



1992 SALMON NET FISHING PLANS

Pacific Region

June 30, 1992

1.0 INTRODUCTION

These fishing plans, developed after extensive input from a number of advisory committees, are based on the pre-season forecast of abundance. Although it is not stated under each week in each area the management plan for any area can change in-season. Open sub-areas, provisions for extensions, opening patterns and the duration of the fishing season can all be adjusted based on stock abundance, fishing effort, or allocation considerations. All openings indicated in this plan are expected to occur, but are not guaranteed. Catches are limited by Pacific Salmon Treaty quotas, domestic allocations, and stock abundance.

Canada and the United States have not been able to reach an agreement on the 1992 U.S. catch target for Fraser River sockeye. Consequently there is still considerable uncertainty in these plans on the sockeye allocations for seines and gillnets and the fishing patterns in Areas 11, 12, 13, 16, 20 and 29. The Fraser River Panel is not likely to be managing Panel Area waters, and when the season starts in Canada the Department of Fisheries and Oceans will manage Areas 18, 20 and 29 fisheries. Canadian advisors on the Fraser River Panel will continue as usual to provide advice to DFO for these fisheries. The sockeye disagreement with the U.S. may result in changes and disruptions to Canadian fisheries as the season progresses.

At the back of this publication are three appendices - Appendix 1 is a summary of expected fisheries, Appendix 2 is a Coast Guard notice and Appendix 3 is a lunar calendar.

2.0 MANAGEMENT OBJECTIVES

These fishing plans were developed to meet a number of objectives that include the following:

1. Meet escapement targets and Aboriginal fisheries requirements.
2. Direct fishing as much as possible on surplus stocks and minimize the harvest of depressed or weak stocks.
3. Direct fisheries on local stocks and where practical, 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.
4. Minimize the incidental harvest of chinook salmon. Harrison River and Lower Strait of Georgia chinooks and Skeena River steelhead stocks continue to be particularly depressed and special conservation measures are included in the fishing plans.
5. Manage fisheries to harvest the best quality salmon possible without causing conservation or allocation problems.
6. Coordinate fishing openings where practical with openings in other areas in order to distribute gear and reduce fleet congestion.
7. Manage net fisheries in accordance with the Pacific Salmon Treaty.
8. Manage fisheries to achieve domestic commercial salmon allocation targets.

3.0 NORTH COAST NET FISHING PLANS

3.1 EXPECTATIONS, LIMITATIONS AND MANAGEMENT INTENTIONS

In 1991, the North Coast chinook net catch exceeded the allocation of 35,000 by 13,000. This was an exceptional occurrence since all of the seine fleet was in Northern B.C. and there was the largest pink fishery on record in the Skeena-Nass areas. A much smaller fishery is anticipated in Northern B. C. in 1992, and some of the overage is expected to be recovered. There were continued severe problems with miss-reporting and the conduct of the QCI interception seine fisheries. The intent in the management of the QCI fisheries is to minimize the chinook by-catch while providing limited fishing opportunities for sockeye and pink bound for the Skeena, Nass and Fraser rivers. Close attention will be given to all Northern B.C. net fisheries to minimize the chinook catch.

The Queen Charlotte Islands (Areas 1, 2W and 2E) fall openings are listed as "daylight" fisheries as a general guide only. The opening day and the duration may vary in-season as in past years. Gear-specific management plans will be implemented for the fall fisheries as in 1991. The QCI Advisory Board recommended a maximum seine depth of 3 3/4 strips in the passing stock fisheries to reduce the chinook by-catch. This proposal remains contentious within the industry and as in past years was not supported by the North Coast Advisory Board. DFO will be implementing the QCI advisory board recommendation for shallow seines (3 3/4 strips) in 1992 to evaluate the effectiveness of this concept. DFO does not condone the releasing of chinooks from seines as a conservation measure, due to unacceptable mortalities.

Area 1

The Area 1 fishery in July and early August will be managed primarily to Skeena-Nass sockeye and pink abundance while attempting to minimize the chinook by-catch. The first opening of the Area 1 seine fishery on passing stocks will be July 13 for 12 hours. Extensions will be considered based on the abundance of target species, the chinook by-catch and fleet compliance with the request to limit seine depth to a maximum of 3 3/4 strips. As recommended by the QCI Advisory Board, a gillnet opportunity will be provided for 48 hours beginning July 12.

A large pink surplus is anticipated in Masset Inlet. The first fishery to assess incoming stocks is anticipated to be August 17.

No local chum surplus is anticipated, however an assessment fishery to reaffirm stock strength is scheduled for September 20.

Area 2W

The Area 2W fishery provides limited opportunities on passing Fraser sockeye stocks while attempting to minimize the chinook by-catch. The first seine opening (12 hours) in Area 2W will be July 13. Extensions will be considered based on the abundance of target species, chinook by-catch and fleet compliance with the request to limit seine depth to a maximum of 3 3/4 strips.

