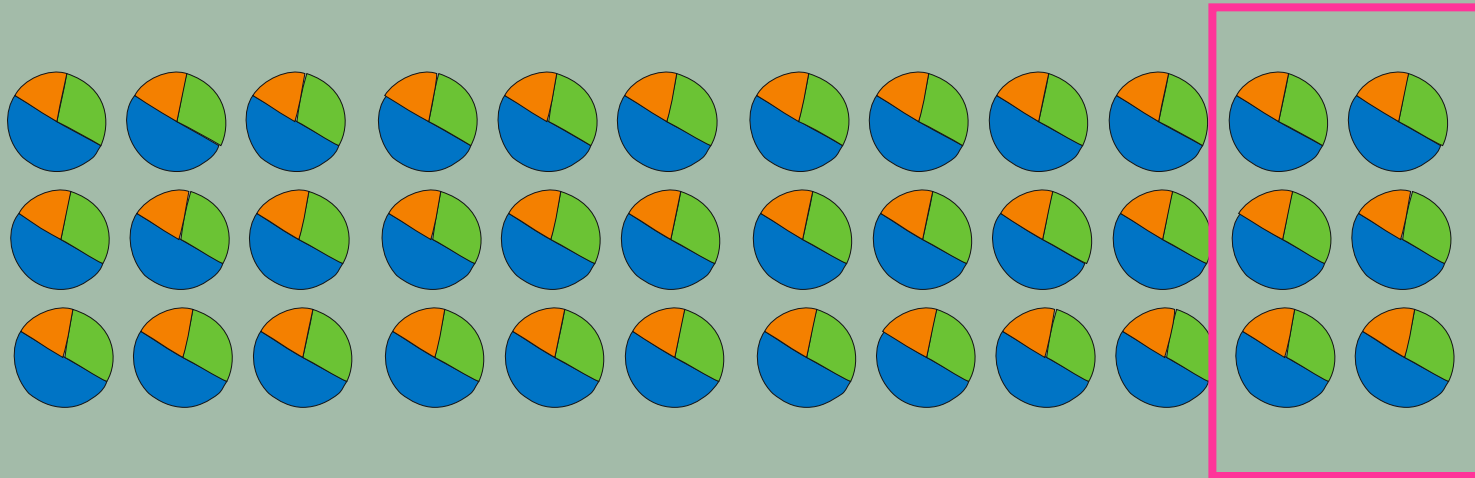
Examples of Share Transfers

Fraser Sockeye – General
Description



Hypothetical example where the total Canadian commercial TAC (excluding EO fisheries) = 1M fish (200k ESum; 300k Summer; 500k Lates)

