RECORD

THOMSON
STATIONERY
CO LTD
VANCOUVER.

1910 & 1911

1912

1913

HENRY DOYLE
12670 VENTURA BLVD.
NORTH HOLLYWOOD, CALIF.

Machiela Started Apr 16th to 27th Nets ~~Board~~ 26. Nets Apr. $5
Apr 28th to May 14 Building Jap. House 6.50 Bldg " $5
$65 per mo
or $2.16⅔ per day May 15 - " 20 R&R Buildings
" 20 - 25 Boats
" 25 - 30 Nets

Machida

Japanese Contractor

Time Book works done for
K. P. Coy Mill Bay Cannery. 1908.

Date	No of men	Hours	Total	Wages
	Oshichaus a/c			
Mar 14	Filing Barrels 1	5	5	
" 14	" " 1	1	1	
" 16	" " 1	3	3	
" 17	Kits " 1	6½	6½	
" 19	2	9	18	
"	2	4	8	
20	2	2	4	
"	1	3	3	54½
	1	6	6	20 / 10 / 10.80 / 10.90 Entd J 4
Apr 2nd	4	5	20	
3	4	9	36	
13	3	4	12	68 / 20 / 13.60 Entd J 5
		20+ per Hr	122½	24.50

Nets a/c

Date	No of men	Hours	Total	Wages
Mar 12th	7	1	7	
Mar 25	3	9	27	
26	3	9½	28½	
	2	8½	17	
	1	8	8	
	1	4½	4½	
	2	4	8	
27	9	9	81	
	1	4	4	
	1	6	6	
28th	10	9½	95	
	1	10½	10½	
30th	1	10½	10½	
	8	9½	76	
31st	2	4	8	
	6	9½	57	
	1	10	10	459 20 91.80 Entd f 4.
Apr 1st	10	9½	95	
" 2nd	2	4½	9	
3	3	4	12	
4	1	9½	9½	
5	4	1	4	
6	1	9½	9½	
11th	3	7½	22½	
16th	4	10	40	
			Forward 201½	
			20 per hr ~~659½~~	~~131.90~~

Carried Forward to Page 12

Boats a/c

Date	No of men	Hours	Total	Wages.
Mar 28th	2	9½	19	
30	1	4½	4½	
31	16	½	8	31½ 20 10 6.20 6.30 Ent to J4
Apr 1st	2	5	10	
" 2nd	1	9½	9½	
" 3rd	5	9½	47½	
3rd	2	5	10	
4	5	9½	47½	
4	2	5	10	
6th	2	7	14	
	2	7½	15	
	1	2	2	
	1	9	9	
	1	5	5	
7	1	5	5	
9th	2	5	10	
10th	2	9	18	
11	5	3½	17½	
11	1	10	10	
" 17th	1	9½	9½	
21	2	3	6	
" 21	1	5	5	264½ 20 10
" 23	1	4	4	52.80 52.90 Ent to J5
			264½	
		20¢ per hr	~~296~~	~~59.20~~

See page 16.

Plant & Land: a/c

Date	No of men	Hours		Total	Wages
Apr 1	Repairing 2	4		8	
2	Clearing Brush 4	4½		18	
3	" " 6	4½		27	
4	" " 6	4½	R&R Bldgs	27	
6	" " 6	4½		27	
" 8	" " 1	3		3	
	" " 5	7		35	175/20 = 35. R&R Bldgs
9	" " 6	5		30	
10	Solder Machine 2	9	P.T.M.	18	38/20 = 7.60 P.T.M.
11	" " 2	10		20	
11	Blue Stone tanks 1	R&R P.T.M.	5	5	=@ 20 = $1. R&R P.T.M.
15	Cannery roof. 2	10		20	
"	Clearing Brush 5	3½		17½	
	Smoke Stack 1	4½	R&R Bldgs	4½	
	" " 1	6½		6½	
	" " 1	5		5	73½/20 = 14.60/14.70 R&R Bldgs
16	Cannery roof. 2	10		20	
17	Blue Stone Tanks 1	R&R P.T.M.	9½	9½	@ 20 = $1.90 R&R P.T.M.
18	Cannery. 3	4		12	
21	Track iron 1	7½	R&R Bldgs	7½	28½/20 = 5.60/5.70 R&R Bldgs
22	" " 9	9		9	
21	Blue Stone Tanks 2	R&R P.T.M.	6	12	@ 20 = $ 2.40 R&R P.T.M.
25	Cannery. 3	R&R Bldgs	5	15	@ 20 = $3. 4.20 R&R Bldgs
May 18	Picking up stone 6		4½	27	

R&R Bldgs 58.40
" P.T.M. 5.30
" " 7.60
Ent to J5 71.30

See page 14

~~Salt House~~ Pickled Fish a/c.

Date	No of men	Hours	Total	Wages.
After 2nd	Friegth 13	4½	58½	
9th	1	1	1	
			59½	
			20	
			10	
			1180	Ent of 5
			11.90	

Canneries Supplies a/c

Date	No of Men	Hours	Total	Wages
Apr 2nd	Freights 2	3	6	
" 9th	" 2	5	10	
" 18th	" 2	3½	7	
" 15th	1	5	3	
	1	3	3	
"	1	2	20 Hrs 33 Hrs 2	6.60
			33	
			20	
			6.60	Ents f5

Freight Mdse a/c

Date	No of men	Hours	Total	Wages
Apr 8th	mail. 3	5	15	
Mar 21	1	4	4	14 20 2.80 Entd f 4
" 25	4	2½	10	
Apr 14	1	5	5	
" 29	1	2½	20+ 4½ 36½ 2½	7.30
			22½ 20 10 440 4.50	Entd f 5

Buildings Jap House

Date	No. of men	Hours	Total	Wages
Apr 6th	2	6	12	
" 14th	2	10	20	
" "	4	5	20	
" 23	6	4½	27	
" 27	16	3	48	
" 28th	10	9½	95	
" 29th	4	9½	38	
	2	7	14	
	2	5	10	
	1	2½	2½	
30	8	9½	76	386½
	2	12	24	20 / 10
May 1	8	10	80	77.20 / 77.30 Entd J S
	1	5	5	
2	6	10	60	
	2	5	10	
4	10	5	50	
5	11	10	110	
6	11	10	110	
7	11	9½	104½	
8	11	10	110	
9	9	10	90	
11	9	10	90	
12	9	10	90	
			~~1296~~ 90 9½	

Buildings (Jap House continued)

Date	No of men	Hours	Total	Wages
			Brought Forward 989½	
May 14	2	5	10	
14	4	10	40	
16	Jap house naft 1	5	5	
18	do 2	2½	5	
28	" 1	7	7	
29	" 1	2	2	
			978@20¢	$195.60 Ent'd f 10
			Indian Houses	
March 18th	4	5	20	40
" 23	4	5	20	20 / 8.00 Ent'd f 4
Apr. 7	Stores 1	3	3	
8	" 1	6½	6½	
10	1	2½	2½	
14	Store 1	10	10	
			22	
			20 / 4.40	Ent'd f 5

10

Caroline Launch a/c.

Date	No of men	Hours		Total	Wages.
Mar. 9th	1	carpenter	2	2	
" 11th	1	"	10	10	
				12	
				20	
				240	Entd f 5

Fuel a/c

Date	No of men	Hours	Total	Wages
Apr 23	1	4	4	.80
"		16 cords Stove Wood @ 4.50		72.00
		16 " Cord Wood @ 4.00		64.00
				136.80

Ents f/s

Nets a/c continued from Page 2

Wages.

Brought Forward 20¢ per Hr ~~659½~~ 201½ ~~131.90~~

Date		No of men	Hours	Total	
Apr	17	4	9½	38	
	18th	10	5	50	
	19	6	9	54	
	20	1	10	10	
	21	2	9½	19	
	22	5	9	45	
	23	2	4½	9	
	"	2	9½	19	459 20 91.80 Entd J5
	25th	3	4½	20¢ per Hr 257½ 13½	~~51.50~~
May	14	1	9½	9½	
	15	1	10	10	
	16	1	10	10	
	18	Corks 1	9½	9½	
	18	leading line 3	5	15	
	19	nets 6	10	60	
	20	" 2	10	20	
	21	" 2	10	20	
	22	" 2	10	20	
		corks 2	9	18	
	23	nets 2	10	20	
		Corks 2	9	18	
		" 2	8	16	
	25	nets 4	10	40	
				286	

Net a/c continued

Brought forward

Date	No Men	Hours	Total 786
May 26	net 4	10	40
27	4	8	32
28	1	10	10
29	2	10	20
30	2		15
			403
			20
			$120.60
			Ents of 10
June 1st	1	10	
2nd	1	10	
3 "	1	10	
4 "	1	10	
5 "	1	10	
6 "	1	10	
10 "	1	10	
11 "	1	10	
12 "	1	10	
13 "	1	10	100
			20
			20.00 Ents of 16

Plant & Land a/c (continued from Page 4)

Brought Forward.

Date	Nature of Work	Men	Hours	Total	Wages
Mar. 6th	Warehouse	1	2	2	
" 7	"	1	2½	2½	
" 9	"	1	2	2	
" 10	Sidewalk	1	3	3	
" 12	Flume	1	5½	5½	15/20 3.00 Ents fol
May 18	Picking up stones	6	4½	27	
18	Work in Blksmith Shop	2	9½	19	
18	Cleaning boiler	2	4	8	
18	Solder pot	2	3	6	
28	Building	2	5	10	
29	"	1	10	10	
30	"	1	10	10	
				90 20 18.00 Ents fol 10	
June 1st	Building	1	5	5	
2	"	1	5	5	
2	Fierce covers	1	5	5	
10	Water pipe to Jap	3	10	30	
10	Chuzyama House	2	10	20	
11	" "	2	10	20	
11	Water pipe to Jap	3	10	30	
12	" "	3	10	30	
12	Chuzyama House	2	10	20	
				165	

Plant & Land

Date	No Men		Hours	Total	Wages
				165	
June 13th	Ice house	2	10	20	
	Chirrijama house	3		17	
18th	Corrugated iron	6	5	30	
	"	1	1½	1½	
	"	4	2½	10	
19th	"	4	½	2	145½ R.B. Bldg
22	"	6	10	60	
23	"	6	7	42	
24	Cascade lumber	2	5	10	
25	R				
29	Jap wharf	1	5	5	
				362½	
			145½ 217	20	
			20 20	10	
			10 434.0	7240	Ent'd J 16
			29.00	72.50	
			29.10		

Boat a/c from p 3.

Date	No. of men	Hours	Total	Wages
May 18	Masts 1	9½		9½ @ 20¢ = 1.90
				Entd J10
June 1	1	5		
25	Rudders S Boats 1	10		
26	" 1	10		
27	Fed Boats 1	7½		
27	Rudders S Boats 1	10		
29	" 1	10		
		52½		
		20		
		10½		
		10.40		
		10.50	Entd J16	

Babcock & Williams 1911

Bella Coola	70 gill nets
Kildala, Kimsquit	40 "
Draney, "	40 "
Lowe Inlet	13 seines
Smiths Inlet	1 purse seine 8 drag " 25 gill nets
Namu	1 purse seine 8 drag " 25 gill nets

Babcocks boat rating 1910

	Skeena Richardson 1908	Babcock 1910	Babcock & Williams 1911
Balmoral	115	115 boat	115
Cunningham	55	55 "	60
Dominion	60	60 "	57
Alexandra	35	35 "	31
British America	85	85 "	89
North Pacific	60	69 "	70
Claxton	105	89 "	89
Oceanic	90	89 "	89
Inverness	70	69 "	70
Carlisle	70	69 "	70
Cassiar	60	65 "	55
Skeena Cann	55	55	55
Total	850	855	850
	Rivers Inlet		
Wadhams		145	130
Brunswick		115	107
B C Can'g Co		115	107
Good Hope		100	95
Beaver		95	89
Kildala			
Strathcona		90	86
Naas River Canneries each —		60	60

General Notes

1910

19th May. English was up on Vadso last night. He said spring run on Skeena so far was very poor. He had only 60 tierces packed at Balmoral, also 150 ½s tall spring. At Arrandale Wallace told him he had 54 tierces up. His high boat last week had 60 fish.

Cassiar sale 1910 pack

Cassiar wrote me under dates of May they had sold their ½# flats at $7.25 less 2½% and were going to cut their 13½ + 18½ plate into ½ flats as they expected 1# flats would not bring over $6.40

Fraser Sales

Evans wrote under date of 19th May that a sale had been made of 1500 ½s each ½# & 1# flat Fraser at $7.75 and 6.50 respectively

30th May

John Wallace was here to-day. He said he is prepating for 1500 ½# flats, 2500 1# flats, and balance talls. He has not yet sold but had an offer of $7.60 for ½# flats, 6.40 for 1# flats and 6.00 for talls, all less 2½%. He made counter offer of $7.50 nett for ½ flats, balance same as above and thought buyers would accept

Arrandale preparation & offers

General Notes

7th June — Chambers was here to-day and said their pack preparations were as follows:-

4000 c/s 1# talls, new cans made at Naas Harbour this year
3000 " 1# " received from Fraser – 1909 made cans
Naas Harbour — 3000 " 1# flats, new cans made at Naas Harbour this year
preparations — 1500 " ½# ovals, made at Steveston 1906
700 " ½# flat pressed cans, made at Steveston
12,700 " total preparation.

Naas Harbour is working their Chinamen on day labour. In addition to those they have now Chambers has written for 22 more men but is afraid he will not get them all.

th June — Evans under date 3rd advises sale of 1000 c/s of our 1909 Sockeye talls at 24/6 ex quay Liverpool. This same price was also paid then for Puget sockeye talls.

ee 1909 talls

Evans under date 9th inst. says Tall Sockeyes are worth about 6.00 per case to-day. He has an order of 4000 c/s No 1 Puget Sockeye talls, 1909 pack, at $5.85 per case f.o.b. for shipment about 17th July. U.K. buyers declines this as spot goods in their market were obtainable cheaper.

ckeye
ll
ices

General Notes

Evans thinks when the pack becomes known falls, in Canada at least, will bring even better than $6.00 so he advises holding until season is over and results known.

