

1985

SALMON HISTORY
AND
RECORD OF MANAGEMENT STRATEGIES



AREA 4 - SKEENA

B. ROSENBERGER - FISHERY OFFICER i/c

This record is the continuation of a pilot project undertaken in the Central Coast (Areas 6-7-8-9-10) during the 1983, 1984, and 1985 salmon seasons. It was designed as an in-season management tool and as a record of the fishery and of the management strategies. It was expanded in 1985 to include the Queen Charlotte Islands, Areas 1, 2E, and 2W, District 8 - Areas 3, 4, and 5, the West Coast of Vancouver Island, and Area 14 North (Comox). It replaces for 1985, as was in 1983 and 1984 in the Central Coast, the Area Salmon History, the Field Catch book, the Weekly Salmon Net Fishing Summary, and the salmon sections of the Annual Narrative Report for these areas. The object of the form and content of the report is to provide:

1. a written record of the fishery, the management strategies, and the reasons and considerations affecting those decisions;
2. a basis for evaluation toward improved management;
3. a mechanism for the transferability of knowledge and information for current and future staff.



H.R. McNairnay
For F.E.A. Wood
Director
Regional Planning and Economics

November 25th, 1985

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Area 4
1985 RMS (Sal)



Government of Canada 1985 Calendar

with Julian Calendar

Gouvernement du Canada Calendrier 1985

avec Calendrier Julien

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CALENDARS 1800 TO 2050

DIRECTIONS FOR USE

Look for the year you want in the index at left. The number opposite each year is the number of the calendar to use for that year.

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READ CAREFULLY

1. Reporting of all catches to the Dept. of Fisheries and Oceans is the responsibility of the fisherman and a condition of licence renewal.
2. Accurate catch reports must include the map number or numbers showing the area in which your fish were caught.
3. The statistical areas shown on this map are to be used as a guide only. For more exact information refer to the Pacific Fishery Management Area Regulations.

- Dept. of Fisheries and Oceans Office
- Statistical areas are divided by red lines
- Surfline

Note: All areas revised February 1985

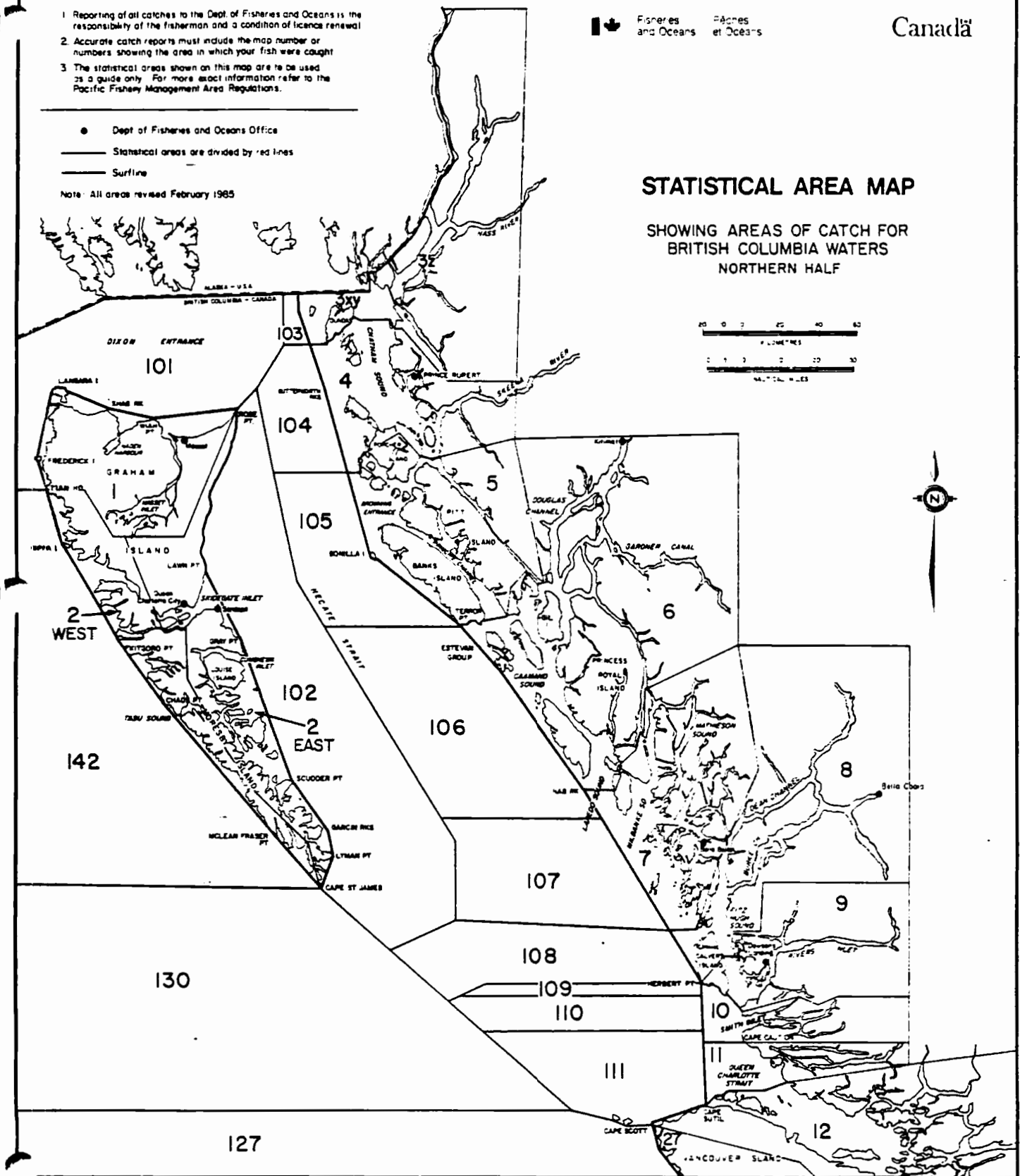
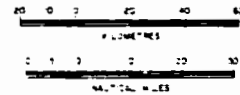


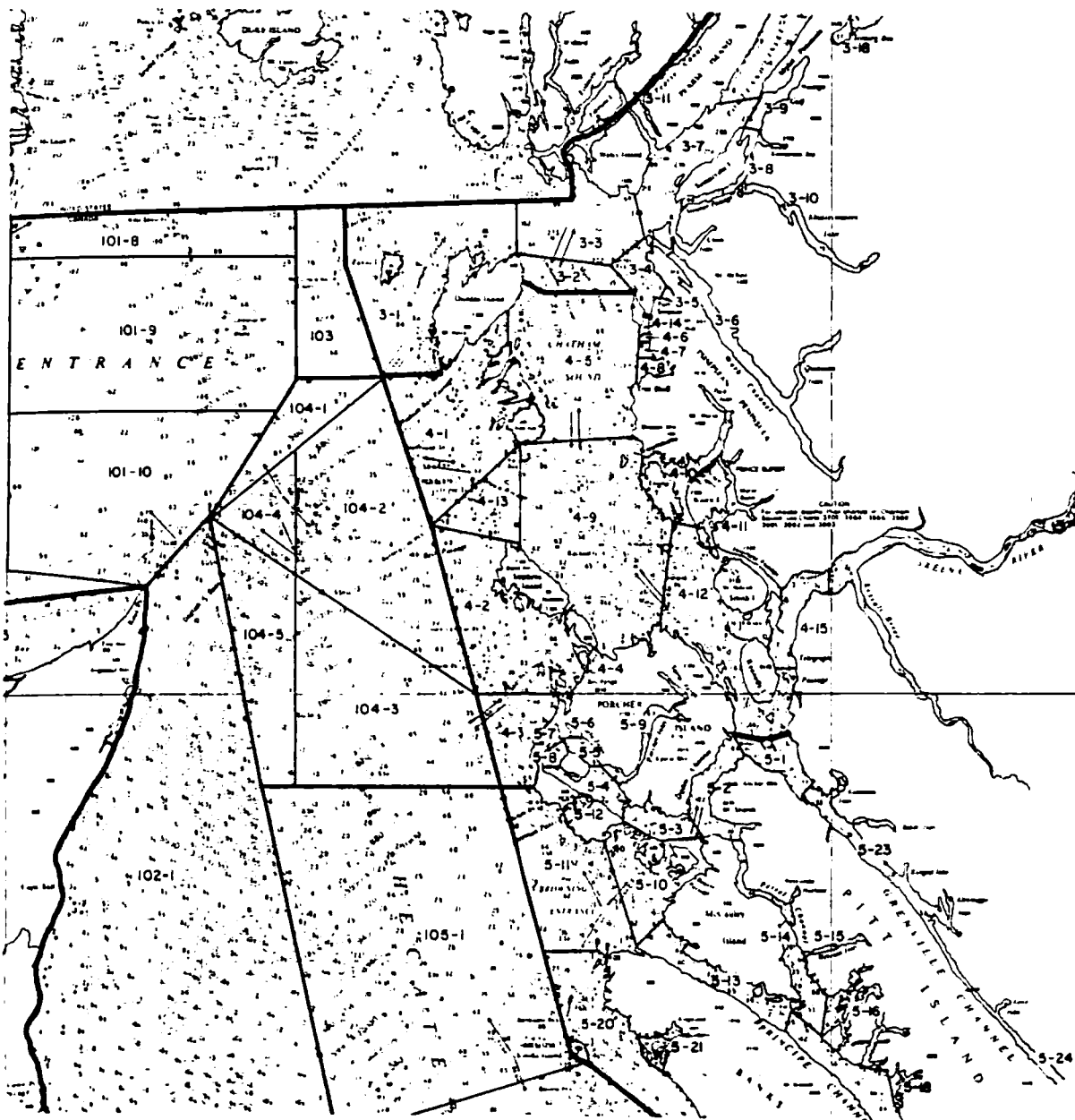
Fisheries and Oceans
Pêches et Océans

Canada

STATISTICAL AREA MAP

SHOWING AREAS OF CATCH FOR
BRITISH COLUMBIA WATERS
NORTHERN HALF





PACIFIC FISHERY MANAGEMENT AREAS

As amended by

P.C.	1982-2626 (SOR/DORS 82-831, p. 3061, 22/9/82)
P.C.	1983-2482 (SOR/DORS 83-649, p. 3199, 24/8/83)*
P.C.	1984-1318 (SOR/DORS 84-338, p. 1860, 16/3/84)
P.C.	1985-74 (SOR/DORS/85-93, p. 947, 06/2/85)

NOTE

All persons making use of this consolidation are reminded that it has no official sanction; that the amendments have been embodied only for convenience of reference, and that the original regulations and amendments thereto, as published in Part II of the Canada Gazette, should be consulted for all purposes of interpreting and applying the regulations.

4 (a) Area 4

Comprising those waters bounded inside a line commencing at the southern most point of Dundas Island, thence true west to Prince Leboo Island, thence southerly along the shoreline to the southern most point, thence true west to the surfline, thence southerly following the surfline to a point true west of Cape George on Porcher Island, thence true east to Cape George, thence following the western, northern then eastern shoreline to Peninsula Point, thence to the northern most point of Gibson Island, thence to Buckley Point on the mainland, thence following the shoreline northerly to a marker approximately one and one half miles easterly of Vietch Point, thence across the Skeena River to a marker near Mowitch Point, thence north westerly along the shoreline to Redcliffe Point, thence to Duncan Point on Finlayson Island, thence northerly along the shoreline to Gordon Point, thence to Green Island Light, thence magnetic west to a marker on the easterly shore of Dundas Island, thence southerly along the shoreline to the point of commencement.

(b) Area 4 is composed of Subareas as follows:

Subarea 4-1

Those waters of Hudson Bay Passage, Brown Passage, and adjacent waters inside a line from the southern most point of Dundas Island true west to Prince Leboo Island, thence southerly along the shoreline to the southern most point of Prince Leboo Island, thence true west to the surfline, thence southerly along the surfline to Butterworth Rocks light, thence in a straight line to Triple Islands light, thence to Deans Point on Melville Island, thence northerly along the shoreline to the northeastern most point of Melville Island, thence to the southeastern most point of Dunira Island, thence northerly along the eastern shoreline to the northern most point of Dunira Island, thence true west to Baron Island, thence northerly along the shoreline to the northern most point of Baron Island, thence true north to Dundas Island; thence southwesterly along the shoreline to the point of commencement.

Subarea 4-2

Those waters of Hecate Strait, Edye Passage and adjacent waters inside a line from Butterworth Rocks light, thence southerly along the surfline to a point true west of Seal Rocks light, thence true east to Seal Rocks light, thence to Welcome Point on Porcher Island, thence northerly along the shoreline to Edwin Point, thence to View Point on Arthur Island, thence easterly along the shoreline to the easternmost point of Arthur Island, thence to Morrell Point on Prescott Island, thence northerly along the shoreline to a marker at Stephens Passage, thence across the passage to a marker on Stephens Island, thence northerly along the shoreline to Riel Point, thence to the easternmost point of Avery Island, thence northerly along the shoreline to the northwesternmost point, thence to Harris Rock, thence to the point of commencement.

Subarea 4-3

Those waters of Hecate Strait and adjacent waters inside a line from Welcome Point on Porcher Island to Seal Rocks light, thence true west to the surfline, thence southerly along the surfline to a point true west of Cape George on Porcher Island, thence true east to Cape George, thence along the shoreline to the point of commencement.

Subarea 4-4

Those waters of Edye Pass and adjacent waters inside a line from Pearce Point on Porcher Island to Morrell Point on Prescott Island, thence to the eastern most point of Arthur Island, thence westerly along the shoreline to View Point, thence to Edwin Point on Porcher Island.

Subarea 4-5

Those waters of Chatham Sound and adjacent waters inside a line from Ryan Point on the mainland to Deans Point on Melville Island, thence northerly along the shoreline to the northeasternmost point, thence to the southeasternmost point of Dunira Island, thence northerly along the eastern shoreline to the northernmost point, thence true west to Baron Island, thence northerly along the easterly shoreline to the northernmost point, thence true north to Dundas Island, thence northeasterly along the shoreline to a marker true west of the light on Green Island, thence to the light on Green Island, thence to Gordon Point on Finlayson Island, thence along the westerly shoreline to a marker on Fortune Point, thence to the northernmost point of Mist Island, thence following the easterly shoreline to the southernmost point, thence to the northernmost point of Burnt Cliff Island, thence easterly and southerly along the shoreline to the southernmost point, thence to the northernmost point of South Island, thence along the easterly shoreline to the southernmost point, thence to Trenham Point on Tsimpsean Peninsula, thence to the point of commencement.

Subarea 4-6

Those waters of Pearl Harbour and adjacent waters inside a line from Pearl Point on Tsimpsean Peninsula to Cultivation Point on Burnt Cliff Island, thence westerly along the shoreline to the northernmost point, thence to the southernmost point of Mist Island, thence following the easterly shoreline to the northernmost point, thence to the westernmost Island of Flat Top Islands, thence to the easternmost point of Green Mound, thence true east to a marker on Tsimpsean Peninsula.

(a) P.C. 1985-74

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Subarea 4-7

Those waters of Big Bay and adjacent waters inside a line from Pearl Point on Tsimpsean Peninsula to Cultivation Point on Burnt Cliff Island, thence along the easterly shoreline to the southern most point of Burnt Cliff Island, thence to the northern most point of South Island, thence along the easterly shoreline to the southern most point of South Island, thence to the southern most point of Haycock Island, thence to Whitecliff Island, thence to Shattock Point on Tsimpsean Peninsula.

Subarea 4-8

Those waters of Big Bay and adjacent waters inside a line from Trenham Point on Tsimpsean Peninsula to the southern most point of South Island, thence to the southern most point of Haycock Island, thence in a straight line to Whitecliff Island, thence to Shattock Point on Tsimpsean Peninsula.

Subarea 4-9

Those waters of Chatham Sound and adjacent waters inside a line from Deans Point on Melville Island east to Ryan Point on the mainland, thence southerly along the shoreline to Observation Point, thence to Straith Point on Digby Island, thence along the westerly shoreline to Lima Point, thence to Hunt Point on Porcher Island, thence westerly along the shoreline to Pearce Point, thence to Morrell Point on Prescott Island, thence along the easterly shoreline to a marker at Stephens Passage, thence to a marker on Stephens Island opposite, thence northerly along the shoreline to Riel Point, thence to the eastern most point of Avery Island, thence northerly along the shoreline to the northwestern most point of Avery Island, thence to Harris Rock, thence to Deans Point on Melville Island.

Subarea 4-10

Those waters of Prince Rupert Harbour and adjacent waters bounded on the west by a line from Straith Point on Digby Island to Observation Point on the mainland and bounded on the south by a line from Lima Point on Digby Island to the southern most point of Kaien Island, thence along the northwesterly shoreline to Ritchie Point, thence to Pethick Point on Tsimpsean Peninsula.

Subarea 4-11

Those waters of Porpoise Harbour, Wainwright Basin, Morse Bay, and adjacent waters inside a line from the southern most point of Kaien Island to the northwestern most point of Ridley Island, thence southerly along the eastern shoreline to the southern most point of Ridley Island, thence to the western most point of Lelu Island, thence northerly along the shoreline to the northern most point of Lelu Island, thence to a marker on the shore of Tsimpsean Peninsula opposite; and bounded on the north by a line from Pethick Point to Ritchie Point on Kaien Island.

Subarea 4-12

Those waters of Chatham Sound and adjacent waters inside a line from Hunt Point on Porcher Island thence to Lima Point on Digby Island, thence to the southernmost point of Kaien Island, thence to the northwesternmost point of Ridley Island, thence southerly along the shoreline to the southernmost point, thence to the westernmost point of Lelu Island, thence northerly along the shoreline to the northernmost point of Lelu Island, thence true east to a marker on the shore of Tsimpsean Peninsula, thence southeasterly along the shoreline to Gust Point, thence to Clara Point on De Horsey Island, thence southerly along the eastern shoreline to Parry Point, thence to the navigation light on Marked Tree Bluff on Kennedy Island, thence southerly along the shoreline to a marker true west of Inrig Point on the mainland, thence to Inrig Point, thence southerly along the shore to Buckley Point, thence to the northernmost point of Gibson Island, thence to Peninsula Point on Porcher Island, thence northerly along the eastern shoreline to the point of commencement.

Subarea 4-13

Those waters of Brown Passage and adjacent waters inside a line from Deans Point on Melville Island, thence to Triple Islands Light, thence to Butterworth Rocks light, thence to Harris Rock, thence to the point of commencement.

Subarea 4-14

Those waters of Cunningham Passage and adjacent waters inside a line from Redcliff Point on the mainland, thence to Duncan Point on Finlayson Island, thence southerly along the shoreline to Fortune Point, thence to the northernmost point of Mist Island, thence to the westernmost Island of Flat Top Islands, thence to the easternmost point of Green Mound, thence true east to a marker on Tsimpsean Peninsula, thence to the point of commencement.

Subarea 4-15

Those waters of Telegraph Passage and adjacent waters inside a line from Mowitch Point on Tsimpsean Peninsula, thence westerly along the shoreline to Gust Point, thence to Clara Point on De Horsey Island, thence southerly along the eastern shoreline to Parry Point, thence to the navigation light at Marked Tree Bluff on Kennedy Island, thence southerly along the shoreline to a marker true west of Inrig Point on the mainland, thence to Inrig Point, thence northerly along the shoreline to a marker approximately one and one half miles easterly of Veitch Point, thence to the point of commencement.

(a) P.C. 1984-1318

(b) P.C. 1985-74

Amendment List February 27, 1985

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PACIFIC COAST SALMON MANAGEMENT OBJECTIVES, OVERVIEW
EXPECTATIONS AND PROPOSED FISHING PLANS FOR 1985

This bulletin outlines the major objectives of the 1985 net fishing plans, discusses how the plans were developed and provides an overview of the fisheries.

Forecasts and Development of Fishing Plans.

Formal salmon forecasts are available for pink, chum and sockeye only. Estimates of expected stock abundance are generally made by multiplying brood year escapements by average return rates. Return rates may be corrected for over-wintering conditions such as freezing, flooding and so on. Fishing plans are proposed which harvest available surpluses but provide for escapement goals or minimize the harvest rates on those stocks not forecast to be abundant. The proposed fishing plans were reviewed with advisory boards prior to being finalized.

Management Objectives

The primary objectives for managing the net fisheries in 1985 are noted as follows:

Manage net fisheries in accordance with Canada/U.S. treaty.

Manage fisheries in accordance with the Minister's Advisory Council's recommendation, Motion #22, on catch allocation.

Minimize the incidental harvest of chinook salmon.

Direct fishing as much as possible on surplus stocks and minimize the harvest of depressed or weak stocks.

Reduce interception fisheries to the extent practicable. Direct fisheries on local stocks and limit harvest of stocks bound for other statistical areas except where these same stocks are abundant and additional fishing will not adversely impact local stocks.

Co-ordinate fishing openings where practical with openings in other areas in order to distribute gear and reduce fleet congestion.

Achieving the above objectives will be accomplished by regulating in-season fishing times and fishing areas in accordance with the developing salmon runs. In some areas, run strength will be assessed by comparing commercial catches with past catches and catch per vessel (CPUE) and by comparing escapements of selected stocks with previous years escapements at the same date. In other areas seine and gillnet test fisheries will be conducted to determine run strength and escapements. As the season progresses, the management of fisheries will be based on such information and adjustments in fishing times will be made in accordance to actual stock strengths and catch allocation guidelines.

AREA 4
TIMBER SKEENA

SPECIES	CYCLE YEAR	CATCH	CYCLE YEAR	ESCAPEMENT	1985 ESCAPEMENT		EXPECTATIONS
					EXPECTED	OPTIMUM	
Sockeye	(1980)	333,700		545,500	1,000,000	1,000,000	An above average return is expected with a total return of 2.7 million anticipated.
	(1981)	1,550,200		1,424,500			
	10 year average	888,100	10 year average	868,600			
Pink	(1983)	668,700		2,542,000	1,000,000	1,000,000	An above average return is expected with a total return of 2.6 million anticipated.
	10 year average	916,800	10 year average	1,392,000			

PROPOSED FISHING PATTERN

EFFECTIVE DATE ACTION

To be announced Open to trolling in specified areas only.

June 30 Open to gillnets for 2 days per week. Maximum mesh size 137mm.
The Skeena River upstream boundary will be moved out to Gust Point-Clare Point and Parry Point-Marked Tree Bluff and Inrig Point-Boundary sign opposite on Dennery Is. on any weeks of more than 2 days fishing.

July 7 Anticipated 4 day gillnet opening.

July 14 Anticipated 4 day gillnet opening.

July 21 Anticipated 4 day net opening: seines permitted in 4-1, 4-2, 4-3, 4-5, 4-8, and 4-9 this week only.
Sub-area 4-4 closed to all gear.
Seines not permitted to tie to beach on Porcher Island from Hunt Pt. to Goble Pt.

July 28 Anticipated 4 day gillnet opening.

August 4 Anticipated 4 day gillnet opening.

August 11 Anticipated 2 day gillnet opening.

August 18 Anticipated 2 day gillnet opening.

August 25 Anticipated 2 day gillnet opening.

September 1 Closed for conservation of Skeena coho.

NOTE: Additional seine fishing on pink stocks will be considered in the outside sub-areas of Area 4 after late July if stocks are abundant and the gillnet fishery cannot harvest the available surplus.

1985

- RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

MANAGEMENT RESOURCES.