Adjustments to the sub-areas open and the ribbon boundary may be made in-season. As recommended by the QCI Advisory Board, a gillnet opportunity will be provided for 48 hours beginning July 12.

A small pink surplus is expected to Englefield Bay.

A small chum surplus is anticipated for Tasu Sound.

Area 2E

Pink surpluses are anticipated to most 2E inlets in 1992. The first assessment fishery is expected in mid-late August.

Moderate chum surpluses are anticipated in Skidegate Inlet (20,000), Cumshewa Inlet (200,000), Darwin Sound (20,000) and Selwyn Inlet (25,000). Assessment fisheries are expected to begin in early September or later depending on the area.

Area 3

A below average sockeye return to Area 3 and an average return to Area 4 should provide for an Area 3 net catch of 250,000. The plan is for a Nass sockeye gillnet fishery beginning June 29, followed by a seine fishery beginning July 12.

A relatively poor pink return is anticipated to Area 3, but a strong return to Area 4 and S.E. Alaska is expected to result in a catch of 1.8 million in Area 3.

Area 3 chum stocks remain depressed and no directed fisheries are anticipated.

Area 4

The Skeena sockeye return (to Canadian waters) is forecast to be 2,300,000 providing an Area 4 net catch of 950,000. The plan is for a Skeena sockeye gillnet fishery beginning June 29, with a seine fishery to be considered beginning July 19. A maximum of 4 fishing days per week will be allowed. The opening day and the fishing pattern within a week may be varied to take advantage of tidal cycles or unexpected variations in abundance. Net fisheries may be restricted to a maximum of 2 days per week for the weeks ending August 8 and 15 if the Skeena coho return is poorer than expected, or if the Skeena steelhead return continues the recent decline.

Fishermen participating in Area 4 fisheries, as a condition of their licence must have a holding tank or tub on board with circulating water to revive captured steelhead.

The Skeena pink return is expected to be 3.8 million. This is expected to provide an Area 4 catch of 1.0 million.

Skeena chum returns are expected to be poor and catch will be incidental to the directed sockeye and pink fisheries.

Area 5

A catch of 50,000 Skeena sockeye is expected. Area 5 will open to gillnets June 29 and seines July 12. Fishing patterns are largely based on the abundance of Skeena sockeye and pink.

The catch of local and Skeena pinks is expected to total 250,000.

Chum catches are incidental.

Area 6

A surplus of 2.75 million pink salmon is expected, from strong brood year escapements. The seine fishery is scheduled to begin July 12.

A moderate chum surplus is expected from the large brood year escapements in 1988. A gillnet fishery directed on chum salmon is scheduled for July 05.

Area 7

A surplus of 600,000 pink salmon is expected.

A surplus of 200,000 (Neekas River) chum is anticipated. Klemtu and McLoughlin Bay hatcheries are expecting small surpluses of chum and coho.

The fishery begins July 12 for nets.

Area 8

Kimsquit sockeye are projected to have a very small surplus, which is expected to be caught incidentally. No surplus is expected from Atnarko sockeye.

Large pink surpluses of 5 million to the Atnarko and 2 million to the Kimsquit are anticipated for 1992.

A Kimsquit chum surplus of 70,000, and a Bella Coola surplus of 300,000 are also expected.

A small number of chinook should be available for harvest. A chinook fishery is scheduled to begin June 15, with the chum and sockeye gillnet fishery beginning June 29 and seines July 12.

The Department of Fisheries and Oceans has called a special advisory meeting July 3 to review an initiative by the processors, intended to improve pink quality and value. This discussion relates only to daily fishing patterns within the week and will not impact the opening date for the fishery. The intention is not to fish with seines for more than two consecutive days, even though more than two days of fishing per week is expected.

As part of a continuing program of Dean River steelhead conservation, gillnet weedline regulations will be required in Dean Channel and a portion of 8-5 (Fisher Channel) beginning July 19. In addition, seine fisheries in a portion of 8-5 (Fisher Channel) will be required to release steelhead following the required procedure for brailing steelhead out of the sets.

Area 9

The Rivers Inlet total sockeye return is projected to be 650,000 (recent poor returns have been taken into consideration). The pre-season management plan indicates a projected harvest of 200,000 beginning with 2 day per week fishery starting July 5. The sockeye fishery will be managed through the local advisory committee according to the management plan.

A small pink surplus is anticipated.

No chum surplus is expected.

Area 10

A sockeye harvest of 400,000 is projected. Sockeye fisheries starting June 29 are scheduled.

No pink or chum surpluses are expected.