Humpback prices — Evans also reports the purchase of 4000 cs Skeena Humpback talls at 2.90, less 5% labelled. These he has since disposed of. Gosse of Knights Inlet has been offering up to 5000 cs humpbacks at 2.90 less 2½%, labelled, but so far has made no sales

3rd June — Evans under date 17th inst., reports having declined $7.65 per case for the balance of our ½# flats. He thinks he can get $7.70. He also reports 1# talls as worth $6.10, less 2½%, unlabelled, f.o.b. terms.

1910 selling values — Humpbacks in the U.K. are now worth 12/9.

George Alexander, under date 15th June writes the Great West Pkg Co have sold Evans 3000 cs ½# flats at $7.75. Evans also bought 4000 cs ½# flats from the Burrard Can. Co.

Great West Sale ½# flats

General Notes

Col. River opening prices

The Columbia River Packers Ass'n have named the following opening prices for 1910;-

1# Talls	1.75 per dozen =	7.00 per case
1# Flats	1.90 " " =	7.60 " "
½# "	1.10 " " =	8.80 " "

5th July

Anderson told me to-day every place he has visited south of the Naas is doing very well.

Coast packs to date

The Skeena pack to the 13th he estimated at 49000 ⁰/s sockeye. Rivers Inlet to the 9th was 17800 ⁰/s, Bella Coola 3000, Kildala - Kimsquit 1800, Draney Kimsquit 1600 ⁰/s.

Probable opening prices

Opening prices for Canada he says have not yet been named but it is expected Clover Leaf and Horseshoe will open at $6.50 Red Springs at $5.50. Cohoes $4.75 and Cascade Humpbacks at $3.75.

Standale preparations

Jno Wallace's ~~opening prices~~ pack preparations are for 1500 ⁰/s ½# flats, 3000 ⁰/s 1# flats & 11,500 ⁰/s talls. Total 16,000 ⁰/s

Port Nelson preparations

Port Nelson prepared for 4000 ⁰/s ½# flats, 3000 ⁰/s 1# flats and 10,000 ⁰/s 1# talls. Total 17000 ⁰/s.

General Notes

18th July

Naas packs to date

Estimated packs on the Naas up to 16th inst., inclusive are as follows:-

Arrandale Cannery	2300	300	Spring	2600
Port Nelson "	2300	100	"	2400 "
Naas Harbour "	1500	100	"	1600 "
Mill Bay "	2400	150	"	2550 "

21st July.

Sale 1909 talls.

Evans under date 9th inst., reports the sale of our remaining 1909 Sockeye talls at 25/6 ex store. He also reports the English market has been exploited with humpbacks and they have taken very well.

23rd July

Port Nelson sale Cohoes.

Evans under date of 13th inst., says Mr Kealy informed him the Port Nelson cannery have already sold all their coming seasons pack of cohoes at $4.50 labelled less 2½%.

24th July

Water at Dam.

Was up at the dam to-day and found the water in the lake was 22 inches below the raceway as against 16 inches on the 17th inst., showing a nett loss of 6 inches for the week. The present height of water above the top of box holding the intake pipe is 5' 6".

General Notes

26th July

Port Nelson's pack to to-night is 4600 ℔s sockeye. They packed their first 1# flats to-day, putting up 230 ℔s.

Port Nelson pack to date

Allowing 4000 ℔s for ½ flats and 230 ℔s 1# flats gives them 370 ℔s 1# talls which were put up before they commenced on the ½ flats.

29th July

Wallace under date of 27th inst., writes that Claxton's pack to that night inclusive was

Claxton & Cassiar packs

21,000 ℔s sockeye and 1000 ℔s springs. Peck told Cosens in Rupert that Cassiar pack to the same date totalled 11,350 ℔s of all kinds.

30th July

Billy Vaughan said that Carlisles pack to date is 14000 ℔s red fish – the largest ever secured there and that Cassiar now has up about 13000 ℔s. Claxton's original preparation he says was for 29 000 ℔s and they have already sent away for more tin. Fish are still good on the Skeena

Skeena run 1890

The News Advertiser under date 25th July in its notes of 20 years previous states the Skeena run of 1890 was the best ever known there but that the canneries were so short of labour they could not take full advantage of it.

General Notes

31st July

Rivers Inlet, Smiths Inlet & Alert Bay packs

Chambers was told by the officers of the "Beatrice" that Rivers Inlet had filled all their cans and closed down before the run was concluded owing to lack of cans. Alert Bay and Smiths Inlet were also reported filled up

Naas Harbour pack

Naas Harbour pack to date is a little over 4000 c/s all told. At present they are putting up 1# flats with about 20 c/s of 1/2# ovals every morning pending the 1# flats getting the bathroom gang blocked

Evans under date of 27th inst. says the following opening prices have been named by the B.C. Packers Ass'n;-

1910 opening prices

Cloverleaf, Maple Leaf & Horseshoe	6.50 per c/s
Oweekayno & other Northern sockeye	6.15 " "
Red Springs	5.50 " "
Cohoes	4.75 " "
Pinks	3.75 " "

Todd has refused to put out any price for Pinks, as they insist on a differential of 10¢ per c/s as against the Packers "Cascade" brand. They are trying to get Packers to name $3.35 for Cascade; other brands $3.25 or $3.25 Cascade and $3.15 for the others

General Notes

Up at the dam to-day found the level of lake had lowered 5 inches since last Sunday. To-day the water was 27 inches below the raceway as against 22 inches on the 14th and 16 inches on the 17th. The present height of water above top of box holding the intake pipe is 5' 1"

Water at Dam

4th Aug

Lord under date of 3rd writes his pack to night of 2nd was 175 c/s springs and 5600 c/s sockeye. This is as compared to 9557 c/s to 3rd August 1909 and 5512 c/s to same date 1908. They packed 2000 c/s sockeye in August 1909, 4000 c/s in August 1908 and nearly 7000 c/s in August 1905, the first year Port Nelson operated.

Port Nelson packs.

5th Aug

Wallace's pack to night of 3rd was a little under 6700 c/s total. To-day he expects to put up enough more to make his total 7000 c/s of all kinds. As our pack is 7500 c/s all told we are about 500 c/s better than he is.

Wallace's pack

7th Aug

Chambers told Cosens to-day that his pack to date is 5000 c/s. He put up 1000 c/s for the week of which 187 were packed Friday & 340 c/s yesterday

Naas Harbour pack

General Notes

Water at dam

Was up at the dam to-day and found the water in the lake had lowered 5 inches since last Sunday. To-day the water was 32 inches below the raceway as against 27 inches on the 31st ultos.; 22" on the 24th; and 16" on the 17th. The present height of water above top of box holding the intake pipe is 4' 9"

11th August

Coast pack

Jno. D. Williams was here to-day and says the Skeena pack is over 250,000 ℔s, mostly Sockeyes. The coast pack is all exceptionally good except Alert Bay which is practically a failure.

Naas pack to date

Williams says the Naas pack of sockeyes to date is

Mill Bay cannery	8000 ℔s
Jno Wallace	7500 "
Port Nelson	7100 "
Naas Harbour	5600 "

He also said both Wallace and Port Nelson expect to close down on the 7th September.

General Notes

14th Aug

Up at the dam to-day found the water had lowered 8 inches since last Sunday. To-day the water was 40 inches below the raceway as against 32 inches on the 7th, 27 inches on the 31st ulto, 22" on the 24th, and 16" on the 17th. The present height of water above top of box holding the intake pipe is 4' 1"

Water at Dam

15th Aug

Chambers was here to-day and said his pack to Saturday night was a shade under 6000 c/s, of which about 100 c/s were Springs, 100 c/s Cohoes and a few humpbacks. This would leave his Sockeye pack about 5700 cases.

Naas Harbour pack

21st Aug

Up at the dam to-day and found the water had lowered 6½ inches since last Sunday. To-day it was 46½ inches below the raceway as against 40 inches on the 14th inst., 32" on the 7th, 27" on the 31st ulto., 22" on the 24th, and 16" on the 17th. The present height of water above top of box holding the intake pipe is 3' 6½"

Water at Dam

General Notes

11th Aug

Davis when here to-day showed me his figures of steelhead receipts up to date. Up to last night they were as follows;-

Take of Steelheads.

Port Nelson	1538 fish		
Jno Wallace	1157 "		
Nass Harbour	805 "	▽ 27 ▽ 92	to-day
Mill Bay	1308 "	▽ 90	" "
Total	4808	and 182	= 5017. ~~4990~~.

To this is to be added Wallace's and Port Nelson's deliveries of to-day.

The above figures for Port Nelson include 70 fish on the 10th (Saturday) on which day no fish were taken from others owing to a shortage of ice. On this day we salted 167 which weighed dressed 990 lbs. or an average of 6 1/18 lbs allowing for waste in head, tails, bones, etc this would make average weight of round fish about 8 lb.

Average weight Steelheads

Yesterday I weighed 20 steelheads in the round and found they averaged 9 7/5 lbs in weight.

General Notes

28th Aug

Water at dam

Was up at the dam to-day and found the water had raised 5½" in the lake since last Sunday. To-day it was 41 inches below the raceway as against 46½" on the 21st, 40" on the 14th, 32" on the 7th, 27" on the 31st ulto, 22" on the 24th, 16" on the 17th. The present height of water above the ~~top~~ of box holding the intake pipe is 4ft.

30th Aug

Lake of Steelheads.

Davis was here to-day and says this is his last trip after Steelheads. Port Nelson and Annandale have practically lost all their fishermen and all they could count on receiving on future Trips would be Naas Harbour and our fish and he does not think it would pay to come for them unless he could average 300 fish a Trip, which is doubtful.

Up to the time he left here on the 24th inst., the Steelheads received from all the Naas canneries totalled 5156. Since the 24th we have delivered them (including to-days) 743, making 5899 I know of. Taking our 743 delivery to be a third of the total would give approximately 7385 fish sent to Claxton from the Naas this season.

General Notes

Skeena steelheads.

Davis says Claxton has done very well on Steelheads on the Skeena this season and is still getting about 500 a day from the canneries there. They are also doing very fair on Cohoe fishing. They have only 20 boats of their own engaged on Cohoe fishing.

2nd Sept. Water at dam

Was up at the dam to-day with Jno. S. Tait and found water was only 2 feet below level of raceway. This is a rise of 17 inches since last Sunday.

1910 Sockeye pack

Evans under date of 16th Aug sends me estimate of Sockeye pack for B.C. for this season made up as follows:-

Fraser river	1410500	to 22 Aug.
Skeena "	179518	"
Naas "	28267	"
Rivers Inlet	124810	"
Alert Bay	3700	"
Bella Coola	10900	"
Lowe Inlet	9500	"
Smiths Inlet	15350	"
Knights Inlet	2100	"

General Notes.

Quathiaski		1,500 c/s
Nanna		4,000 "
Kimsquit (Draney)		6,700 "
" (DTB)		7,900 "
Alberni		2,700 "
Clayoquot		5000 "
	Total	543525 "

Of the above Clayoquot and Naas river packs are estimates. Balance are figures furnished by packers.

Evans also writes that sales of 1 lb tall sockeyes in Canada are as follows:-

Canadian Sales 1910 Sockeyes Talls

B.C. P.C.	Clover Leaf & Maple Leaf brands		55,000 c/s
Do	other brands		7,000 "
Lodds	Horse Shoe	"	20,000 "
B.C. Can. Co	Oweekayno	"	11,000 "
E.C.E.		"	5,000 "
A.B.C. Pkg Co		"	2375 "
	Total		100,375 "

Prices offering

Evans also reports that owing to the very large pack of sockeye talls packers are offering Fraser & Skeena talls at 6.25 and Rivers Inlet talls at $6.00 unlabelled for the U.K. Buyers are holding off but with firm offer would probably pay $6.15 for Skeena.

General Notes

31st Sept

Port Nelson pack

Walker was up from Port Nelson to-day and said they had finished casing up with a total pack of ~~8813~~ 9313 ℔s of which about 8000 ℔s were sockeye.

30th Sept.

Arrandale pack.

Arrandale have finished casing up with a total pack of 10200 cases of which 8466 cases are sockeye.

21st inst.

W A Anderson has compiled the following prices covering Fraser & Skeena quality ½ # flat sockeyes for the past six years. Prices are those ruling in the U.K. market and are f.o.b. Vancouver quotations

½ # flat prices

	Low	High
1905	6.25	7.50
1906	7.30	7.50
1907	7.35	7.60
1908	7.50	6.90
1909	6.25	7.25
1910	7.75	8.50

The above "low" prices were not the lowest that prevailed but were "opening" figures In 1909 ½ flats were sold as low as 5.75 but 6.25 was the opening price subsequently named.

General Notes

The Fort Nelson Cannery has been sold to the ABC Pkg Co for $36,500 for the bare plant. The purchasers are to pay extra for gasoline tug, fishing boats, scows, and all materials.

The Naas Harbour Cannery has been leased to the Canadian Can'g Co on a royalty basis of so much a case for Sockeye and a lesser sum per case for the cheaper grades. The leasees also have the option of purchasing the plant if they so desire

th Nor-

Son was in to-day and said the Naas Harbour preparations for 1911 would be

aasHarbour	7500 Cs	½ # flats	New tins
1911	2500 "	1 # Talls	" "
pack	3000 "	1 # flats	old "
	13000 "	Total	

hinese ontract

His contract is for 85 cents for ½ # flats and 5¢ cents for 1 # cans. He is to pay all the cost of Klootchman labour and cost of taking salmon from gut shed to fillers. The cannery allows him extra for cost of trucking full cases from pack room to warehouse

General Notes

6th Dec — Lord was in to-day. He says he is putting on all his Japanese for spring fishing by month. His instructions are to get ready for canning spring at earliest possible moment & does not expect to have many to spare for me. He did not say what their total preparation would be but said they were only making 4500 c/s of ½ # flat cans.

Port Nelson notes

1911

General Notes

6th Jany

Yesterday Windsor's representatives took over the Scottish Canadian cannery from Dodwell; the purchase money having been paid over the previous day.

Sale of Scottish Canadian

I understand the place was sold for $30,000, although and that Windsor turned it over to a new company at $60,000, half cash and balance stock. In this way the ultimate purchasers put up all the actual cash and Windsor made $30,000 in stock as his profit on the turnover.