THE MANAGEMENT OF THE AREA 4 FISHERY CONSISTS OF DEVELOPING A SET OF EXPECTATIONS OF SALMON RETURNS AND A SUBSEQUENT FISHING PATTERN. THIS IS DONE AS A JOINT VENTURE BETWEEN THE NASS/SKEENA MANAGEMENT BIOLOGIST AND THE AREA 4 FISHERY OFFICER. THE EXPECTATIONS ARE REVIEWED WITHIN DFO THEN BY THE SKEENA RIVER ADVISORY BOARD. THE IN-SEASON MANAGEMENT CONSISTS OF WEEKLY MEETINGS HELD TO DETERMINE FISHING PATTERNS FOR FOLLOWING WEEKS. THESE MEETINGS ARE ATTENDED BY L.V. GORDON ACTING DISTRICT SUPERVISOR, TIM PANKO FISHERY OFFICER AREA 5, BARRY ROSENBERGER FISHERY OFFICER AREA 4, DAN WAGNER FISHERY OFFICER AREA 3, LES JANTZ NASS/SKEENA BIOLOGIST AND ALSO WHEN AVAILABLE BY PAUL SPROAT SENIOR BIOLOGIST, ROBB WILSON ACTING ASSISTANT DISTRICT SUPERVISOR AND ERIC KREMER NORTH COAST DIRECTOR. MEETINGS ARE ALSO HELD DURING FISHERIES TO DECIDE UPON EXTENSIONS OR CLOSURES. AS MANY OF THE ABOVE PEOPLE AVAILABLE AS POSSIBLE ATTEND THESE MEETINGS WITH THE FISHERY OFFICERS USUALLY BEING OUT ON PATROL VESSELS.

THE RESOURCES UTILIZED IN 1985 ARE AS FOLLOWS:
PATROL VESSELS - PETREL ROCK (YEAR ROUND), KITIMAT II
(JUNE 30 - AUG. 16), BEAVER ROCK (JULY 17 - 20),
PILLAR ROCK (JULY 20 - 27)
CHARTER PATROLMEN - "SAUCY LASS" - ELL ROSENGARD JUNE 18 - SEPT. 30
88 DAYS.

Barry Rosenberger

DATE _____

MANAGEMENT RESOURCES CONT.

- "ZONA 6" - JIM GALE JUNE 11 - SEPT. 17

80 DAYS

- "BESS RICHELLE" - RICHARD LEESON JULY 14 - AUG. 3

18 DAYS

- DON INTERMELLA - JET BOAT CHARTER - ECSTALL

RIVER GUARDIAN - 23 DAYS.

PERSONNEL - BARRY ROSENBERGER - GT 3 FISHERY OFFICER

JIM STEWARD - GT 2 (TWO PEAK WEEKS OF FISHERY)

LES DANE - GT 2 (1 WEEK)

MATT LEGGEAT - GUARDIAN AUG. 20 - FEB. 28

ENFORCEMENT TEAM FOR 4 SEPARATE FISHERIES

THROUGHOUT SUMMER.

LES JANTZ - SKEENA/NAAS BIOLOGIST

OTHER - AERIAL GEAR COUNTS AT THE START OF ALL FISHERIES

- 4 HELICOPTER TRIPS FOR STREAM ENUMERATIONS

- GN TEST FISHERY AT TYEE

- BABINE LAKE COUNTING FENCE

- UP COUNTRY SUB-DISTRICTS WHICH SUPPLY SPORT AND

- FOOD FISH CATCHES AND STREAM ENUMERATIONS.

WITH THE CONTINUED SUPPLY OF PATROL VESSELS FROM OTHER AREAS DURING PEAK FISHING TIMES AND THE KITIMAT II. ON A REGULAR SUMMER BASIS, WE WERE ADEQUATELY COVERED. THE MAIN AREA OF CONCERN IS FOR A PERMANENT GT 2 POSITION FOR AREA 4. THE CONSTANT BORROWING AND CHANGE OVER OF PERSONNEL IS NOT ADEQUATE AND CAUSES A LACK OF CONSISTENCY IN CALCULATING THE CATCH.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

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INDIAN FOOD FISHERY

FROM JANUARY 1 TO MAY 14 THERE WERE 13 GILLNET
AND 10 TROLL LICENCES ISSUED. GILLNET LICENCES WERE FOR
A MAXIMUM OF 2 DAYS AND TROLL LICENCES FROM 2-4 DAYS.
- NO CATCH WAS RECORDED DURING THIS PERIOD.

MAY 14-16 - 6 PM TUES. - 6 PM THURS : 2 DAYS.

8 LICENCES ISSUED AV. 1 CHINOOK

TFW 0-0-0-0-8-0

MAY 21-23 - 6 PM TUES - 6 PM THURS : 2 DAYS

11 LICENCES ISSUED AV. .5-0-0-0-2-.5

TFW 6-0-0-0-22-5

TTD 6-0-0-0-30-5

- WATER VERY HIGH FROM RUN-OFF IN SKEENA RIVER AND
ALSO A LARGE AMOUNT OF DEBRIS.

MAY 28-30 - 6 PM TUES - 6 PM THURS : 2 DAYS

13 LICENCES ISSUED AV. 3-0-0-0-3-1

TFW 40-0-0-0-40-13

TTD 46-0-0-0-70-18

- RUN-OFF CONTINUES TO BE HIGH.

- 3 GN CHECKS MAY 30 & CATCH

- HI BOAT FOR WEEK 9-0-0-12-4 (1 DAY FISHING)

- ONLY FISHING LOW SLACKS - VERY LITTLE EFFORT.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

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- INDIAN FOOD FISHERY CONT.

JUNE 4-6 - 6 PM TUES - 6 PM THURS : 2 DAYS

11 LICENCES ISSUED AV. 10-0-0-0-7-2

TFW 110-0-0-0-77-22

TTD 156-0-0-0-147-40

- RIVER CONT. TO BE HIGH

- 10 GN CHECKED

JUNE 11-13 - 6 PM TUES - 6 PM THURS : 2 DAYS

23 LICENCES ISSUED AV. 30-0-0-0-4-15

TFW 690-0-0-0-92-12

TTD 846-0-0-0-239-62

- 14 GN CHECKED

- RIVER IS DOWN CONSIDERABLY

- SETS CONTINUE TO BE LOW WATER SLACKS ONLY

JUNE 18-20 6 PM TUES - 6 PM THURS : 2 DAYS

45 LICENCES ISSUED AV. 1ST DAY 37-0-0-0-3-1

AV. 2nd DAY 30-0-0-0-3-3

67-0-0-0-6-4

TFW 35 GN.OP. 2345-0-0-0-210-140

TTD 3191-0-0-0-449-202

- 20 GN CHECKED

- BOATS THIS WEEK STILL PUTTING MOST OF THEIR EFFORT
INTO LOW SLACKS BUT ALSO FISHING HIGH SLACK AND
OTHER SETS.

- HI SET JUNE 18 00 SOC. ALONG SMITH IS.

JUNE 19 100 SOC. AT GLORY HOLE

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- INDIAN FOOD FISHERY CONT.

- GN WHO FISHED BOTH DAYS (4 KNOWN) AV. 150 SOC.

- 15 SPRINGS.

- FEEL THERE IS MORE CHIMOOK CAUGHT THAN HAILED
DUE TO TEST FISH INDEX.

JUNE 26-27 6 PM WED - 6 PM THURS : 1 DAY

82 LICENCES ISSUED AV. 84 - 0 - 0 - 1 - 13 - 7

80 GN OP.

TFW 6720 - 10 - 10 - 80 - 1040 - 560

TTD 9911 - 10 - 10 - 80 - 1489 - 762

- 47 GN CHECKED

- MUCH MORE EFFORT OUTSIDE THE RIVER

- HI BOAT 314 SOC.

- GN WHO FISHED FOR WHOLE DAY CAUGHT 2-300 SOC.;
HOWEVER MOST BOATS ONLY MADE 2-4 SETS.

JULY 3-4 6 PM WED - 6 PM THURS : 1 DAY

56 LICENCES ISSUED AV. 100 - 2 - 2 - .5 - 10 - 8

50 GN. OP.

TFW 5000 - 100 - 100 - 25 - 500 - 400

TTD 14911 - 110 - 110 - 105 - 1989 - 1162

- 11 GN CHECKED

JULY 10-11 3 PM WED. - 8 AM THURS : 12 HOURS EXCEPT METLAKATLA

BAND 8 PM WED - 8 PM THURS : 24 HOURS.

66 LICENCES ISSUED AV. 150 - .5 - 5 - .5 - 2 - .5

66 GN OP.

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- INDIAN FOOD FISHERY CONT.

- 46 GN CHECKED

- TFW 9900 - 33 - 330 - 33 - 132 - 33

TTD 24811 - 143 - 440 - 138 - 2121 - 1195

- H1 GN 263 SOC. L0 14 SOC.

AUGUST 8 6AM - 2PM : 8 HOURS

METLAKATLA BAND ONLY

1 GN OP 110-0-14-0-0-6

TTD 24921 - 143 - 454 - 138 - 2121 - 1201 - 13

AUGUST 29-30 12 NOON - 12 NOON : 24 HOURS.

25 LICENCES ISSUED AV. 12.5 - 4.3 - 14.4 - 3.3 - 4 - 2.6

TFW 175 - 60 - 202 - 46 - 6 - 36

TTD 25096 - 203 - 656 - 184 - 2127 - 1237 + 113

- 14 GN OP. , 10 GN CHECKED

- ALL GN CHECKED WERE USING SOC. NETS.

SEPT. 5-6 12 NOON - 12 NOON : 24 HOUR FISHERY

4 LICENCES ISSUED. AV 14-6-9-7-.5

6 GN OP. 3 GN CHECKED

TFD 84 - 36 - 54 - 43 - 3 - 0

TTD 25180 - 239 - 710 - 227 - 2130 - 1237 -

- MOST GN ONLY MADE 1 OR 2 SETS.

TOTAL FOOD FISH CATCH ON ALL SKEENA SYSTEM

203080 - 10839 - 46710 - 1752 - 12430 - 11057

AV 75-84 132132 - 10250 - 28052 - 780 - 6888 - 4219

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SPORT FISHERYCATCHES BY SUB-DISTRICT

SMITHERS - 0 - 200 - 0 - 0 - 700 (INCLUDES JACKS)

HAZELTON - 0 - 250 - 0 - 0 - 75

TERRACE - 0 - 1200 - 0 - 0 - 1300

PR. RUPERT - ⁰NON-TIDAL - 170 - 0 - 0 - 140

TIDAL 40 - 2500 - 3500 - 0 - 2500

- COMMENTS TO THE UP COUNTRY FISHERY WAS THAT DURING MUCH OF THE CHINOOK FISHERY THE SKEENA AND TRIBS. WERE HIGH THEREFORE LIMITING FISHING OPPORTUNITIES. THE CONO FISHERY HAD ONE OF THE POOREST CATCHES THE PRESENT FISHERY OFFICERS REMEMBER.

- THE NON-TIDAL CATCH IN THE WATERFRONT S/D AND AREA 4 S/D CAME LARGELY FROM THE ECSTALL RIVER 40 LGE CHINOOK, 25 JACK CHINOOK AND 50 CONO; KLOIYA CR. 75 CHINOOK; AND DIANA CR. AND THE KAYEX RIVER 50 CONO EACH. OTHER STREAMS WITH CATCH WERE MOORE LOVE CR. 10 CONO AND BIG USELESS CR. 10 CONO. THE CATCH IN THE ECSTALL RIVER DROPPED DRAMATICALLY OVER THE PREVIOUS YEAR WITH THE SAME RESTRICTIONS, AUG. 1ST CLOSURE. THE 1984 CATCH WAS 300 LGE CHINOOK 1983 CATCH 500 CHINOOK.
- TIDAL WATER FISHERY SAW A VERY GOOD CONSISTANT CHINOOK FISHERY FROM EARLY APRIL TO LATE AUGUST. IT WAS NOT A CASE OF CONSTANT LIMITS BEING TAKEN BUT RATHER A CONSISTANT 2-4 CHINOOK / BOAT DAY. THE CONO FISHERY WAS VERY GOOD FOR THE 1ST 3

1985~ RECORD of MANAGEMENT STRATEGIES AREA- 4

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SPORT FISHERY CONT.

WEEKS OF JULY THEN BECOMING VERY POOR FOR
THE REMAINDER OF SUMMER. THE PINK CATCH
RETAINED WAS HIGHER THAN RECENT YEARS MAINLY
DUE TO THE POOR CONO CATCHES AS THE SEASON
PROGRESSED. PINKS CATCHES ARE GENERALLY GOOD
HOWEVER THEY ARE USUALLY RELEASED IN FAVOR OF CONO.

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- RECORD of MANAGEMENT STRATEGIES AREA- 4

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COMMERCIAL FISHING SUMMARY

THE PRE-SEASON FISHING PLANS WERE FOR A TOTAL OF 28 DAYS OF FISHING FOR GILLNETS WHILE SEINES WERE SCHEDULED FOR 4 DAYS. AS A RESULT OF THE LARGER THAN EXPECTED RETURNS OF SOCKEYE AND PINKS A TOTAL OF 26.25 DAYS OF GILLNET FISHING WERE ALLOWED WITH SEINES BEING ALLOWED IN FOR 9 DAYS. MANAGEMENT ACTIONS WHICH WERE EMPLOYED TO REDUCE THE INCIDENTAL CHINOOK, COHO, CHUM AND STEELHEAD CATCHES WERE;

- i) "WINDOW CLOSURES" - DURING WEEKS OF MORE THAN 3 DAYS OF FISHING,
- ii) RIVER CLOSURE (4-15) - DURING MID-WEEK OPENINGS IN EARLY JULY,
- iii) MAXIMUM OF 4 DAYS FISHING PER WEEK,
- iv) GN. MESH RESTRICTIONS - MAX. 137 mm,
- v) RESTRICTIONS FOR SEINE BEACH TIE-OFFS AND EDEY PASS CLOSURE.

ALTHOUGH ALL OF THE ABOVE MENTIONED ACTIONS WERE IMPLEMENTED THE INCIDENTAL CATCHES WERE STILL LARGER THAN DESIRED. THIS IS BELIEVED TO BE PRIMARILY DUE TO A LARGER RETURN OF CHINOOK AND STEELHEAD THAN IN RECENT PAST YEARS. THIS HAS BEEN VERIFIED BY GOOD ESCAPEMENT INDICATIONS OF BOTH SPECIES IN THE SKEENA TEST FISHERY AS WELL AS STREAM SURVEYS. THE LARGE COHO CATCH OCCURED EARLY IN JULY AND NOT MANY OF THESE FISH WERE BELIEVED TO BE DESTINED FOR THE SKEENA.

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~ RECORD of MANAGEMENT STRATEGIES AREA- 4

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FISHING SUMMARY CONT.

THE GN FISHERY STARTED JUNE 30 AND WAS THE EARLIEST OPENING SINCE 1975. THE PEAK GEAR COUNTS WERE 770 GN (JULY 14) AND 153 SN (JULY 21). GN GEAR COUNTS DROPPED TO 500 BOATS BY THE END OF JULY AND TO LESS THAN 200 BOATS BY THE LAST FISHERY. THIS DROP IN GEAR COUNTS WAS MORE DRAMATIC THAN HAS BEEN SEEN IN RECENT YEARS AND IS DUE TO THE GOOD FISHERIES IN AREAS 8, 10 AND JOHNSTONE STRAITS.

TOTAL DAYS FISHED

	<u>1985</u>	<u>1984</u>	<u>1983</u>	<u>1982</u>	<u>1981</u>	<u>1980</u>	<u>75- -84 AV</u>
GN	26.25	22.5	15	18	26	13	20.2
SN	9	6.25	0	6	8	2	4.2

1985 HAILED CATCH (NETS ONLY)

<u>SOC.</u>	<u>CO</u>	<u>PINK</u>	<u>CHUM</u>	<u>CHINOOK</u>	<u>STH</u>
2,206,315	68,438	1,831,504	101,228	33,655	29,247
AV. 1975-1984					
849,840	42,901	666,188	54,101	13,291	8,169

1985 SALES SLIPS (NETS ONLY)

2,165,245	68,642	1,745,623	112,775	30,105	23,571
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BOTH THE SOCKEYE AND PINK CATCHES THIS YEAR WERE RECORDS, AS WELL ALL OTHER SPECIES WERE AMONGST THE HIGHEST EVER RECORDED. OF NOTE IN THE DIFFERENCE BETWEEN HAILED AND SALES SLIP CATCHES OF STEELHEAD, THE FISH AND WILDLIFE BRANCH ASSUMES

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

FISHING SUMMARY CONT.

A TAKE HOME OF 5700 STEELHEAD BY FISHERMEN.

THESE FISH ARE THEREFORE NOT RECORDED ON SALES SLIPS.

DAILY SALMON CATCH

AREA 4

FOR WEEK SEASON

1985

DATE	GEAR OP DEL.	SOC.	COHO	PINK	CHUM	CHIN.	ST. NO.	JACK
JUNE 30/JULY 1	351	(108) 37835	(6.5) 2285	(1) 376	(6.6) 2301	(2.6) 922	(1.9) 300	(1.3) 458
JULY 2	351	(75) 26200	(7.3) 2561	(1.3) 629	(9.3) 3257	(3.4) 1197	(1.2) 416	(2.4) 838
TFW ENDING JULY 7		64035	4846	1005	5558	2119	716	1296
JULY 7/8	595	(130) 112947	(10.9) 6459	(6.3) 4112	(5.5) 3268	(2.5) 1473	(1.3) 757	(1.2) 708
JULY 9	626	(134) 84040	(7.4) 4613	(4.3) 2713	(3.5) 2180	(2.3) 1586	(1.4) 869	(.9) 543
JULY 13/14	770	(151) 116130	(4.5) 3459	(10.6) 8163	(4.7) 3650	(1.7) 1289	(1.2) 887	(1.6) 1206
TFW ENDING JULY 14		313117	14531	14988	9098	4348	2513	2457
TTD		377152	19377	15993	14656	6467	3229	3753
JULY 15	708	(131) 92467	(4.5) 3155	(10.4) 7371	(4) 2850	(1.4) 986	(.4) 316	(1.2) 838
JULY 17/18	676	(187) 126672	(3.3) 2215	(4.6) 9883	(5) 3381	(.5) 324	(.8) 507	(.6) 389
JULY 19	676	(162) 109649	(2.5) 1684	(11) 7424	(4) 2710	(.8) 559	(.3) 171	(.7) 477
TFW ENDING JULY 21		328788	7054	24678	8941	1869	994	1704
TTD		705940	26431	40671	23597	8336	4223	5457
JULY 21/22	685	(241) 170124	(2.1) 1432	(19.2) 13119	(2.2) 1489	(1.1) 773	(1.8) 1206	(.2) 137
	153 SN	(382) 58446	(7.2) 1102	(195) 29835	(11.6) 1775	(4.5) 689	(.1) 153	(10) 1530
	TFD	228570	2534	42954	3264	1462	1359	1667
JULY 23	685	(137) 91225	(1.7) 1176	(18) 12396	(4.5) 3066	(1) 708	(1.4) 993	(.2) 133
	134 SN	(254) 34060	(8) 1072	(249) 33320	(11) 1474	(5) 670	(3) 402	(15) 2010
	TFD	125285	2248	45716	4540	1378	1395	2143
JULY 24	580	(120) 69626	(3.5) 2012	(33.5) 19440	(9.1) 5283	(.7) 412	(1.4) 840	(.2) 120
	143 SN	(245) 34988	(8.7) 1241	(249) 35607	(11) 1593	(5.6) 800	(3) 429	(20) 2860
	TFD	104614	3253	55047	6876	1212	1269	2980
JULY 25	544	(114) 61865	(4) 2178	(47) 25459	(9.4) 4556	(1.1) 601	(1.7) 933	(.2) 109
	140 SN	(58) 81340	(40) 5600	(207) 28980	(130) 18200	(2.5) 3500	(3) 420	(5) 700
	TFD	143205	7778	54438	22756	4101	1353	809
TFW ENDING JULY 28	GN	392840	6798	70413	14394	2494	3972	499
	SN	208834	9015	127742	23042	5659	1404	7100
	ALL GEAR	601674	15813	198155	37436	8153	5376	2699
TTD	GN	1098730	33229	111084	37991	10830	819	5056
	SN	208834	9015	127742	23042	5659	1404	7100

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MATH
WRONG.