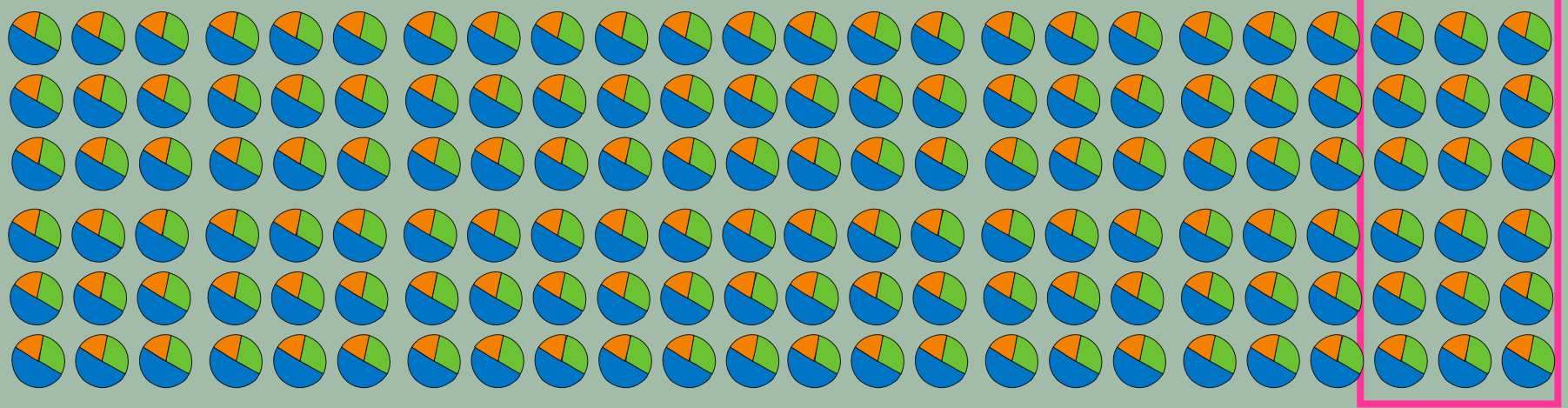




Area B (not to scale!)

- 169 licences
- 48.5% of commercial FR SK TAC in 2010
- each licence had a 0.287% share of commercial FR SK TAC (in 2010)

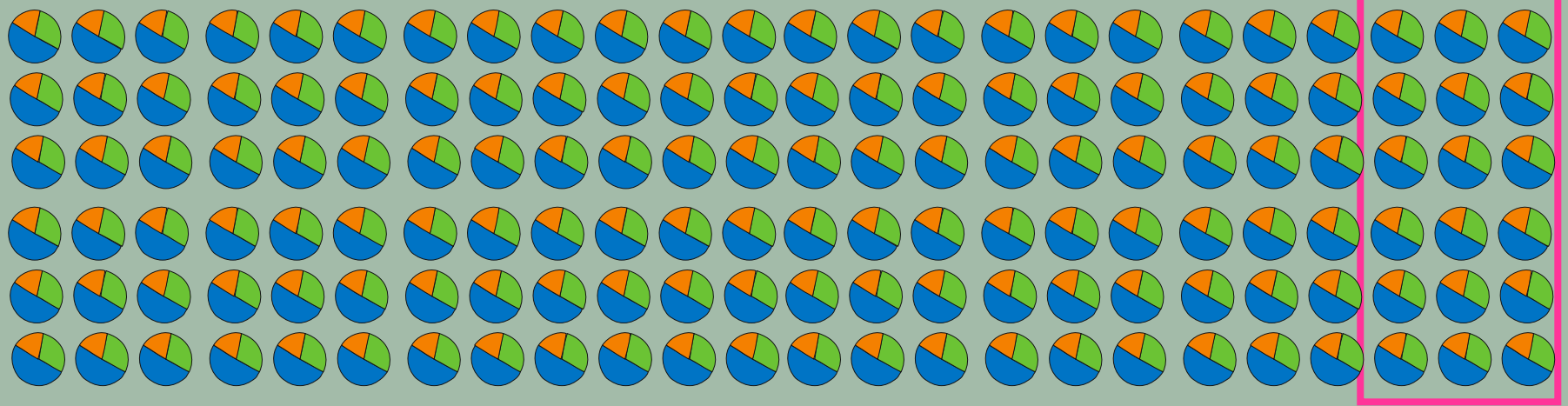
22 licences in 2010
(out of 169) were
available from DFO
inventory for FR SK
inland demo
fisheries



Area D (not to scale!)

- 359 licences
- 21.5% of commercial FR SK TAC in 2010
- each licence had a 0.0599% share of commercial FR SK TAC (in 2010)

33 licences in 2010
(out of 359) were
available from DFO
inventory for FR SK
inland demo
fisheries



Area E (not to scale!)