11th Jany

Yesterday McRae and his associates purchased the Alberni Cannery from Dawson and the Claxton Cannery from Wallace. I have not heard what they paid for Alberni but the Claxton cost $280,000

Sale Claxton & Alberni

It is reported they have two other Skeena canneries under option which it is expected they will take. One I think is the Carlisle for which they sometime since offered $75,000 but for which Dawson asked $100,000. Lord told me to-day the other cannery he thought was the Skeena Co'd

Carlisle & Skeena Co'd

General Notes

Sale of Arrandale

Lord told me that the ABC Pkg Co this morning purchased the Arrandale cannery from John Wallace. He said Desbrisay had sent a man up to look at it and they were willing to take it if terms could be arranged, but were not prepared to pay all cash. The ABC. hearing what was up offered all cash and so they secured the property. Lord says he is to be manager of both plants.

17th Jany

Sale Gosse's humps ½ flats.

Russell told me to-day that Gosse has sold 16,000 cases ½ # flat humpbacks at $4.50 per case for the U.K. This is 1911 pack. Russell says the humpbacks he gets in Knights Inlet are exceptionally good quality

21st Jany

Gosse's Sales

Powell told me to-day, and Anderson subsequently confirmed, that Gosse has practically sold all of his proposed 1911 pack. He sold at $8.50 for ½ # flat Sockeyes, $6.60 for ½ # flat Cohoes, $5.60 for 1# flat Cohoes, $4.50 " ½ # flat Stumps and $3.60 for 1# flat humps

General Notes

Scottish Canadian preparation

Powell also told me Windsors preparations at the Scottish Canadian would be for 5000 #/s ½#flats and 20,000 #/s 1#talls.

Peabody's offer

Peabody wired me an offer of $8.00 per case for 3000 #/s ½#flat Naas Sockeyes. I cabled back declining; told them of Gosse's sale at $8.50; and wrote in confirmation that at Gosses fish was inferior in quality to Naas I would not sell even at this latter price but would hold off until 1st April to see how the market is then

2nd Feby

Peabody wrote confirming offer of $8.00 per case and said if I went back with $8.75 he could doubtless get this as when buyers made from offer they were generally prepared to come up 1/- per case.

4th Feby

Bain told me that when he was in London about 28th January Peabody told him he should sell his River Inlet fish at $7.75 per case. This

General Notes

they claimed was the market value and that no indication existed that more would be paid and so therefore they urged him To sell. accepting their advice Bain did so, thereby losing 75 cents per case, that being the difference between present values and what he sold for. Bain is very bitter against Peabody and I think justly so for Rivers Inlet is worth at least within 25¢ per case of what Naas is, and a week before they advised Bain to sell for $7.75 they made me a firm offer of 8.00 and in confirming it said had I come back with $8.75 it would probably have been accepted. This would mean that at that time Rivers Inlet was worth at least $8.00 Peabody ~~subsequently~~ was also advised by me at the same time that the Knights Inlet Can.g Co had sold their ½# flat sockeyes at $8.50 per case in January so when Talking To Bain they were aware that Rivers Inlet was worth more than they told them it could be sold for.

Bain's sale To Peabody

General Notes.

Russell tells me the following are the present selling values:-

	½# flats Fraser & Skeena	8.75	per case, less 2½%
1911	½# ovals "	10.	" " "
Selling	½# flat Humpbacks	4.50	" " "
Values			

He says Bell-Irving sold 450 c/s Fraser ½# ovals at the above price and that E.C.E. bought 2000 c/s ½# flat Humpbacks from Gosse at the above. It was from Russell also I learned Gosse sold his ½# flat Sockeyes at $8.50 per c/s.

1st March Lord told me the ABC Pkg Co were holding their Naas fish for Skeena prices and had refused any lower offers. They have now sold 5000 c/s ½# flat Naas Sockeyes at $8.75, which is what they received for Skeena. They have already made total sales of approximately half their total preparation of ½# flats.

Evans cabled (Alexander concurring) that he could get $8.60 for our Naas ½# flat Sockeyes and advised accepting. Declined offer and gave him firm offer of $8.75 on first 5000 c/s packed. Gave

General Notes

Whitehead firm offer on 2500 c/s to follow these 5000 c/s at same price.

Peabodys offer

Peabody & Co wired a firm offer of 3000 c/s first packed Naas ½ # flats at $8.75 less 2½%, but as goods were already under option cabled back we were not open to sell at present on that account.

10th March

Evans not having been able to place any salmon at $8.75 and having an offer from Cornish at that price for 2500 cases I closed with him as per contract.

Sale Mill Bay ½ # flat

Gave Evans option good until Monday on 5000 c/s to follow the above 2500 c/s at same price. Evans also has the offer of our ½ # ovals at $10. per case.

Alexander told me yesterday he saw Peabody about same time Bain did and they told him Fraser ½ # flats were worth $8.50 and wanted him to sell at that figure. He told them they could sell 1000 c/s at that price. Subsequently they told him they were offered $ 8.45 which was best they could

General Notes

obtain and urged him to accept, giving as one argument the fact that they had disposed of his 1909 late run Sockeyes for him and he ought to reciprocate by accepting this offer. As the difference was only $50 he agreed. At the time they told him $8.50 was the best obtainable Peabody already had my cable that inferior quality had been already sold for this price, and consequently knew Fraser was worth more. Alexander subsequently sold his remaining Fraser 1/2# flat Sockeye at $8.75 per case.

4th March

Mr Kilborn of American Can Co, Niagara Falls, Ont., called re Sanitary cans. He said they expected to sell them at 13.00 per 1000 f.o.b. Vancouver. This is equal to about $1.25 per case as against a cost for hand made cans of about $1.10 per case. Against this apparent saving of 15¢ per case is the difference of freight Vancouver to Naas river on cans as against tin-plate. The capacity of heading machine is 40 to 45 cans per minute.

Sanitary Cans

General Notes

4th April
Offer 1911 Red Springs

Gave Anderson firm offer good until the 8th inst., on 500 c/s ½# flat Red Spring subject to pack, at $7.50 per case labelled, less 5%. Delivery to be taken for first sailing of boat to N. Zealand in August. This price was based on Cohor ½# flats selling last season from $5.75 to $6.75 per case and the average being $6.25. We then took $1.00 per case as being the advance for 1911 pack and red springs as at least 25¢ per case better than cohors.

6th April
Chum sale to B.G. & Co

Gave Balfour Guthrie & Co firm offer on 1000 cases Naas 1# Tall chums at 2.95 per c/s, unlabelled, less 2½% f.o.b. Vancouver, quality passed here.

12th April

Balfour accepted offer of 1000 c/s Tall chums delivery between August and October. In their letter confirming acceptance they say they had two offers since from other packers at lower figures.

General Notes

13th April

Came up from Victoria with Macmillan yesterday afternoon. He told me the Wallace Fisheries Co were building a new cold storage plant at Clayton which would be of 40 ton compressor capacity and would be operated by water power taken from the higher leval. The old machines at present in use would be disposed of and he thought I might get them at the close of next season.

New cold storage at Clayton

At Quatsino they were building a cannery this season and were preparing for a 20,000 ℔s pack. He personally thought this too much but Wallace thought otherwise so they were going ahead. He intended writing his estimate of the results on paper and sealing same. Then he would file it away until after the season and then bring it out when the result of the years operations were known. From the way he spoke I judged this opinion ~~prophecised~~ at least a comparative failure.

Quatsino operations

General Notes

Inatsino cold storage

They are only building the cannery at Inatsino this season but next year will add a cold storage of 30 ton compression capacity. The seat of operations is near the entrance to Inatsino and they have practically all the licenses for seining priviledges on the entire west coast of Vancouver Island with the exception of Clayoquot.

Alberni plans.

At Alberni they are only operating the cannery this season but next years intend installing a 30 Ton Compress cold storage.

Direct expansion & blast Systems Combined

Macmillan says he is personally in favour of installing a plant that will utilize both direct expansion and the blast system simultaneously, especially in the sharp freezers. From the way he spoke I took it this was his own idea and had not as yet been endorsed by Wallace or any of the others. I told him I thought the experience of the Booth Co went to prove direct expansion best for large fish such as salmon and halibut and the

General Notes

blast system for pan fish such as smelt, herring, etc. and I thought he would make a mistake if he put in both.

Macmillan said his new company had acquired the Claxton property by purchasing the shares of the former shareholders instead of buying the old company as a going concern. The cost of all the shares was $270,000. and the new owners received the profits of 1910 operations, which amounted to $78,800, so the total nett cost of the property was only $191,200. He also told me John Wallace did not want to sell to them but when he found they had secured all the other shares he was afraid of being squeezed out so accepted the same figure. Both he and old Mr McBride felt very sore when they learned the dividend and profits for 1910 went to the new company instead of being paid to them

As to Dawson & Buttimer's plants

Purchase of Claxton plant

General Notes

Offer on Dawson & Buttimer plants

Macmillan said they had been ready to pay them as much as $100,000 each for their Carlisle and Kildala plants but the owners would only sell provided all their holdings were purchased, and the figure wanted was $500,000. As the other plants were the Manitou Cannery at Kimsquit and the Harlock Island on the Fraser, neither of which are desireable plants to secure, the offer was not entertained.

Macmillan said the reason for building the new whaling station at Naden Harbour instead of in Skidegate was because they could not hold the entire west coast of the Queen Charlottes without doing so. He said that so far the whaling promises to be very profitable this year and that if reciprocity goes through it will help them immensely. At present they put their oil in barrels which are made in Ontario of oak which is the only wood which will hold the oil. Of these

General Notes

barrels the shipments average a carload a day arriving at Vancouver. This adds considerably to the cost of oil, and under reciprocity would be entirely saved. At the present time also their glue stocks - which are very considerable - are all lost as the cost of treatment here and the freight and duty to the U.S. more than offset the profit when selling at U.S. ~~cost~~ of production.

Under their present plans they are erecting at Grays Harbour an immense plant to be used for whaling operations out of that port (for which two whaling steamers are now building at Portland) and for handling the product of their B.C. stations. If reciprocity goes through as they will ship their glue stocks (which are on the free list) into Grays Harbour in the raw state and work it up there. The quantity they can produce, and its cheap cost of production will, he claims, give them

General Notes

absolute control of the U.S. market, and will put most of the present manufacturers, including all the big meat packers, entirely out of this line of business.
Their whale oil also will enter the U.S. free of duty and with this Grays Harbour plant their methods of handling the oil will be completely revolutionized.

Grays Harbour plant or proposed operations

Instead of barreling it the oil when refined will be put into tank steamers and conveyed direct to the Grays Harbor plant where it will be pumped straight from the steamer into tank cars lying on the Northern Pacific track at the works, and by these cars taken to places of consumption thus eliminating the use of and expense of barrels, etc. entirely. Macmillan Says their connection with this Grays Harbour plant is being kept absolutely secret as otherwise objection might be taken to it as a British institution. It is being handled in the name of an

General Notes

American agent who is appearing as the nominal owner. The estimated cost of plant is $500,000. A spur track two miles long connects them with the Northern Pacific. For this old rails, etc. will be used and the cost of ~~the~~ construction outside of material is estimated at $12,000. The whaling company supplies is $12,000, which is to be rebated them on freights until the entire sum has been paid back to them.

ld whaling shares and ew whaling shares

In acquiring the original whaling company from its Victoria owners the control was first secured and then a meeting of shareholders was held in Victoria at which meeting it was decided to sell out to the proposed new company at a price equivalent to 75 00 for each share of $50 par value. The payment was made in shares of the new company at the rate of five new company's shares for one old company's. The new company's shares are of $5. par value and at present are worth $4.50 on the London Exchange.

alue of ares

General Notes

Macmillan and Cassiar

Macmillan also told me he had bought Oscar Brown's interest in the Cassiar Pkg. Co. He did not say what the price was but I estimate it at $10,000 cash. This gives M. a 2/5 interest and he with Moore, Peck, and Wallace, holding 1/5 each, comprise the present company. He says he wants to buy Peck and Wallace out and he and Moore retain the stock each holding a 50% interest.
He also said he had paid $9,000 for the Scott & Morrow interests which a few months later received a $5,000 dividend so he figures he bought it for practically $4,000.

15th April

Evans on market outlook

Evans told me To-day the BC Packers sold 9000 cs humps in Canada at $3.75 labelled while Barker was in California. E. thinks the opening prices for humps will be 3.50 and for Cohos $5.75 or possibly 5.50, both labelled.

General Notes

1st May

Port Nelson Spring pack

Lord told Donnelly yesterday he was fishing 3 or boats between the two canneries and up to date had packed a little over 300 cases. (equal to about 15 tierces).

A B C Pkg Co Naas preparation

He is preparing for 20,000 c/s at Port Nelson of which 9,000 c/s are ½# flats and part of the balance are 1# flats. at Arrandale he is preparing for 14,000 c/s.

30th June

Peter Wallace was here to-day and said the following were the seining licenses already issued for this district:-

Seining licenses in Naas district

Quinamass by Summerville Island
Khutzeymateen
Hastings Arm, Observatory Inlet
Alice " " "

The above are held by the Port Nelson & Arrandale canneries

Also

2 unnamed bays North West point Pierce Island
Salmon River Portland Canal

General Notes

Peter Wallace said that on the Sacramento river the pickled fish pack was practically a complete failure while the Columbia, Puget Sound, and Victoria were also very greatly below the normal. As a consequence buyers were very anxious to secure B.C. fish and he thought 11½ cents could easily be obtained for Naas quality packed as we pack them, or 12 cents if graded according to weights. In accordance with his advise I offered the car shipped to-day to ~~Otto~~ Herman Finkelstein, Inc., whose representative is at Vancouver at present. The offer was 11½ cents per lb. f.o.b. Vancouver payable cash at Vancouver against delivery order. Mr Wallace examined our fish both in first and second packing and said they were very good and that no fault could be found in our packing.

Mild pickled salmon situation

Ste has put up 13 cars so far at Claxton which is slightly ahead of last year. The take on the Skeena has not been as large as last season but Massett was better and more than made up the difference.

General Notes

Price 1911 Humpbacks

Evans Coleman & Evans under date of 24th June write us that Humpbacks are now being offered by some packers at $3.50 per case, but they (E.C.&E.) like the B.C. Packers are not yet offering as they expect to do better by waiting

6th July

Henry Bell-Irving was here to-day and said they sold all their mild pickled fish by contract sometime since at 10¾¢ per lb. They grade all their fish according to weights when packing.