WEEK ____ OF ____

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(FOR THIS WEEKLY PERIOD)

DAILY SALMON CATCH

AREA 4

FOR WEEK SEASON

1985

DATE	GEAR OP DEL.	SOC.	COHO	PINK	CHUM	CHIN.	ST.HD.	JACK
TTD (CONT)	ALL GEAR	1307614 (276)	42244 (3.3)	238826 (177)	21033 (7)	12489 (7)	1599 (4.8)	13056 (1)
JULY 28/29	516	142405 (1528)	1711 (16.4)	91100 (2787)	3624 (21)	370 (7.8)	2497 (6.7)	52 (5)
	58 SN	88612	954	161668	1224	451	387	290
	TFD	231017 (149)	2665 (3.2)	252768 (124)	4848 (5.5)	821 (9)	2884 (2.5)	342 (1)
JULY 30	516	76868 (759)	1667 (15)	63888 (1393)	1828 (13)	471 (14)	1305 (10)	52 (5)
	64 SN	48560	960	89120	830	903	640	320
	TFD	125428 (131)	2627 (1.9)	153008 (157)	2658 (5)	1374 (7)	1945 (3.1)	372 (1)
JULY 31	500	65482 (532)	957 (10)	78340 (2126)	2491 (9.7)	354 (5.8)	1536 (3.3)	50 (2)
	66 SN	35080	660	140320	640	380	260	130
	TFD	100562 (109)	1617 (2.8)	218660 (151)	3131 (5.5)	734 (5)	1796 (1.7)	180 (1)
AUG. 3/4	500	54455	1400	75325	2746	226	829	41
TFW ENDING AUGUST 4	GN	339210	5735	308653	10689	1421	6236 6167	195
	SN	172252	2574	391108	2694	1734	1287	740
	ALL GEAR	511462	8309	699761	13383	3155	7522 7454	935
TTD	GN	1437990	38964	419737	48680	12251	14430 15596	4917
	SN	381086	11589	518850	25736	7393	2691	7840
	ALL GEAR	1819076	50553	938587	74416	19644	17121 18287	13921 12757
AUGUST 5	397	47547 (114)	2358 (8.6)	78001 (349)	2763 (11.6)	110 (6)	1003 (2.2)	0 (.06)
AUGUST 6	397	45086 (185)	3422 (5.3)	138394 (284)	4618 (10.3)	240 (1)	891 (4.4)	25 (.02)
AUGUST 10/11	430 1.25 DAYS	79471	2263	122245	4414	38	1885	10
TFW ENDING AUGUST 11	-	172104	8043	338640	11795	388	3779	35
TTD	GN	1610094	47007	758377	60475	12639	10269 19375	11818 4952
	SN	381086	11589	518850	25736	7393	2691	7840
	ALL GEAR	1991180	58596	1277227	86211	20032	20900 22066	14026 12792
AUGUST 12	410	63455 (106)	1777 (3.7)	101125 (141)	4275 (4.4)	60 (1.4)	1513 (4)	10 0
AUGUST 14/15	420	44509 (338)	1537 (20.6)	59165 (3309)	1856 (40)	61 (3)	1666 (7.1)	0 (3)
	35 SN	11825	720	115300	1400	105	250	105
	TFD	56334 (70)	2257 (5)	174965 (178)	3256 (13)	166 (1)	1916 (4)	108 (.02)
AUGUST 16	375	26286 (280)	1887 (17)	66856 (28.2)	2741 (32)	102 (5)	1490 (5)	15 (2)
	26 SN	7230	452	73122	822	130	130	78

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(FOR THIS WEEKLY PERIOD)

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~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

GEAR COUNTS

DATE	SLOUGH	RIVER	GAP	CHATHAM SD (S)	CHATHAM SD (N)	NORTH BDY.	HUDSON BAY PASS	OUTSIDE STEPHENS	EDYE PASS	OWAL BAY	TOTAL
JUNE 30 GN	30	81	17	54	91	54	20	14	2	7	351
JULY 7 GN	0	97	14 *	216	117	48	61	30	6	6	595
JULY 13 GN	17	159	53	334	126	44	15	9	3	10	770
JULY 14 GN	13	92	54	120	258	46	81	21	10	6	PLUS 7 IN PORT EDWARD 708
JULY 17 GN	6	34	54	224	178	92	39	3	3	3	636
JULY 21 GN	7	216	34	302	57	39	10	15	CLOSED	5	685
SN	CLOSED	CLOSED	CLOSED	CLOSED	110	1	8	48	CLOSED	0	167
JULY 24 GN	33	111	49	81	132	68	69	23	CLOSED	14	580
SN	CLOSED	CLOSED	CLOSED	CLOSED	81	8	28	25	CLOSED	1	143
JULY 28 GN	23	188	30	143	52	54	20	5	CLOSED	1	516
SN	CLOSED	CLOSED	CLOSED	CLOSED	35	4	2	9	CLOSED	0	50
AUGUST 3 GN	19	170	20	178	64	37	1	2	3	3	508
AUGUST 4 GN	4	113	14	68	54	101	0	16	0	0	PLUS 27 IN PORT EDWARD 397
AUGUST 10 GN	9	186	11	60	57	99	0	6	2	0	430
AUGUST 14 GN	33	138	11	63	73	90	0	8	3	0	PLUS 4 IN PORT EDWARD 419
SN	CLOSED	CLOSED	CLOSED	CLOSED	26	9	0	CLOSED	CLOSED	CLOSED	35
AUGUST 18 GN	25	95	7	18	35	36	2	4	2	1	225

RECORD OF
MANAGEMENT STRATEGIES

	SCKEYE (SPECIES)	JULY 7 1985 (FOR WEEKLY PERIOD SUN.-SAT.)	4 (AREA)
		COMPARATIVE .1981	YEAR(S) .1980
CURRENT WEEK			
SEINES (OPERATING)			
NO. OF DAYS FISHING	Ø	Ø	Ø
PREVIOUS TOTAL TO DATE			
-	AV ()		
TOTAL TO DATE	Ø	Ø	Ø
GILLNETS (OPERATING)	351 - 351		
NO. OF DAYS FISHING	2 of 2	Ø	Ø
PREVIOUS TOTAL TO DATE	Ø	Ø	Ø
-	64,035 AV (¹⁰⁸ / ₇₅)		
TOTAL TO DATE	64,035	Ø	Ø
TTD (SN and GN)	64,035	Ø	Ø

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- 4-1, 2, 3, 4, 5, 8, 9, 12, 13, 14 & 15
- GN ONLY MAX. MESH SIZE 137mm
- TR. DURING NET TIMES IN NET AREAS AND SUBAREAS 4-1, 2, 3, 4 & 13 7 DAYS PER WEEK.

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES
BOUNDARY CHANGES

AREA OPEN 6:00 AM PM JUNE 30/85

AREA CLOSED 6:00 AM PM JULY 2/85

HR. CIRCLE DATE

- CLOSED AT 6 PM TUES. AS SCHED.
- REASONS: SOC. TEST INDEX AS EXPECTED, LARGE TIDES MAY BE HOLDING FISH TO OUTSIDE THEREFORE NEED TO GET FISH INSIDE TO ENSURE ESCAPEMENTS, CONCERNS FOR EARLY NON-ENHANCED SOC., WANT TO BUILD CHINOOK ESCAPEMENTS AND CATCHES WERE HIGH IN 1ST DAY GN FISHERY, ALSO WE ARE EARLY IN RUN AND CAN HARVEST SOC. SURPLUSES LATER WHEN THEY PEAK.

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC., GEAR TYPE.

AREA OPEN 6:00 AM PM JULY 7 2 DAYS

TIME

DATE

LENGTH OF OPENING

- GN ONLY SAME RESTRICTIONS AND AREAS AS PAST WEEK.
- IF ESCAPEMENTS INCREASE POSSIBILITY OF MORE DAYS AFTER WINDOW CLOSURE.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4 - SKEENA

DATE _____

WEEK ENDING JULY 7

- AREAS OPEN 3, 4, 5, 9, 10, 23, 29 (ALL AREAS EXCEPT 23 ARE GN ONLY)

- GEAR COUNT BY AIRCRAFT AT OPENING TIME

SLOUGH - 30 RIVER - 81 GAP - 17 CHATHAM SD. (S) - 54

CHATHAM SD. (N) - 91 NORTH BDY. - 54 HUDSON BAY PASS - 20

OUTSIDE STEPHENS - 14 EDYE PASS - 2 OVAL BAY 7

TOTAL 351 GN

AREA 3 - 109 GN AREA 5 - 25 GN

- 1ST SETS IN MOST AREAS EXCEPT RIVER AV. GOOD WITH RANGAS FROM 5 TO 55 SOCKEYE.

- AREA 3-1 IS CLOSED FOR CONSERVATION OF CHINOOK AND IS CAUSING SOME BOUNDARY PROBLEMS WITH 6 WARNINGS ISSUED IN 1ST NIGHT FISHING.

- 12 HOUR CATCH FIG.

RIVER/GAP/~~UPPER~~ SLOUGH - 7V - 128-0-0-0-33-23 (18) (47) (3)

- MOST OF FLEET MOVED OUT WITH REMAINING BOATS WELL SPREAD OUT. BOATS ONLY FISHING SLACK TIDES DUE TO BIG TIDES AND DEBRIS.

- HOLLY L. 3 del (28) 83-0-0-0-1-10-3

LAWYER/~~SMITH~~ ISLAND PT. (49) - 16 4V 315-0-0-0-2-2

LAWYER/~~SMITH~~ ISLAND PT. (30) - 52 11V 990-0-0-0-4-1-4

GREEN TOP/RACHEALS (46) - 14 5V 380-0-0-0-1-0

KINNAHAN - 1 1V 62-0-0-0-3

DIGBY (36) 3V 108-0-1-0-2-3

TUGWELL (78) 8V 626-7-0-30-5-13

FINLAYSON 39 (46) (72) 6V 277-1-0-44-16

HUDSON BAY PASS 20 (47) (50) (8) 9V 421-450-36-75-7-6-3

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- WEIGHTS - SOCKEYE - RANGE FROM 4-7 AV. 5.5 lbs.

CONO - 7-10 lbs.

PINK - 4 lbs.

CHUM - 10-15 lbs AV. 11 lbs.

- AREA 3 - 12 HOURS AV. 59 SOC. 5 CHUM.

AREA 5 - " " " 5 SOC. CAPE GEORGE/WILLIS BAY

- GOOD FISHING AROUND HIGH WATER (1 PM) JULY 1ST ON OUTSIDE AREAS.

- MOVEMENT OF FLEET OUT OF RIVER AND SOMEWHAT TOWARDS OUTSIDE AREAS WITH REPORTS OF GOOD CATCHES.

- FIRST DAY CATCHES JUNE 30 - JULY 1

RIVER/SLOUGH 35GN 1890 - 0 - 0 - 0 - 385 - 35 - 0

GAP/CHATHAM SD.(S) 128 GN 16490 - 13 - 13 - 25 - 256 - 256 - 90

CHATHAM SD. (N) 91 GN 9373 - 338 - 27 - 370 - 127 - 92 - 146

NORTH BDY. 20 GN 2210 - 1460 - 120 - 320 - 22 - 20 - 10

HUDSON BAY PASS 54 GN 4986 - 49 - 55 - 735 - 97 - 32 - 54

OUTSIDE STEPHENS/OVAL BAY 23GN 2886 - 425 - 161 - 851 - 35 - 23 - 0

TOTAL 351 GN 37835 - 2285 - 376 - 2301 - 922 - 458 - 300

- SOCKEYE GN AV. FOR YEARS 1970 - 1985 (WEEK ENDING JULY 7)

1970	1971 (STRIKE)	1972	1973 (STRIKE)	
407 - (50)	41 - (62)	352 - (38)	68 - (331)	AV. INCLUDE
395 - (43.5)	30 - (67)	352 - (39)	79 - (311)	IFF CATCH
		354 - (19)	20 - (639)	HOWEVER NOT
			20 - (724)	GEAR THERE-
			32 - (491)	FOR NOT
			44 - (438)	ACCURATE.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- SOCKEYE GN. AV. CONT.

<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>
368 - (41)	288 - (104)	NO OPENING	240 - (32)
368 - (20)	228 - (46)		113 - (58)
			161 - (51)
<u>1978</u>	<u>1979 - 1984</u>	<u>1985</u>	
379 - (42)	NO OPENINGS	351 - (108)	
325 - (41)		351 - (75)	
400 - (40.5)			

- % OF PINKUT SOCKEYE IN TOTAL STOCK.

WEEK ENDING	<u>1981</u>	<u>1980</u>	<u>1979</u>	<u>1978</u>	<u>1977</u>	<u>1976</u>	<u>1975</u>	<u>1974</u>	AV. 72-81
JULY 3	42.68	21.14	30.29	16.45	28.11	30.99	27.58	27.58	28.08
10	36.95	28.40	31.20	7.00	27.30	36.89	37.64	33.04	28.27

- % OF FULTON SOCKEYE IN TOTAL STOCK

WEEK ENDING	<u>1981</u>	<u>1980</u>	<u>1979</u>	<u>1978</u>	<u>1977</u>	<u>1976</u>	<u>1975</u>	<u>1974</u>	AV. 72-81
JULY 3	1.92	5.95	10.15	21.34	26.28	10.26	3.49	8.45	9.91
10	6.79	17.66	22.47	40.50	44.29	13.74	8.61	19.83	20.59
17	16.39	37.81	35.65	45.76	67.71	35.56	34.78	38.99	37.29

- PEAK WEEKS FOR PINKUT ARE WEEK ENDINGS JUNE 26 - JULY 17

AND FOR FULTON ARE WEEK ENDINGS JULY 17 - AUG. 7

- CHINOOK TEST FISHERY INDEX CONTINUES TO BE BEST ON RECORD

1985

- RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- JULY 2 AM. CONFERENCE

- NAILS FROM ALL AREAS EXCEPT CHATHAM SOUTH WERE THE SAME
OR BETTER THAN 1ST NIGHTS FISHING. CHATHAM SOUTH CATCHES
WERE DOWN TO AN AV. OF 50 ON SOCKEYE FROM 80 SOC.

- 2nd DAY CATCHES JULY 2

		(65)	(6)	(5)	(6)	(14)
RIVER/SLOUGH	44 GN	2860 - 0 - 0 - 0 - 220 - 264 - 0	(66)	(13)	(11)	(15)
GAP/CHATHAM SOUTH	119 GN	7854 - 36 - 12 - 60 - 535 - 428 - 167	(80)	(7)	(14)	(12)
CHATHAM NORTH	91 GN	7280 - 637 - 130 - 1157 - 273 - 90 - 180	(84)	(2)	(15)	(15)
NORTH BDY.	54 GN	4536 - 108 - 26 - 810 - 92 - 37 - 26	(80)	(66)	(11)	(27)
HUDSON BAY PASS	20 GN	1600 - 1320 - 231 - 540 - 36 - 8 - 20	(90)	(20)	(10)	(30)
OUTSIDE STEPHENS	23 GN	2070 - 460 - 230 - 690 - 41 - 11 - 23	(75)	(7.1)	(1.8)	(3.3)
	351 GN	26200 - 2561 - 629 - 3257 - 1197 - 838 - 416				(3.4)
					(2.4)	(1.2)

MANAGEMENT MEETING THURS A.M.

(DIST. SUPERVISOR)

- LAURIE GORDON, LES JANTZ (BIOLOGIST), PAUL SPROAT (BIOLOGIST),
ROB WILSON (ASST. DIST. SUPERVISOR), LES DANE (F.O. AREA 3),
BARRY ROSENBERGER (F.O. AREA 4), TIM PANKO (F.O. AREA 5)

- AREA 3 - SOC. RUN LOOKS GENERALLY POOR WITH ESCAPEMENT
25,000 BEHIND DESIRED.

- AREA 4 - SOC. RUN GOOD WITH CATCHES BEST ON RECORD
FOR COMPARATIVE DATES, ESCAPEMENT TO JUNE 30
APPROX. 15,000 AHEAD OF DESIRED, ESCAPEMENT
SLOWED DRAMATICALLY FROM MONDAY (4600) TO
WEDNESDAY (0) WHICH WAS CAUSED BY FISHERY,
LARGE TIDES AND FLOODING (THIS DROP IN ESCAPEMENT
IS OUR BIGGEST CONCERN AT PRESENT), GOOD SHOWING
OF FISH TO OUTSIDE AREAS AND LANGARA IS.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

TAGGING BOAT (AV. WT. 4.5-5.0 lbs.), AREA 4
SCHED. FOR FOUR DAYS NEXT WEEK - DECIDED TO
OPEN ON TWO AND MONITOR ESCAPEMENTS FOR FURTHER
FISHING OPPORTUNITIES, CHINOOK CATCH AND ESCAPEMENT
HIGH TO DATE AND APPEARS GOOD.

- AREA 5 - NO STRENGTH IN ANY LOCAL STOCKS THEREFORE WILL
FISH AS REQUIRED TO SKEENA STOCK STRENGTHS.

RECORD OF
MANAGEMENT STRATEGIES

SOCKEYE
(SPECIES)

JULY 14 1985
(FOR WEEKLY PERIOD SUN.-SAT.)

4
(AREA)

	CURRENT WEEK	COMPARATIVE 19 <u>84</u>	YEAR(S) 19 <u>80</u>
SEINES (OPERATING)			
NO. OF DAYS FISHING	Ø	Ø	Ø
PREVIOUS TOTAL TO DATE			
-	AV ()		
TOTAL TO DATE	Ø	Ø	Ø
GILLNETS (OPERATING)	595-626-770	482-480-480-670-600	552-552-565
NO. OF DAYS FISHING	3 of 3	5 of 5	3 of 3
PREVIOUS TOTAL TO DATE	64,035	Ø	Ø
	311,217 AV (¹⁹⁰ ₁₃₄)	(84)-(105)-(66)-(79)-(113)	(53)-(34)-(66)
		248,112	86,768
TOTAL TO DATE	375,252	248,112	86,768
TTD (SN AND GN)	375,252	248,112	86,768

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- GN ONLY SUBAREAS 4-1, 2, 3, 4, 5, 8, 9, 12, 13, 14 & 15
- MAX. MESH SIZE 137mm
- TROLLING DURING NET TIMES IN NET AREAS AND 4-1, 2, 3, 4 & 13 7 DAYS/WEEK

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES

AREA OPEN 6:00 AM PM JULY 7 REOPEN 6 PM JULY 13 BOUNDARY CHANGES

AREA CLOSED 6:00 AM PM JULY 9 6 PM JULY 15

HR. CIRCLE DATE

- CLOSED AFTER 2 DAYS DUE TO POOR ESCAPEMENTS FOR PAST WEEK. WE FELL 75,000 SOC. SHORT ON ESCAPEMENT FOR WEEK.
- ESCAPEMENTS PICKED UP SUBSTANTIALLY ON WED. AND IT WAS FELT THAT WE WOULD GET GOOD ESCAPEMENTS THROUGH REMAINDER OF WEEK. WITH THE INCREASE IN ESCAPEMENT AND GOOD CATCHES TO DATE DECIDED TO OPEN SAT. FOR 2 DAYS.

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC, GEARTYPE.

AREA OPEN 6:00 AM PM JULY 13 2 DAYS
TIME DATE LENGTH OF OPENING

- GN ONLY, MAX. MESH 137mm, NO BOUNDARY CHANGES.

AREA- 4

WEEK ENDING JULY 14

- AREAS OPEN ALONG COAST ARE AREAS 3,4,5,8,9,10 & 23
- GEAR COUNT AT OPENING FROM AIRCRAFT:

SLOUGH - 0 RIVER - 97 GAP - 14 CHATHAM SD.(S) - 216

CHATHAM SD.(N) - 117 NORTH RDY. - 48 HUDSON BAY PASS - 61

OUTSIDE STEPHENS - 30 EDYE PASS - 6 OVAL BAY - 6

TOTAL 595 GN

AREA 3 - 65 GN AREA 5 - 3 GN

- 12 HOUR CATCH FIG.

RIVER/GAP/SLOUGH - 47GN 14V 774 - 0-0-0-120

AL-100 SEC. L-35 - LARGE NO. OF BOATS WITH UP TO 15 SPRINGS.

- SOC. MAINLY LARGE

SMITH IS. 44 GN 5V ⁽¹³⁸⁾ 620-0-0-3-12-18

LAWYER TS. 27GN 2⁽¹⁰⁵⁾✓ 210-4-0-4

GREEN TOP-ISLAND PT-826N 12✓ ⁽¹⁶⁰⁾ 1920-27-11-112-8-4

- COMMENTS LOTS OF JACK SPRINGS.

- H1 - 230 Lb 40

- 3-4 BOATS JUSTED ARRIVED FROM BARCLAY SD.

- SOC. MAINLY LARGE.

GULL RKS - TOP STEPHENS 45 GN 5V SET AV. (57) - (2) - (68) - (6) - (4) - (2) - (1.4)

9 ✓ AV (113) - (11) - (1.7) - (1.4) - (2.3) - (1)

INSIDE STEPHENS 7GN 4^v ⁽³⁴⁾ ⁽²¹⁾ 135-83-14-15-16

LUCY IS. 2^v ⁽¹¹²⁾ 224 - ⁽¹⁵⁾ 29 - ⁽¹⁰⁾ 20 - 4 - 2

- soc. av. 5/bs.

(171)
KINNARON TS - TUGWELL 24 GN 6V 790-10-7-3-4-1-3

RYAN PT - FINLAYSON 18 GN 8^v 719⁽⁹⁰⁾ -63-38-46-14-7-3

MELVILLE IS. 39 GN 17V ⁽¹³²⁾ 2250 - ⁽²²⁾ 379 - ⁽¹⁵⁾ 258 - ⁽⁹⁾ 154 - 32

LEBO IS. 35 GN 15' ⁽⁴⁴⁾ 654 - 240 - 210 - 65

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

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HUDSON BAY PASS 66N 4V ⁽³⁷⁾ 148 - 54 - 120 - 35 - 3

OUTSIDE STEPHENS 106N 9V ^{(48) (23) (18) (26)} 429 - 203 - 163 - 235 - 2

OVAL BAY/WILLIAM IS. 6V ^{(68) (8) (15) (12)}

- GENERALLY AV. WGT OF SOC. IS REPORTED SMALLER TO OUTSIDE AREAS. SMITH IS. - 5.6 lbs HUDSON BAY PASS - 5.2 lbs.

- TROLLERS REPORTING 50 - 200 COHO/DAY PLUS 5 SOC., 2-4 SPR. AND 50 PINKS. IN THE 4-1 AND 4-13 SUBAREAS.

- 1ST DAYS CATCH JULY 7/8

		(104)	(2)	(15)	(7)	(15)	(2.6)	(3.4)
RIVER/GAP/SLOUGH	44GN	4576	-9	-22	-31	-660	-114	-150
CHATHAM SD.(S)	250GN	58500	-750	-300	-200	-473	-325	-475
CHATHAM SD.(N)	153GN	29223	-2020	-580	-765	-230	-107	-77
NORTH BDY.	48GN	4848	-480	-370	-384	-34	-14	-15
HUDSON BAY PASS	80GN	13200	-2560	-1680	-1008	-56	-128	-32
OUTSIDE STEPHENS/OVAL BAY	20GN	2600	-640	-1160	-880	-20	-20	-8
TOTAL	595GN	112947	-6459	-4112	-3268	-1475	-708	-757

1473

- correction page 29/15

- 2nd MORNINGS HAILS WERE UP ON STEPHENS IS. AND RIVER, HOLDING NORTH BDY AND DOWN IN OTHER AREAS.

- 2nd DAY CATCH JULY 9

		(201)	(1)	(15)	(15)	(1.2)	(1.4)
RIVER/GAP/SLOUGH	55GN	11055	-0	-6	-28	-825	-66-221
CHATHAM SD.(S)	250GN	39250	-500	-100	-100	-405	-150-125
CHATHAM SD.(N)	158GN	18960	-1264	-316	-475	-237	-158-475
NORTH BDY.	48GN	4800	-384	-576	-322	-38	-38-29
HUDSON BAY PASS	80GN	5600	-1240	-840	-800	-56	-40-16
OUTSIDE STEPHENS	35GN	4375	-1225	-875	-455	-25	-91-4
	626GN	84440	-4613	-2713	-2180	-1586	-543-869

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MANAGEMENT MEETING THURS.

L.V. GORDON (DIST. SUPERVISOR), ROB WILSON (ASST. DIST. SUPERVISOR),
TIM PANKO (F.O. AREA 5), BARRY ROSENBERGER (F.O. AREA 4), DAN
WAGNER (F.O. AREA 3), DAVE KNAPTON (F.O. WATERFRONT), PAUL SPROAT
(SENIOR BIOLOGIST), LES JANTZ (NASS/SKEENA BIOLOGIST).

- AREA 3 - SOCKEYE STOCK IS VERY POOR HOWEVER DUE TO RESTRICTED
FISHING TO DATE ESCAPEMENTS ARE AT 10 YEAR AV. CONTINUED
FISHING IN AREA 3 WILL REQUIRE MAJOR CLOSED AREAS TO
ENSURE ESCAPEMENT. CHUMS ARE COMING OFF POOR BROOD
YEAR AND WILL GIVE THEM ALL PROTECTION POSSIBLE.

CHINOOK STOCKS - ESCAPEMENTS HAVE DROPPED OFF THIS
WEEK IN TEST FISHERY AND APPEARS STOCKS ARE MOSTLY IN
RIVER.

- WILL START SUN. SN & GN IN 3-1, 3-2, 3-3, 3-4 + PORTION OF 3-7.

- AREA 4 - SOCKEYE - CATCHES TO DATE BEST ON RECORD WITH GOOD
FISHING THROUGHOUT MOST OF AREA 4 INDICATING STRENGTH TO
RUN. ESCAPEMENTS TO JULY 7 WERE 158,443 AND 167,562
BY MEAN LENGTH METHOD, DESIRED WAS 208,700. DAILY
ESCAPEMENTS ROSE QUICKLY WITH A DROP IN SKEENA WATER
LEVELS ON WED. AND WE FEEL IT WILL CONT. THE
ESCAPEMENT GOAL FOR WEEK ENDING JULY 14 IS 106,800
AND WE WOULD ALSO LIKE TO MAKE UP A PORTION OF LAST
WEEKS UNDERAGE. THE 1ST MAJOR SIGNS OF 4 YR OLDS
WAS IN WED. TEST SETS AND UP TO THIS TIME WE ARE
STRONGLY DOMINATED BY 5'S. IFF WAS GOOD WITH
1ST SETS AV. 92 SOC. AND AV. 151 SOC. FOR 12 HOURS.