4.0 SOUTH COAST NET FISHING PLANS

4.1 EXPECTATIONS, LIMITATIONS AND MANAGEMENT INTENTIONS

A total return of 5,900,000 Fraser River sockeye is forecast, dominated by early and mid-summer run stocks. For a number of reasons, the Canadian commercial catch has not been established, but is expected to fall within the range of 2.7 to 3.4 million pieces. The El Niño high ocean temperatures are indicating a strong possibility of above normal rates of diversion for Fraser sockeye migrating through Johnstone Strait.

Gillnet fishing, to harvest surplus Early Stuart sockeye in Area 29, is expected to begin in early July. However, after the Early Stuart stocks have entered the Fraser River, subsequent fisheries could be affected by the Canada/U.S. disagreement and the diversion rate of Fraser sockeye migrating through Johnstone Strait. The 1992 Fraser River sockeye season will be managed with the following order of priorities:

- a) Spawning ground requirements.
- b) Aboriginal fisheries.
- c) Protecting Canada's National interests in Fraser River sockeye.
- d) Canadian commercial allocations.
- e) Maintaining fisheries in traditional areas and times.

There are chinook conservation concerns, as in past years, in Johnstone Strait and Juan de Fuca Strait. In Area 20, the 30-fathom beach boundary will be in effect for seines. If in-season monitoring indicates high chinook catches, this boundary will be moved to the 40-fathom contour.

In Johnstone Strait, conservation concerns for Lower Strait of Georgia chinook, require a 20% harvest rate reduction from the projected seasonal level. The pattern of openings and closures in Areas 12 and 13 will be similar to the 1991 fishing season but the exact number of fishing days will be decided in-season. The objective is to reduce the harvest rate on chinook salmon while maximizing opportunities to harvest Fraser River sockeye and Study Area pink salmon.

Areas 11 to 13 and 16

Sockeye

The anticipated opening date for gill nets is July 19 in Areas 11, 12 and 13. Gill nets will open on the same date as seines in Area 16. The most likely opening date for seines in Johnstone Strait and Area 16 is July 26, with possibilities of an opening a week earlier, however, these dates are flexible and will be adjusted in order to ensure that escapement objectives are met.

Pink

Study area pink escapements for 1990 were the largest in recent history, and expectations for 1992 are excellent. The total study area production is forecast to be 6.6 million, of which 3.7 million are expected to return to Mainland Area 12. The anticipated catch is in the order of 3.6 million, of which 2.5 million would result from the mainland inlet stock of Area 12.

Chum

Chum stocks returning to the Johnstone Strait-Fraser River areas are expected to total 4.0 million. A stock-size assessment fishery will be conducted during the third week of September. Further announcements regarding this fishery will be made following the South Coast Advisory Committee meeting in late September.

Expectations for the 1992 return through Johnstone Strait of Fraser River, other Canadian, and United States chums, wild and enhanced are as follows:

<u>Component</u>	<u>Canadian</u>		<u>U.S.A.</u>	<u>Total</u>
	<u>Fraser</u>	<u>Non-Fraser</u>		
Wild	1,151,000	1,716,000	NA*	2,867,000
Enhanced	<u>333,000</u>	<u>708,000</u>	NA*	<u>1,041,000</u>
TOTAL	1,484,000	2,424,000	100,000	4,008,000

The Johnstone Strait and Fraser River clock work management strategies were reviewed recently by the South Coast Advisory Committee and a modified Clockwork harvest rate schedule for Johnstone Strait was adopted as follows:

<u>TOTAL STOCK</u>	<u>HARVEST RATE</u>
0.0 - 3.0 million	10%(1)
3.0 - 3.9 million (2)	20%
3.9 - 5.2 million	30%
over 5.2 million	40%

- (1) 10% harvest rate to include non-commercial catch, catch in assessment fisheries and incidental catch in sockeye or pink fisheries. Commercial fisheries in Johnstone Strait will not be scheduled at this total stock level
- (2) The 20% harvest rate level changes from 3.0-3.7 million to 3.0-3.9 million and the 30% harvest rate level changes from 3.7-5.2 million to 3.9-5.2 million. The objective of the expansion of the 20% harvest rate run size range is to increase the wild escapement at larger run sizes.

*NA = Not Available

Terminal fisheries will be conducted under individual terminal management plans if surpluses are identified.

Areas 20 and 29

Sockeye fishing plans for these areas have traditionally been announced by the Fraser River Panel of the Pacific Salmon Commission. However, due to current circumstances, DFO will be managing these fisheries. In Area 20, the first fisheries of the season could commence as early as July 13 and no later than July 20, 1992. Area 29 gillnet fisheries are expected to commence July 6. Fisheries on other later arriving sockeye will be determined in-season and announcements of openings and closures will be provided through the Department's normal communication channels.