ABC pickled fish selling price

Cost of White Spring & Dog

On the Skeena they are taking white springs at the canneries and are canning them. They expect to sell them for the same price as Dog Salmon. They pay the fishermen 5¢ each for White Spring and 3¢ for Dogs on the Skeena.

ABC Naas operations

Their pack at Port Nelson and Arrandale up to last night was 3200 c/s of which 1800 c/s were red Spring and 1300 c/s Sockeye. They have, Lord Say, 52 boats fishing at Port Nelson and 40 at Arrandale.

General Notes.

7th July

Naas Harbour notes

Chambers was over from Naas Harbour to-day and said his total pack to last night was 2200 ℔s consisting of 1300 ℔s sockeye 800 ℔s red Spring and balance pink spring and dogs ~~His~~ pack yesterday (6th inst.) was 150 ℔s all told and he has 1200 Sockeyes on the floor this morning. He has 56 boats fishing.

14th July

Naas fishing licenses

Licenses issued to date are as follows:-

Cannery		Indians	Japs	Whites	Total
Naas Harbour		24	32	4	60
Port Nelson		19			109
Arrandale		19			
Mill Bay		19	30	—	
Total		81			

17th July

Naas Harbour pack

Chambers was here this afternoon and says his pack to date is 4270 ℔s of which 2800 ℔s are sockeye, 500 Dog salmon and balance springs and humpbacks. His pack on Saturday was 835 ℔s all told of which 500 cases were sockeye, 200 dog and 50 humpbacks. They did not finish filling until midnight and the last cooler went through the Eye tank at 5 A.M. Sunday.

General Notes

20th July — Chambers was here to-day and said his sockeye pack to last night was 33/3400 cases, and his total a little over 5,000 c/s. He expects to finish out the week with 6000 c/s up.

Naas Harbour pack — The Collisons were here to-day and told me they were at Port Nelson this morning and Mr Lord informed them he had up 5000 c/s of a total at the Port Nelson cannery.

25th July — The Steelhead boat from Claxton was here to-day and said fish were coming very well on the Skeena. The pack at Claxton to the night of Saturday last (22nd) was 15 carloads mild pickled Springs 3000 c/s Springs and 10,000 c/s ½ # flat Sockeyes. They received 5300 springs from North Island weighing 40 lbs on the average, and stopped just as the fish were most plentiful as the Oceanic cannery and Claxton thought the Masset Indians who were doing the fishing were needed on the river. A few days after they stopped fishing the "New England" took over 500 springs on their halibut gear.

Claxton notes

General Notes

Naas Harbour pack

The Naas Harbour pack to Saturday night is reported to be 6,300 cases of which 1,500 ½ were tall tins and 4,800 ½'s & flats.

31st July

Port Nelson packed 673 cases of fish on Saturday, 29th inst., of which 470 cases were sockeye.

Naas packs to date

Naas Harbour pack to date is just a shade under 8,000 cases of which 4970 cases are sockeye and 960 cases Dog, balance Springs and humpbacks.

1st August

Clayton steelhead boat arrived from the Skeena this morning and reported sockeyes and humpbacks were running well on that river. Clayton cannery put up 5600 c/s last week making total to date about 18,600 c/s. They are limiting the take of humpbacks to 100 from each boat. Steelheads also are running exceedingly well and the fish are larger and finer than usual. The sockeye run to the creeks is about over, but the take by seines was very good. Indian crew did most of the work, one man with his

Clayton notes

General Notes

wife and family operating one seine put in 18,000 sockeyes. Cohoes also are running on the Skeena and the seiners want to try the creeks also but Wallace is holding them back for a while as he does not think the fish will be there yet.

Clayton has shipped all their pack of mild picked fish which Kilby said amounts to 900 tierces but in this I think he is mistaken and that about 500 tierces is nearer correct. He also said they had shipped out all their frozen herring, which was 100 tons.

Alberni notes

At Alberni they also have done very well the sockeye pack there to date being over 5000 c/s. He says Wallace is very pleased over this purchase and estimates this season's profits will return them the full cost of the cannery which he understood was purchased for $15,000.

7th August

Son was over here to-day from Naas Harbour and said that the total number

Naas Harbour pack

of tins there this year were 6,300 c/s talls, 7400 c/s ½s flats and 3000 c/s 1s flats. Total 16,700 c/s

reparation

Of these the 1s flats were carried over from 1910

General Notes

Their pack up to the time their boiler went out of commission on Thursday was as follows:-

Haas Harbour pack	½ ℔ flat Sockeyes	5800 c/s leaving 1100 c/s tins on hand	
	½ ℔ " Red Spring	500 " "	
	1 ℔ tall (all kinds)	2950 " "	3450 " " "
	Total	9,200 "	3000 " 1℔ flats " "

Capt LaBlonde gave me the following pack figures to-day:-

Wadhams Cannery	R. I. to 31st July inc.	16,000 c/s	
R.I.C.	" "	12,000 "	
Good Hope	" "	10,100 "	
Kildala	" "	10,200 "	
B.C. Coast packs	Brunswick "	"	13,600 "
	Beaver	"	10,500 "
	Namu	"	5,060 "
	Draney, Kimsquit	"	2,000 "
	Lowe Inlet	to 1st Aug. inc.	7,040 "
	Claxton	" 3rd " "	20.300 "
	Carlisle	"	10,500 "
	Balmoral		16,000 "
	Oceanic		13,000 "
	Cassiar		11,500 "
	Inverness		12,000 "
	North Pacific		11,000 "

General Notes

He also said Arrandale's pack to date was 11,000 c/s. Fishing was practically over on Rivers Inlet and on the Skeena Sockeyes were scarce but humpbacks very plentiful.

3th August

Cassiar

pack

#flat Humps

lling value

Moore wrote me under date of 5th August that his pack to Saturday night was 13,000 c/s of which 9,000 c/s were sockeyes. He also said the ABC were putting up 2500 c/s ½# flat humpbacks which were worth 4.50 to 4.75 per case

Left for Wales Island Sunday night returning last night with 591 2/3 c/s of 1# tall cans. Desbrisay told me their pack to date was 1700 c/s consisting of 200 c/s ½# flat sockeyes and 1500 c/s 1# tall humpbacks. His pack preparation consisted of 4000 c/s ½# flat tins, 14,000 c/s 1# tall tins made at cannery and 1,000 c/s 1# tall sanitary tins, total 19,000 cases. They have done very little as yet but hopes to increase his pack very materially within the next

General Notes

few weeks, particularly when they commence fishing Work Channel.
Desbrisay told me they had practically to replace every pile under the main building and most of those put in were 5 ft centers in each row. He also had to brace the superstructure — particularly the roof — in every direction. They paid the Indians 3co per day and they worked so unsatisfactorily the cost was very great.

Wales Island notes

The plant is very well equipped. There are 2 power gang Knives one for talls and one for ½# flats, 2 LoB washers — both right handed — 1 Kellington weigher 2 LoB Cappers, 1 crimper 1 LoB finger Solder machine, 2 iron Steam boxes and 2 Retorts. They also have a lathe which cost them $100. and a Dynamo for 120 light which cost $125. They have 30 Chinamen, whom Jim Kelly the foreman says are A1 men and when I was there had 19 fillers (Indians) at work.

They also have a Jensen filling machine built by Box, which is set to run 50 tins per minute, or 500 cs per day, which

General Notes

Desbrisay told me is what the Alaska Pkrs Ass'n superintendents told him they found the most satisfactory speed to operate at. This filler they operated for the first time yesterday. It certainly did nicer filling than the hand workers did and there were less light weight cans. They expect to get their sanitary can capper set up and working in a few days. They also have a lacquering machine on the way up and expect to lacquer all their cans with it.

Cold Storage plant

Their cold storage is of the direct expansion type the compressor being an 8 H.P. Armstrong machine. They have 2 good sized store rooms and 2 sharp freezers, although one of the latter is not fully piped as they expect to use it for storing ice. There is also a small corredor at the front end, and ice making tanks which are in the cannery building just outside of the cold storage wall. The down stair rooms - including the sharp freezers are 12 feet high and the space above is built so that rooms can be added there

General Notes

when desired.

all the seines are being worked by whites or Indians, but only the former are doing any good. The Indians do not work by contract but by day labour and so do not take any interest in the work. On Saturday they lost a scow load of 9000 humpbacks through leaving the fish exposed under the broiling sun all day. The White men always cover the fish with spruce branches to keep them fresh and cool.

Quality of Humpbacks and runs.

The humpbacks they received were much better looking fish than those we were securing on the Naas. They seem fatter more uniform in size, the males have much less pronounced humps and the colour of the flesh is a much better red than with us. The skin also of the salt water caught fish was much better looking than with the Naas fish. Drabrisay says the humpbacks seem to favour the American side. Pilmore Inlet and Hidden Inlet seem to have an almost inexhaustible supply and even up Portland Canal on the

General Notes

American side the streams are patronized much more than on the BC side. At Dogfish Bay they have already taken 8000 fish which were canned at Wales Island.

All the seines used by them are about 125 fms long

Wales Island cold Storage construction

In putting in the floor of their cold storage they placed 5 inch battens over the cracks on the regular cannery floor. Between these battens they laid asphalt to fill in the space. On this they nailed a regular floor, then a layer of paper, and another floor. Their walls have a six inch air space between the studs with a layer of paper. and two layers of flooring on each side of studs. Their sharp freezers have one extra layer of paper and of flooring on the inside.

8th Aug

When Kilby was here to-day I asked him about the Clayton cold storage floor construction. He said they had first made a Tight floor, such as Wales Island, and then had a 12 inch space

General Notes

filled with charcoal. Above this was a floor, then a 2 inch air space then floor paper and floor.

McAllister put the temperature of his sharp freezers down to 20° below zero and found he could get them no lower. He then wrote to Ice & Refrigerator magazine informing them what he had done and they replied that 20° below zero indicated practically perfect insulation.

Claxton cold Storage Construction & Operation

When sharp freezing McAllister puts his freezers down to zero. He finds that while freezing the temperature rises to 5° above when set at zero and with the room full of fish. In his storage rooms he holds the temperature at 10° to 12° above zero.

Kilby said that last week the cannery packed an average of 950 cases of all kinds each day. This would be 5700 c/s for the week.

Japanese fishermen have already commenced to leave, over 40 going by Cameron last Sunday. The nets on the Skeena have been very inferior in quality this season and many of them

Bad nets on Skeena

General Notes

have already given out, which is one reason why the Japs are leaving.

Adamson was here to-day and said the donkey boiler at Naas Harbour is now working fine — in fact doing better than the old one did. Yesterday they packed 412 cases of all kinds.

Naas Harbour notes

He said the Japs are all kicking because there are no deep nets available for outside fishing. A couple of weeks ago, thinking the best fishing would be in the river, most of the Japs cut their nets down to 30 meshes and now that the best fishing is outside they cannot get much fish on account of the shallowness of their nets.

10th Aug

Watson was at Port Nelson to-day and Lord told him their pack to date was about 14,000 c/s of which about 9,000 c/s were Sockeye ½lb flats and 300 c/s humpback ½ * flats. They expect to finish ½ flats this week and will then go on to 1lb flats of which they have 3,000 c/s of tins. They have 3500 c/s Tall tins also on hand which they

General Notes

likewise expect to fill, although Lord says he has no idea where he is going to find room for everything, as he is crowded already.

Arrandale was only prepared for 3500 c/s ½ lb. flats and these they filled already. The balance of their preparations were tall tins but Lord did not say how much their pack is to date, nor what empty tins they have still on hand.

Arrandale notes

Bell-Irving sent them Burdis' figures for the estimated pack to 4th August. It was as follows:-

Packs to 4th Aug.

Skeena River	95,000	c/s
Naas "	20,000	"
Rivers Inlet	83,000	"
Outside B.C. points	20,000	"
Fraser River Victoria	16,000	"
Puget Sound	50,000	"

He also reported that advices from Bristol Bay are to the effect that the pack this season will be 200,000 short of 1910 and 300,000 c/s short of 1909.

Bristol Bay pack

General Notes

11th Aug

Arrandale pack

Johnson was informed at Arrandale to-day that their pack to date is 8000 c/s all Falls. They said Port Nelson received most of their fish when they were can making or their pack would have been greater.

Kilby – the Clayton steelhead collector – tells me he shipped 500 steelheads by the Scotia yesterday, while to-day he has so far obtained 70 from Arrandale, 45 from Port Nelson & 48 from Mill Bay. He had Naas Harbour fish to collect when he left here.

Ventura was in to-day and Kealing gave me the packs to date as follows;-

Smiths Inlet 18,000 c/s

Coast Packs

Wadhams Rivers Inlet		20,000 "
Strathcona	"	10,000 "
Good Hope	"	10,500 "
R.J.C.	"	13,000 "
Kildala	"	10,000 "
Brunswick	"	14,000 "
Beaver	"	12,000
		99,500

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	Namu	5,000 c/s
	Bella Coola	6,000 "
	Manitou, Kimsquit	3,000 "
	Draney "	2,500 "
	Lowe Inlet	9,000 "
Coast	Clayton, Skeena River	24,000 "
packs	Carlisle "	13,000 "
to	Balmoral "	24,000 "
date	Inverness "	16,000 "
	Dominion "	14,000 "
	North Pacific "	16,000 "
	Wales Island	4,000 "
	Mill Bay, Naas River	14,000 "
	Port Nelson "	13,000 "
	Naas Harbour "	11,000 "
	Arrandale "	9,000 "

17th Aug Kilby was here for steelheads to-day and took 137 Steelheads. He said he received 123 from Port Nelson, 118 from Arrandale, and expected 100 from Naas Harbour. If he gets the latter it will mean over 1000 of a total for the week. They pay the Hamilton $15.00 a day and the Scotia $17.00 and furnish both of them with gasoline

General Notes

Kilby says Clayton received 5000 spring salmon from North Island this year and could just as easily have had 15000 if they went the right way about it. They fished Indians only who used dug out canoes and they stopped on the 20th June just when the fish were commencing to come most plentiful. In Alaska the trolling was all done by white men in boats, about the size of a small whale boat, equipped with a 1½ or 2 HP engine, and they fished four trawl lines at once by means of an outrigger on the stern and a jingle that let them know when a line had caught a fish.
The fishing line used is about 8 fms long and is weighted with a heavy lead sinker about 5 or 6 inches long. They use herring as bait and as the fish swim deep they sink their bait to about 20 feet. For ganging they have tried almost everything but found nothing would last long but recently learned good results were obtained by using wire whaling line which they unstranded and then laid up again in 3 ply in just

General Notes

the length required.
Kilby says North Island is the greatest fishing point he has ever seen. Herring are so plentiful the fishermen impale them on rakes to catch them for use as bait. Sea bass also are there by the thousands and lots are caught on the salmon trawls.
Kilby also says he has taken sockeye there on the spoon hook along with spring salmon. He says the Indians off Banks Island have taken sockeye which when opened had food in their stomachs - small lance - and he showed Mr Wallace them.