- AREA 4 WILL START SAT., GN ONLY, 2 DAYS, NO BOUNDARY
CHANGES.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- SOC. GN AVERAGES WEEK ENDING JULY 14

<u>1970</u> GN	<u>1971 (STRIKE)</u>	<u>1972</u>	<u>1973 (STRIKE)</u>	
374 - (62)	51 - (53)	257 - (26)	68 - (331)	FOOD FISH CATCH
299 - (59)	35 - (20)	259 - (52)	79 - (311)	INCLUDED WITHOUT
		194 - (24)	20 - (639)	# OF BOATS
			20 - (724)	
			32 - (491)	
			44 - (438)	

<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
422 - (137)	589 - (29)	308 - (26)	312 - (173)	398 - (127)
422 - (132)	525 - (29)	375 - (35)	326 - (173)	425 - (120)
392 - (90)			399 - (101)	425 - (78)
			500 - (66)	325 - (49)
				325 - (49)

<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
443 - (113)	552 - (55)	482 - (84)	564 - (88)	443 - (39)
443 - (76)	552 - (34)	480 - (105)	544 - (53)	
	565 - (66)	480 - (76)	544 - (58)	
		670 - (79)		
		600 - (113)		

<u>1984</u>	<u>1985</u>
290 - (102)	595 - (190)
	626 - (134)
	770 - (148)

1985

- RECORD of MANAGEMENT STRATEGIES AREA- 4

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- % OF PINKUT IN TOTAL STOCK

WEEK ENDING	1981	1980	1979	1978	1977	1976	1975	AV. 72-81
JULY 10	36.95	28.40	31.20	7.00	27.30	36.89	37.64	28.27
17	37.23	13.71	30.75	3.64	9.07	29.06	28.89	20.65
24	19.06	7.89	8.87	1.80	4.64	12.80	8.56	9.66

- % OF FULTON IN TOTAL STOCK

WEEK ENDING	1981	1980	1979	1978	1977	1976	1975	AV. 72-81
JULY 10	6.79	17.66	22.47	40.50	44.29	13.74	8.61	20.59
17	16.39	37.81	35.65	45.76	67.71	35.56	34.78	37.29
24	34.61	32.93	55.71	41.26	68.04	62.90	64.03	44.70

- AREA 4 REOPENED JULY 13 6PM (SAT.) FOR GN ONLY. AREAS 3 & 5 TO OPEN SUNDAY FOR 1 DAY.

- AREA 4 - SOCKEYE STOCK APPEARS TO BE AT LEAST AS STRONG

AS EXPECTATIONS (2.6 MILLION). ESCAPEMENTS WERE WELL BELOW

DESIRED FOR LAST WEEK DUE TO HIGH WATER AND THE LOW

DAILY ESCAPEMENTS CARRIED OVER UNTIL TUESDAY OF THIS WEEK WHEN

ON THE LATE AFTERNOON SETS FISH STARTED MOVING UP THE RIVER.

BASED UPON THE INCREASE IN ESCAPEMENT AND GOOD CATCHES TO DATE

IT WAS DECIDED TO OPEN SAT. THIS IS EXPECTED TO WORK WELL WITH

A WINDOW CLOSURES AND REOPEN MID WEEK AND AGAIN ON SUNDAY.

CHINOOK ESCAPEMENTS CONTINUE TO BE GOOD WITH THE 3RD BEST

INDEX TO DATE. THE MAIN MIGRATION ROUTES ARE THROUGH

BROWN PASS AND EDEY PASS FOR SOCKEYE AND THIS IS SHOWN

NOT ONLY IN THE AREA 4 CATCHES BUT ALSO IN A LOW SOCKEYE

CATCH IN AREA 3. 1FF (12 HR FISHERY) 66 GN 9900-33-330-33-132-33-13

WED 8PM - THURS 8A.M. ALASKA ^{TOTAL} CATCHES TO DATE HAVE BEEN

DATE

LOW FOR SOCKEYE HOWEVER THIS IS DUE TO A REDUCED FLKET SIZE
AS THEIR CPUE IS SIMILAR TO PAST AVERAGES.

- GEAR COUNT AT OPENING

SLOUGH - 17 RIVER - 159 GAP - 53 CHATHAM SD. (3) - 334

CHATHAM SD. (N) - 126 NORTH BDY - 44 HUDSON BAY PASS - 15

OUTSIDE STEPHENS - 9 EDYE PASS - 3 OVAL BAY - 10

TOTAL 770 GN

- 12 HOUR CATCH FIG.

RIVER/GAP/SLOUGH 132 GN 19V 3014-0-58-0-62-31
(159) (3) (3) (1.6)

HI - 290 L - 40

- MOST BOATS HAVE NOT PICKED MORNING SET YET.

SMITH 65 GN 8V 630-2-4-0-4-6-4 HI-95 L-23
(49)

ISLAND PT/LAWYER 48 GN 8V 548-18-22-6-1
(69)

GREEN TOP 15 GN 4V 264-7-11-8-0-1-6
(66)

KINNANAN IS. 4 GN 1V 38-4-2-1-1-2

- A.M. FISHING GENERALLY SLOW WITH FISH ALONG LEAD LINE.

AIRPORT 20 GN 7V 486-5-8-6-2-1
(90)

TUGWELL IS. 18 GN 8V 991-7-24-20-2
(124) (3)

BIG BAY 6 GN 4V 170-9-23-22-6-5
(42.5) (6)

FINLAYSON IS. 18 GN 9V 694-12-103-75-1-2
(77)

GULL RKS/LUCY B 60-70 GN 23V 1343-5-37-6-10-14-2
(58)

- APPROX. 1/2 BOATS HAD NOT PICKED MORNING SET.

N. FORCHER IS. 40 GN 16V 1030-35-16-12-4-6-2
(64)

HI - 110 L - 0

OUTSIDE STEPHENS 25 GN 9V 500-127-296-273-1 HI-210
(55) (14) (33) (30)

HUDSON BAY PASS 12 GN 4V 280-42-120-40
(70) (10) (30) (10)

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- SOC. SIZES CONTINUES TO BE MIXED WITH MORE LARGE THAN SMALL.

- 3rd DAYS CATCH JULY 13/14

		(220)	(1.1)	(6.6)	(1.1)	(5)	(3)	(2)
RIVER/GAP/SLOUGH	159 GN	34980	-15	-1054	-10	-795	-477	-318
		(118)	(1)	(6.2)	(1.6)	(1)	(1.5)	(1.3)
CHATHAM SD (S)	200 GN	23600	-200	-1240	-120	-200	-300	-260
		(132)	(3)	(4)	(2.2)	(1.7)	(.8)	(.8)
CHATHAM SD (N)	246 GN	32472	-738	-984	-545	-172	-197	-197
		(114)	(6.8)	(13.3)	(5.9)	(1)	(.7)	(.9)
NORTH BDY.	46 GN	5244	-313	-612	-731	-46	-32	-41
		(182)	(13)	(24.6)	(4.1)	(.6)	(1.9)	(.5)
HUDSON BAY PASS	81 GN	14742	-1053	-1993	-899	-49	-154	-41
		(134)	(30)	(60)	(35.4)	(.7)	(1.2)	(.3)
OUTSIDE STEPHENS	38 GN	5092	-1140	-2280	-1345	-27	-46	-30
		(151)	(4.5)	(10.6)	(4.7)	(1.7)	(1.6)	(1.2)
	770 GN	116130	-3459	-8163	-3650	-1289	-1206	-887

- FISHERY CONTINUES INTO FOLLOWING WEEK.

RECORD OF
MANAGEMENT STRATEGIES

	SOCKEYE (SPECIES)	JULY 21 (FOR WEEKLY PERIOD SUN.-SAT.)	1985 4 (AREA)
	CURRENT WEEK	COMPARATIVE 1981	YEAR(S) 1982
SEINES (OPERATING)	Ø	75-75-41-36-38	191
NO. OF DAYS FISHING	Ø	5 of 5	1 of 1
PREVIOUS TOTAL TO DATE	Ø	Ø	Ø
-	Ø AV ()	(55)(313)(447)(748)(748) 138,521	(600) 114,553
TOTAL TO DATE	Ø	138,521	114,553
GILLNETS (OPERATING)	708-676-676	516-516-568-568 516-440-550	574-649-678
NO. OF DAYS FISHING	3 of 3	7 of 7	3 of 3
PREVIOUS TOTAL TO DATE	375,152	248,112	108,907
	328,788 AV. (181 187 162)	(136)(116)(127)(127)(161)(113)(101) 46,310	(210)-(221)-(210) 341,859
TOTAL TO DATE	703,940	711,422	450,766
TTD (SN AND GN)	703,940	849,943	565,319

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- CONTINUED FISHERY FROM SAT. OF PAST WEEK
- GN ONLY, MAX. MESH SIZE 137mm
- SUBAREAS 4-1, 2, 3, 4, 5, 8, 9, 12, 13, 14 & 15

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES

AREA OPEN 6:00 AM (PM) SAT. JULY 13 REOPENED 6:00 PM WED JULY 17 BOUNDARY CHANGES

AREA CLOSED 6:00 AM (PM) MON. JULY 15 6:00 PM FRI JULY 19

HR. CIRCLE DATE

- BOUNDARY CHANGE 4-15 (RIVER) CLOSED FOR CONSERVATION OF CHINOOK SALMON.
- REOPENED DUE TO INCREASE IN SOCKEYE ESCAPEMENTS AND ESCAPEMENTS TO DATE ARE SLIGHTLY LARGER THAN EXPECTED. CATCHES TO DATE HAVE BEEN GOOD AND ARE COMPARABLE TO THE BIG STOCK YEARS OF 1981 AND 1982.

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC., GEAR TYPE.

AREA OPEN 6:00 AM (PM) SUN. JULY 21 2 DAYS
TIME DATE LENGTH OF OPENING

- OPEN TO SN & GN IN SUBAREAS 4-1, 2, 3, 5, 8, 9, 13, 14 AND 4-12 & 15 GN ONLY
- 4-4 CLOSED TO ALL GEAR CONSERVATION OF CHINOOKS.
- GN MAX. MESH 137mm.
- SN NO REACH TIE OFF ON NORTH FORCHER AND ADJACENT ISLANDS INSIDE A LINE FROM PEARCE PT. - ALICE IS. - GRACE IS. - HUNT PT. (CONSERVATION OF CHINOOK SALMON).
- PROBABLY WILL FISH 4 DAYS WITH WINDOW CLOSURES.

HRM - JUN 85

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DATE

- GEAR COUNT AT OPENING FROM AIRCRAFT. - JULY 14

SLOUGH - 13 RIVER - 92 GAP - 54 CHATHAM SD (S) - 120

CHATHAM SD (N) - 258 NORTH BDY. - 46 HUDSON BAY PASS - 81

OUTSIDE STEPHENS - 21 EDEY PASS - 10 OVAL BAY - 6

PLUS 7 IN PORT EDWARD. TOTAL 708 GN.

AREA 3 - 26 GN 235 SN AREA 5 - 18 GN 14 SN

- 12 HOUR CATCH FIGURES

RIVER/GAP/SLOUGH 97 GN 16V ⁽⁸⁰⁾ 1247 - 0 - 48 - 0 - 39 - 12 ⁽³⁾ ^(2.4)

- 1 GN 12 SPRINGS - DOES NOT APPEAR TO BE DROPPING OFF

- SOCKEYE CATCH ONLY 1/2 YESTERDAY MORNINGS CATCH.

SMITH 37 GN 10V ⁽⁵³⁾ 525 - 1 - 14 - 2 - 3 - 2 NI - 98 SOC.GREEN TOP 12 GN 4V ⁽⁵⁹⁾ 236 - 7 - 12 - 4 - 0 - 1KINNAHAN IS. 6 GN 3V ⁽³⁸⁾ 114 - 1 - 2 - 0 - 1 - 1 - 4ISLAND PT/LAWYER 22 GN 8V ⁽³⁸⁾ 304 - 21 - 17 - 0 - 1 - 0 - 2N. PORCHER/TUGWELL 17V ^(46.5) 792 - 2 - 37 - 17 - 3 - 4 - 3FINLAYSON IS. 20 GN 8V ⁽³⁷⁾ 298 - 24 - 96 - 128 - 3 - 1 ⁽¹²⁾ ⁽¹⁶⁾HUDSON BAY PASS 30 GN 9V ⁽⁵⁹⁾ 531 - 66 - 91 - 25 - 18 - 9 ⁽¹⁰⁾OUTSIDE STEPHENS 11 GN 5V ⁽¹²⁾ 65 - 20 - 215 - 165 - 3 ⁽⁴³⁾ ⁽³³⁾EDEY PASS/HUNT INLET 33 GN 10V ^(81.5) 815 - 10 - 21

- AV. WT. FROM PACKER (OUTSIDE AREAS).

SAG - 5.4 lbs. COHO - 6.4 lbs. PINK - 4.5 lbs. CHUM - 11.9 lbs.

- 1ST DAYS CATCH JULY 15

RIVER/GAP/SLOUGH 159 GN ⁽²⁰²⁾ 32277 - 0 - 1431 - 160 - 620 - 191 - 80 ⁽⁹⁾ ⁽¹⁾ ^(3.9) ^(1.2) ^(1.5)CHATHAM SD (S) 138 GN ⁽¹¹²⁾ 15456 - 345 - 552 - 138 - 69 - 138 - 83 ^(2.5) ⁽⁴⁾ ⁽¹⁾ ^(1.5) ⁽¹⁾ ^(1.6)CHATHAM SD (N) 246 GN ⁽¹⁰⁴⁾ 25584 - 861 - 1230 - 246 - 123 - 246 - 50 ^(3.5) ⁽⁵⁾ ⁽¹⁾ ^(1.5) ⁽¹⁾ ^(1.2)NORTH BDY. 46 GN ⁽⁹³⁾ 4278 - 460 - 235 - 138 - 37 - 28 - 60 ⁽¹⁰⁾ ^(5.1) ⁽³⁾ ^(1.8) ^(1.6) ^(1.3)HUDSON BAY PASS 81 GN ⁽¹³²⁾ 10692 - 729 - 1377 - 648 - 80 - 121 - 24 ⁽⁹⁾ ⁽¹⁷⁾ ⁽⁸⁾ ⁽¹⁾ ^(1.5) ^(1.3)OUTSIDE STEPHENS 38 GN ⁽¹¹⁰⁾ 4180 - 760 - 2546 - 1520 - 57 - 114 - 19 ⁽²⁰⁾ ⁽⁶⁷⁾ ⁽⁴⁰⁾ ^(1.5) ⁽³⁾ ^(1.5)TOTAL 708 GN ⁽¹³¹⁾ 92467 - 3155 - 7371 - 2850 - 986 - 838 - 316 ^(4.5) ^(10.4) ⁽⁴⁾ ^(1.4) ^(1.2) ^(1.4)

H. R. W. M. - DEC 84

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SIG.

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- CLOSED 6 PM JULY 15 AS SCHED. WITH AN ANNOUNCEMENT TO RE-OPEN JULY 17 6 PM FOR 2 DAYS TO 6 PM JULY 19.

REASONS - SOCKEYE CATCHES GOOD TO DATE WITH ESCAPEMENTS SLIGHTLY ABOVE EXPECTED. WITH MID-WEEK OPENING WE WILL HAVE 2 FULL DAY WINDOWS BETWEEN THIS OPENING AND THE EXPECTED SUNDAY OPENING. WITH THE MID-WEEK OPENING SUB-AREA 4-15 WILL BE CLOSED FOR CONSERVATION OF CHINOOK SALMON.

- JULY 17 GEAR COUNT (AIRCRAFT)

SLOUGH - 6 RIVER - 34 (4-15 CLOSED) GAP - 54 CHATHAM SD(S) - 224

CHATHAM SD(N) - 178 NORTH BDY - 92 HUDSON BAY PASS - 39

OUTSIDE STEPHENS - 3 EDEY PASS - 3 OVAL BAY - 3

TOTAL - 636 GN.

- 12 HOUR CATCH FIGURES

GAP 121 GN 25V 1993-3-90-11-26-20-2

SLOUGH/SMITH IS. 132 GN 19V 1410-5-48-11-11-15

ISLAND PT/LAWYER 38 GN 7V 560-27-30-4-1-1-0

LAWYER/GREEN TOP 42 GN 8V 688-20-27-0-0-2-4

GREEN TOP/RACHEALS 45 GN 7V 635-10-12-4-2-0-0

HUNT INLET 6 GN 2V 215-19-21-2-1-2-6

N. PORCHER 37 GN 14V 2210-33-61-3-6-5-3

INSIDE ADRIOTT 10 GN 5V 297-37-23-11-6-1-0

RACHEALS/LUCY 4 GN 2V 37-14-2-0-2

MELVILLE/HAMNER 10V 755-184-77-25-0-2-0

- CATCH IS NOW ABOUT 25% SMALL SOCKEYE.

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- 2nd DAYS CATCH JULY 17/18

		(175)	(.4)	(10)	(.8)	(.5)	(.5)	(.2)
RIVER / GAP / SLOUGH	134 GN	23450	-54-	1340	-107-	67	-67-	27
		(200)	(3)	(16)	(2)	(.6)	(.1)	(2)
CHATHAM SD(S)	224 GN	44800	-672-	3584	-448-	134	-224-	448
		(204)	(5)	(16)	(6.3)	(.4)	(.4)	(.1)
CHATHAM SD.(N)	178 GN	36312	-890-	2848	-1123-	71	-71-	18
		(120)	(2.7)	(10)	(10)	(.3)	(.2)	(.1)
NORTH BDY.	92 GN	11040	-212-	920	-920-	28	-18-	9
		(180)	(5)	(25)	(15)	(.3)	(.2)	(.1)
HUDSON BAY PASS	39 GN	7020	-351-	975	-585-	11	-8-	4
		(450)	(4)	(24)	(22)	(1.5)	(.1)	(.1)
OUTSIDE STEPHENS	9 GN	4050	-36-	216	-198-	13	-1-	1
		(187)	(7.3)	(14.6)	(5)	(.5)	(.6)	(.8)
TOTAL	676 GN	126672	-2215-	9883	-3381-	324	-389-	507

Jack's (Melland)

- 12 HOUR FIGURES JULY 19

LOWER RIVER	7V	561	-2-	78	-4-	0	-3
		(80)					
GAP	61GN	17V	2163	-8-	158	-10-	13-4
		(133)					
SLOUGH/SMITH IS.	74GN	12V	989	-9-	73	-5-	10-10
		(82)					
LAWYER/GREEN TOP	30GN	6V	680	-15-	20	-0-	0-3
		(117)					
GREEN TOP/RACHEALS	22GN	5V	550	-4-	62	-0-	0-1
		(110)					
ISLAND PT/LAWYER	14GN	5V	460	-22-	55	-6-	2
		(92)		(11)			
HUNT PT.	15GN	5V	475	-30-	40	-0-	1-1-4
		(95)		(8)			
FORCHER TS/GULL RE	30GN	9V	457	-5-	32	-2-	0-1-0
		(51)					
GULL RE/RACHEALS	14GN	9V	513	-16-	12	-8-	4-1-1
		(57)					
RACHEALS/STEPHENS	15GN	6V	439	-33-	17	-13-	1
		(72)					
EDGE PASS	10GN	V	690	-6-	25	-7-	2
		(69)					
OUTSIDE STEPHENS	10GN	7V	1640	-0-	20	-30	
		(274)		(3)			
AIRPORT	10GN	5V	230	-2-	39	-12	
		(46)		(8)			
TUGWELL	22GN	8V	333	-2-	66	-10	
		(41)					
BIG BAY	13GN	5V	170	-0-	24	-26	
		(34)					
FINLAYSON IS.	22GN	8V	301	-3-	75	-50	
		(38)					

- AT LEAST 4 SEINE BOATS ARE FISHING GILLNETS DURING THIS OPENING

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- 3rd DAY CATCH FIGURES JULY 19

		(205)	(1.5)	(12)	(.6)	(1.6)	Juvs ⁺ (.7)	8 ⁺ (.3)
RIVER/GAP/SLOUGH	134 GN	27413	- 67	- 1608	- 80	- 214	- 94	- 40
		(150)	(2.5)	(11)	(4)	(.9)	(.5)	(.2)
CHATHAM SD(S)	224 GN	33600	- 560	- 2464	- 896	- 202	- 112	- 45
		(150)	(3)	(6)	(1.5)	(.5)	(.5)	(.2)
CHATHAM SD(N)	169 GN	25350	- 507	- 1014	- 254	- 85	- 85	- 35
		(120)	(2.4)	(16)	(15)	(.5)	(1.3)	(.3)
NORTH BDY	92 GN	11040	- 221	- 1472	- 1380	- 46	- 120	- 28
		(200)	(6)	(11)	(1.6)	(.2)	(1)	(.5)
HUDSON BAY PASS	39 GN	7800	- 234	- 929	- 62	- 8	- 39	- 20
		(234)	(5)	(23)	(2)	(.2)	(1.4)	(.2)
OUTSIDE STEPHENS	19 GN	4446	- 95	- 437	- 38	- 4	- 27	- 4
		(162)	(2.3)	(11)	(4)	(.8)	(.7)	(.23)
TOTAL	676 GN	109649	- 1684	- 7424	- 2710	- 559	- 477	- 171

- CLOSED JULY 19 WITH AN ANNOUNCEMENT THAT AREA 4 WOULD OPEN SUNDAY JULY 21 TO BOTH SN AND GN. SUB-AREA 4-4 IS CLOSED TO ALL GEAR AND SN NO BEACH TIE-OFFS ON N. PORCHER AND ADJACENT IS. INSIDE OF A LINE FROM PEARCE PT. - ALICE IS. - GRACE IS. - HUNT PT. THESE TWO RESTRICTIONS ARE FOR THE CONSERVATION OF ADULT AND JUVENILE CHINOOK.

- RATIONALE: SOCKEYE CATCHES ARE SECOND BEST TOTALS TO DATE PLUS ESCAPEMENTS ARE ABOVE DESIRED ^{AND} WITH 2 DAYS TO GO THIS WEEKS ESCAPEMENT HAS ALREADY BEEN MET. CHINOOK ESCAPEMENTS ARE GOOD ~~WITH~~ 3rd BEST ON RECORD. SPORT FISH CATCHES HAVE BEEN POOR UP COUNTRY TO DATE WITH ONLY 6 LARGE CHINOOK TAKEN TO DATE IN THE ECSTALL RIVER. OTHER SPECIES ARE ABOUT AVERAGE WITH NO APPARENT STRENGTHS OR WEAKNESSES.