Areas 22 to 27

Sockeye

The marine survival rate of the 1992 return is expected to be above average. The return of sockeye to Area 23 is forecast to be 800,000 fish. This may be a conservative forecast, since it is based on a reduced estimate of smolt production in Sproat Lake. Assessment by seine test fishing and hydroacoustics, stock and age composition, and electronic escapement counters, will continue through the season. The first reforecast of run size will be announced July 10. The escapement target is 400,000 fish.

A commercially harvestable surplus of 300,000 sockeye is expected. Consequently, commercial fishing will commence June 29. Two, 48 hour, gillnet assessment fisheries are scheduled; June 29-30 and July 6-7. Subsequent fisheries are dependent on in-season reforecasts of run size; however, current projections are for further gillnet fisheries starting July 13, and seine fisheries starting as early as July 20. Allocation is 60:40 between seines and gillnets.

Chinook

The forecast return of chinook to the Somass River for 1992 is 180,000 fish. Fishing plans are developed to achieve an escapement target of 30,000 - 45,000 females. A gillnet test vessel will start in Area 23 in early August to collect sex and age data to assist in estimating run size. Gillnet fisheries in Area 23 will commence August 10 if abundance warrants. Weekly fisheries will be conducted Mondays and Tuesdays.

A gillnet test vessel will start in Area 25 in late July to collect information on abundance, migration patterns, and biological information on chinook returning to Tlupana Inlet. No commercial fisheries are anticipated at this time; information will be used to plan future fisheries.

A gillnet test vessel will start in Area 21/22 in late July to collect information on chinook returning to Nitinat Hatchery and River. No commercial fisheries are anticipated at this time.

Chum

A surplus of about 600,000 chum is expected in area 21/22 (Nitinat); and an aggressive fishing regime is anticipated. A gillnet assessment fishery may start as early as September 21. In Area 25 (Nootka/Esperanza), a surplus of about 30,000 chum is expected and a gillnet fishery is anticipated for late September. Further details and fishing times for all chum fisheries will be decided with the South Coast Advisory Committee in early September.

Three charter seine vessels will start test fishing in September along the west coast of Vancouver Island to determine chum salmon abundance. Test fishing inside and outside Nitinat Lake will commence in mid-September.

5.0 PLAN DETAILS

The net fishing plans are summarized in Appendix 1 on an area-by-area, week-by-week basis.

LIST OF APPENDICES

1. **1992 Salmon Net Fishing Plans**
2. **1992 Advisory notice to commercial ships and fishing vessels using the inside passage waters of British Columbia during the commercial fishing season.**
3. **Lunar Calendar**

Appendix 1. 1992 salmon net fishing plans.

Area	Week of	Weekly Starting		Open		Area open and remarks
		Hour	Day	Seines	Gillnets	
1	Jul 12-UFN	0600	Sunday	-	48 hrs	Sub-area 1-2, and that portion of 1-3 East of a line true North from Cape Naden.
		0700	Monday	12 hrs	-	
1	Aug 16	0700	Monday	12 hrs	12 hrs	Pink assessment fishery in Masset Inlet is proposed.
1	Sep 20	0700	Monday	-	12 hrs	Chum assessment fishery. Subareas to be announced.
2W	Jul 12-UFN	0600	Sunday	-	48 hrs	Sub-areas 2-69, 2-70, 2-71, 2-72, and 2-79. Sub-areas 2-73 and 2-78 with a beach ribbon boundary closing the inshore areas from Kindakum Point to Boulder Bay (for seines).
		0700	Monday	12 hrs		
2W	Aug 23-UFN	0700	Monday	12 hrs	12 hrs	Pink assessment fisheries may occur if stocks warrant.
2W	Sept 13-UFN	0700	Monday	12 hrs	12 hrs	Chum assessment fisheries may be conducted if stocks warrant.
2E	Aug 16-UFN	0700	Monday	12 hrs	12 hrs	Pink assessment fisheries as stocks warrant.
2E	Sept 6-UFN	0700	Sunday	-	24 hrs (two 12 hr days)	Chum assessment fishery in Cumshewa Inlet, other subareas to follow as stocks warrant.
		0700	Monday	12 hrs	-	
3	Jun 28	1800	Monday	-	1.0 day	Opening dependent on stock strength. Boundaries to be announced. Max mesh 137 mm.

Appendix 1. 1992 salmon net fishing plans continued.