19th Aug. Kilby said he sent the Hanicas down to Clayton last Monday with 915 Steelhead and the Scotia on Wednesday with 750. He had now on the Hanicas over 700 for Thursday and yesterday and expected by the time it started for Clayton to night there would be 1000. This with the 500 sent by the Scotia about the 10th makes over 3000 steelheads collected for the past two weeks.

General Notes

21st Aug

Yesterday we went to a picnic at Iceberg Bay. The sand beach extends from the west side of the head easterly to the creek, a distance of approximately half a mile. The width to low water mark is probably 300 yards.

Creek at Iceberg Bay

In the creek were quite a few humpbacks that were already spawning. They probably could have been seined in goodly numbers about two weeks ago. On the shore is a large smoke house which Ned says the Indians use for smoking Cohoes from about 15th Sept to 15th December. He thinks the stream carries a large number of Cohoes.

Naas Harbour pack

Chambers was here to-day and said his pack to date is 13,500 cases of which 8550 ℔s are sockeye, consisting of 7000 ℔s ½ flats 1500 ℔s 1lb flats and 50 ℔s talls. He has 3000 empty cases yet to fill and expects to get these before the season closes. His Indians - one of them at least, Frank Kadax - told him they wanted 15 cents but he told them he would only pay whatever the other canneries paid

General Notes

22nd Aug. Kilby when here to-day said Claxton's pack to the night of Saturday 19th inst., was 32,500 c/s all told, consisting of 16,000 c/s Skeena sockeye, 3500 c/s Creek sockeyes, 2500 c/s spring salmon and the balance cohoes and humpbacks. They are still fishing cohoes with large mesh nets but most of the canneries are about closing down ~~with~~ as the fishermen have nearly all left and the nets are almost all worn out.

Claxton pack.

The total number sent down on the Stamico on Saturday was 994. Up to the present he has sent down 4500 steelheads this season as against a total of over 6000 for 1910 (See also notes on p. 29). He expects to get over 2000 this week and thinks they can get about 10,000 for the season if they keep their boats on the run for another two weeks.

Steelhead notes

Was up at the dam this evening and found the water was 3' 4" above the top of box over intake pipe. This is as against 3' 6½" on 21st August last season.

General Notes

4th Aug
Peck sells Cassiar stock

Cy Peck was here on the Venture to-day and said he sold out of the Cassiar cannery to Jack McMillan two weeks ago. He was paid $15000 for his interest.

Australian opening prices

Evans under date 18th inst., writes that BCPkrs and aBCPkg Co have named the following prices for Australasia:-

Rivers Inlet Sockeyes 1/2# flats $9.50 per C/s, latelled
" " " 1# " 7.85 " " "
Cohoes 1# talls 6.00 " " "

They also report having sold 750 C/s 1/2 flat Red Springs in Montreal for a/c St Mungo Can^g Co. Price was $7.50 per C/s.

6th Aug
Advance in Cohoe prices

Lord was here to-day and said Chambers had advanced the price of cohoes to 75¢ to be effective from Sunday night. After talking the matter over it was agreed I would say nothing to my fishermen until Lord had sent Bell - Ewing a message and had his reply. I sent Chambers a note asking him to withhold the new price from his men until Lord returned, but he replied he had already informed his fishermen. He said the new price was 1.2/12¢ not 15¢.

General Notes

Williams was here to-day and gave me the following as the approximate packs to the 21st inst.:-

Skeena River

	Balmoral	30,000 cs & still operating
	Cunningham	14,500 " closed - full pack
	Dominion	15,500 "
	Alexandra	7,000 " " " "
	British America	20,000 " " " "
Coast	North Pacific	17,500 "
packs	Skeena Commercial	11,700 " " nearly " "
	Carlisle	20,000 " "
	Cassiar	20,000 "
	Inverness	18,000 "
	Claxton	32,000 "
	Oceanic	20,000 " closed
	Total	226,200

Rivers Inlet

	Wadhams	19,000 " "
	Brunswick	14,500 " "
	Strathcona	11,000 " "
	Good Hope	10,500 " "
	R.I.C.	12,900 " "
	Kildala	11,000 " still operating
	Beaver	13,500 " " "
	Total	92,400

General Notes

Smiths Inlet	17,000 c/s Sockeye	full pack
Lowe Inlet	10,000 "	operating - making Cans
Kimsquit	2000 "	each Cannery
Namu	?	" operating - making Cans
Bella Coola	?	"
Wales Island	10,000 "	"
Hidden Inlet, U.S.	11,000 "	"
Naas Harbour (to 25th)	14,100 "	"
Port Nelson & Arrandale "	28,700 "	"
Mill Bay "	17,500 "	"

When here to-day Lord said he had prepared for 35,800 c/s in the two plants and had 17,600 c/s packed at Port Nelson and 2000 c/s yet to fill = 19,600 c/s total preparation. At Arrandale he has 4,000 c/s yet to fill which means he has 12,700 " packed. He said that last week he went down to Khutzeymateen Inlet and tried the seine but did not catch a fish. Two days later he went to Hastings and Alice Arm with the same result. Last Tuesday, the 22nd he returned to Khutzeymateen and seeing fish jumping put out the seine. He took about 4000 humpbacks

BC
Naas
Packs

General Notes

and Dog Salmon and 40 cohoes. On Friday he returned and secured about the same quantity and would have done still better had not the seine broke from the quantity of fish it contained. He said there was a noticeable increase in the number of cohoes taken.

Lord's seine fishing

Size & Condition of fish

Lord said the humpbacks were in splendid condition while the dog salmon were the largest and best conditioned he had ever seen. They were very numerous and some were so large they went less than 4½ to the case

30th Aug

Kilby was here to-day on his last trip for the season. He said he had 1100 on the Scotia now and expected to get 1500 all told by the time he left. He received 470 from Port Nelson and Arrandale yesterday and expected as much again to-day. The total number received from Naas Harbour this season was 1746 and from Mill Bay ~~1320~~ 1420 but both Arrandale and Port Nelson have done better. Last season's total was about 7385 and this year will just about equal it and he is quitting when Steelheads are thicker than ever before this Sea

Naas Steelhead notes

General Notes

31st Aug — Peter Wallace wrote under date 29th inst., that the canners on the Skeena are paying 12½¢ for Cohoes caught in Sockeye nets and 15¢ caught in 7" mesh. These prices have been prevailing for cohoes for 2 or 3 years past.

ohoe price n Skeena

4th Sept. — Evans under date 26th ulto., writes that the following opening prices were made by the BCPKrs, ABCPkg. & Todd

Sockeye	Skeena	talls	7.75	per c/s labelled, less 5%
"	"	flats	8.	" "
"	Rivers Inlet	talls	7.50	" "
Red Spring	"	flats	7.75	" "
		talls	6.50	" "
Cohoes		talls	6.	" "
		flats	6.25	" "
		½ "	7.50	" "
Pinks		talls	4.	" "
		½ flats	5.50	" "

Canadian opening prices

They also report the St Mungo circularized the trade around Winnipeg offering cohoes and humps at 50¢ below above figures and Dog Salmon at $3.25

t Mungo prices

Peabody (Van. office) wrote on 28th ulto. saying they had buyers for Naas ½ flat Sockeye at 10.00 per c/s and asking if we had any to offer

flat Sockeye prices

General Notes

9th Sept

Cassias pack sales

Moore writes under date 7th inst that his cannery has closed down with a pack of 76,000 c/s. He sold 5000 c/s 1/2# flats at 10.50 per c/s less 2 1/2%.

11th Sept

First Gasoline boat through Naas Canyon

Peter Adam went through the Naas Canyon with his gasoline boat on Saturd morning last – the first man ever to tak a power boat of any description through the canyon. Excluding stops he made the trip from Mill Bay to Aiyansh in 14 hours. His boat draw 2 feet of water. The river at present is extremel low owing to the dry summer.

13th Sept

ABC Naas pack

The Port Nelson net man was here to-day and said the Port Nelson pack, bathroom tally, was 17,532 cases of all kinds, and that Arrandale had up 14,000 cases.

General Notes

8th Nov^r

Kilborn of the American Can Co was here on Saturday the 18th inst., and showed me the contract made with Burckhardt for supplying can making sanitary machines for Alaska. The contract was as follows;-

Sanitary Can Machinery

1 Can Body and flanging machine for making bodies $1500 down and $200 per year for 5 years. The capacity of this machine is 175 bodies per minute.

5 Closing machines @ $300 each for 5 years. Capacity of these machines is 75000 cans in 10 hours for each machine when making cans and 15000 in 10 hours for heading full cans.

For made cans supplied the charge for 1lb. talls was $15.30 per M on a cost basis for tin plate of $4.20 per box.

Where cans are made at cannery the Am. Can Co supply tops and bottoms at $3.00 per M each i.e., $6. per M for both, and if these are required lacquered the cost would be 70¢ per M cans extra.

These prices are also based on $4.20 tinplate and would advance or decrease for every 10¢ differential from this base.

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Kilborn also told me that when Chas. Windsor floated the Scottish Canadian Cannery Company in England the investors there put up 75% of the capital and Windsor received the balance. Joshua Windsor was interested in the deal and was made Managing Director of the new company it being understood however his duties were more to control the financial end, leaving Charlie to do the practical work. In accordance with this plan Joshua Windsor came out last July intending to only remain a month but has been here ever since. Shortly after his arrival the Windsors secured the lease of the Lighthouse Cannery and Charlie's son George was the nominal manager. Later on Charlie and Joshua had a disagreement and the former went up to the Lighthouse to reside. Meanwhile Joshua Windsor sold both packs - mostly at very low prices.

Windsor v Scottish Canadian Cannery

The English shareholders expected

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the selling to be done by a man named Sherman and between Windsor's selling of the pack and other matters that cropped up they became suspicious of Joshua Windsor and cancelled his appointment, making Sherman General Manager instead, and sending him out to B.C. to enter into possession. Joshua Windsor refused to vacate office and Sherman brought action to oust him and asked for books so he could audit them. The court gave him possession of books for the audit ~~but~~ and postponed action as to the other until after audit is completed.

4th Dec. The court heard the Windsor-Scottish Canadian case and decided in Windsor's favour. A man named Percival who is associated with the Windsors testified that while it was true the English people held a majority of the stock he personally had supplied practically all the money for operating both the Scottish

General Notes

and the Lighthouse plants. It is understood Sherman is appealing from this decision. He has already engaged Bob Currie as manager of the Scottish in the place of Windsor, but under the Court's decision the latter is still in possession.

Windsor's purchase of Lighthouse Cannery

While in Victoria on the 2nd inst., Deaville told me Windsor had that day completed the purchase of the Lighthouse Cannery. Percival having put up the money. The purchase price was $50000 which I understood was payable $10,000 down, ~~$10,000~~ $20,000 in 12 months and remaining $20,000. in 18 months.

Going down to Victoria on the 29th November I met Deaville on the boat. He told me that Grahame Chambers being let out by Fleming had applied to Barker for a position and Barker told him there were rumors that the C.C.Co. were not financially flush at present and if Chambers would use

General Notes

his influence with the Federation Co to secure Naas Harbour Cannery for the B.C. Packers they would make him manager of the plant. Later Barker met Deaville and told him he would like to secure Naas Harbour in case Fleming did not take up his option before it expired, and if Deaville used his influence to effect this result they would pay $40000 cash down for the plant and would give Deaville $5000.00 on the side for his work in securing it for them. (I understood from Deaville that Fleming's option was at $40,000 payable $10,000 on 2nd Jany 1912, $15,000 twelve months later and $15000 in Eighteen months. Son told me however that he understood from Fleming the purchase price under their option was only $35,000.)

negotiations re Naas Harbour

I told Deaville that if they sold to the Packers at Barker's price they would be selling too cheap. Mr Fleming was a friends of mine and I did not want to do anything that would interfere

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with his plans but if he abandoned his option I would like the chance of securing the property. Inmisas receiver would represent the sellers and if he, Deaville, would act as my agent I would give them $50,000 for the plant and would pay him a 10% commission on same. In addition I would take over the materials, etc. on hand. On the 2nd Dec. I put these propositions in writing — see copies of letters — and Deaville informed me that the moment Flemings option expired mine would become effective ahead of any body else.

On 8th December I wrote Fleming to his London address and cabled him on the 12th (see copies in Private Letter book) offering him $1000. bonus on his option provided he would turn it over to me in the event of his people deciding not to take it up themselves. I also agreed to take over all contracts, etc., he had entered into for the season

General Notes

1912
9 Jany.

In Victoria yesterday and asked Deaville if Fleming had made good on his option on the Naas Harbour Cannery. He said they had just had a telegram from the bank that $10,000. had been paid into the Vancouver branch to cover the installment of purchase money due so that as far as the Federation Co were concerned they were out of it.

Fleming buys Naas Harbour.

10th Jany

Before leaving Vancouver yesterday I wrote Fleming a letter (see Letter Book) stating I had not heard from him in reply to my letter of 8th Inst. and that if he had not received same he could get copy from Moore. I told him that if he was open to sell Naas Harbour I would like him to give me a chance to purchase it and that if he would telegraph me to my eastern address after his return to Vancouver we could do all necessary negotiations by wire.

Letter to Fleming re Naas Harbour

General Notes

Went over the Chlopeck Fish Co's plant to-day with Chutter. They have 3 machine 1-75 ton Triumph, 1-75 ton Vilter and 1-50 ton Oakland - all of the direct expansion system. Their ice tank capacity is 80 to and they produce 40 tons of ice daily. Their storage capacity in fish is four million pounds. From his experience Chutter thinks the Triumph is the best machine they have.