RECORD OF
MANAGEMENT STRATEGIES

	SOCKEYE (SPECIES)	JULY 28 (FOR WEEKLY PERIOD SUN.-SAT.)	1985 YEAR(S)	4 (AREA)
	CURRENT WEEK	COMPARATIVE 1981	1982	
SEINES (OPERATING)	153-134-143-140	28-44-64	120-200-220	
NO. OF DAYS FISHING	4 of 4	3 of 3	3 of 3	
PREVIOUS TOTAL TO DATE	Ø	138,521	114,553	
-	208,834 ^{AV (382-245-584)}	(371)-(198)-(180) 30,608	(569)-(661)-(380) 259,698	
TOTAL TO DATE	208,834	169,129	374,251	
GILLNETS (OPERATING)	685-685-580-544	635-635-600-709-691	678-638-638	
NO. OF DAYS FISHING	4 of 4	5 of 5	3 of 3	
PREVIOUS TOTAL TO DATE	703,940	711,422	450,766	
-	392,840 ^{AV (248-132-170-114)}	(104)-(102)-(120)-(72)-(75) 305,930	(130)-(139)-(107) 244,583	
TOTAL TO DATE	1,096,780	1,017,352	695,349	
TTD (SN & GN)	1,305,614	1,186,481	1,069,600	

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- 2 DAYS SN & GN IN SUBAREAS 4-1, 2, 3, 5, 8, 9, 13 & 14 AND 4-12 & 15 GN ONLY
- GN MAX. MESH 127 mm
- SN NO BEACH TIE OFF ON NORTH PORCHER IS. AND ADJACENT ISLANDS INSIDE OF A LINE FROM PEARLE PT. - ALICE IS. - GRACE IS. - HUNT PT.

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES
BOUNDARY CHANGES

AREA OPEN 6:00 AM ^{PM} SUNDAY JULY 21

AREA CLOSED 6:00 AM ^{PM} THURS. JULY 25

- 2 DAY EXTENSION - NO BOUNDARY CHANGES. (NO WINDOW CLOSURE THIS WEEK).

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRICT, GEAR TYPE.

AREA OPEN 6:00 AM ^{PM} SUNDAY ~~AUG. 1~~ ^{JULY 28} 2 DAYS.
TIME DATE LENGTH OF OPENING

- SN & GN SAME RESTRICTIONS AS PAST WEEK.

1985

- RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- GEAR COUNT AT OPENING FROM AIRCRAFT - JULY 21

SLOUGH - 7 GN RIVER - 216 GN GAP - 34 GN CHATHAM SD(N) - 302 GN

Ø SN

Ø SN

Ø SN

Ø SN

CHATHAM SD(N) - 57 GN NORTH BDY - 39 GN HUDSON BAY PASS - 10 GN

110 SN

1 SN

8 SN

OUTSIDE STEPHENS - 15 GN EDEY PASS - CLOSED OVAL BAY - 5 GN

48 SN

Ø SN

TOTAL 685 GN ; 167 SN

- JULY 22 12 HOUR CATCH FIG.

RIVER/GAP/SLOUGH 200 GN(ET.) 21⁽²⁶⁵⁾ 5175-13-450-5-40-52

H1-800 L0-112

(106)

(14)

SMITH IS.

4⁽⁶¹⁾ 425-0-55-0-2-1

H1-200

ISLAND PT/LAWYER 25 GN 4⁽¹⁰⁴⁾ 245-18-80-2-0-2-2GREEN TOP 40 GN 6⁽⁴⁵⁾ 625-10-90-4RACHEALS/GREEN TOP 12 GN 2⁽¹⁴⁵⁾ 90-6-14-4-1-14 SN⁽¹²⁹⁾ 580-0-120 SETS RANGE 15-40AIRPORT 18 GN 7⁽¹⁶³⁾ 906-10-28-15-0-1TUGWELL 13 GN 6⁽¹²⁸⁾ 977-5-52-30-0-1BIG BAY 14 GN 5⁽¹⁶⁵⁾ 640-10-120-35-4-2FINLAYSON IS. 19 GN 8⁽³⁵⁾ 1321-15-142-60N. PORCHER 10 GN 3⁽²³⁶⁾ 285-4-12-3-0-0-050 SN 19⁽⁸¹⁾ 4485-22-852-20-14-4 SETS AV. 30 pcs.OUTSIDE STEPHENS 16 GN 10⁽²⁰⁵⁾ 812-22-334-110-1-2 H1 200 L0 2050+ SN 20⁽¹⁷⁵⁾ 4107-50-3519-415 H1 900 L0 70BELL PASS 1 GN 1⁽¹²¹⁾ 65-0-0-010 SN 7⁽⁵⁸⁾ 850-85-370-30TREE NOB GROUP 11 SN 8⁽³⁴⁰⁾ 2750 50% SOC. H1-1000 L0-80HUDSON BAY PASS 11 GN 4⁽¹¹⁰⁾ (7)-(4)-(4)-(6.3)-(6.3)75 SN 7⁽⁷⁰⁻⁸⁰⁾ /SET 80% SOC.

Specter and
Jacks

~~Walking Jacks~~

BIG BAY 16 GN 6⁽¹³⁾ 92-6-22-13⁽¹³⁾

these
#s are
different
from
the
ones
I
don't
work with.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

FINLAYSON IS. 10GN 5⁽²²⁾ 109-3-29-10⁽⁶⁾ TOO MANY WEEDS TO FISH AT NIGHT.N. PORCHER 10GN 3⁽⁹⁾ 27-0-2-4-0-2 ALL ANCHORED LAST NIGHT30SN 11⁽⁶⁶⁾ 730-0-260-0-3-0⁽²⁴⁾OCEAN TOR 8SN DEL. 4020-84-1624-72-28⁽⁵⁰²⁾ ⁽²⁰³⁾

OUTSIDE STEPHENS 24SN SKIAKL 20/SET 50% SOC 50% P

CHINA IS. 300/SET 25% SOC.

ROLAND RKS. 60/SET 50% SOC.

14GN 7⁽⁴⁵⁾ 320-0-260-135-2-6⁽³⁷⁾TREE MOB GROUP 5SN 3⁽³⁶⁾ (7)-(126)-(11) 12 HOUR AV.

50-170/SET 20% SOC. 70% P.

HUDSON BAY PASS 25GN 10⁽⁸⁵⁾ 850-48-125-121-12^(12.5)

- MANAGEMENT DECISION - 48 HOUR EXTENSION BASED ON WELL ABOVE DESIRED ESCAPEMENTS TO DATE, VERY GOOD CATCHES TO DATE, THE COMMITMENT TO A 30% SN CATCH OF SOC. IN AREAS 1, 3, 4 AND 5 COMBINED AND THE LOW SN CATCH TO DATE REQUIRING MORE TIME IN AREA 4 TO CATCH UP (SOC. CATCHES HAVE ALSO BEEN LOW IN THE OTHER AREAS). DECIDED NOT TO HAVE WINDOW CLOSURE AS MID-WEEK OPENING MAY HAVE DRAWN MORE SN BOATS UP FROM AREAS 12 AND 13, PINK ESCAPEMENTS ARE ON TARGET, CHNOOK AND STEELHEAD INDEXES ARE 3rd BEST ON RECORD OUTSIDE AREAS OF 3 (3-1, 2, 3+4) AND OGDEN CHANNEL MANAGED WITH AREA 4.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE

- 2nd DAYS CATCH JULY 23GN

		(169)	(.2)	(21)	(.4)	(1.7)	(1.6)	(.3)
RIVER/GAP/SLOUGH	257 GN	43433	- 51	- 5397	- 103	- 437	- 411	- 51
		(110)	(1.4)	(8.4)	(1.8)	(.6)	(1.6)	(.2)
CHATHAM SD (S)	180 GN	19800	- 252	- 1512	- 324	- 108	- 288	- 36
		(114)	(2)	(9)	(2)	(.7)	(1.3)	(.2)
CHATHAM SD (N)	118 GN	13452	- 236	- 1062	- 236	- 83	- 153	- 24
		(50)	(3)	(12)	(6.5)	(.8)	(.3)	(.1)
N. BDY	45 GN	2250	- 135	- 540	- 293	- 36	- 14	- 5
		(159)	(5)	(21)	(7.7)	(.6)	(1.7)	(.2)
HUDSON BAY PASS	50 GN	7950	- 250	- 1050	- 385	- 30	- 85	- 10
		(124)	(7.2)	(81)	(49)	(.4)	(1.2)	(.2)
OUTSIDE STEPHENS	35 GN	4340	- 252	- 2835	- 1725	- 14	- 42	- 7
		(133)	(1.7)	(18)	(4.5)	(1)	(1.4)	(.2)
TOTAL	685 GN	91225	- 1176	- 12396	- 3066	- 708	- 993	- 133

SN

(254) (8) (249) (11) (5) (3) (15)
 134 SN 34060 - 1072 - 33320 - 1474 - 670 - 402 - 2010

Jacks

TFD 125285 - 2248 - 45716 - 4540 - 1378 - 1395 - 2143

- 3rd DAYS CATCH JULY 24

		(138)	(.6)	(20)	(1.4)	(1)	(7.6)
RIVER/GAP/SLOUGH	193 GN	26634	- 116	- 3860	- 270	- 193	- 309
		(83)	(1.2)	(12.4)	(4.5)	(.5)	(.8)
CHATHAM SD (S)	81 GN	6723	- 97	- 1004	- 365	- 40	- 65
		(81)	(3)	(11.4)	(.4)	(.7)	(1.3)
CHATHAM SD (N)	102 GN	8262	- 306	- 1163	- 41	- 71	- 133
		(104.5)	(4)	(35.3)	(14.9)	(.3)	(.6)
N. BDY	68 GN	7106	- 272	- 2400	- 1013	- 20	- 41
		(113)	(8.0)	(72)	(23.0)	(.7)	(2.2)
HUDSON BAY PASS	99 GN	17127	- 851	- 7128	- 2336	- 70	- 218
		(102)	(10)	(105)	(34)	(.5)	(2)
OUTSIDE STEPHENS	37 GN	3774	- 370	- 3885	- 1258	- 18	- 74
		(120)	(3.5)	(23.5)	(9.1)	(.7)	(1.4)
TOTAL	580 GN	69626	- 2012	- 19440	- 5283	- 412	- 840

SN

(245) (8.7) (249) (11) (5.6) (3) (20)
 143 SN 34988 - 1241 - 49844 - 1593 - 800 - 429 - 2860

Jacks

TFD 104614 - 3253 - 55047 - 6876 - 1212 - 1269 - 2980

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- 4th DAYS CATCH JULY 25

GN		(104)	(.7)	(36)	(.6)	(2.4)	(1.7)	(.2)
RIVER/GAP/SLOUGH	180 GN	18720	- 126	- 6480	- 112	- 432	- 306	- 36
CHATNAM SD(S)	61 GN	2805	- 61	- 732	- 73	- 43	- 110	- 12
CHATHAM SD(N)	100 GN	6400	- 100	- 2000	- 330	- 40	- 100	- 20
N. BDY	68 GN	7480	- 136	- 3196	- 1020	- 27	- 102	- 14
HUDSON BAY PASS	90 GN	20700	- 1350	- 7200	- 1890	- 36	- 180	- 18
OUTSIDE STEPHENS	45 GN	5760	- 405	- 5850	- 1131	- 23	- 135	- 9
TOTAL	544 GN	61865	- 2178	- 25458	- 4556	- 601	- 933	- 109

SN

140 SN (581) (40) (207) (130) (25) (3) (5)
81340 - 5600 - 28980 - 18200 - 3500 - 420 - 700

TFD 143205 - 7778 - 54438 - 22756 - 4101 - 1353 - 809

- MANAGEMENT MTG.

- SOC. CATCH AV.

1985		1984		1983	
GN	SN	GN	SN	GN	SN
685 - (248)	153 - (382)	649 - (68)	180 - (592)	495 - (18)	NO FISHERY
685 - (133)	134 - (254)	591 - (80)	204 - (327)		
580 - (120)	143 - (245)	460 - (59)	150 - (159)		
544 - (114)	140 - (581)				

1982

1981

GN	SN	GN	SN
678 - (130)	120 - (569)	635 - (104)	28 - (371)
638 - (139)	200 - (561)	635 - (102)	44 - (198)
638 - (107)	220 - (360)	600 - (120)	64 - (180)
		709 - (72)	
		691 - (75)	

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- PINK CATCH ~~AV.~~ FOR BOTH GN AND SN ARE BELOW AV.

AND TOTAL CATCH TO DATE LOW CONSIDERING THE NUMBER OF DAYS FISHED THUS FAR.

- CH/NOOK TOTAL CATCH IS WELL ABOVE AV. FOR THIS TIME AND IS DOUBLE MOST RECENT YEARS.

- STM. TOTAL CATCH IS DOUBLE MOST YEARS EXCEPT 1984 WHICH HAD A CATCH OF 19,291 TO DATE COMPARED TO 1985 10,833. AV IS 3500-5500.

- CHUM AND COHO CATCHES ARE HIGH ALTHOUGH DAILY AV. HAVE FLUCTUATED. A HIGH PROPORTION OF THE CHUM CATCH IS BELIEVED TO BE NAKAT ENHANCED STOCKS BASED ON FISH SIZE AND MARK RECOVERY.

- ESCAPEMENTS TO JULY 25

SOC.	1985	1984	1983	1982	1981
	842,500	551,602	487,160	802,686	632,781

- ESCAPEMENTS ARE ABOUT 200,000 GREATER THAN DESIRED AND WILL SURPASS THE WEEKLY TARGET.

PINK - ESCAPEMENTS ARE ON TARGET AND THE RUN APPEARS TO BE AS EXPECTED.

CH/NOOK - ESCAPEMENT INDEXES ARE THE 4th BEST IN THE LAST 25 YEARS

STEELHEAD - INDEX IS THE 3rd BEST IN LAST 20 YEARS.

COHO AND CHUM - CONTINUE TO BE POOR.

- DUE TO THE MUCH LARGER THAN EXPECTED SOCKEYE RUN AND THE CATCH ALLOCATION OF 30% OF THE SOCKEYE HARVEST TO SEINES IN AREAS 1, 3, 4 & 5 IT WAS DECIDED TO OPEN AREA 4 FOR TWO DAYS TO SN AND GN WITH THE SAME

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

BOUNDARIES AS LAST WEEK.

RECORD OF
MANAGEMENT STRATEGIES

SOCKEYE
(SPECIES)

AUGUST 4 1985 4
(FOR WEEKLY PERIOD SUN.-SAT.) (AREA)

	CURRENT WEEK	COMPARATIVE 1981	YEAR(S) 1982
SEINES (OPERATING)	58-64-66	Ø	48-48
NO. OF DAYS FISHING	3 of 3	Ø	2 of 2
PREVIOUS TOTAL TO DATE	208,834	169,129	374,251
-	172,252 AV. ⁽¹⁵²⁸⁾ ₍₁₅₉₎ 532	Ø	(386)-(728) 53,427
TOTAL TO DATE	381,086	169,129	427,678
GILLNETS (OPERATING)	516-516-500-500	547-547	675-675-680-135 ^{STRIM}
NO. OF DAYS FISHING	4 of 4	2 of 2	4 of 4
PREVIOUS TOTAL TO DATE	1,096,780	1,017,352	695,349
-	339,210 AV. ⁽²⁷⁶⁾ ₍₁₄₉₎ 131-109	(77)-(80) 85,963	(186)-(138)-(112)-(361) 343,361
TOTAL TO DATE	1,437,990	1,103,315	1,038,710
TTD (SN AND GN)	1,819,076	1,272,444	1,466,388

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

AS BELOW.

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES
AREA OPEN 6:00 AM PM SUNDAY JULY 28 REOPEN SAT. AUG 3 BOUNDARY CHANGES

AREA CLOSED 6:00 AM PM TUESDAY JULY 30
HR. CIRCLE DATE

- OPEN 2 DAYS TO SN & GN IN SUBAREAS 4-1, 2, 3, 5, 8, 9, 13 & 14 AND SUBAREAS 4-12 & 15 TO GN ONLY
- SUBAREA 4-4 CLOSED TO ALL GEAR
- SN NO BEACH TIE OFF ON NORTH PORCHER ISLAND OR ADJACENT ISLANDS INSIDE A LINE FROM PEARSE PT. - ALICE IS. - GRACE IS. - HUNT. PT.
- AUG. 3 - OPEN TO GN ONLY - 2 DAYS - 4-4 OPEN.

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC,

AREA OPEN 6:00 AM PM SUN. AUG. 4/85 2 DAYS (CONT. FROM SAT.) GEAR TYPE.
TIME DATE LENGTH OF OPENING

- SUBAREAS 4-1, 2, 3, 4, 5, 8, 9, 12, 13, 14 & 15
- GN ONLY MAX. MESH SIZE 137 MM
- POSSIBLE EXTENSIONS OR WINDOW OPENINGS IF SOCKEYE CONT. STRONG.

RECORD OF
MANAGEMENT STRATEGIES

	PINK (SPECIES)	AUGUST 4 1985 (FOR WEEKLY PERIOD SUN.-SAT.)	4 (AREA)
	CURRENT WEEK	COMPARATIVE 1983	YEAR(S) 1981
SEINES (OPERATING)	58-64-66	Ø	Ø
NO. OF DAYS FISHING	3 of 3	Ø	Ø
PREVIOUS TOTAL TO DATE	127,742	Ø	155,544
-	391,108 AV. ⁽²⁷⁸⁷⁾ ₍₁₃₉₃₎ ₍₂₁₂₆₎	Ø	Ø
TOTAL TO DATE	518,850	Ø	155,544
GILLNETS (OPERATING)	516-516-500-500	495	547-547
NO. OF DAYS FISHING	4 of 4	1 of 1	2 of 2
PREVIOUS TOTAL TO DATE	111,084	141,932	326,106
	308,653 AV. ⁽¹⁷⁷⁻¹²⁴⁾ ₍₁₅₇₋₁₅₁₎	(250) 123,667	(95) (81) 96,181
TOTAL TO DATE	419,737	265,599	422,287
TTD (SN AND GN)	938,587	265,599	577,831

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- SEE SOCKEYE

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES

AREA OPEN 6:00 AM PM SUNDAY JULY 28 6 PM TUES. JULY 30 BOUNDARY CHANGES
6 PM SAT. AUG. 3

AREA CLOSED 6:00 AM PM TUESDAY JULY 30 6 PM WED. JULY 31 6 PM SUN. AUG. 4
HR. CIRCLE DATE

- 24 HOUR EXTENSION NO CHANGE IN BOUNDARIES
- RATIONALE - EXCELLENT CATCHES BY FLEET, GOOD DAILY TEST INDEXES FOR SOC., RECORD CATCHES OF PINK AND GOOD ESC. TO JULY 28, CHINOOK AND STEELHEAD ESC. INDEXES GOOD TO DATE.
- AREA 4 OPENED TO GN ONLY SAT. DUE TO THE STRENGTH OF SOCKEYE STOCK (GOOD ESC. AND CATCHES TO DATE.) PINK CATCHES TO DATE WELL ABOVE AV. HOWEVER ESC. LOW.

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRICT.,

AREA OPEN 6 PM AM PM SUN. AUG 4 CONTINUED FROM SAT. OPENING GEAR TYPE.
TIME DATE LENGTH OF OPENING

- 2 DAY OPENING ALL AREA TO HARVEST SOC. IF PINK ESCAPEMENTS IMPROVE POSSIBILITY FOR EXTENDED FISHING TIMES.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- GEAR COUNT AT OPENING JULY 28

SLOUGH - 23 GN RIVER - 188 GN GAP - 30 GN

0 SN

0 SN

0 SN

CHATHAM SD.(S) 143 GN CHATHAM SD (N) - 52 GN

0 SN

43 SN

NORTH RDY - 54 GN HUDSON BAY PASS - 20 GN OUTSIDE STEPHENS - 5 GN

4 SN

2 SN

9 SN

EDYE PASS - CLOSED OVAL BAY - 1 GN TOTAL - 516 GN

0 SN

58 SN.

- AREA 3 - 53 GN AREA 5 - 7 GN

86 SN

5 SN

- JULY 29 12 HOUR CATCH FIGURES

RIVER/GAP/SLOUGH - 22 GN ⁽³⁰⁹⁾ 6801 - 14 - 2023 - 3 - 16 - 49SMITH - 35 GN 6 ⁽⁸⁷⁾ 520 - 2 - 480 - 4ISLAND PT/LAWYER - 30 GN 5 ⁽⁹⁰⁾ 450 - 30 - 350 - 6 - 2HOLLAND ROCK - 4 GN 2 ⁽⁷⁰⁾ 140 - 0 - 120 - 0 - 0 - 1GREEN TOP - 20 GN 5 ⁽⁷²⁾ 360 - 8 - 388 - 12 - 1HUNT PT LINE - 4 SN 3 ⁽⁹²⁾ 300 pcs, 200 pcs, 250 pcs. 50% SOC. 50% P.AIRPORT - 12 GN 5 ⁽⁷⁸⁾ 460 - 1 - 390 - 11 - 0 - 1TUGWELL IS. - 8 GN 3 ⁽¹²⁷⁾ 380 - 19 - 190 - 6BIG BAY - 10 GN 4 ⁽⁵⁰⁾ 201 - 0 - 270 - 21FINLAYSON IS - 23 GN 7 ⁽⁶⁴⁾ 449 - 9 - 1760 - 121 - 2 - 2N. PORCHER - 15 GN 7 ⁽¹⁴⁰⁾ 983 - 26 - 1086 - 17 - 10 - 1435 SN 10 ⁽⁶³⁰⁾ - (1350) SETS THIS A.M. 30-80

AND AFTER TIDE CHANGE UP TO 1000.

EDYE PASS/SKIACKL BAY - 7 SN 2 ⁽²⁹⁰⁰⁾ 5800 pcs. 85% PINK SETS AV. 2506 GN 6 ⁽¹¹⁸⁾ 709 - 2 - 1551 - 270 - 0 - 13SKIACKL/BELL PASS - 7 SN 6 ⁽¹⁶⁰⁰⁾ ON BOARD 400/SET 30% SOC.

H. R. M. N. - DEC 84

1985

RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

BROWN PASS - 5GN 2⁽¹⁰²⁾ 206 - 29 - 300 - 51 - 0 - 1

- 1ST DAYS CATCH JULY 29

		(400)	(1)	(109)	(.7)	(.9)	(5)
RIVER/GAP/SLOUGH	218GN	87200	218	23762	153	196	1089
CHATHAM SD (S)	143GN	20401	532	31937	386	86	572
CHATHAM SD (N)	66GN	19546	304	10384	396	66	500
N. BDY	54GN	7398	167	13905	949	11	146
HUDSON BAY PASS	20GN	4000	400	6000	900	6	100
OUTSIDE STEPHENS	15GN	3860	90	5112	840	5	90
TOTAL	516GN	142405	1711	91100	3624	370	2497

SN 58 SN - 88612 - 954 - 161668 - 1224 - 451 - 387 - 290

TED - 231017 - 2665 - 252768 - 4848 - 821 - 2884 - 342

- JULY 30 12 HOUR CATCH FIGURES

RIVER/GAP/SLOUGH - 112GN 18⁽¹⁰⁹⁾ 1966 - 6 - 1854 - 4 - 5 - 20

- ALL ANCHORED AFTER LOW WATER LAST NIGHT AND

ONLY A FEW FISHED HI WATER, CATCHING 20-25 pss.

SMITH IS. - NO BOATS THIS A.M.

ISLAND PT./LAWYER - 30GN 9⁽⁶⁵⁾ 585 - 12 - 630 - 12 - 1 - 2

GREEN TOP - 42GN 10⁽⁵²⁾ 524 - 4 - 650 - 16 - 0 - 4

AIRPORT - 22GN 6⁽¹⁴⁹⁾ 895 - 5 - 125 - 7

TUGWELL IS. - 10GN 5⁽⁴²⁾ 210 - 12 - 185 - 17

BIG BAY - 8GN 5⁽²⁷⁾ 136 - 5 - 410 - 21

FINLAYSON IS. - NO BOATS FISHING LAST NIGHT.