Area	Week of	Weekly Starting		Open		Area open and remarks
		Hour	Day	Seines	Gillnets	
3	Jul 12	1800	Monday	1.0 day	1.0 day	Areas to be announced. Min bunt size 70 mm.
4	Jun 28	1800	Monday	-	1.0 day	Sub-areas 4-4, 4-5, 4-8, 4-9 and 4-12, 4-14, 4-15. Max mesh 137 mm. When pink salmon management starts approx. Aug 2, max mesh 121 mm.
	Jul 5 - UFN	1800	Sunday		1.0 day	
4	Jul 19					Seine openings to be determined on stock strength.
5	Jun 28	1800	Monday	-	1.0 day	Areas to be announced. Max mesh size 137 mm.
5	Jul 12	1800	Sunday	1.0 day	1.0 day	Areas to be announced. Min bunt size 70 mm.
6	Jul 05	1800	Sunday	-	1.0 day	Sub-Areas 6-28, 6-7 and that portion of 6-6 south of a line from Cape Farewell to a boundary sign located approximately two miles north of Gribble Creek and north of a line from Maple Pt. to Swirl Pt. Max mesh size 165 mm, min mesh size 149 mm.
6	Jul 12 & 19	1800	Sunday	1.0 day	1.0 day	Sub-area 6-5 and that portion of 6-6 south of a line from Cape Farewell to a boundary sign located approximately two miles north of Gribble Creek, 6-7, 6-26, 6-27, 6-28, and a portion of 6-10 (closed seaward of a line from the southern tip of Campania Island to McPhee Point on Princess Royal Island).
6	Jul 26 - Aug 08					Openings will depend on stock strength indicators. Fishing times and areas to be determined in consultation with Advisors at a July 22nd meeting.
6	Aug 09 - UFN					Commence harvesting late timing stocks. Fishing times and areas to be determined in consultation with advisors at an Aug 6th meeting.

Appendix 1. 1992 salmon net fishing plans continued.

Area	Week of	Weekly Starting		Open		Area open and remarks
		Hour	Day	Seines	Gillnets	
7	Jul 12	1800	Sunday	1.0 day	1.0 day	Sub-areas 7-4 (North of Oscar Pass), 7-5, and 7-9 (North of a line from Guard Point to Stapleton Pt). Mary's Cove boundaries will be expanded to conserve sockeye. Subsequent openings will depend upon stock strength indicators. The first in-season advisory meeting will be held Jul 16th in Bella Bella.
7	Aug 09	1800	Sunday	1.0 day	1.0 day	Sub-areas 7-12 and 7-13 to target on Neekas chums and test other stocks. Conservation measures may be required to protect local sockeye stocks.
7	Aug 09	1800	Sunday	12 hrs	-	Sub-area 7-17 between Story Point and Archibald Point to harvest McLoughlin Bay hatchery chums. Gear types will alternate as in previous years. Further fisheries to harvest surplus Neekas River, McLoughlin Bay and Kitasu Creek chum will depend upon stock strength indicators.
8	Jun 15	1800	Monday	-	1.0 day	Sub-areas 8-10, 8-11, 8-12 (north of Bensins Island), 8-13 (north of Restoration Bay) and 8-15. Min mesh 203mm. Further chinook openings will depend on stock strength indicators.
8	Jun 28 - Jul 5	1800 1800	Monday Sunday	- -	1.0 day 1.0 day	Sub-areas 8-3, 8-4, 8-5, 8-10, 8-11, 8-12 (North of Bensins Is.) and 8-15. Min mesh 149 mm. Note: Possible maximum mesh restriction in the BCGNA of 165 mm to conserve chinook.
8	Jul 12 - Jul 18	1800	Sunday	2.0 days	2.0 days	Sub-area 8-2 (easterly of a line from the southernmost tip of Stirling Island to Barney Point), 8-3, 8-4 and 8-5 (south of a line from Farewell point to a prominent point 0.7 miles northerly of Bold Point).

Appendix 1. 1992 salmon net fishing plans continued.

Area	Week of	Weekly Starting		Open		Area open and remarks
		Hour	Day	Seines	Gillnets	
8	Jul 12 - Jul 18	1800	Sunday	-	2.0 days	Sub-areas 8-10, 8-11, 8-12 (north of Bensins Island), and 8-15. Min mesh 149 mm.
8	Jul 19 - UFN	1800	Sunday	2.0 days	2.0 days	Sub-areas 8-2 (easterly of a line from the southernmost tip of Stirling Island to Barney Point), 8-3, 8-4 and 8-5 (south of a line from Farewell Point to a prominent point 0.7 miles northerly of Bold Point). Sub-areas 8-5 (north of a line from Farewell Point to a prominent point 0.7 miles northerly of Bold Point). No mesh restriction for gillnets, mandatory release of steelhead by seines using approved techniques. Gillnets required to use a minimum 40° weedline. A scientific permit is required for gillnets fishing in this area of in the weedline section of 8.5.
					2.0 days	Sub-area 8-8. Gear restriction: weedlines 100 cm to 154 cm (40 to 60 inches) below the corkline required. Min mesh 149 mm.
9	Jul 05	1800	Sunday	-	2.0 days	Sub-areas 9-2, 9-3, 9-4 and 9-11.
9	Jul 12	1800	Sunday	-	1.0 day	Sub-areas 9-2, 9-3, 9-4 and 9-11. Following the first two weeks fishing an advisory meeting will be held at Dawsons Landing (Jul 15) to evaluate estimated stock size and the potential for further fisheries.
10	Jun 28	1800	Monday	-	1.0 day	Sub-areas 10-3, 10-4, 10-5, 10-6, 10-7, 10-8 and 10-9 to harvest surplus Long Lake sockeye.
10	Jul 5 to Jul 11	1800	Sunday	-	2.0 days	Sub-areas 10-3, 10-4, 10-5, 10-6, 10-7, 10-8 and 10-9 to harvest surplus. Subsequent openings will depend on Docee River fence count and total catch to date.