Chlopeck Fish Co's plant.

The walls of their cold storage are 7 thickness ship lap and 2 thicknesses paper on each side of a 12 inch space. This space is filled with planer shavings which are well tamped down as they are put in. No air spaces at all are left in the walls. Chutter claims they could hold the room at a proper temperature for one week after all refrigeration was shut off. The hottest summer day with refrigeration shut off entirely the rise in temperature in their storage rooms would not be 2°.

Construction of walls

In regard to freezing Salmon Chutter says all red meated oily fish do not freeze well except for immediate

General Notes

consumption. Red Springs and Sockeye the oil works out of and discolours the bellies about four months after freezing. This does not happen with white spring or any other white meated fish no matter how rich in oil they be. Cohoe, Dog salmon humpbacks and Steelhead all freeze and keep well.

Trimming halibut.

after halibut are frozen American freezers cut off all side fins with a sharp knife. Chutter tried to save this expense but found the trade demanded it.

Wallace White Springs Frozen

Chutter bought all the Wallace Fisheries Ltds. white Springs last season frozen. Cost was 3¼d per lb. f.o.b. Vancouver for fish headed and gutted but with backbone left in. This is equal to 4¼d laid down at Seattle. In future Chutter wishes backbone removed before freezing.

Last season's pack of frozen steelhead Chutter sold to Weisse at 10½d per lb. They are worth at least 11d per lb. to-day and the demand exceeds the supply

General Notes

Mild pickling operations

In his mild pickling operations Chutter leaves his fish in first pickling from 12 to 14 days before repacking. He puts 800 lbs fish in each tierce and adds 25 lbs to weight of each tierce, although he claims the increase is at least 40 lbs to the tierce

22nd Feby

Dobwall & Co offers & purchases

Horne of Dobwall & Co telephoned to-day saying red Springs in ½# flats for the Australian market are worth 9.20 per case less 2½%, ½ flat Sockeyes he had bought at from $10.50 & 10.60 less 2½% commission and ½% extra allowance for accepting salmon f.o.b. Vancouver with no after reclamations of any nature. He had also bought 3000 c/s Dog Salmon at $3.50 per case less 2½% & ½% – no further reclamations

2nd Mch

Sale Dog Salmon

Sold Anderson & Miskin to-day 1000 c/s 1 lb. tall chums at $3.50 per c/s less 2½ labelled f.o.b. Vancouver. A. & M. are to supply labels free of cost but we are to make no charge for putting them on can

General Notes

29th Apr. Port Nelson pack.

ABC Pkg Co pack of red Spring at Port Nelson is 1300/s to Saturday night. This is the take from boats of both canneries.

5th May Water at dam

Water at dam to date has been as follows:-

14th April.	5' 6"	above intake bot
21 " "	5' 9"	" " "
28 " "	6'	" " "
1st " May	6' 10"	" " "

16th May Port Nelson pack

Binns was here from Naas Harbour to-day and said he was informed at Port Nelson on Sunday that their pack to the 11th inst., inclusive was 400/s red Springs.

20th May 1915 prices

Evans C. & E. under date of 11th inst. write Lumpback falls in Canada have opened at $4.

Buying of Sockeye halves has recommenced at 10.50 for Rivers Inlet & $10.75 for Fraser and Skeena. They have offer of Kinsquit 1/s flats at $10.65 and Fraser 1/s ovals at $12. but so far have been unable to sell same.

General Notes

20th May

Water at dam

Water at dam to-day was 6' 6" above intake box. This is a falling off of 4" since last Sunday. Fine weather prevailed all the time with the exception of one nights rain.

22-25 May

Size of Van. Fold Co plant.

Bath, the boiler inspector when here to-day said the Vancouver F & C. Co capacity was 200 tons compression when he worked there two years ago and must be about twice that to-day. They have made a great deal of money every year, but the New England Fish Co building their own cold storage plant affected them. The N.E.Co. in the past employed half their power and the loss of that business was very much felt.

Fish Storage temperatures

When they first started storing pickled fish they kept temperature of room 40° to 45°; then it dropped to 35°; and later to 28°. They could go even lower than this and probably would benefit the fish by doing so as the brine will not freeze at anything like 20° so there is a big margin to go and come on.

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In frozen fish their experience was the same: first temperature of storage room was 22°; then 18°; and now 14° if possible.

Time of freezing.

In freezing zero was generally used but if 10° below was procurable so much the better. They figured 48 hours time in freezing big halibut but he thought our plant here should do them in 24 hours.

Size glazing tank

In the glazing tank he advocated a bath on wheels about 4' x 6' x 18". He advised two of these as water would freeze and one could be outside thawing while the other was in use. At the Vancouver they had trouble with their glazing tank and had to keep putting hot water in the bath to keep down ice formation.

In glazing fish both there and at Pacofi they dipped each individual fish by hand but he thought my idea of a tackle system much better as their way was too cold work for the men as they had to dip their hands in the freezing water.

At Pacofi they had a well in the floor

General Notes

instead of a tank, but this was awkward and entailed too much stooping.

Preparing fish for freezing

In preparing salmon they ~~glazed~~ washed them ~~fish as quickly~~ down with water and wiped off the slime with a cloth. They did not rub off the gills to get rid of the slime there. Halibut they froze without washing or cleaning in any way. After freezing they glazed the fish as quickly as possible; then boxed and stored them. Before shipping they wrapped them in paper but did not re-glaze them, although personally he thought it would be better to do so.

Pacofi operations

At Pacofi they lost a large quantity of fish by freezing it at about 18° F. in their storage rooms, and without glazing or boxing. He thinks fish was not frozen through and that at 18° F. the freezing process was too slow. They sold the stock but had it rejected and ultimately made it into fertilizer.

Pacofi insulation

Part of the trouble he thought due to poor insulation. In insulating they used a granulated cork mixed with so

General Notes

Kind of cement, and he thought it conducted instead of excluding heat.

As a general thing they found that once they put the temperature down to say 14° in their storage rooms they could hold it all night by running the machine, say 4 hours in the morning and 4 in the evening. Here he thought we could do it still easier especially as far as night time was concerned. This was something we could only learn from experience. A rise of more than 2 or 3 degrees should be avoided and the machine put on at periods which would hold temperature within that range.

Holding temperature of rooms.

Sometimes when they were desirous of getting more cold available for their sharp freezers, or were making extra ice, they ran the storage rooms away down to keep from having to apply cold again for a longer period.

He did not know what it cost them to make ice but there with water power and free water he thought our cost could not exceed 75¢ per ton at the very outside.

Cost making ice

General Notes

Piling boxes in rooms

In storing fish in rooms the Van. Ice & C.S.Co put 1/2" battens beneath the bottom row of boxes; also between each tier so as to permit a free circulation of air. They also leave a small space between the wall and outside rows of boxes for the same purpose.

16th May

Water at dam

Water at dam is 20 inches lower than the race way to-day. This is a falling off of 16 inches since last Sunday. Height of water over intake box is 5' 2" There was no rain fall since date of previous measurement.

Sale 1/2# ovals

Whitehead under date of 21st inst., wrote that the B.C. Packers Ass'n had sold a lot of Fraser 1/2# oval sockeyes at $12. per case. He thinks 1/2# peat sockeyes will probably be worth more than $10.75 before the season closes.

6th June

Yesterday evening the water at dam was 27" lower than the raceway; a fall of 7" since 26th despite the rainfall in between those dates. This afternoon it was 28"; a loss of 1" in less than 24 hours. Stopped the leaks as best we could with old nets.

General Notes

5th June
Port Nelson pack

Cosens was down at Port Nelson this evening and was told their pack yesterday was 718 c/s and to-day 753 c/s. Their total pack to date was 1.715 c/s.

7th June
Water at dam

The water at dam this evening was 31" lower than the raceway; a fall of 2½" since the 6th. This shows that the use of old net has had some effect in stopping the leaks

6th June

The water at dam to-day was 37" lower than the raceway; a fall of 6" in the last week. At this rate of loss the supply will last 9 weeks without any further rain falling.

Size Wallace Frozen fish boxes

Wallace under date of 6th & 10th inst, writes that the dimension of his frozen fish boxes are as follows;-

Halibut boxes inside measurements 15½" deep, 24½" wide and 48" long. Tops, bottoms and sides are of 7/8" lumber. Ends 1⅛" lumber. Dressed both sides

Steelhead boxes inside measurements, 16" deep, 22" wide and 42" long. Tops, bottoms and sides are of 7/8" lumber. Ends 1⅛" lumber. Dressed both sides.

General Notes

Testing freezing of fish.

In freezing fish, when they are to be tested to learn if they are thoroughly frozen, Wallace strikes them with a hammer. If properly frozen they will ring, and if not they will sound hollow.

Price paid for raw halibut

Wallace has been paying 2½d per lb for halibut dressed and headless delivered at Cannery. Fishermen are given ice free but have to pay for bait.

19th June

Port Nelson pack.

Adamson was here to-day and said the Port Nelson pack to the 15th inst inclusive was 1566 cases. They expect to put up over 200 cases to-day.

Cost of monthly wage Spring Salmon

Binns was here and said they had heard from English and that on the Skeena he was paying 5d per lb for red Springs for pickling. On the basis of our first car shipment we Estimated the weight would average 12 lb per fish which make price $1.10 each. Binns says the fish cos them $2.22 on monthly wages and that understood Port Nelson's cost also wa over $2.

General Notes

2nd June

McGarry says the New England Fish Co's plant has 2 triumph engines; the plant at Prince Rupert two 75 ton Wolf machines; and the Uchucklesit plant of the Wallace Fisheries Ltd one 75 ton and one 50 ton York machine. There are 8 sharp freezers at Uchucklesit each about 12' x 24' and these freezers are about 15' high although a lot of this height is wasted owing to the beam crossing the middle of the room and the pipes being below the beam.

New England Cold Storage plant.

Prince Rupert Cold Storage plant

Uchucklesit Cold Storage plant

McGarry on Mason

McGarry says the Uchucklesit plant is a very fine one but he does not think it will make any money this year - at least not if Mason's ideas are carried into effect. Mason he says is a bluffer who knows nothing about ammonia machines and he thinks is equally ignorant of everything appertaining to cold storage. It is due to Mason that the sharp freezers have the air blast as well as the direct expansion system, but McGarry thinks this is a mistake in fish freezing as there is bound to be loss in weight through the blast system. With meat it is different as

Direct expansion vs Cold Blast System

General Notes

with direct expansion only there is no chan
of air and the meat is likely to get moulds
in consequence. Using the blast system o
meat obviates this, but the large freezers in
eastern Canada have all found the direct
expansion system was best for sharp freez
The Uchucklesit plant depends entirely o
water power for its operation and McGarry
thinks they may find it necessary to close
down this season through lack of water
Their supply is obtained from a lake bu
their dam is small and poorly construct
and has already gone out 3 times

Uchucklesit water Supply

The North Pacific Cannery has an 8 to
Linde machine which is used entirely
to cool off two rooms for mild cured fish a
for making their brine cool. They have
ice making tank nor sharp freezer

North Pacific Cold Storage plant.

Water at dam on 23rd June was 44
inches below level of raceway. This
a drop of 7½" since the 16th inst. Heigh
of water above intake pipe is 3' 1½" a
at this rate of decrease we have over Swee
supply independent of any rainfall in the mea

Water at dam

General Notes

ne 29th

BCPkg Cos

pack.

McBain was here this afternoon and said his pack, between the two canneries was about 4,000 cases of which 2000 cases were sockeye and the remainder springs

th July

cofi Ice

achine

mparison

of

ce Machines

McGarry said the Pacofi Cold Storage plant consists of a 40 ton Linde machine.

He also said that from his experience if he was going to put up a plant for himself he would call for tenders from the Linde (or Wolff, which is the same in the U.S. as the Linde is in Canada), the York and the Triumph and would give the contract to whichever bid the lowest. He considers all three are equally good machines and all are superior to any others on the market that have come under his observation

7th July

Naas

packs

Was at the Harbour to-day and Chambers told me their pack yesterday was 540 c/s and their total to date about 3400 cases. Port Nelson pack yesterday was 501 cases and Arrandale something less. Mill Bay pack for 6th & 7th was 750 cases all kinds.

General Notes

8th July

Water at dam

Was up to the lake yesterday and found water 53 inches below raceway. This is a drop of 8½ inches since the 3rd., despite the rainfall since then. At the present rate of decrease estimate there is still 7 weeks supply on hand with any more rain coming. Water at present is 45 inches above top of intake pipe.

9th July

A.B.C. Naas pack

At Port Nelson to-day Walker told Johnson the pack there to Saturday night last was 3900 cases and at Arrandale somewhat less. Their total pack to date being between 7000 & 8000 cases

10th July

Bell-Irving visit

Bell-Irving was here yesterday and said he hoped the pack of Dog salmon and Humpbacks would be small as the demand was very poor and with big packs prices were likely to break. He therefore thought all the B.C. packers should limit the quantities they put up of these species. (He said nothing about limiting his Ketchikan pack where he is prepared for 130,000 c/s) He also told me the selling value of the Spring Salmon was about $3.75 per case.

General Notes

July 11th

Adamson was here to-day and gave me the ABC packs as follows:-

	Port Nelson	Arrandale	Total
To Saturday 6th inst., inc.	5335	2776	8111
Packed on Tuesday	716	603	1319
	6051	3379	9430

ABC Naas packs.

All of the Arrandale pack are sockeyes and of the Port Nelson 3469 c/s are Sockeye 1034 c/s Red Spring 1/2# flats 1121 Red Spring 1# talls (total Red Spring 2155 c/s), 260 c/s White Spring and 167 c/s Pink Spring

July 13th

Dr Gilbert and Babcock were here to-day and the former said he had been very successful in his study of Salmon Scale and could tell from same whether the fish remained for one Two or more years in fresh water before visiting the ocean or whether they proceeded there immediately after the egg sac was absorbed. He said the large sockeyes were mostly 5 years old fish and that those here on the Naas were mostly of that age when returning. A full grown Salmon (Sockeye) was always over 20" long and generally over 22 1/2".