N. PORCHER - 10GN 7⁽⁷²⁾ 720 - 13 - 699 - 15 - 7 - 19

51 SN 6⁽⁷⁰⁾ 5-50/SET 20% SOC NEAR CREAK IS.

50-200/SET AT EDYE PASS

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

LAWYER/RACHEALS 3GNV ⁽⁵²⁾ 155 - 0 - ⁽²⁸⁾ 84 - 2 - 1 - 2RACHEALS/TREENOR GROUP 20+GN 3V ⁽¹¹³⁾ 338 - 27 - ⁽⁶¹⁾ 183 - 13 - 2 - 12

BROWN PASS - FLEET ALL MOVED IN DUE TO WEATHER AND ONLY

PINKS IN SETS.

OUTSIDE EDE PASS - 3SN 3V AV. 500/SET 40% SOC.

BUTLER COVE - 5SN 3V AV 350/SET 25% SOC.

5GN 2V ⁽¹⁷⁵⁾ 350 - 0 - ⁽¹¹³⁾ 225 - 10 - 0 - 10- MANAGEMENT DECISION

- SOC. - CPUE BEST EVER FOR THE TIME, TOTAL CATCH BEST EVER AND APPEARS AS THOUGH MORE TO COME (CATCHES GOOD AT LANGARA AND DUNDAS IS.), ESC. HIGH, WE ARE NOW INTO BABINE RIVER STOCK WHICH HAD^A GOOD ESCAPEMENT IN 1980.

- PINK - CPUE GOOD, ESC. ABOUT ON TARGET FOR AV. TIMING HOWEVER WELL BEHIND THE LAST 3 CYCLES WHEN RUN TIMING WAS CONDENSED.; AV. WT 3.7 lbs.

- CHINOOK - CATCHES DROPPING OFF FAST.

- STH - CPUE HIGH, ESC. 3rd BEST IN LAST 20 YEARS.

- CANO - CPUE SLIGHTLY BELOW AV., ESC. POOR TO DATE.

- CHUM - CPUE GOOD COMPARED TO ALL YEARS EXCEPT 1984.

- DECIDED TO EXTEND 24 HOURS WHICH WOULD HOPEFULLY SLOW SOC. ESC. AND WOULD BE PROBABLY LAST DAY OF SN FISHING ON SOC. IT WAS FELT THAT THE 1 DAY EXTENSION WOULD BE BETTER THAN CLOSING FOR 2 DAY WINDON AND REOPENING MID-WEEK WHICH WOULD DRAW A LARGER FLEET.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- JULY 30 2nd DAYS CATCH

RIVER/GAP/SLOUGH	200 GN	32000	-400	-26600	-200	-240	-440	
		(160)	(2)	(133)	(1)	(1.2)	(2.2)	
CHATHAM SD (S)	138 GN	20700	-414	-14766	-414	-69	-414	
		(150)	(3)	(107)	(3)	(1.5)	(3)	
CHATHAM SD (N)	94 GN	15416	-470	-9118	-461	-141	-329	
		(164)	(5)	(97)	(4.9)	(1.5)	(3.5)	
N. BDY	54 GN	4752	-173	-8004	-378	-16	-32	
		(88)	(3.2)	(148)	(7)	(.3)	(1.6)	
HUDSON BAY PASS	20 GN	2000	-150	-4000	-250	-2	-60	
		(101)	(7.5)	(200)	(12.5)	(1.1)	(3)	
OUTSIDE STEPHENS	10 GN	2000	-60	-1400	-125	-3	-30	
		(200)	(6)	(140)	(12.5)	(.3)	(3)	
TOTAL	516 GN	76868	-1667	-63888	-1828	-471	-1305	-52
		(149)	(3.2)	(124)	(3.5)	(.3)	(2.3)	(.1)

64 SN (759) (15) (1393) (17) (14) (10) (5)
48560 - 960 - 89120 - 830 - 903 - 640 - 320

TFD 125428 - 2627 - 153008 - 2658 - 1374 - 1945 - 372

- JULY 31 12 HOUR CATCHES

- ALL AREAS DOWN EXCEPT CHATHAM SD.(S) WHERE CATCHES WERE UP SLIGHTLY. CATCHES ARE STILL GENERALLY GOOD IN MOST AREAS.
- SOC. ESCAPEMENTS DROPPING AND TO ALLOW FOR ESCAPEMENTS TO ALL OTHER SPECIES ANNOUNCED CLOSURE FOR 6 PM AS SCAED.

- JULY 31 3rd DAYS CATCH

RIVER/GAP/SLOUGH	150 GN	17685	-261	-13050	-276	-116	-653	
		(122)	(1.8)	(90)	(1.9)	(1.3)	(4.5)	
CHATHAM SD.(S)	100 GN	21900	-180	-22950	-105	-165	-300	
		(146)	(1.2)	(153)	(.7)	(1.1)	(2)	
CHATHAM SD.(N)	145 GN	15500	-190	-14600	-260	-40	-400	
		(155)	(1.9)	(146)	(2.6)	(.4)	(4)	
N. BDY	55 GN	4222	-138	-15840	-1100	-17	-33	
		(77)	(2.5)	(283)	(20)	(.3)	(1.6)	
HUDSON BAY PASS	25 GN	3000	-88	-7500	-500	-8	-75	
		(120)	(3.5)	(300)	(2.1)	(.3)	(3)	
OUTSIDE STEPHENS	25 GN	3175	-100	-4400	-250	-8	-75	
		(127)	(4)	(176)	(10)	(1.3)	(2)	
TOTAL	500 GN	65482	-957	-78340	-2491	-354	-1536	-50
		(131)	(1.9)	(157)	(2.1)	(.7)	(3.7)	(.7)

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

SN (532) (10) (2126) (9.7) (5.8) (3.9) 2
66SN 35080 - 660 - 140320 - 640 - 380 - 260 - 130

TFD 100562 - 11617 - 218660 - 3131 - 734 - 1796 - 180

- BARINE FENCE COUNTS TO AUG. 3

JACK SOCKEYE DAILY - 590

Lge SOCKEYE DAILY 86/43

TTD - 1880

506471

DATE AUGUST 2

MANAGEMENT MEETING

L.V. GORDON (DISTRICT SUPERVISOR), TIM PANKO (F.O. AREA 5),
BARRY ROSENBERGER (F.O. AREA 4), DAN WAGNER (F.O. AREA 3)

SOC. - CATCH TO DATE ALL TIME RECORD 1,764,621

ESC. IS 350,000 MORE THAN DESIRED HOWEVER IT WAS
ALL ACCUMULATED THROUGH THE PREVIOUS 3 WEEKS. THIS
WEEKS ESCAPEMENT SHOULD BE CLOSE TO EXPECTATIONS.

TOTAL ESC. TO DATE AUG. 1 1,113,055. BARINE FENCE
COUNTS TO AUG. 1 97,002 FOR THE DAY AND TOTAL TO
DATE 332,509. CONTINUED GOOD FISHING ON OUTSIDE OF
AREA 4 DURING LAST OPENING AS WELL AS ABOVE AV.
CATCHES IN ALASKA 101 SN FISHERY, 104 SN FISHERY
AND 101 GN FISHERY WHICH ARE THOUGHT TO BE MAINLY
SKEENA STOCKS.

PINK - CATCH TO DATE IS 863,262 WHICH IS ABOVE AVERAGE.

THERE HAS ALSO BEEN A MILLION PINK CATCH IN AREA 3

AND A WELL ABOVE AVERAGE CATCH IN AREA 5. ESCAPEMENTS

TO DATE ARE AT DESIRED LEVELS FOR AV. ODD YEAR

TIMING, HOWEVER ESCAPEMENTS ARE 100,000 - 200,000

BEHIND THE PREVIOUS 3 CYCLE YEARS. THE STOCK IS

GENERALLY THOUGHT TO BE GOOD HOWEVER THE ESCAPEMENT

WILL BE CLOSELY MONITORED.

CHUM - CATCHES IMPROVED THIS PAST OPENING HOWEVER CPUE

HAS GENERALLY BEEN LOW EXCEPT OUTSIDE AREAS WHERE

NAKAT STOCKS HAVE BEEN IDENTIFIED. THIS PAST WEEK

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

LARGER (12-25 lb), DARKER CHUMS WERE BEING CAUGHT INDICATING A LARGER % SKEENA STOCKS. CATCHES UP UNTIL NOW HAVE AV. 10-12 lbs.

COHO - CATCHES HAVE BEEN POOR ALL SEASON AND TROLLERS ARE HAVING POOR CATCHES.

CHINOOK - CATCHES THIS WEEK WERE MAINLY SMALLER FEEDERS WITH THE MAJORITY OF THE SKEENA STOCKS (EXCEPT THE ECSTALL RIVER) THROUGH THE FISHING AREA AT THIS TIME.

STEELHEAD - CATCHES TO DATE ARE HIGH AND THE TEST INDEX IS THE 3rd BEST ON RECORD. THE STEELHEAD IN THE CATCHES THIS WEEK WERE GENERALLY LARGE AV. 20 lbs.

- WITH THE ABUNDANCE OF SOCKEYE AND PINKS AND THAT THERE WILL BE A 3 DAY CLOSURE, IT WAS DECIDED TO OPEN SAT. FOR GNL ONLY TO HARVEST THE SURPLUS SOCKEYE AND PINK. CONCERNS WERE EXPRESSED FOR THE HIGH STH. CATCHES AND AGREED TO MAINTAIN WINDOWS TO ENSURE ESCAPEMENTS. UP RIVER SPORT FISHING HAS BEEN VERY POOR FOR CHINOOK, GIVING SOME CONCERN AS TO STOCK STRENGTH. THE TOTAL SOCKEYE STOCK IS ~~ARE~~ NOW PROTECTED AT 3.2 - 3.7 MILLION. THE GENERAL FEELING WAS IF THE PINK STOCK MAINTAINS ITSELF THERE IS A GOOD POSSIBILITY FOR EXTENSIONS AND IF THE PINK STOCK IMPROVES POSSIBLY A WINDOW OPENING WITH A MID-WEEK OPENING. AREAS 3-1, 3-2, 3-4 AND AREA 5 WILL BE MANAGED WITH THE SKEENA.

HRM/N - DEC 84

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- GEAR COUNT AUG. 3

SLOUGH - 19 RIVER - 170 GAP - 20 CHATHAM SD. (S) - 178

CHATHAM SD (N) - 64 NORTH BDY - 37 HUDSON BAY PASS - 1

OUTSIDE STEPHENS - 2 EDYE PASS - 3 OVAL BAY - 3

TOTAL - 508 GN

- AUG. 4 12 HOUR FIGURES.

RIVER/GAP/SLOUGH - 152 GN 13⁽⁸²⁾ 1062 - 10 - 1233 - 0 - 1 - 17⁽⁹⁵⁾SMITH IS. - 12 GN 6⁽⁵⁸⁾ 348 - 3 - 270 - 2 - 1 - 2⁽⁴⁵⁾

ISLAND PT/LAWYER - NO GN.

HOLLAND ROCK - 8 GN 4⁽⁵⁸⁾ 232 - 14 - 525 - 3⁽¹²¹⁾GREEN TOP - 10 GN 5⁽⁶²⁾ 310 - 8 - 680 - 14 - 2 HI 110 - - 200⁽¹³⁶⁾AIRPORT - 2 GN 2⁽¹⁷⁾ 35 - 0 - 65 - 5⁽³²⁾TUGWELL IS. - 16 GN 6⁽⁷²⁾ 435 - 8 - 490 - 27⁽⁸²⁾BIG BAY - 10 GN 4⁽⁶¹⁾ 270 - 7 - 180 - 38⁽⁴⁵⁾FINLAYSON - 18 GN 5⁽⁵⁸⁾ 289 - 9 - 260 - 92^{(52) (118)}N. PORCHER - 12 GN 6⁽²³⁾ 140 - 40 - 409 - 27 - 4 - 1 - 0⁽⁶³⁾RACHEALS/CONGREVE 4 GN 4⁽⁴⁷⁾ 189 - 81 - 315 - 49 - 2 - 2 - 0^{(20) (79)}OUTSIDE STEPHENS 6 GN 3⁽⁸¹⁾ 245 - 12 - 1050 - 165 - 0 - 10^{(350) (55)}- AUG. 4 CATCH 4th DAYRIVER/GAP/SLOUGH 190 GN - 23750 - 475 - 38950 - 152 - 171 - 570 - 19^{(125) (2.5) (205) (1.3) (1.9) (3) (1.1)}CHATHAM SD (S) 149 GN - 13410 - 298 - 18625 - 224 - 30 - 149 - 15^{(60) (2) (125) (1.5) (1.2) (1) (1.1)}CHATHAM SD (N) 64 GN - 5120 - 352 - 7040 - 576 - 19 - 64 - 6^{(80) (5.5) (110) (9) (1.3) (1) (1.1)}N. BDY 87 GN - 10875 - 165 - 6960 - 1044 - 0 - 44 - 0^{(125) (1.9) (80) (1.2) (1.5)}

HUDSON BAY PASS 0

OUTSIDE STEPHENS 10 GN - 1300 - 110 - 2750 - 750 - 5 - 70 - 1^{(120) (11) (775) (75) (1.5) (1) (1.1)}TOTAL 500 GN 54455 - 1400 - 75325 - 2746 - 226 - 829 - 41^{(109) (2.3) (127) (5.3) (1.3) (1.1) (1.1)}

RECORD OF
MANAGEMENT STRATEGIES

	SOCKEYE (SPECIES)	AUGUST 11 (FOR WEEKLY PERIOD SUN.-SAT)	1985 4 (AREA)
	CURRENT WEEK	COMPARATIVE 1981	YEAR(S) 1982
SEINES (OPERATING)	Ø	Ø	Ø
NO. OF DAYS FISHING	Ø	Ø	Ø
PREVIOUS TOTAL TO DATE	381,086	169,129	427,678
-	Ø AV ()	Ø	Ø
TOTAL TO DATE	381,086	169,129	427,678
GILLNETS (OPERATING)	397-397-430	557-445	STRIKE STRIKE 145-145-376
NO. OF DAYS FISHING	3.25 of 3.25	2 of 2	3 of 3
PREVIOUS TOTAL TO DATE	1,435,990	1,103,315	1,038,710
	172,104 AV (¹²⁰ / ₁₁₄ / ₁₈₅)	(56)-(84) 68,159	(330)-(198)-(120) 120,607
TOTAL TO DATE	1,610,094	1,171,474	1,159,317
TTD (SN and GN)	199,1180	1,340,603	1,586,995

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- 4-1,2,3,4,5,8,9,12,13,14 & 15
- GN ONLY MAX. MESH SIZE 137mm

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES

AREA OPEN 6:00 AM PM SUNDAY AUG. 4 (CONT. FROM AUG. 3 OPENING) BOUNDARY CHANGES
12 NOON SAT. AUG. 10
AREA CLOSED 6:00 AM PM MON. AUG. 5 6 PM SUN. AUG. 11

- EXTENDED 24 HOURS TO 6 PM TUES. AUGUST 6 - NO CHANGE IN BOUNDARIES.
- RATIONELLE: CONT. GOOD SOCKEYE CATCHES AND ESCAPEMENTS IN AREA 4, AS WELL GOOD SOC. CATCHES AT DUNDAS IS. AND AREA 1. PINK CATCHES HAVE BEEN GOOD AND ESCAPEMENTS ARE AT DESIRED LEVELS. STH. TEST INDEX IS 3rd BET ON RECORD.
- RE-OPENED NOON SAT. DUE TO INCREASED SOC. AND PINK ESCAPEMENTS AND THE GOOD CATCHES TO DATE.

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC;

AREA OPEN 6:00 AM PM SUNDAY AUG. 11 1 DAY (CONT. FROM SAT. GEAR TYPE.
TIME DATE LENGTH OF OPENING NOON OPENING).

- GOOD POSSIBILITY FOR MID-WEEK FISHERY IF SOC. CONT. STRONG AND PINK ESCAPEMENTS IMPROVE.

RECORD OF
MANAGEMENT STRATEGIES

	<u>PINK</u> (SPECIES)	<u>AUGUST 11</u> (FOR WEEKLY PERIOD SUN.-SAT)	<u>1985</u> YEAR(S)
	CURRENT WEEK	COMPARATIVE <u>1983</u>	<u>4</u> (AREA) <u>1981</u>
SEINES (OPERATING)	Ø	Ø	Ø
NO. OF DAYS FISHING	Ø	Ø	Ø
PREVIOUS TOTAL TO DATE	518,850	Ø	155,544
-	Ø AV ()	Ø	Ø
TOTAL TO DATE	518,850	Ø	155,544
GILLNETS (OPERATING)	397 - 397 - 430	526 - 300 - 250 - 210	557 - 445
NO. OF DAYS FISHING	3.25 of 3.25	4 of 4	2 of 2
PREVIOUS TOTAL TO DATE	419,737	265,599	422,287
	338,640 AV (¹⁹⁶ ₃₄₉ 284)	(680) - (241) - (219) - (242) 269,551	(611) - (147) 99,084
TOTAL TO DATE	758,377	535,150	521,371
TTD (SN AND GN)	1,277,277	535,150	676,915

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEARTYPES, AND CHANGES DURING THE WEEK.

- 4-1, 2, 3, 4, 5, 8, 9, 12, 13, 14 + 15
- GN ONLY (MAX. MESH SIZE 137 mm).

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES, BOUNDARY CHANGES

AREA OPEN 6:00 AM PM SUNDAY, AUG 4 (CONT. FROM SAT. OPENING).

AREA CLOSED _____ AM PM _____
HR. CIRCLE DATE

- AS PER SOCKEYE.

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRICT, GEARTYPE.

AREA OPEN _____ AM PM _____
TIME DATE LENGTH OF OPENING

- AS PER SOC.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- GEAR COUNT AUGUST 4

SLOUGH - 4 RIVER - 113 GAP - 14 CHATHAM SD(S) - 68

CHATHAM SD(N) - 54 NORTH BDY - 101 HUDSON BAY PASS - 0

OUTSIDE STEPHENS - 16 EDYE PASS - 0 OVAL BAY - 0

PORT EDWARD 27 (CHANGING NETS). TOTAL 397 GN

- AUGUST 5 1ST DAYS CATCH

	(139)	(2.5)	(301)	(1.5)	(4)	(2)
RIVER/GAP/SLOUGH 163 GN	22657	- 408	- 49063	- 245	- 70	- 326

CHATHAM SD(S) 63 GN	3528	- 189	- 6363	- 246	- 13	- 158
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CHATHAM SD(N) 70 GN	3182	- 953	- 4900	- 878	- 7	- 145
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NORTH BDY 101 GN	18180	- 808	- 17675	- 1394	- 20	- 374
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HUDSON BAY PASS 0

OUTSIDE STEPHENS 0

	(120)	(5.9)	(196)	(7)	(63)	(2.3)
TOTAL 397 GN	47547	- 2358	- 78001	- 2763	- 110	- 1003

- DUE TO CONTINUED HIGH CATCH AND GOOD ESCAPEMENTS TO BOTH SOCKEYE AND PINKS THE FISHERY IS EXTENDED 24 HOURS TO 6 PM TUES. AUGUST 6.

- 12 HOUR CATCHES WERE UP FROM PREVIOUS DAY IN ALL AREAS

- AUGUST 6 2ND DAYS CATCH

	(140)	(5.1)	(663)	(.9)	(.9)	(1.3)
RIVER/GAP/SLOUGH 163 GN	22820	- 831	- 108069	- 147	- 147	- 293

CHATHAM SD(S) 63 GN	5544	- 256	- 7875	- 359	- 63	- 145
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CHATHAM SD(N) 60 GN	2400	- 1740	- 10500	- 2180	- 10	- 120
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NORTH BDY 101 GN	13922	- 505	- 9090	- 1212	- 20	- 303
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HUDSON BAY PASS 0

	(40)	(9)	(286)	(72)	(3)
OUTSIDE STEPHENS 10 GN	400	- 90	- 2860	- 720	- 0 - 30

TOTAL 397 GN	45086	- 3422	- 138394	- 4618	- 240	- 891
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1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- MANAGEMENT. MTG. AUGUST 8

SOC. GN. AV. WEEK ENDING AUG. 11

1985	1984	1983	1982
397 - (120)	297 - (49)	326 - (100)	145 - (330)
397 - (114)	297 - (67)	300 - (52)	145 - (190)
430 - (185)	297 - (34)	250 - (31)	376 - (120)
		210 - (35)	

1981	1979
557 - (56)	526 - (120)
445 - (84)	543 - (120)
	543 - (100)
	543 - (66)
	185N - (286)

% PINKUT / % FULTON OF TOTAL STOCK - WEEK ENDING AUG. 11

1981	AV. 72-81
2.4% / 37.82%	0.74% / 24.78%
40.22%	25.52%

WEEK ENDING AUG. 18

1981	AV. 72-81
0.07% / 31.12%	0 / 23.97%
31.19%	23.97%

PINK GN. AV. WEEK ENDING AUG. 11

1985	1983	1981	1979
397 - (196)	326 - (281)	557 - (61)	526 - (48)
397 - (349)	300 - (241)	445 - (141)	543 - (73)
430 - (284)	250 - (219)		543 - (84)
	210 - (242)		543 - (50) 185N - (255)

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

1977	1975
419 - (105)	STRIKE
410 - (119)	
400 - (88)	

- TOTAL CATCH TO DATE BOTH GN AND SN

1985	1983	1981	1979	1977
115,4982	535,150	676,915	489,109	964,858

- TOTAL PINK ESCAPEMENT

1983	1981	1979	1977	1975	1973
2,500,000	1,187,790	509,125	977,172	1,768,340	1,259,500

- TEST FISHERY PINKS TO AUGUST 7

1985	1983	1981	1979
373,165	786,110	589,490	404,230

- CHINOOK - TEST INDEX REMAINS AT 4TH BEST IN LAST 25 YEARS

- CATCHES WERE HIGH IN THE COMMERCIAL FISHERY FOR YEARLY TOTAL, WITH LOW CATCHES THIS WEEK.

- STEELHEAD - TEST INDEX 3RD BEST IN LAST 20 YEARS, WITH

A HIGH TOTAL CATCH TO DATE OF 20,131 AND HIGH CAVE IN LAST 6 DAYS OF FISHING. FISH

THIS WEEK ARE MORE MIXED SIZES WITH A CONT. HIGH PROPORTION OF LARGE 2016 FISH.

- COHO AND CHUM - CATCHES ARE UP THIS WEEK WITH HIGH

TOTALS FOR THE YEAR HOWEVER ESCAPEMENTS REMAIN POOR.

- SPORT FISHERY UP RIVER HAS BEEN SLOW FOR CHINOOK, WITH FAIRLY GOOD NUMBERS OBSERVED IN SOME SYSTEMS.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

TIDAL WATER SPORT FISHING IS GOOD FOR PINKS
WITH FEW LARGE COHO AND GOOD FISHING FOR
CHINOOK IN THE 10-15 LB RANGE.

- TROLLING - DUNDAS IS. - FEW TROLLERS OPERATING WITH COHO
CATCHES STARTING TO IMPROVE IN THE LAST 2 DAYS
TO AV. OF 30-50 COHO/DAY
- IFF - BAND LIC. TO METLAKATLA ONLY. HAVE 1 GN OPERATING
FOR CATCHES OF 110-0-14-0-0-6 IN 2 SETS
OFF DIGBY IS.