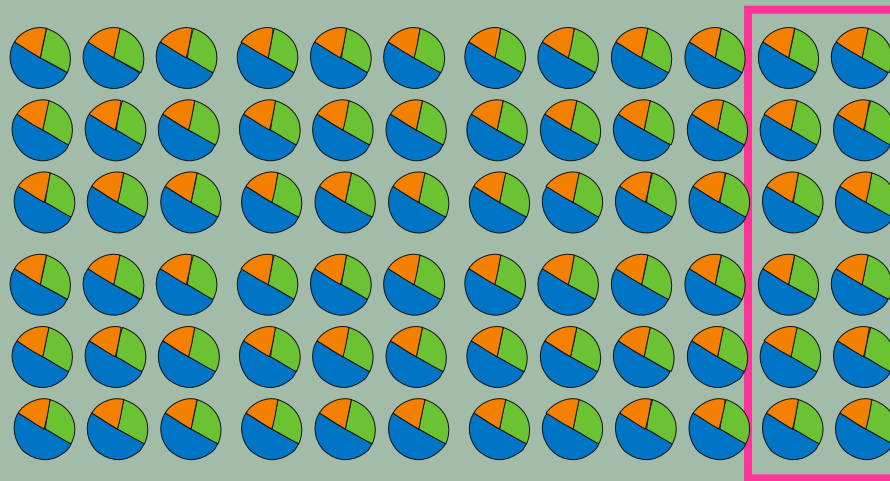
- 391 licences
- 25% of commercial FR SK TAC in 2010
- each licence had a 0.0639% share of commercial FR SK TAC (in 2010)

53 licences in 2010
(out of 391) were
available from DFO
inventory for FR SK
inland demo
fisheries

Area G in 2010

➤ Area G

- 164 licences
- 0% of commercial FR SK TAC in 2010
- each licence had a 0% share of commercial FR SK TAC (in 2010)
- 2 licences in 2010 (out of 164) were available from DFO inventory for FR SK inland demo fisheries (but 0% TAC associated with the 2 licences)

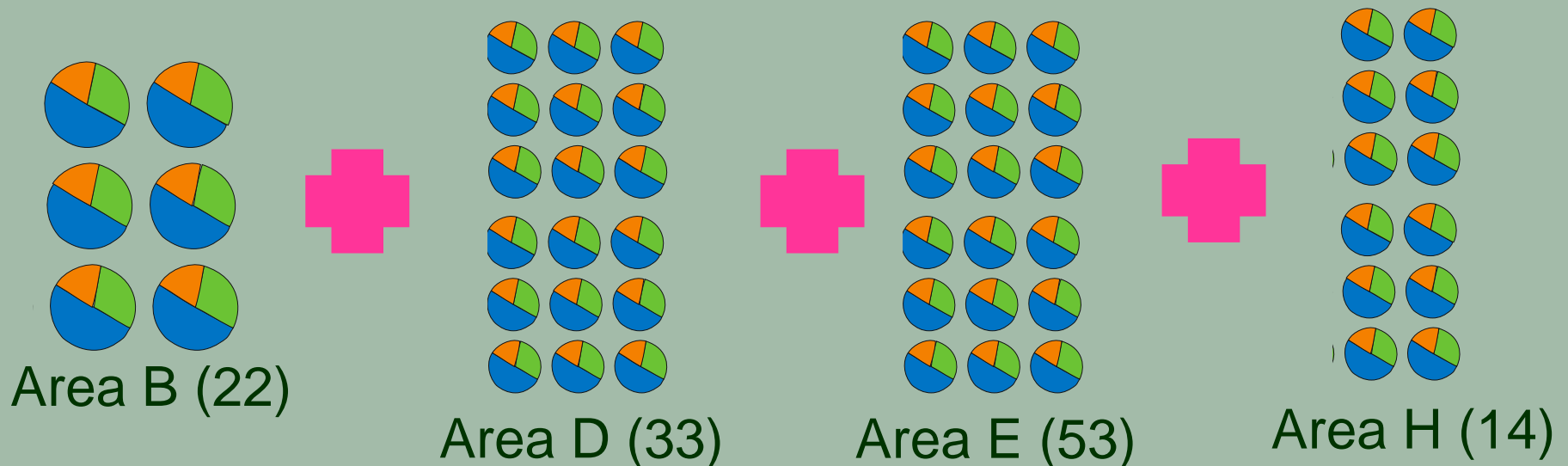


Area H (not to scale!)