Appendix 1. 1992 salmon net fishing plans continued.

Area	Week of	Weekly Starting		Open		Area open and remarks
		Hour	Day	Seines	Gillnets	
11	Jul 26 - Aug 1	1800	Sunday	-	2.0 days	Sub-area 11-1 and a portion of 11-2 westerly of line from Bright Island to Pine Island to the apex of the 11-2 Cape Caution line. Note: If the Round Island test fishery indicates Nimpkish sockeye stock have passed this area Area 11 will open earlier.
12	Jul 12 - Jul 18	0600	Monday	-	2.0 days	Sub-area 12-28 above MacDonald Point, 12-29, and 12-30. This fishery will provide stock assessment for pink salmon for fish returning to the Ahnuhati River. Maximum mesh size of 127 mm (5.0 in). Extension of this fishery dependent upon by-catch of summer run Ahnuhati chum, coho and chinook. If Ahnuhati pink salmon return stronger than forecast and bycatch is low in the gill net fishery, consideration will be given for a seine fishery in 12-28 and 12-29, once target escapements are assured. Within the mainland Inlets fishery only, purse seines will be requested to release chinook salmon.
12	Jul 19 - Jul 25	1800	Sunday	-	2.0 days	Sub-areas 12-1, 12-3 and 12-4 (Lewis Point Boundary); Adams River box boundary in effect (12-2). Mainland Inlets Closed. Note: If Round Island test fishery indicates that Nimpkish sockeye stock have passed through this area, upper Area 12 will also open.
12	Jul 26 - Aug 1	1800	Sunday	1.0 day	2.0 days	Sub-areas 12-1, 12-3 and 12-4 (Lewis Point Boundary); Adams River box boundary in effect (12-2). If stock assessment indicates surplus pink salmon stocks returning to Kingcome/Wakeman Rivers Sub-areas 12-43 and a portion of 12-40 westerly of a line from Sir Edmund Head true north to a Boundary sign will open for 12 hrs in coordination with Johnstone Strait. Note: If Round Island test fishery indicates that Nimpkish sockeye stock have passed through this area, upper Area 12 will also open.
12	Aug 2 - Aug 8	0600	Monday	12 hrs	12 hrs	If stock assessment indicates surplus pink salmon stocks returning to Kakweiken River Sub-area 12-35 (Tribune Channel) will open. Opportunity dependent upon 50% (300,000) pink salmon escapement in river and/or sanctuary.

Appendix 1. 1992 salmon net fishing plans continued.

Area	Week of	Weekly Starting		Open		Area open and remarks
		Hour	Day	Seines	Gillnets	
12	Aug 23 - Aug 29	-	-	12 hrs	12 hrs	Dependent upon stock strength sub-areas 12-27 and 12-28 may open on or around August 23 targeting on Knight Inlet pink salmon. Actual start time TBA. Any further fishing opportunity in this week or subsequent weeks dependent upon stock strength and fleet size.
13	Jul 19 - Jul 25	1800	Sunday	-	2.0	Sub-areas 13-7 to 13-9 and 13-28 to 13-32.
13	Jul 26 - Aug 1	1800	Sunday	1.0	2.0	Sub-areas 13-7 to 13-9 and 13-28 to 13-32.
16	Jul 26 - Aug 1	1800	Sunday	1.0	1.0	Sub-area 16-21 easterly of a line from Favada Point to Fegan Islets and that portion of 16-19 easterly of a line from the most easterly point of Sheer Island to the light on Texada Island.
20	Jul 12 - Jul 26					Most likely starting dates for seines 0700 July 13 or 20. Gillnets start the night before at 1900. Fishing time and boundaries to be announced in season.
21	Sep 20 - 26 Sep 27 - Oct 3	0800	Monday	-	2.0 days	Fishing plan details still to be worked out with the South Coast Advisory Committee. Area 21 will open, extended 2 miles offshore from Pachena Point to Carmanah Point. 90 mesh gillnets allowed with 100mm min mesh. Seine only fishery following gillnet assessment, probably early October.
		0800	Monday	-	4.0 days	
23	Jun 28 - Jul 4	0800	Monday		2.0 days	Gillnet assessment fisheries. Areas 23-3,4,5,6,7 inside Meares Bluff - Sanford Island - east side of Bamfield Harbour. 100 mm min. mesh, 60 mesh deep. Seine fishery not before reforecast on July 10; most likely dates July 20 or July 27. Boundaries to be announced in season.
23	Jul 5 - Jul 11	0800	Monday		2.0 days	
23	Jul 20 - Aug 9	0800	Monday	10 hrs		
23	Aug 9 - Aug 24	2000	Monday	-	12 hrs	Chinook assessment fishery. Gillnets only in part of sub-area 23-1. Minimum mesh 171 mm. Weekly fisheries are anticipated.
25	Sep 20 - Oct 3	0800	Monday	-	2.0 days	Gillnet assessment fishery. Details to be worked out with South Coast Advisory Committee in early September.
29	Jul 5 - UFN	0800	Monday			Gillnet fisheries expected to start July 6 subject to strength of Early Stuart run. Time and boundaries to be announced in season.