General Notes

A 4 year old fish usually was 23½" or 24" long although some would be found 27" or 27½" and these would probably be all male fish. From his observations he believes the major portion of the run are 5 year old fish but quite a num of 4 year old ones accompany them. On the Fraser he thinks the big year every fourth year is probably due to the return in larg numbers of these 4 year old fish with the regular run of 5 year old but as he has no yet had the opportunity of testing the ma in a "big" season he cannot definitely sa this is so. If correct the main puzzl to him would be why there is not a larger run in the year following the big year than seems to be the case.

14th July

The water at dam was 40½ inches ~~below~~ above the of intake pipe ~~sacewaj~~ to-day, ~~a rise of 4~~ This leaves th quantity practically the same as it wa last Sunday. What was used during the week and the leakage was off set by the rain which fell. At present there is st 7 weeks supply on hand without any fur rainfall.

Water at dam

General Notes

6th July

In letter of 13th inst., from Geo. Alexander he says packing on the Fraser is much better than usual to this date. Their pack at the Great West at time of writing was 798 c/s Red Spring, 134 c/s White Spring and 283 c/s Sokeye Total 1222 c/s.

Great West pack

and Sales.

They have sold subject to pack the following:-

2000 c/s White Spring talls $3.50 less 5% labelled.
1000 " Dog Salmon " 3.50 " 5% "
500 " White Spring ½ flats 4.50 " 5% "

1st July

Water at dam

The water at dam was 36 inches above the box of intake pipe to-day. This is a fall of 4½ inches during the past week which was exceptionally hot and as we were working long hours all the time think it a good test of the decrease to be expected from now on. At this rate there are 7 weeks supply on hand if no more rain should come within that period to add to the present volume. This would keep us supplied until 7th September at least and with what rain we are reasonably sure of between now and then we doubtless have enough in sight to finish the season

General Notes

26th July — Fish at Salmon Cove

Hickman was here to-day and said that he had stopped in at Salmon Cove a day or two ago on his way down from Goose Bay, and that the Cove was simply alive with humpback and dog salmon waiting for an opportunity to get up the stream.

28th July — Fish at Goose Bay

The Granby people were down here to-day on the Kipling and in course of conversation said that Goose Bay was full of dog salmon and humpback waiting for an opportunity to ascend.

30th July — Naas packs

Adamson was here to day and said the other cannery packs to Saturday night last, the 27th, inclusive were as follows:-

Port Nelson	8170 c/s	Sockeye,	11378 c/s total
Arrandale	7000 "	"	9580 " "
Naas Harbour	6000 "	"	8666 " "

The pack at Naas Harbour to the 25th inst in detail was as follows:- Sockeye 5698 c/s Red Spring 1177 c/s White Spring 275 c/s Dogs 285 c/s, Humpbacks 875 c/s Grand Total 8760 c/s

Mill Bay pack to 27th inclusive was 10,800 c/s of which 6,300 c/s were Sockeye

General Notes

5th Aug

The water at dam on the 1st inst., at 8 a.m. was only six inches above the intake box. This was a drop of 30 inches in ten days.

On the ~~1st~~ 3rd I went up to the dam in the evening and found there had been a further decrease of 2¼ inches for 12 hours, which is at the rate of 4½ inches a day.

Water at dam

On the 3rd, in the evening I found the water had fallen ten inches lower, despite the heavy rains of Thursday night and Friday, which would mean the water was being lowered about 6" each 24 hours. The water at this time was only 5 inches above top of intake valve.

On Sunday, the 4th, we went up and ran the pipe line 60 feet past the dam and inclined the outer end downward into 2' feet of water.

This evening, after the water had been drawn from the lake for 20 hours since it was first turned on again last evening there was a drop of 4½ inches. At this rate the consumptive decrease is fully 6 inches for each 24 hours

General Notes

17th Aug

Evans under date of 2nd inst., writes that opening prices for Canada were named as follows:-

Opening prices for Canada

Northern Humpback	Talls	4.	per c/s
" "	½ flats	5.50	" "
Cohoes	Talls	7.75	" "
"	½ flats	8.50	" "
Red Spring	Talls	7.75	" "
"	½ flats	9.50	" "
Rivers Inlet Sockeye	Talls		" "
" "	½ flats		" "
Fraser & Skeena "	Talls	9.75	" "
" "	½ flats	11.	" "

Bell-Irving would not agree to be bound by the above price for Humpbac and reserved the right to cut same if he so desired.

Opening prices on the American side have not yet been named bu it is expected Alaska Red Talls w open at $6. and Cohoes at $5.80.

Sale ½ flat Red Springs

The Cassiar Pkg. Co and Great West Pkg have already sold their Seasons pac of Red Spring ½ lb. flats at 9.00 per ca

General Notes

Wales Island cannery pack to Saturday night (10th inst.) was about 7,500 cases, mostly humpbacks. They only had about 2,500 cs to corresponding date last season.

Humpbacks have been running very well with them for the past two weeks.

They have not had their cold storage plant running as yet. This spring they made ice and iced fresh halibut for shipment to Vancouver where they sold it locally. They found considerable difficulty in getting the trade to take the fish owing to the large sizes, as the only halibut they have been receiving in the past were the small fish culled out of eastern shipments and through depending on this they objected to handling the big fish Dobtisay caught.

Wales Island notes

At present their cold storage is being used as a bonded warehouse for storing Hidden Inlet canned Salmon salved from the fallen building there. They have 5000 cases of this fish on hand.

General Notes

Visited Kidders Inlet cannery on Saturday the 10th inst. The plant consists of a building 50 x 210' and contains an Iron Chink, L & B elevator fish knife, and 2 Jensen fillers. Their original preparation was for 36,000 cases and in addition they had arranged for 14000 %s factory made cans in case they needed them.

Kidders Inlet Cannery notes

On addition to their machinery building they had a warehouse built this spring 40' x 210' Herbert Barton had the contract for putting in the foundation and was to set the piles on mud sills but did not do so. When asked about it this spring he said he had dug holes and put the piles down to bed rock but it subsequently turned out he only went to hard pan and when the weight of building and contents came on the piles they sank through this hard pan and the building collapsed. Mr Como said the blame was partially his own as he had men putting braces under the building and took th

General Notes

off to work in the cannery before they had completed the bracing as he was short of labour to handle all the fish he was getting. At the time of the accident he had 8000 #s of salmon in the building and all this went down. As it goes back under the building at low tide he saved all but about 1000 #s which were crushed too badly. All of the salved pack he put through the retorts at 212° until thoroughly cleaned and then put them through the lye bath. He found this cut off the rust completely. Owing to the accident he is now compelled to box his pack unlacquered each morning after it is processed and ship it that way to Seattle where it is opened, tested, lacquered labelled, and re-boxed.

Mr Como says fish are extremely plentiful where he is and he could easily pack 100000 cases of Humpbacks out of Hidden Inlet alone. He has white men and Indians running for him and finds the Indians — especially those from Ketchikan do the best work. His seines are mostly 270 fms long

General Notes

by about 9 fms deep. He pays the following prices for fish :-

~~Caught~~	Caught with Cannery Gear	Caught with Private
Humpbacks	12.00 per M.	15.00 per M.
Dog Salmon	3 cts. each	4 cts. each
Sockeye & Cohoes	15¢ " "	

Next spring he intends putting up a new building 80' wide and about 210' lon in addition to his present plant.

He operates 2 traps in addition to his purse seines and says the one in front of the cannery has already taken over 100,000 humpbacks, and he estimates it now contains about 40,000.

Through the accident he lost 8 days canning in the very best part of the season and thinks this will reduc his pack about 14000 cs

Mr Como in talking about B.C. affa told me that on one occasion h was talking to Jno. D. Williams about what places were available i District No 2 for building new plant and asked about Gardiner Canal.

General Notes

Williams told him this was already controlled by Jno. Wallace but added he had better see Wallace as he thought the latter was open for a sale.

Williams v Gardiner Canal licenses.

When Como spoke to Jno. Wallace on the subject the latter asked more than the former thought it was worth. Wallace explained his price by saying Williams had an interest in the licenses with him as he had been compelled to give him an interest in order to get Williams to take the licenses away from the former owners and transfer them to him (Wallace). (See also p. 117.)

13th Aug

Canadian Salmon prices

Evans under date of 10th inst writes that owing to Bell-Irvings cut in price of Humpbacks to $3.50 per case the market became so demoralized all the other brokers had to follow his example and reduce their prices to his figure. Bell-Irvings cut applies to Cohos also and price will likely drop to about $6.80 for 1# talls

General Notes

1st Aug

Evans under date 17th writes market continues very demoralized and orders taken "subject to opening prices" are not being confirmed. For the U.K. market weak packers offered Fraser 1/r's Sockeye at $10. without takers. Since then E.C.F. have interviewed all packers and as a result everyone is holding firm for $10.50 or better

Salmon Market Conditions

In the Canadian market it is understood Todd is offering humpbacks @ 3.00 per case, and says he will drop to $2.50 per case if necessary. Evans says if Bell-Irving had not refused to act in concert with other packers a very fair quantity could have been marketed in Canada @ 4.00 per case and the only cutting necessary would have been on export orders. Cohoes in the U.S. it is expected will open at less than 5.00 per C/s (Humps @ 3.00) and Evans understands Alaska Cohoes are being offered in Winnipeg on the basis of $6.80 f.o.b. Vancouver, including duty (30%

General Notes

B.C.P.A. Frozen fish prices

Whitehead under date 15th inst., says the following are the frozen fish prices for this season:-

Frozen Halibut		5¢ per lb.
Steelheads		9¢ " "
Cohoes	round	6¢ " "
"	dressed	6¾¢ " "
Dog Salmon	"	4½¢ " "

St Mungo holding off.

Anderson of the St Mungo, under date of 14th, writes he is holding off making quotations until later on as he believes he can obtain higher prices by so doing.

Mill Bay quotations

We put out the following prices yesterday:-

Frozen Halibut		5½¢ per lb.
Cohoes	round	8¢ " "
"	dressed	8½¢ " "
Dogs	round	5½¢ " "
"	dressed	6¢ " "

and notified the trade we would not freeze a Salmon unless order was actually in hand as they were worth the equivalent of above prices canned

General Notes

Lord and Mr Holman (?) of the Wallace Fisheries office were here on Cetriana to-day. The latter speaking of Steelhead said they were worth at least 11 cents per lb. He thought they might like to get our frozen Steelheads for their English trade.

Clayton prices frozen fish

Halibut was exceedingly short and in great demand and he thought Wallace intended asking at least 5¢ per lb for Clayton's catch. He said I should have no trouble in obtaining 5½¢ and thought Wallace should raise to same figure.

27th Aug Steelhead offer

Lindenberger under date of 23rd inst., with stating he could use 2, 3 or even more cars of frozen steelheads and made an offer of 10¢ per lb f.o.b. Vancouver for my pack.

He said that freezing Spring Salmon for the German market is not profitable business and that if Wallace has frozen any it could not have been for shipment to Germany.

General Notes

Evans under date of 24th inst., gives the following opening prices as being named on the 22nd inst., by the American packers.

American opening prices

	Sockeye	Red Lake & Spring	Cohoes	Humps	Dog Salmon	
talls	7.80	5.60	4.60	2.60	2.50	per case
flats	8.	6.40	5.20	3.	"	"
½ "	10.40	9.20	6.40	4.80	4.44	" "

all labelled less 4% and 2½%.

McCroskie re Williams v Barnards Cove.

Capt. McCroskie was here to-day and speaking of Jno. D. Williams actions in connection with locating land at Barnards Cove he said he had applied to purchase certain lands and when he examined the maps in the Government office Prince Rupert, found a prior application had been made. In investigating this application he found it was on the opposite side of the Cove from his location and that the two pieces did not approach each other close enough to touch.

In the course of his investigation and through conversation with Cropper and Pattenden, together with the documents he saw on file he learned the land

General Notes

in question had been staked for a man
named West, of Vancouver. The staking wa
done by the mate of the "Falcon", and on
the vessels return to Essington this ma
filled in the application form and ma
the necessary declaration under sam
before "Jno. F. Williams, Gentleman" J.P.
Subsequently when filing applicatio

McCroskie re Williams

at the Government office Williams put in
his personal cheque to pay the Governmen
charges on the property.

Barnards Cove.

Shortly afterwards question rose over a
technicality in description on Capt
McCroskie's part which it was claime
invalidated his application, and whe
he wished to rectify the error he foun
West's application had been altered so a
to embrace all the land covered by both
their applications and that his applica
had been granted. McCroskie claim
that in order to effect this the descripti
of the staking and the stakes had b
deliberately altered and that West's ti
had been obtained surreptitiously
and by fraud.

General Notes

In connection with this matter McCroskie charges Williams used the Government boat and men for private purposes and that all his opposition to McCroskie obtaining licenses was because he was personally interested in securing the same for the Gilford Fish Co with whom, and for whom, he was acting at the time. He claims that when Williams was accusing him of only desiring these licenses to speculate with he was fully aware he (McCroskie) had already an investment of $2500, in a gasoline boat, also a seine, gill nets, fierces, salt, and buildings for same, all of which would be lost to him if licenses were cancelled. Speaking of the licenses referred to by Mr Como (see p. 111) as having been obtained by Jno. Wallace on Gardiner Canal only by Wallace giving Williams an interest in same as an inducement to cancel the licenses previously granted others, McCroskie says he was the one from whom licenses were taken in order to bestow them on Wallace (Jno. J.) himself.

McCroskie or Jno. J. Williams

General Notes

2nd Sept

Anderson under date of 28th ultmo. says Armsby and other American brokers are offering Red Alaska Talls at $7.90 and Cohoe Talls at $6.60 per case f.o.b. Cars Toronto, duty paid. With freight from Vancouver to Toronto abou 54 cents per case these prices are equal to about $7.30 for Red Alaska and $6.00 for Cohoes f.o.b. Vancouver Anderson also says Humpbacks are worth $3.00 per case in Canada but business is practically nil even at this price.

Anderson on market.

Lindenberger under date of 3rd inst offered 10 cents per lb f.o.b. Vancou for 2 or more carloads of frozen Steelheads. In reply made him an offer of 2 cars, subject to immediate acceptance at 11¢ per lb f.o.b. Vancouver. Made Paterson same offer f account of Klevenhausen.

General Notes

3rd Sept. Babcock under date of 27th ult. writes he has just returned from Medziahdin Lake. He says the water in the lake was very high - up to any high water marks they could find, and that when the water was high salmon could go over the falls with little difficult. He said "We saw many springs and sockeyes going over. An Indian there said the run was early and "plenty of fish this year."