- 90 licences
- 5% of commercial FR SK TAC in 2010
- each licence had a 0.0556% share of commercial FR SK TAC (in 2010)

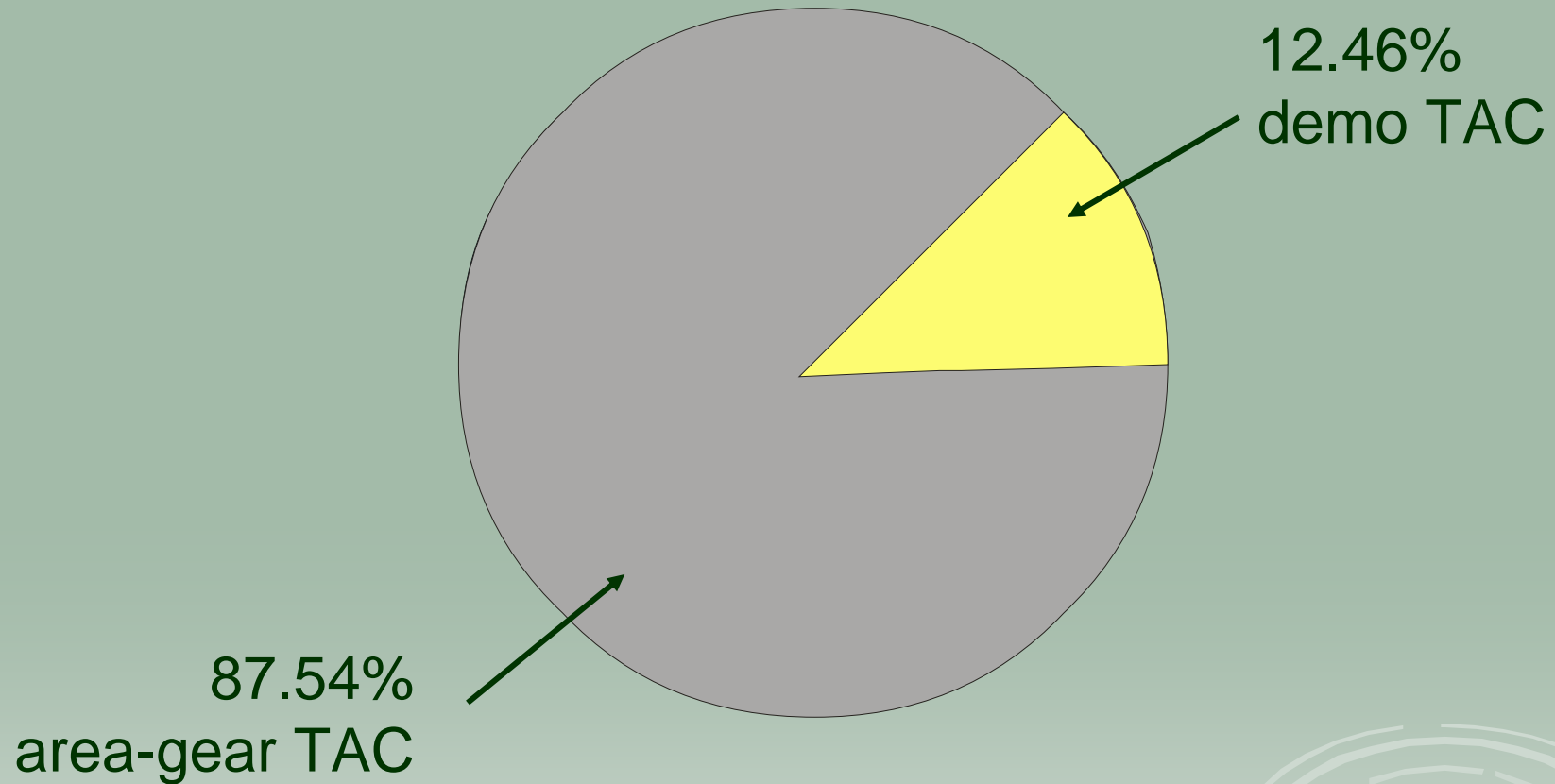
14 licences in 2010
(out of 90) were
available from DFO
inventory for FR SK
inland demo
fisheries