Canadian
Coast Guard

Garde côtière
canadienne



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Appendix 2



1992 ADVISORY NOTICE

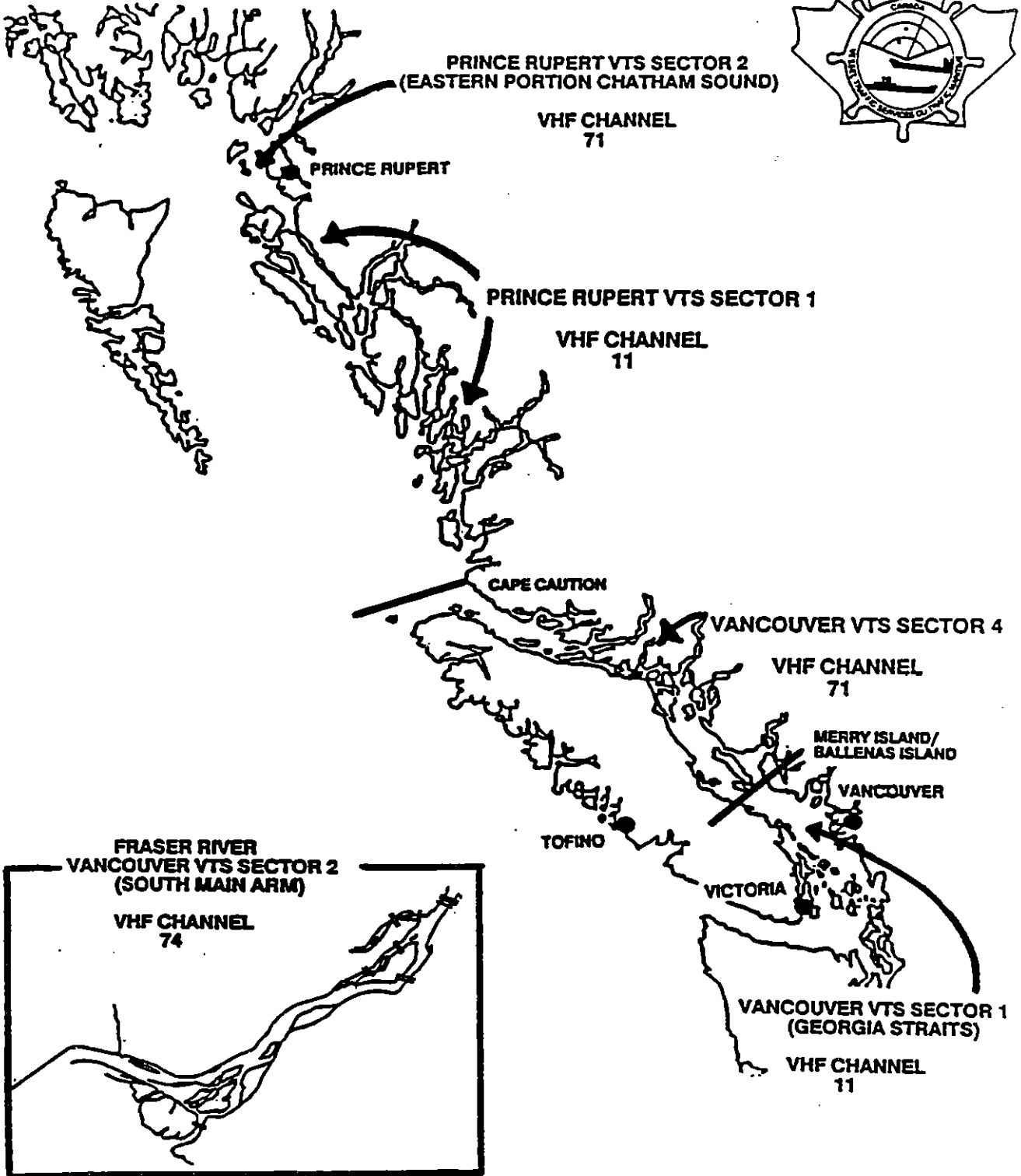
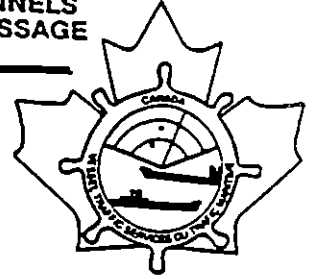
**TO COMMERCIAL SHIPS AND FISHING VESSELS USING THE INSIDE
PASSAGE WATERS OF BRITISH COLUMBIA DURING THE
COMMERCIAL FISHING SEASON.**

