

Workplan Item 1 Chinook Management Approach

Goal: Dev Chinook fisheries management measures that achieve identified conservation objectives and provide for priority access for FSC fisheries

Management objective 5%

Priority access: largest share of mortality language in agreement?

How: Review harvest mortality 2019 -21 & tools used to guide mgt

Language in agreement – guiding principle – low abundance

“after conservation measure top priority of any access and allocations will be accorded to First Nations for FSC

Review management tool – reduce to 5% mortality 2019 -21

How: Review harvest mortality 2019 -21 & tools used to guide mgt

Spring 4.2: total FMI (4.4%)

FN (2.3%), Comm/EO/Test (1.4%), Marine Rec .7%

➤ 2014 -18 ave.(24.9%)

Spring 5-2: total FMI: (5.9%)

◦ FN (2.4%), Comm/EO/Test (1.3%), Marine Rec 2.1%

➤ 2014 -18 ave. (23.9%)

How: Review harvest mortality 2019 -21 & tools used to guide mgt

Summer 5.2: total FMI: (15.4%)

FN (6.4%), Comm, EO, Test (2.0%), Marine Rec (7.0%)

➤ 2014 -18 ave. (24.4%)

Summer 4-1: total FMI (27.3%)

FN (12.1%), Comm/EO/Test (3.3%), Rec (11.9%; 10.4 marine inriver 1.5)

➤ 2014 -18 ave. (42.5%)

How: Review harvest mortality 2019 -21 & tools used to guide mgt

Fall 4-1: total FMI: (20.4%)

FN (.4%), Comm/EO/Test (.8%), Rec (19.2%: 13.6 marine; inriver 5.7)

➤ 2014 -18 ave. (23.7%)

FSMB priority summer 5-2

Considerations:

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- ***Accuracy of FMI – Uncertainty not quantified***
- ***FMI could be higher or lower due monitoring issues(15 could be 20%)***
- ***Can smaller populations withstand higher mortality***
- ***No clear understanding what 2023 returns might look***
- ***Are escapement estimates for 2022 reflective of health of smaller populations***
- ***FMI for 2022 not available until fall of 2023***