Adding together all the licences available from DFO inventory

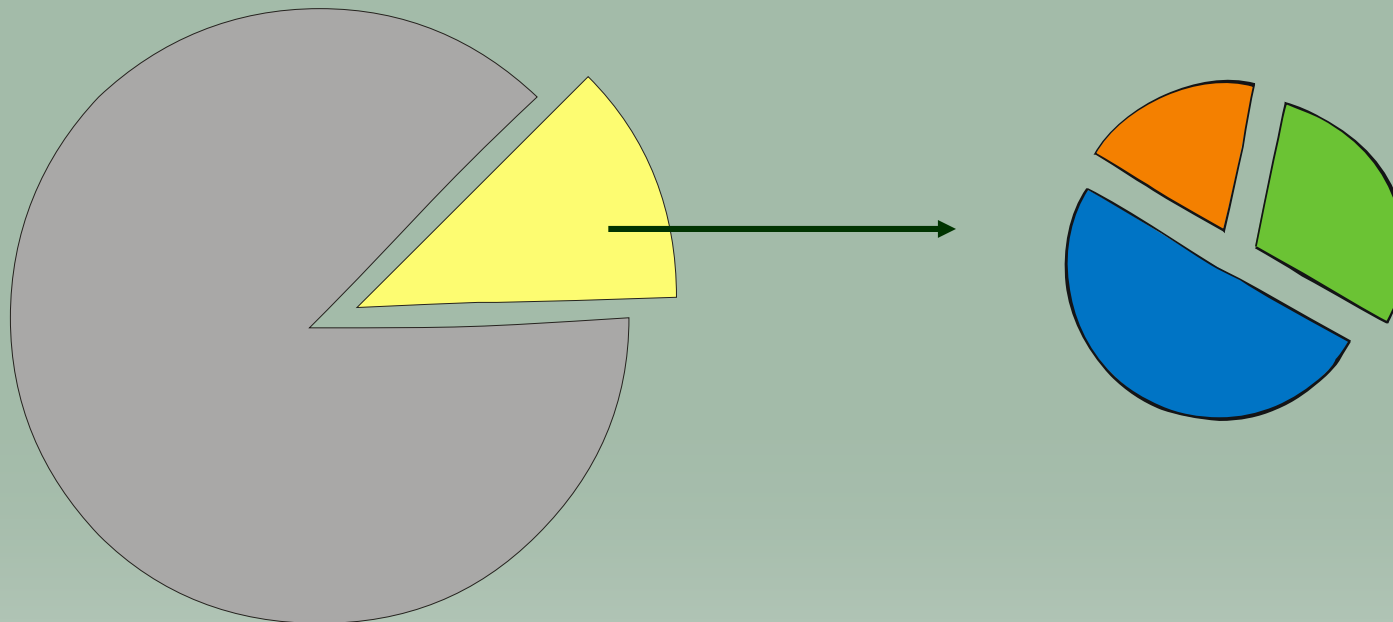


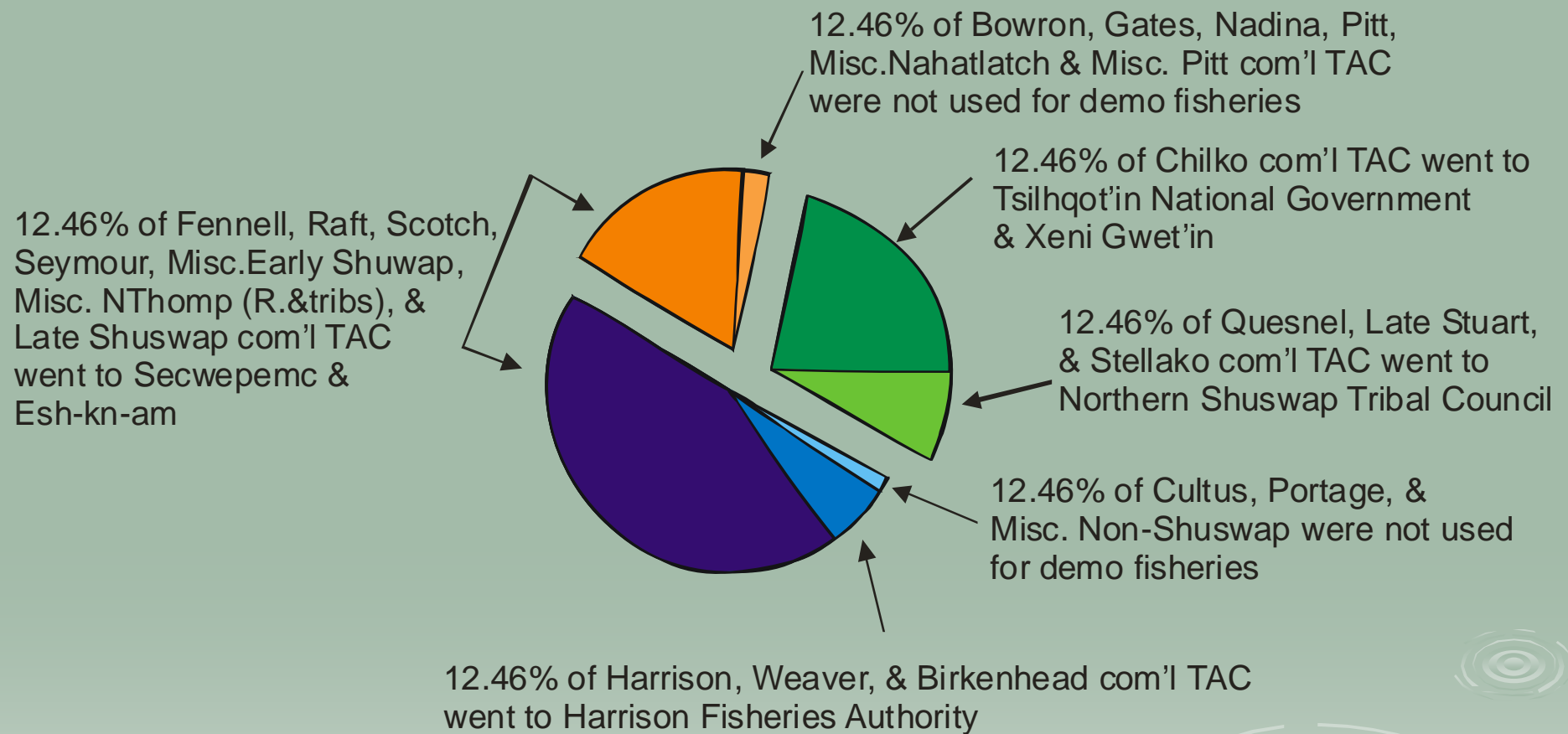
= 12.46%

Back to the beginning...and the hypothetical 1M TAC:



Following the 12.46%...





Next Steps

- Department completing Summary Report with detailed information on 2010 demonstration fishery projects
 - Information to include: allocations, harvests, monitoring and compliance for each demonstration project
 - Technical appendices with share calculations
- Draft report for discussion in April.
- Questions?