1. All Commercial vessels transiting an open fishing ground are advised to monitor VHF Channel 78A (156.925 Mhz) in addition to the Vessel Traffic Services Channel for the VTS Sector they are in (see reverse side). Vessels while in transit through the grounds should broadcast their intended track at frequent intervals on Channel 78A.
2. Where possible and when in compliance with established regulatory procedures, Commercial vessels in transit through a fishing ground are advised to set a course through the center of the channel.
3. Fishing vessels when underway are required to travel with high intensity deck lights extinguished.
4. When circumstances allow and in compliance with established regulatory procedures, fishing vessels engaged in a fishery are advised to leave the center of any channel clear for the unobstructed passage of other vessels.
5. All vessels engaged in a Commercial Fishery are advised that it is imperative that correct lights and shapes are exhibited in accordance with the International Collision Regulations.



The above recommendations were endorsed at a meeting in Vancouver, B.C. on May 28, 1992, attended by the Canadian Coast Guard and representatives from industry.

VESSEL TRAFFIC SERVICES
VHF CHANNELS
INSIDE PASSAGE



1992

SUN MON TUE WED THU FRI SAT DIM LUN MAR MER JEU VEN SAM

January - Janvier

			1	25	3	●
5	6A	7	8	9	10E	11
●	13	14	15	16N	17	18
OP	20	21	22E	23	24	25
●	27	28	29S	30	31	

July - Juillet

			1P	2	3	4E
5	●	7	8	9	10	11S
12	13	●	15	16	17A	18
19E	20	21	●	23	24	25
26N	27	28	●	30P	31	

February - Février

						1
2A	●	4	5	6E	7	8
9	10	●	12	13N	14	15
16	17P	●	19E	20	21	22
23	24	●	26S	27	28	29A

August - Août

						1E
2	3	4	●	6	7S	8
9	10	11	12	●	14	15E
16	17	18	19	20	●	22N
23	24	25	26	●	28E	29
30	31					

March - Mars

1	2	3	●	5	6	7
8	9	10	●	12	13	14
15	16P	17E	●	19	20	21
22	23	24S	●	26	27	28A
29	30	31E				

September - Septembre

			1	2	●	4S	5
6	7	8	9A	10	●	12	
13	14	15	16	17	18N	19	●
20	21	22	23	24P	25E	26	●
27	28	29	30				

April - Avril

			1	●	3	4
5	6	7N	8	9	●	11
12	13P	14E	15	●	17	18
19	20S	21	22	23	●	25A
26	27	28E	29	30		

October - Octobre

					1S	2	●
4	5	6A	7	8	9E	10	
●	12	13	14	15	16N	17	
●	19	20	21	22PE	23	24	
●	26	27	28S	29	30	31	

May - Mai

					1	●
3	4	5N	6	7	8P	●
10	11E	12	13	14	15	●
17	18S	19	20	21	22A	23
●	25E	26	27	28	29	30

November - Novembre

1	●	3A	4	5E	6	7
8	9	●	11	12N	13	14
15	16	●	18PE	19	20	21
22	23	●	25S	26	27	28
29	30					

June - Juin

	1N	2	3P	4	5	6	
●	8	9	10	11	12	13	
OS	15	16	17	18	19A	20	
21E	22	●	24	25	26	27	
28N	29	●					

December - Décembre

			1A	2E	3	4	5
6	7	8	●	10	11	12	
13P	14	15	●	17	18	19	
20	21	22S	●	24	25	26	
27	28	29AE	30	●			

LEGEND

- new moon
- first quarter
- full moon
- last quarter
- A - moon in apogee
- P - moon in perigee
- E - moon on equator
- N - moon farthest north of equator
- S - moon farthest south of equator

LÉGENDE

- nouvelle lune
- premier quartier
- pleine lune
- dernier quartier
- A - apogée
- P - périgée
- E - lune à l'équateur
- N - position la plus au nord
- S - position la plus au sud

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