- WITH ESCAPEMENTS BUILDING FOR PINK AND SOC. AND INDICATIONS
OF MORE FISH TO COME IT WAS DECIDED TO OPEN 12 NOON
SAT. - 6 PM MON. IN AREA 4 FOR GN ONLY AND 6 PM
SAT - 6 PM MON IN AREAS 3 AND 5 TO HARVEST SURPLUS
SKEENA STOCKS.

- GEAR COUNT AUG. 10 AT (OPENING OF AREA 3+5 - 6 PM).

SLOUGH - 9 RIVER - 186 GAP - 11 CHATHAM SD (S) - 60
CHATHAM SD (N) - 57 NORTH RDY - 99 HUDSON BAY PASS - 0
OUTSIDE STEPHENS - 6 EDGE PASS - 2 OVAL BAY - 0
TOTAL - 430

- COMPUTER MODEL STOCK PREDICTIONS

SOC. - AV. TIMING RUN EARLY 3.43 MILLION BROOD TIMING EARLY - 3.41
NORMAL 3.61 MILLION NORMAL - 3.54
LATE 4.17 MILLION LATE - 4.04
PINK - BROOD TIMING EARLY 2.103
NORMAL 2.406

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- AUGUST 10/11 (1 1/2 DAYS) 3rd DAYS CATCH

	(211)	(5.7)	(411)	(1.5)	(6.08)	(4.7)	(.03)
RIVER/GAP/SLOUGH - 190 GN	40090	- 703	- 78090	- 285	- 15	- 893	- 5
	(123)	(2.5)	(146)	(4.3)	(.25)	(4)	
CHATHAM SD (S) - 40 GN	4900	- 100	- 5825	- 170	- 10	- 160	
	(184)	(4)	(177)	(5.7)		(3)	
CHATHAM SD (N) - 84 GN	15429	- 340	- 14830	- 481	- 5	- 252	
	(159)	(9.8)	(205)	(29.7)		(5)	
NORTH BDY - 110 GN	17512	- 1078	- 22600	- 3258	- 5	- 500	- 5
HUDSON BAY PASS - 0 GN							
	(257)	(7)	(150)	(35)		(5)	
OUTSIDE STEPHENS - 6 GN	1540	- 42	- 900	- 210	- 3	- 30	
	(185)	(5.3)	(284)	(10.7)		(4.4)	(.02)
TOTAL	430 GN	79471	- 2263	- 122245	- 4414	- 38	- 1885 - 10

- AUGUST 12 A.M. FIGURES CONT. GOOD WITH SOC. AV.

RANGING FROM 35 (OUTSIDE STEPHENS) TO 105 (RIVER)

AND PINKS RANGING FROM 125 - 200 DEPENDING MORE
ON EFFORT THAN AREA.

- BARINE FENCE COUNTS TO AUG. 10

LGE. SOC. - 976948 LGE CHINOOK - 74 PINK - 762

JACK SOC. - 8970 JACK CHINOOK - 49

- TEST FISHERY AUG. 11

PINK DAILY ESC. 118,001 TTD 584,064

SOC. DAILY ESC. 24,740 TTD 1392,019

- WITH THE ABOVE INFO. AND GOOD CATCHES IN AREAS 1

AND AREA 3 IT WAS DECIDED TO CLOSE 6 PM MON

AND RE-OPEN 6 PM WED FOR 2 DAYS TO 6 PM FRI

FOR BOTH GN AND SN. SN IN SUBAREAS 4-1, 5, 8, 9

13 AND 14 ONLY. SN WERE NOT ALLOWED IN SUBAREAS

4-2, 3, AND 4 DUE TO HIGH CHINOOK CATCHES IN THESE AREAS

DURING THE SN FISHERY IN THESE AREAS IN 1984 ON

AUG. 19th AND 20th. AREA 3 (SUBAREAS 3-1, 2, 3, 4, 7, 9, 11, 17)

OPENED AT THE SAME TIME.

RECORD OF
MANAGEMENT STRATEGIES

	<u>SOCKEYE</u> (SPECIES)	<u>AUGUST 18</u> (FOR WEEKLY PERIOD SUN.-SAT.)	<u>1985</u> (AREA)
	CURRENT WEEK	COMPARATIVE 1981	YEAR(S) 1982
SEINES (OPERATING)	35-26	Ø	Ø
NO. OF DAYS FISHING	2 of 2	Ø	Ø
PREVIOUS TOTAL TO DATE	381,086	169,129	427,678
-	12,105 ³³⁸ AV (280)	Ø	Ø
TOTAL TO DATE	400,191	169,129	427,678
GILLNETS (OPERATING)	410-420-375	279-279-279	376
NO. OF DAYS FISHING	3 of 3	3 of 3	1 of 1
PREVIOUS TOTAL TO DATE	1,610,094	1,171,474	1,159,317
	134,250 ¹⁵⁵ AV (108 70)	(32)-(41)-(27) 27,991	(67) 25,192
TOTAL TO DATE	1,744,344	1,199,465	1,184,509
TTD (SN and GN)	2,144,535	1,368,594	1,612,187

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

GN - 4-1,2,3,4,5,8,9,12,13,14+15, MAX. MESH 137mm - FOR ALL 3 DAYS
SN - 4-1,5,8,9,13+14 - FOR 2 DAYS MID-WEEK

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES

AREA OPEN 6:00 AM SUN AUG 11 (CONT. FROM SAT. RE-OPEN 6 PM WED ^{BOUNDARY CHANGES} AUG 14)

AREA CLOSED 6:00 AM MON AUG 12 ^{OPENING} 6 PM FRI AUG 16

- REOPENED MIDWEEK WITH STRONG PINK AND SOCKEYE ESCAPEMENTS TO BOTH SN+GN

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC, GEAR TYPE.

AREA OPEN 6:00 AM SUN AUG 18 2 DAYS
TIME DATE LENGTH OF OPENING

- GN ONLY, MAX. MESH 137mm.

RECORD OF
MANAGEMENT STRATEGIES

PINK
(SPECIES)

AUGUST 18 1985
(FOR WEEKLY PERIOD SUN.-SAT.)

4
(AREA)

	CURRENT WEEK	COMPARATIVE 1983	YEAR(S) 1981
SEINES (OPERATING)	35-26	Ø	Ø
NO. OF DAYS FISHING	2 of 2	Ø	Ø
PREVIOUS TOTAL TO DATE	518,850	Ø	155,544
-	188,922 ^{AV (3309)} ₍₂₈₁₂₎	Ø	Ø
TOTAL TO DATE	707,772	Ø	155,544
GILLNETS (OPERATING)	410-420-375	212-200-150-142	279-279-279
NO. OF DAYS FISHING	3 of 3	4 of 4	3 of 3
PREVIOUS TOTAL TO DATE	758,377	535,150	521,371
-	227,146 ^{AV (247)} ₍₁₄₁₎ 178	(260)(245)(268)-(274) 183,313	114,003
TOTAL TO DATE	985,523	718,463	635,374
TTD (SN AND GN)	1693295	718,463	790,918

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- AS PER SOCKEYE.

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES
BOUNDARY CHANGES

AREA OPEN _____ AM PM _____

AREA CLOSED _____ AM PM _____
HR. CIRCLE DATE

- AS PER SOCKEYE.

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC,
GEAR TYPE.

AREA OPEN 6:00 AM PM SUN. AUG. 18 2 DAYS.
TIME DATE LENGTH OF OPENING

- GN ONLY.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- AUGUST 12 12 HOUR CATCH FIG.

RIVER/GAP/SLOUGH	97 GN 19	(105) 1992 -	(200) - 3802				
SMITH IS.	9 GN 3	(95) 285 - 0	(197) - 590	- 3	- 3	- 2	
ISLAND PT/LAWYER	14 GN 5	(17) 85 - 7	(8) - 40	- 38	- 1	A.M. ONLY	
	2	(90) 180 - 4	(160) - 320	- 70			
GREEN TOP	2	(61) 122 - 12	(115) - 230	- 4			
NORTH PORCHER	30 GN 9	(66) 593 - 7	(125) - 1132	- 23	- 0	- 21	
OUTSIDE STEPHENS	6 GN 3	(95) 104 - 10	(200) (30) - 600	- 90	- 1	- 5	
TUGWELL IS.	25 GN 4	(98) 390 - 11	(135) - 540	- 34	- 0	- 10	
NORTH BDY	69 GN 31	(90) 2776 - 173	(154) (15) - 4765	- 466	- 7	- 91	

- AUGUST 12 1ST DAYS CATCH

RIVER/GAP/SLOUGH	170 GN	(200) 34000 -	(1.6) 272 -	(300) 51000 -	(3) 510 -	(1.4) 24 -	(3.1) 527
CHATHAM SD (S)	50 GN	(97) 4850 -	(4) 200 -	(220) 11000 -	(14.5) 729 -	(1.1) 5 -	(3.5) 175
CHATHAM SD (N)	59 GN	(90) 5310 -	(3.4) 200 -	(150) 8850 -	(4) 236 -	(1.2) 12 -	(3.7) 218
NORTH BDY	125 GN	(151) 18875 -	(8.5) 1063 -	(223) 27875 -	(20) 2500 -	(1.15) 19 -	(4.5) 563
HUDSON BAY PASS	Ø	0	0	0	0	0	0
OUTSIDE STEPHENS	6 GN	(70) 420 -	(7) 42 -	(400) 2400 -	(5) 300 -	(5) 0 -	(5) 30
TOTAL	410 GN	(155) 63455 -	(4.3) 1777 -	(247) 101125 -	(10.4) 4275 -	(1.15) 60 -	(3.7) 1513 - 10

- AUGUST 14/15 2ND DAYS CATCH

RIVER/GAP/SLOUGH	182 GN	(145) 26390 -	(3.5) 637 -	(223) 40586 -	(3.5) 637 -	(1.2) 36 -	(4.5) 819
CHATHAM SD (S)	63 GN	(70) 4414 -	(3) 189 -	(50) 3150 -	(2.8) 176 -	(1.1) 6 -	(2.5) 158
CHATHAM SD (N)	73 GN	(88) 6427 -	(5) 365 -	(92) 6744 -	(5) 365 -	(1.1) 7 -	(5) 365
NORTH BDY	90 GN	(160) 720 -	(5) 60 -	(150) 1800 -	(7) 84 -	(1.2) 3 -	(6) 72
HUDSON BAY PASS	Ø	(106) 44509 -	(3.7) 1537 -	(141) 59165 -	(4.4) 1856 -	(1.4) 61 -	(4) 1066
OUTSIDE STEPHENS	12 GN	(106) 44509 -	(3.7) 1537 -	(141) 59165 -	(4.4) 1856 -	(1.4) 61 -	(4) 1066
TOTAL	420 GN	(106) 44509 -	(3.7) 1537 -	(141) 59165 -	(4.4) 1856 -	(1.4) 61 -	(4) 1066

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SIG.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- AUGUST 14/15 2nd DAYS CATCH (CONT.)

(338) (20.6) (3309) (40) (3) (7.1) (3)
 35 SN - 11825 - 720 - 115800 - 1400 - 105 - 250 - 105

TFD 56334 - 2257 - 174965 - 3256 - 166 - 1916 - 105

- AUGUST 16 3rd DAYS CATCH

(79) (5) (254) (4.1) (3) (3.6)
 RIVER/GAP/SLOUGH 182 GN 14378 - 910 - 46304 - 746 - 60 - 1019 - 10

(79) (4) (77) (3) (4) (2.6)
 CHATHAM SD.(S) 40 GN 3160 - 140 - 3080 - 120 - 16 - 104

(48) (4) (72) (3) (4) 1.6
 CHATHAM SD.(N) 51 GN 2448 - 204 - 3672 - 153 - 20 - 82 - 5

(64) (6.1) (140) (17.8) (1.05) (2.3)
 NORTH BDY. 90 GN 5760 - 549 - 12600 - 1602 - 5 - 261

HUDSON BAY PASS 0 0 - 0 - 0 - 0 - 0 - 0

(45) (7) (100) (10) (1.1) (2)
 OUTSIDE STEPHENS 12 GN 540 - 84 - 1200 - 120 - 1 - 24

(70) (5) (178) (7.3) (1.3) (4) (0.03)
 375 GN 26286 - 1887 - 66856 - 2741 - 102 - 1490 - 15

(230) (11) (2312) (32) (5) (5) (3)
 26 SN 7280 - 452 - 73122 - 822 - 130 - 130 - 78

TFD 33566 - 2339 - 139978 - 3563 - 232 - 1620 - 93

- AUGUST 16 MANAGEMENT MTG.

SOCKEYE CATCHES ARE THE BEST IN RECENT YEARS AND
 ESCAPEMENTS CONT. IN THE 20,000 - 45,000 PER DAY
 RANGE FOR THE 1ST 5 DAYS THIS WEEK GIVING US
 OUR 6TH STRAIGHT WEEK OF EXCEEDING DESIRED GOALS.

PINK ESCAPEMENTS CONTINUE TO BE RIGHT ON TARGET
 WITH CPUE 2ND ONLY TO 1983 AND TOTAL CATCH
 THE BEST ON RECORD AND DOUBLE MOST YEARS.

CHUM CATCHES ARE HIGH MAINLY SUPPORTED BY GOOD
 OUTSIDE CATCHES AND NORTH BDY. WAY. ESCAPEMENTS
 CONTINUE TO BE THE 2ND WORST ON RECORD.

1985

- RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE

- SOCKEYE GN AV. WEEK ENDING AUGUST 18

1985	1984	1983	1982	1981
410 - (155)	252 - (46)	212 - (28)	376 - (67)	279 - (32)
420 - (106)	252 - (35)	200 - (26)		279 - (41)
375 - (70)	190 - (53)	150 - (25)		279 - (27)
	207 - (29)	142 - (22)		
	105 - (24)			

1980	1979	1978	1977
NO FISHERY	526 - (56)	175 - (16)	226 - (7)
		175 - (10)	200 - (6)
		175 - (5)	200 - (6)

- PINK GN AV. WEEK ENDING AUGUST 18

1985	1983	1981	1979	1977
410 - (247)	212 - (260)	279 - (150)	526 - (74)	226 - (69)
420 - (141)	200 - (245)	279 - (142)		200 - (62)
375 - (178)	150 - (268)	279 - (116)		200 - (50)
	142 - (274)			

- % PINKUT / % FULTON OF TOTAL SOCKEYE STOCK

1981	72-81 AV.	75-81 AV.
0.07/31.12	0/23.97	0/28.50

- BABINE FENCE COUNTS. TTD. (AUG. 13).

LGE SOCKEYE	-	1097,399
LGE CHINOOK	-	74
PINK	-	1693

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

AUG. 16 MANAGEMENT MTG (CONT.)

COHO - TOTAL CATCHES ARE HIGH (HIGHEST ON FIELD RECORDS)WHILE CPUE REMAIN LOW. ESCAPEMENT IS 21ST
IN LAST 25 YEARS.CHINOOK CATCHES ARE LOW WITH ESCAPEMENT BEING
THE 4TH BEST IN THE LAST 25 YEARS.STEELHEAD - CATCHES ^{WERE GOOD} ~~DROPPED~~ THIS WEEK WITH LARGER
FISH BEING CAUGHT IN THE RIVER AND A MORE MIXED
SIZES TO THE OUTSIDE. STEELHEAD INDEX IS THE
3RD BEST IN LAST 20 YEARS.- REVIEWING THE ABOVE INFO AND THE LOW WATER CONDITIONS
TO COASTAL STREAMS, WHICH IS LIMITING ACCESS TO PINK
MIGRATION, IT WAS DECIDED TO FISH 2 DAYS, WITH
GN ONLY, STARTING SUNDAY AUGUST 18.

- AUG 18 BABINE FENCE COUNTS

	<u>LG SOCKEYE</u>	<u>JK. SOCKEYE</u>	<u>LG CHINOOK</u>	<u>JK. CHINOOK</u>	<u>RNK</u>
85	1,362,522	26,225	91	106	12,958
84	591,939	17,397	129	127	4,296
83	544,814	124,825	188	129	97,743
82	784,533	10,195	105	102	22,604
81	1,027,987	65,785	219	92	25,921
80	264,737	67,970	52	45	30,776

RECORD OF
MANAGEMENT STRATEGIES

SOCKEYE
(SPECIES)

AUGUST 25 1985 4
(FOR WEEKLY PERIOD SUN.-SAT) (AREA)

	CURRENT WEEK	COMPARATIVE 1981	YEAR(S) 1982
SEINES (OPERATING)	Ø	Ø	Ø
NO. OF DAYS FISHING	Ø	Ø	Ø
PREVIOUS TOTAL TO DATE	400,191	169,129	427,678
-	Ø AV ()	Ø	Ø
TOTAL TO DATE	400,191	169,129	427,678
GILLNETS (OPERATING)	225 - 220 - 190 - 166	306 - 275	Ø
NO. OF DAYS FISHING	4 of 4	2 of 2	Ø
PREVIOUS TOTAL TO DATE	1744344	1199465	1184509
	(103)(95)-(97)-(53) 61,780 AV ()	(9)-(12) 5944	Ø
TOTAL TO DATE	1,806,124	1,205,409	1,184,509
TTD (SN AND GN)	2,206,315	1,374,538	1,612,187

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- GN ONLY 4-1, 2, 3, 4, 5, 8, 9, 12, 13, 14 + 15
- MAX. MESH SIZE 137 mm

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES, BOUNDARY CHANGES

AREA OPEN 6:00 AM PM SUN. AUG 18

AREA CLOSED 6:00 AM PM TUES AUG. 20

HR. CIRCLE DATE

- EXTENDED 2 DAYS GN ONLY (NO WINDOW).

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRICT, GEAR TYPE.

AREA OPEN _____ AM PM _____ CLOSED
TIME DATE LENGTH OF OPENING

- NO FISHERY DUE TO LOW WATER LEVELS IN COASTAL STREAMS LIMITING PINK ACCESS AND POOR COHO AND CHUM ESCAPEMENTS

RECORD OF
MANAGEMENT STRATEGIES

PINK
(SPECIES)

AUGUST 25 1985
(FOR WEEKLY PERIOD SUN.-SAT.)

4
(AREA)

	CURRENT WEEK	COMPARATIVE 19 <u>83</u>	YEAR(S) 19 <u>81</u>
SEINES (OPERATING)	Ø	Ø	Ø
NO. OF DAYS FISHING	Ø	Ø	Ø
PREVIOUS TOTAL TO DATE	707,772	Ø	155,544
-	Ø AV ()	Ø	Ø
TOTAL TO DATE	707,772	Ø	155,544
GILLNETS (OPERATING)	225-220-190-166	86-74	306-275
NO. OF DAYS FISHING	4 of 4	2 of 2	2 of 2
PREVIOUS TOTAL TO DATE	985523	718463	635374
	(163)-(150)-(184)-(293) 138,209 AV ()	(283)-(182) 37833	44750
TOTAL TO DATE	1,123,732	756,296	680,124
TTD (SN AND GN)	1,831,504	756,296	835,668

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- AS PER SOCKEYE

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES
BOUNDARY CHANGES

AREA OPEN _____ AM PM _____

AREA CLOSED _____ AM PM _____

HR. CIRCLE DATE

- AS PER SOCKEYE.

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC,
GEAR TYPE.

AREA OPEN _____ AM PM _____
TIME DATE LENGTH OF OPENING

RECORD OF
MANAGEMENT STRATEGIES

	<u>COHO</u> (SPECIES)	<u>AUGUST 25</u> (FOR WEEKLY PERIOD SUN.-SAT)	<u>1985</u> 4 (AREA)
	CURRENT WEEK	COMPARATIVE 1982	YEAR(S) 1979
SEINES (OPERATING)	0	0	0
NO. OF DAYS FISHING	0	0	0
PREVIOUS TOTAL TO DATE	12,761	19,975	2294
-	0 AV ()	0	0
TOTAL TO DATE	12,761	19,975	2294
GILLNETS (OPERATING)	225-220-190-166	0	0
NO. OF DAYS FISHING	4 of 4	0	0
PREVIOUS TOTAL TO DATE	52,208	27,651	28318
	(4.1)-(5)-(4.5)-(3.6) 3469 AV ()	0	0
TOTAL TO DATE	55,677	27,651	28318
TTD (SNAGGN)	68,438	47,626	30,612

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- SEE SOCKEYE

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES
BOUNDARY CHANGES

AREA OPEN ____ AM PM ____

AREA CLOSED ____ AM PM ____
- HR. CIRCLE DATE

- SEE SOCKEYE

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC,
GEAR TYPE.

AREA OPEN ____ AM PM ____
TIME DATE LENGTH OF OPENING

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- GEAR COUNT AT OPENING AUG 18

SLOUGH - 25 RIVER - 95 GAP - 7 CHATHAM SOUND(S) - 18
 CHATHAM SOUND (N) - 35 NORTH BDY - 36 HUDSON BAY PASS - 2
 OUTSIDE STEPHENS - 4 EDYE PASS - 2 OVAL BAY - 1
 TOTAL - 225 GN
 - AREA 3 - 20 GN 5 SN

- AUGUST 19 12 HOUR CATCH

RIVER/GAP/SLOUGH - 87GN 9⁽³⁸⁾ 341 - 16 - 415 - 10 - 0 - 7⁽⁴⁶⁾

- MOST BOATS ANCHORED THIS A.M.

SMITH IS. - 2GN 7⁽³⁸⁾ 265 - 6 - 455 - 18 - 5 - 2⁽⁶⁵⁾
 LAWYER IS. - 2GN 1⁽³⁸⁾ 40 - 2 - 100 - 4 - 2 - 3⁽⁶⁵⁾
 HOLLAND RK. - 2GN 1⁽³⁸⁾ 24 - 4 - 95 - 3⁽⁶⁵⁾
 GREEN TOP - 2GN 1⁽²⁹⁾ 48 - 8 - 75 - 6 - 0 - 1⁽⁶⁴⁾
 AIRPORT - 4GN 2⁽²⁹⁾ 57 - 3 - 127 - 5 - 0 - 0⁽⁶⁴⁾
 TUGWELL IS. - 7GN 3⁽⁵⁵⁾ 164 - 10 - 202 - 4 - 0 - 0⁽⁶⁷⁾
 BIG BAY - 14GN 7⁽⁸⁴⁾ 591 - 19 - 418 - 15 - 0 - 4⁽⁶⁰⁾
 FINLAYSON IS. - 18GN 5⁽³⁶⁾ 178 - 21 - 342 - 57 - 0 - 5^{(68) (74)}
 N. PORCHER - 15GN 7⁽³¹⁾ 219 - 6 - 504 - 23 - 1 - 7⁽⁷²⁾
 - NO OUTSIDE AREAS CHECKED

- 1ST DAYS CATCH AUGUST 18/19

RIVER/GAP/SLOUGH - 112GN - 14224 - 571 - 24752 - 325 - 45 - 416^{(127) (5.1) (221) (29) (4) (3.7)}
 CHATHAM SD(S) - 29GN - 2137 - 96 - 3828 - 160 - 6 - 52^{(74) (3.3) (132) (5.5) (1.2) (1.8)}
 CHATHAM SD (N) - 35GN - 2511 - 89 - 3826 - 193 - 2 - 105^{(72) (2.5) (109) (5.5) (1.06) (3)}
 NORTH BDY - 40GN - 3803 - 122 - 3295 - 186 - 0 - 46^{(95) (3.1) (32) (4.7) (1.2)}
 HUDSON BAY PASS - 2GN - 60 - 8 - 120 - 50 - 0 - 2^{(30) (4) (6.0) (2.5) (1)}
 OUTSIDE STEPHENS - 7GN - 546 - 28 - 854 - 140 - 0 - 14^{(78) (4) (122) (24) (2)}
 TOTAL 225GN 23281 - 914 - 36675 - 980 - 53 - 635^{(103) (4.1) (165) (4.4) (1.2) (2.8)}

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~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- AUGUST 20. A.M. CATCH

			(46)	(42)	(2.3)	(1.3)
RIVER/GAP/SLOUGH	72 GN	15	690	29	625	34 - 0 - 19

- GN ANCHORED ABOUT MIDNIGHT WITH SOME MOVING OUT TO

SMITH / LAWYER AREA.

			(58)	(60)
SMITH IS.	13 GN	5	290	4 - 300 - 4 - 2 - 0

LAWYER IS.	2 GN	1	75	2 - 130 - 6 - 0 - 1

			(42)	(4)	(102)	(5)
ISLAND Pt.	4 GN	4	168	16	408	21

HOLLAND RK.	1 GN	1	9	0 - 21 (A.M. ONLY)

HUNT INLET	2 GN	TIED UP.		

			(17)	(28)
FOYE PASS	6 GN	4	69	5 - 110 - 7 - 1 - 2 (A.M. ONLY)

AIRPORT	Ø			

			(32)	(41)
TUGWELL/BIG BAY	13 GN	7	224	13 - 287 - 29 - 0 - 5

			(58)	(63)
BIG BAY/HIST IS.	8 GN	2	115	6 - 125 - 3 - 0 - 1

			(58)	(61)
FINLAYSON IS.	7 GN	2	115	3 - 121 - 13 - 0 - 1

- AUGUST 20 2ND DAYS CATCH

			(104)	(4.9)	(131)	(3)	(23)	(3.5)
RIVER/GAP/SLOUGH	110 GN	11440	539	21010	330	25	363	

			(97)	(3)	(172)	(5)	(1.4)	(4)
CHATNAM SD (S)	30 GN	2918	90	3963	150	12	120	

			(82)	(6)	(115)	(5)	(1.1)	(5.5)
CHATNAM SD (N)	38 GN	3104	228	4370	190	4	133	

			(86)	(5.0)	(39)	(7.3)		(1.8)
NORTH BDY	35 GN	2995	196	3100	256	0	46	

			(35)	(1.5)	(100)	(50)		(1.5)
HUDSON BAY PASS	2 GN	70	30	200	100	0	1	

			(75)	(3)	(19)	(10)		(2)
OUTSIDE STEPHENS	5 GN	375	15	395	50	0	10	

			(95)	(5)	(150)	(4.9)	(1.9)	(3)
TOTAL	220 GN	20902	1098	33038	1076	41	673	

- MTG - AUGUST 20

GN CATCH AV WEEK ENDING AUG. 25

SOC. 1985 - 225 GN - (103) 1984 - 79 - (25) 1983 - 86 - (14)

220 GN - (95) 80 - (17) 74 - (8)

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

1982 - NO FISHERY

1981 - 306 - (9)

1980 - 396 - (55)

275 - (12)

400 - (53)

1979 - NO FISHERY

1978 - 119 - (2)

1977 - 284 - (2)

115 - (3)

200 - (3)

PINK 1985 - 225 - (163)

1983 - 86 - (283)

1981 - 306 - (65)

74 - (182)

275 - (90)

1979 - NO FISHERY

1977 - 284 - (10)

1975 - 75 - (188)

200 - (16)

62 - (162)

- SOC. ESC. CONTINUES TO BE STRONG WITH THE TOTAL
TO DATE OF CLOSE TO 1.6 MILLION.

- PINK ESC. ARE ON TARGET FOR A PREDICTED STOCK
OF 2.6 MILLION HOWEVER WITH THE LARGER CATCH
THAN EXPECTED THE TOTAL STOCK IS NOW EXPECTED TO BE
3 MILLION. COASTAL PINK ESC. ARE BELOW EXPECTATIONS
WHICH IS CAUSED BY LOW WATER LEVELS.

HUMPBCK BAY CREEK - 0 AUG. 18

MOORE COVE CREEK - 1500 AUG. 13

OONA RIVER - 29 AUG. 18

PEARL HARBOUR CR. - 850 AUG. 19

SPILLER RIVER - 0 AUG. 14

BIG USELESS CREEK - 2 AUG. 17

- COMO - ESC. ARE POOR BEING 22nd IN LAST 25 YEARS.

- NET CATCHES HAVE AV. CPUE BUT HIGH TOTAL CATCH
64969 TO WEEK ENDING AUG. 18.

- SPORT FISHING AND TROLLING CONT. TO BE VERY POOR.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- CHUM - CPUE REMAIN GOOD WITH TOTAL CATCH AT 97,305 TO WEEK ENDING AUGUST 18. ESCAPEMENT BY TEST INDEX IS CURRENTLY THE WORST IN THE LAST 17 YEARS.
- STEELHEAD - CATCHES ARE HIGH AND ESCAPEMENT THE FOURTH BEST IN THE LAST 20 YEARS. CPUE FOR AUG 18/19 IS DOWN AND CATCHES AT TEST FISHERY DROPPING.
- CHINOOK - CATCHES ARE NOW MAINLY LARGE DARK FISH INDICATING PROBABLY ECSTALL R. STOCKS. TEST INDEX REMAINS FOURTH BEST IN THE LAST 25 YEARS. INDICATIONS FROM THE MORICE R., BEAR R., AND KALUM STOCKS ARE OF ESCAPEMENTS SIMILAR TO LAST YEAR (2 TO 3 TIMES THE PREVIOUS 5-6 YEARS ESCAPEMENTS.)
- RECOMMEND EXTENSION OF 2 DAYS WITH NO WINDOW CLOSURE
RATIONALE :- EFFORT AND GEAR COUNTS LOW - WITH RIVER FISHERMEN ONLY FISHING LOW WATER AND BACKUP, ALSO MOST OTHER FISHERMEN NOT FISHING AT NIGHT.
 - FASTER MOVING SPECIES SHOULD DO WELL IN ESCAPING WITH FISHING EFFORT WE NOW HAVE.
 - SURPLUS OF SOC. WITH CATCHES 2 TIMES NEXT BEST YEAR AT THIS TIME.
 - SURPLUS OF PINKS WITH CPUE 2nd BEST IN LAST 5 CYCLES.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

- AUGUST 21 3rd DAYS CATCH

RIVER/GAP/SLOUGH	100 GN	(49)	(4)	(262)	(3.6)	(.2)	(4.3)	
		4900	- 400	- 26200	- 356	- 23	- 428	- 0
CHATHAM SD (S)	20 GN	(50)	(6.2)	(150)	(11)	(.1)	(1.5)	
		1000	- 124	- 3000	- 220	- 2	- 30	- 0
CHATHAM SD (N)	35 GN	(35)	(3.8)	(85)	(11)	(.1)	(1.6)	
		1217	- 132	- 2970	- 385	- 3	- 56	- 0
NORTH BDY	35 GN	(50)	(5.8)	(77)	(6)	(.1)	(1.1)	(.05)
		1763	- 205	- 2700	- 210	- 4	- 39	- 2
HUDSON BAY PASS	Ø							
OUTSIDE STEPHENS	Ø							
TOTAL	190 GN	(47)	(4.5)	(184)	(6.2)	(.2)	(2.9)	
		8880	- 861	- 34870	- 1171	- 32	- 553	- 2

- AUGUST 22 - VERY LITTLE FISHING AT NIGHT.

- AUGUST 22 4th DAYS CATCH

RIVER/GAP/SLOUGH	85 GN	(66)	(3.2)	(268)	(3.2)	(.15)	(1.6)	
		5610	- 268	- 22780	- 272	- 13	- 136	- 0
CHATHAM SD (S)	11 GN	(34)	(3)	(129)	(4.9)	(.08)	(1.1)	
		375	- 34	- 1422	- 54	- 1	- 12	- 0
CHATHAM SD (N)	35 GN	(37)	(3.4)	(132)	(2.1)	(.1)	(1)	
		1297	- 119	- 4629	- 72	- 5	- 35	- 0
NORTH BDY	35 GN	(41)	(5)	(137)	(8.5)	(.2)	(2.5)	(.6)
		1435	- 175	- 4795	- 298	- 7	- 88	- 21
HUDSON BAY PASS	Ø							
OUTSIDE STEPHENS	Ø							
TOTAL	166 GN	(53)	(3.6)	(203)	(4.2)	(.16)	(1.6)	
		8717	- 596	- 33626	- 696	- 26	- 271	- 21

- AUGUST 23 MANAGEMENT MTG

RECOMMEND CLOSED UNTIL FURTHER NOTICE

RATIONALE: LOW WATER LEVELS IN COASTAL SYSTEMS LIMITING
ACCESS TO PINKS AND ESCAPEMENTS CONT. TO BE LOW.FEEL THERE HAS ALREADY BEEN A SIGNIFICANT
HARVEST RATE ON THESE STOCKS.-- CONT. LOW ESC. OF CONO + CHUM (ALTHOUGH)
(CHUM ESC.)

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

MANAGEMENT MTG CONT.

- SOC. ESC. DOWN TO 5000/DAY (WHICH IS STILL WELL ABOVE AV. BUT DOWN FROM THE 10-20,000 OF RECENT DAYS ESC.
- IT IS ALSO FELT THAT IF WE GET A SIGNIFICANT RAIN AND SOME PINK ESC. TO COASTAL STREAMS THAT WE CAN REOPEN TO HARVEST SURPLUSES.

MANAGEMENT MTG AUG. 29

- SOC. - ESC. RANGE BETWEEN 7500 - 12,000 IN FIRST 3 DAYS OF WEEK (TEST FISHERY EXTENDED TO MONITOR THIS WELL ABOVE AV. ESC. FOR THIS TIME OF YEAR.)
- CATCHES IN LAST WEEKS FISHERY WERE GOOD (BEST ON RECORD).

~~PINK~~ - BABINE FENCE COUNTS TO AUG. 25

YEAR	Lg SOC.	J. SOC.	Lg CHIN.	J. CHIN.	PINK	CONO
1985	1,492,396	35,412	107	127	54,103	130
84	791,032	47,709	275	189	27,865	74
83	714,608	194,831	279	276	202,792	463
82	965,669	20,493	169	200	121,123	272
81	1,233,706	112,343	263	111	51,226	104
80	335,023	120,032	82	61	77,545	272
79	923,415	63,573	214	269	35,148	133
78	311,243	154,241	141	570	45,638	636
77	806,773	37,492	276	702	34,291	352
76	361,307	84,246	87	74	128	9
75	673,909	86,786	130	264	60,683	38

RECORD OF
MANAGEMENT STRATEGIES

SOCKEYE
(SPECIES)

SEPTEMBER 1 1985
(FOR WEEKLY PERIOD SUN.-SAT.)

4
(AREA)

	CURRENT WEEK	COMPARATIVE 1981	YEAR(S) 1982
SEINES (OPERATING)	0		
NO. OF DAYS FISHING	0	CLOSED	CLOSED
PREVIOUS TOTAL TO DATE	400,191	169,129	427,678
-	0 AV ()		
TOTAL TO DATE	400,191	169,129	427,678
GILLNETS (OPERATING)	0		
NO. OF DAYS FISHING	0	CLOSED	CLOSED
PREVIOUS TOTAL TO DATE	1806,124	1,205,409	1,184,509
-	0 AV ()		
TOTAL TO DATE	1806,124	1,205,409	1,184,509
TTD (SN AND GN)	2,206,315	1,374,538	1,612,187

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- CLOSED

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES
BOUNDARY CHANGES

AREA OPEN ____ AM PM ____

AREA CLOSED ____ AM PM ____

HR. CIRCLE DATE

- CLOSED - DUE TO LOW WATER LEVELS IN COASTAL STREAMS AND POOR CONO
AND CHUM ESCAPEMENTS.

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC;
GEAR TYPE.

AREA OPEN ____ AM PM ____
TIME DATE LENGTH OF OPENING

- CLOSED UFN - CONDITIONS REMAIN UNCHANGED.

RECORD OF
MANAGEMENT STRATEGIES

PINK
(SPECIES)

SEPTEMBER 1 1985 4
(FOR WEEKLY PERIOD SUN.-SAT) (AREA)

	CURRENT WEEK	COMPARATIVE 1983	YEAR(S) 1981
SEINES (OPERATING)	0	0	0
NO. OF DAYS FISHING	0	0	0
PREVIOUS TOTAL TO DATE	707,772	0	155,544
-	0 AV ()	0	0
TOTAL TO DATE	707,772	0	155,544
GILLNETS (OPERATING)	0	0	0
NO. OF DAYS FISHING	0	0	0
PREVIOUS TOTAL TO DATE	1,123,732	756,296	680,124
-	0 AV ()	0	0
TOTAL TO DATE	1,123,732	756,296	680,124
TTD (SN AND GN)	1,831,504	756,296	835,668

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- AS PER SOCKEYE

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES
BOUNDARY CHANGES

AREA OPEN _____ AM PM _____

AREA CLOSED _____ AM PM _____
HR. CIRCLE DATE

- AS PER SOCKEYE

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC,
GEAR TYPE.

AREA OPEN _____ AM PM _____
TIME DATE LENGTH OF OPENING

- AS PER SOC.

RECORD OF
MANAGEMENT STRATEGIES

	<u>COHO</u> (SPECIES)	<u>SEPTEMBER 1 1985</u> (FOR WEEKLY PERIOD SUN.-SAT)	<u>4</u> (AREA)
	CURRENT WEEK	COMPARATIVE 1982	YEAR(S) 1979
SEINES (OPERATING)	0	0	0
NO. OF DAYS FISHING	0	0	0
PREVIOUS TOTAL TO DATE	12,761	19,975	2,294
-	0 AV ()	0	0
TOTAL TO DATE	12,761	19,975	2,294
GILLNETS (OPERATING)	0	0	0
NO. OF DAYS FISHING	0	0	0
PREVIOUS TOTAL TO DATE	55,677	27,651	28,318
-	0 AV ()	0	0
TOTAL TO DATE	55,677	27,651	28,318
TTD (SN AND GN)	68,438	47,626	30,612

SUB-AREAS OPEN FOR CURRENT WEEK: LIST BOUNDARIES, GEAR RESTRICTIONS, GEAR TYPES, AND CHANGES DURING THE WEEK.

- AS PER SOCKEYE

MANAGEMENT ACTION FOR THE CURRENT WEEK AND REASON: EXTENSIONS, CLOSURES
BOUNDARY CHANGES

AREA OPEN _____ AM PM _____

AREA CLOSED _____ AM PM _____

HR. CIRCLE DATE

- AS PER SOCKEYE

PROPOSED FISHING PATTERN FOR COMING WEEK: DAYS, BOUNDARIES, AREAS OPEN, GEAR RESTRIC,
GEAR TYPE.

AREA OPEN _____ AM PM _____
TIME DATE LENGTH OF OPENING

- AS PER SOC.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

MANAGEMENT MTG CONT.

- PINK - TEST INDEX TO AUGUST 28 - 1193920. THERE IS
A POSSIBILITY THAT THE TEST FISHERY HAS OVER
EST. ESCAPEMENT BASED ON BABINE FENCE COUNTS
OF ONLY 54/103 AND J. HIPPIE F/0 TERRACE STATING
THAT THE LAKE/SE SYSTEM IS NOT UP TO NORMAL
EXPECTATIONS IF THE SYSTEM WAS TO GET 500,000
SPAWNERS.

- COASTAL ESC. TO AUG. 29 - 1985 - 7,100 TOTAL

1983 - 13,800 TOTAL

- FINAL ESC. 1983 WAS LESS THAN $\frac{1}{2}$ DESIRED.

- TAGS INDICATE PINKS ENTERING PEARL HARBOUR CREEK
HAVE BEEN HOLDING IN AREA 4 - AV. 5 DAYS

FROM AREA 3 - AV. 16 DAYS

FROM AREA 1 - NET - 10 DAYS

TROLL - 24 DAYS

FROM AREA 6 - 9 DAYS

- OTHER TAGS SHOW SOME PINKS HOLDING UP TO
25 DAYS COMING FROM (AREA TAGGED) BOTH AREAS
3 & 5 AND UP TO 9 DAYS WITHIN AREA 4.

- CHUM⁹ ESC. - ECSTALL R. - 500

ALL TERRACE SYSTEMS - 14

- CONO - SPORT FISHERY NON-TIDAL WATERS ONE OF POOREST
YEARS F/0 J. HIPPIE REMEMBERS.

- TIDAL TROLL & SPORT FISHERIES REMAIN SLOW.

- STA - SPORT FISHERY APPEARS VERY GOOD.

1985

~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

MANAGEMENT MTG CONT.

- TEST BOAT LAST DAY AUG. 30

PINK ESC. 22,000 /DAY

SOC. ESC. 5-9,000 /DAY

- WITH A 1 DAY FISHERY NEXT WEEK THE PROJECTED CATCH IS 100 GN - 3000 - ⁵⁰⁰/₇₀₀ - 15000 - ⁵⁰⁰/₇₀₀

- IT IS FELT THAT TO HARVEST APPROX 3000 SOC.

(IDENTIFIED SURPLUS) AND 15000 PINKS (WHICH ARE NEEDED ~~IN~~ IN COASTAL SYSTEM BUT SURPLUS IN SKEENA), IT IS TOO HIGH OF A PRICE TO CATCH 500-700 OF EACH COHO AND CHUM WHICH ARE NEEDED FOR ESCAPEMENT.

- RECOMMEND: CLOSED UNTIL FURTHER NOTICE

RATIONALE: LOW WATER LEVELS IN COASTAL SYSTEMS AND POOR ESCAPEMENTS IN THESE SYSTEMS TO DATE AND POOR COHO AND CHUM ESCAPEMENTS TO DATE.

- IT WAS DECIDED TO HOLD THE NEXT MANAGEMENT MTG TUESDAY SEPT. 3 AND IF THERE IS NO SIGNIFICANT CHANGE AREA 4 WILL CLOSE FOR THE BALANCE.

- SEPT.-3 MANAGEMENT MTG

L.V. GORDON, E. KREMER, T. PANKO, D. WAGNER, B. ROSENBERGER, LES. JANTZ.

- THE SITUATION HAS NOT CHANGED SINCE LAST THURSDAYS MEETING. IT WAS THEREFORE DECIDED TO CLOSE FOR THE BALANCE IN AREAS 4 & 5 AND AREA 3 WOULD CONTINUE TO MONITOR FOR EXCESS COHO.

1985

RECORD of MANAGEMENT STRATEGIES ^{AREA-} 4

DATE _____

ESCAPEMENTS - 1985ESCAPEMENTS BY SUB-DISTRICT

	SOC.	COHO	PINK	CHUM	CHINOOK
SMITHERS	2,150,000	UNK	350,000	N.D.	33,000
HAZELTON	8,000	UNK	500,000	1500	2,700
TERRACE	22,475	UNK	1,350,000	1730	12,245
FR. RUPERT WATERFRONT	4,000	UNK	50,000	500	500
AREA 4	900	UNK	84,660	9710	3,622
TOTAL	2,185,375	UNK	2,334,660	13,440	52,067
10 YR. AV.	902,026	32,248	1,101,587	11,616	22,768

- ESCAPEMENTS ARE PRELIMINARY.

CHINOOK - ESCAPEMENTS WERE THE LARGEST RECORDED SINCE 1959 (98,000) AND IS THE SECOND YEAR OF ESCAPEMENTS DOUBLING THE BROOD YEARS. THIS YEARS ESCAPEMENT IS APPROX. $\frac{1}{2}$ ~~ONE~~ OF THE DESIRED OPTIMUM. THE MAJOR PRODUCERS WERE BEAR RIVER (21,500), MORICE RIVER (10,900), KALUM RIVER (9,525), ECSTALL RIVER (3,020) AND KISPIOX (2,300).

CHUM - THIS YEARS ESCAPEMENT WAS UP FROM THE ^{MAIN} BROOD YEAR 1981 (9,360), HOWEVER APPEAR TO BE MADE UP OF A LARGE NUMBER OF 3 YEAR OLDS. ESCAPEMENTS ARE WELL BELOW DESIRED LEVELS. THE MAIN PRODUCER WAS THE ECSTALL RIVER WITH (9,600).

PINK - THIS YEARS ESCAPEMENT IS ONE OF THE BEST ON RECORD WITH A VERY GOOD DISTRIBUTION OF PINKS WITHIN THE SKEENA SYSTEM. THE MAJOR SYSTEMS WERE LAKESE RIVER (600,000), KISPIOX RIVER (300,000), DABINE RIVER (300,000), SKEENA MAINSTEM (250,000)

Larry Rosenberger

1985~ RECORD of MANAGEMENT STRATEGIES AREA- 4

DATE _____

ESCAPEMENTS CONT.

KITWANGA RIVER (200,000), KALUM RIVER (100,000)
AND MORICE RIVER (40,000).

COHO - ESCAPEMENTS HAVE NOT BEEN COMPLETED AT THIS
TIME HOWEVER INITIAL INDICATIONS LOOK VERY POOR.

SOCKEYE - SOCKEYE ESCAPEMENTS THIS YEAR ARE THE HIGHEST
ON RECORD AND MORE THAN DOUBLE THE PRESENT
DESIRED OPTIMUM. THIS YEARS DISTRIBUTION OF SPAWNERS
WAS MUCH BETTER FOR THE UNENHANCED SYSTEMS
THAN IN RECENT YEARS. ESCAPEMENTS TO MAJOR
PRODUCERS ARE BABINE RIVER (500,000), FULTON
RIVER (200,312), FULTON CHANNEL #1 (17,208), FULTON
CHANNEL # (104,340), PINKUT CREEK (70,022 INCLUDING
AIR LIFT), PINKUT CHANNEL (76,377), BABINE LAKE
(1,084,385) AND LAKESE (17,475).

TABLE 16. ANNUAL SPAWNING ESCAPEMENTS FOR SOCKEYE, COHO, PINK, CHUM AND CHINOOK, AREA 4, 1964-1984.

YEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK
1964	866232	66950	1687400	6450	27200
1965	644710	119375	1281535	9530	26165
1966	412419	115950	824244	19370	21483
1967	628538	53566	593307	15075	26125
1968	576604	119100	1702025	11575	25475
1969	671504	75150	852400	11234	29500
1970	677150	84650	971800	10865	21400
1971	825400	78745	1173206	5257	20000
1972	696076	56841	1762987	36795	20120
1973	827133	39020	1259500	24351	40295
1974	730621	36720	367700	14002	32626
1975	831659	22215	1868340	10375	21359
1976	582652	31217	680425	11325	14354
1977	952080	39715	977172	11800	31130
1978	421125	51947	727773	7628	23334
1979	1168286	22370	509125	4455	19047
1980	545493	34590	745583	25006	23538
1981	1424509	26466	1187865	9360	23970
1982	1137240	24546	739800	4626	16707
1983	892000	19055	2542005	1563	16541
1984	1065215	50361	1037778	30024	37698
1964-68	625701	94988	1217702	12400	25290
1969-73	739453	66881	1203979	17700	26263
1974-78	703627	36363	924282	11026	24561
1979-83	1033506	25405	1144876	9002	19961

*NOTE: THESE ESCAPEMENT FIGURES MAY CHANGE SLIGHTLY AS THE DATA BASE IS UNDER REVIEW AT PRESENT.