Babcock on Kaas spawning grounds.

He also said he would urge the construction of a fishway for the falls with the Department at Ottawa.

"As large numbers of sockeye pass up the Kaas above the junction with the Medziahdin, I am positive that Hickman will find another big lake in the watershed not heretofore reported.

General Notes

4th Sept

Evans under date of 31st ulto., writes there had been a meeting of interested parties held on the 29th at which it was decided to hold Skeena/Naas/Fraser ½ lb flat Sockeyes at $10.25 per case, River Inlet at $10.00 per case and to guarantee these figures until 31st December next. The parties present estimate the unsold stock at 125,000 c/s, but Evans think 150,000 c/s nearer correct. Of this 31,000 cases are held by the A.B.C. Pkg. Co. 18,000 " " " " " B.C. Pkrs Ass'n. 12,000 " " " " " Wallace Fisheries

U.K. prices

½ flats

Evans writes that as a result of the disparity between Canadian and American asking prices Armsby and other brokers are offering Red Alaska (Sockeye) in Canada at practically the same price as B.C. Cohoes.

Red Alaska Sales in Canada

They also report that the B.C. Pkrs and A.B.C. made sales to Australia about a month ago at over $7. per case but have since had to reduce their price on these sales to about $5.60

General Notes

Evans writes that when opening prices for Canada were being discussed Bell-Irving had made up his mind to sell Cohos at $6.50 to 6.75 and "to save the situation" the B.C.P.A. and E.C.F.E. agreed to take one half of his Coho pack provided he was unable to place same. They understand Bell-Irvings sales in Canada are not over 4500 cases and Evans estimates 2,000 or 3,000 cases will be "saddled" on them and a similar quantity on the B.C.Pkrs.

B.C.Pkrs - Evans purchase of B.C. cohos.

Writing the Draney Fisheries Ltd on the 30th ult. Evans says their sales have been as follows:-

Evans Sales in Canada

Pinks. 6,250 c/s of which 1500 c/s are 1 lb. flats. Of this they have allotted 3200 c/s to Draney and 1600 cases to Mill Bay. These sales are practically all at $3. per case.

Cohos. 7,500 c/s, of which they have allotted 2750 c/s to Draney. They expect they can give them more Coho orders later on.

Chums. They sold for Draney's a/c 4,700 c/s of which only 300 c/s were for Canada and this portion was subsequently cancelled. The export sales stand at selling prices.

General Notes

7th Sept

Lipsett under date of 29th ultc., writes that for salmon trolling the principal lines used are the Jos. Jefferson #33 and #3 linen. The best selling spoon hook is the Kewell-Stewart spoon - which is also the highest priced.

Spoon hooks & lines.

Wallace purchases.

Lipsett said that last spring the Wallace Fisheries had 400 dozen Jefferson lines and 400 dozen Kewell-Stewart spoon hooks

When the Cetriana was here to-day Capt Richardson told me Lord came up from Vancouver with them this trip and said he had been over at Ketchican looking at the sanitary can. Lord was very enthusiastic over the good work done and told him of two retorts he saw cooked in one of which 2 leaks had been found while in the other there was but one. Lord had figured out he could pack cheap grade with this process for $1.90 per case at cannery. He urged the Wallace Fisheries to adopt this system next season but they seemed to prefer waiting for another year.

Lord on Sanitary Can process

General Notes

5th Sept. Frozen Fish Sales

Sold Leonard Bros, Montreal 50,000 lbs. Frozen Halibut at 5¢ per lb. and 200,000 lbs additional, subject to being secured, at 5½¢ per lb. f.o.b. Vancouver.

Sold Lindenberger 50,000 lbs., (and all we put up as well if we desire) Frozen Steelhead at 11¢ per lb. f.o.b. Vancouver.

1st Sept Cohors in Portland Canal.

Hamilton was here To-day and said he has had six gill net boats fishing at the head of Portland Canal for the past two weeks. Ten days ago (which would be from the 5th to 10th or thereabouts) these boats were catching 600 to 800 Cohors. It would appear however that this run went up with the heavy rains about the 10th inst., for since then they have only taken from 6 to 30 to the boat. Hamilton expects however that they will become more plentiful again as they are coming in steadily and gather ready for rain to swell the streams, and in this way is created an alternating scarcity and plenty of fish.

General Notes

24th Sept — The Kincolith returned from Rupert last night with a halibut fishing crew. The captain says the general plan of fishing around Rupert is for the Company to provide boat, fuel, provisions, bait and fishing gear and to pay the wages of engineer and cook. The latter gets $60 to $65 per month.

Halibut fishing wages

One cent per lb. is paid for the fish taken which money is divided amongst the crew including captain, and in addition the latter gets $20. per month and $1.00 per 1000 lbs. of fish.

Naas Harbour pack — Naas Harbour Cannery case count of pack is 14,475 cases of all kinds of which 7,877 cases are Sockeye.

29th Sept — Evans under date of 28th inst., writes that the A.P.A. opening price for Re

A.P.A. Alaska for the U.K. is 23/9 which

Selling price for U.K. is equivalent to about 1.30 per dozen (5.70 p less 2½% labelled f.o.b. Pacific Coast.

General Notes

7th Sept — The "Kincolith" left to-day on its first trip for halibut. She took 3 tons crushed ice and had 150 frozen steelheads for bait.

5th Oct. — The Kincolith returned to-day from its 1st trip with 170 halibut of a dressed weight of 5,980 lbs which is an average of 35 lbs. each. Most of these were taken off Sayward Island. The weather was quite rough most of the time, being a succession of S.E winds. They set their lines inside Dundas on the out-bound trip but caught so many mud sharks and found so many halibut had been eaten off the lines by them that they were compelled to move. On the way up they set their lines out in Dogfish Bay, Portland Canal, but caught nothing but Dogfish.

Halibut fishing

9th Oct — Kincolith on 2nd Trip had 317 halibut, weighing 7370 lbs. Average per fish 23 lbs. Weather very bad; only had 2 half days fishing. Other boats out over 10 days returned home without catching a single fish

General Notes

Feth Octr Finishing packing and re shipping Steelheads to-day with the following results;-

Total quantity frozen 88,000 lbs.

Cost of Frozen Steelheads	Cost ABC & BCPkrs fish	60¢ each =	6¢ per lb
	" Mill Bay "	15¢ " =	1½¢ " "
	Average cost all steelheads	45¢ " =	4½¢ " "
	Cost of paper used in wrapping		¼¢ " "
	" " boxes @ 1.00 each		½¢ " "
	" " labour		½¢ "
	" " incidentals		¼¢ "
	Total cost of finished product		6¢ "

15th Dec Anderson (W.A.) estimates the Salmon consumption of Canada is as follows;-

Canadian Salmon consumption	Sockeyes	80,000 c/s.
	Cohoes	60,000 "
	Red Spring	20,000 "
	Humpback	80,000 "
	Dog Salmon	10,000 "
	Total	250,000 "

Martin of E.C.&E. estimates that Sockeye grade Canada now takes about 15000 c/s per annum

General Notes

no Jany 1913

Naas Harbour preparation

Shon says Naas Harbour preparation for 1913 season is 5,000 ½'s ½ # flats and 10,000 cases 1 lb. talls. Total 15,000 cases.

9th Jany

Barker told Marsh the Skeena fish prices as agreed upon with the Japanese Ass^n. are as follows:—

Prices for 1913 for Sawfish

Fishing Spring Salmon by month $45 per man
Fishing Spring Salmon with net after month's wages, 40¢ per fish.
Springs under 10 lbs. weight to be classed as Sockeyes
Sockeyes 12½¢ each
Cohoes
Humpbacks
Dog Salmon
White Springs

General Notes

20th Feby

The B.C.P.A. sold all their remaining ~~1908~~ 1912 pack of ½ flat sockeyes, consisting of about 15000 cases, at 8.00 per case f.o.b. here, and Wallace Fisheries all theirs (about 20,000 cases) at same figure. Both sales were put through by Benmore of Peabody & Co and the UK buyers were Pelling Stanley & Co. These sales practically clear out the holdings of the above mentioned firms – the B.C. Pkrs only have about 2000 cases Rivers Inlet ½s left, and Wallace some 3000 or 4000 c/s.

Sales 1912 pack.

These sales were made on or about the 19th inst., and this A.M. Evans had a cable from Powell offering 35/6 ($8.12) for 3000 c/s Mill Bay halves. This I declined. In the afternoon Desbrisay was in asking for salmon and said he had an offer from Gilbertson of 36/- Subsequently Martin of E.C.&E. was in and I told him my ideas were based on conditions existing in 1909 and I thought everything

General Notes

pointed to the results of that year being repeated now.

These conditions were as follows:-

Comparison 1908 v 1912 selling conditions

In 1908 as in 1912 the prices offered were higher in the spring than in the fall and packers refused to sell at the lowered prices. In an effort to hold up prices the packers agreed to uniform asking prices, but in May 1909 Dawson & Buttimer secretly broke away from the selling combination and sold 30,000 cs ½ lb flats at 78/- ($6.10) per case. This transaction is duplicated now by the BC Pks - Wallace sales referred to on the opposite page.

Immediately following the Dawson sale buyers became active for other unsold packs (as they are doing now) and price advanced within two weeks 6d per case and one week later 1/6 per case. New Season's pack which had previously been sold at $5.80 for ½ flats now advanced to $6., or only 10¢ per case under the Dawson sale of 1908 fish and considerable selling was done

General Notes

at this figure for ½ flats 5.75 for 1# flat
and #5 for talls.
a month later, 3rd July the various
packers agreed on the following
opening prices for 1909 fish.-

Comparison 1909 v 1913 Selling prices

Talls 23/6 ex quay Liverpool #5.10 f.o.b. Vanc
Flats 25/3 " " " 5.45 " "
Halves 28/6 " " " 6.25 " "
Rivers Inlet quality 25¢ per case under abov

At these prices about 100,000 c/s were
sold for the U.K. Then on 9th Au
Baylis of Peabody & Co telegraphed
an offer of #6.75 for ½ flats an
on 20th Aug. Peter Wallace told
he had sold his Clayton ½ fla
at $7. per case.
This season's future market
started in the same way. First
Sherman of the Scottish Canad
Cannery sold 7,000 c/s ½ flat
at $7.35 per case before the spot
stock sales were made by the
and Wallace. (This correspond
the 5.80 sales made early in 190
Then the English Fisheries sold

General Notes

1913 Sales

C/s Fraser Falls at 5.75, 2500 c/s 1# flat at $6. and 2500 c/s ½ flat at 7.50 per case. The Great West Pkg Co also sold flat and ½ flat at same prices. (These sales correspond to the 6.00 Sales of 1909 pack after Dawson had set the 1908 price at $6.10 per c/s.) To-day packers are holding ½ flat at $7.75 and buyers are trying to get them to let go at $7.50 The chances are packers will be asking for $8. within a month.

One reason for the advance in ½ flats in 1909 was that the July packing on the Fraser was very small and when the heavy run came in about 3rd Aug. the canners had most of their ½ flat tins unfilled. The quantity of fish available compelled them to pack 1 lb. tins and resulted in the ½ flat pack being relatively small. These conditions are very likely to be repeated in 1913 as well

General Notes

25th Feby — Tom Lake told me to-day they had just sold some 1912 1lb flat Sockeye at 9.20 per case f.o.b. He says his company thinks 1912 ½lb flats will go to 9. within the next month and that future (i.e. 1913) halves will easily bring 8/- or better.

Dawson & Buttimer Sale

26th Feby — Chutter under date 25th inst., writes Bunzen informed him he had boug a carload Columbia river steelhea at 9¢ per lb. Chutter himself ha 17,000 lbs frozen steelheads which h could not sell at a fair price s thawed them out and sold in their fresh fish business.

Steelhead Sales

7th March — Evans Coleman & Evans received a cable offer of 37/- ex quay for ou Mill Bay ½ flat sockeye (equal 8.44 f.o.b.) but I declined same and made counter offer of 37/6 E.C.& E. say Bell Irving has been asking 38/- for Skeena but no business results

Offer Naas Sockeye

General Notes

th March Martin of E&E figures sales to date of 1913 pack as follows:-

Scottish Canadian

7000 c/s ½ flat Sockeye @ 7.35 per c/s less 2½%

1000 " 1 " "

1000 " 1 tall "

Great West

6000 c/s ½ flat Sockeye @ 7.50 per c/s less 2½%

Sales 2500 " 1 " " @ 6. " " " "

1913 English Fisheries Ltd

pack 2500 c/s ½ flat Sockeyes @ 7.50 " " " "

2500 " 1 " " @ 6. " " " "

4000 " 1 tall " 5.75 " " " "

BC Can'g Co

15000 c/s ½ flat "

BC Packers Ass'n

7000 c/s ½ flat " @ 7.75 " " " "

Glen Rosa C. Co

2500 c/s ½ flat " @ 7.75 " " " "

Draney Fisheries

2500 c/s ½ flat Kinsaquit Sockeye @ 7.75 " " "

2500 " 1 tall Nanoose " @ 5.50 " " "

General Notes

10th Mch

Martin informs me that Powell have cabled accepting my offer of 37/6, ex quay, which is equal to about 8.56 per case f.o.b. Vancouver. They take the whole lot at this price

Sale 1912 Naas sockeye

15th Mch

Benmore of Peabody & Co put through a sale for the English Fisheries Ltd. to-day of 1500 c/s ½# flats at 7.65 a 500 cases 1# flats at 6.15 per case These prices are 15¢ per case advan over what their former sales were made at.

Sale 1913 Fraser Sockeyes

Benmore also made a sale of a lot of BC Packers 1912 sockeyes at the equivalent of 8.65 per case. This is highest point prices have reached since buyers commenc operating again.

Sale 1912 Sockeye

17th Mch

E.C.E. Sold 550 c/s Skookum brand tall Cohoes to Laporte Martin & Co, Mont- real, and 1000 c/s ditto to Grocers Ltd, Toronto at $4.50 per case

Sale 1912 Cohoes

General Notes

1st Mch

The independent boats taken out up to 15th inst., were as follows:-

Skeena River	127	applicants
Rivers Inlet	56	"
Naas River	40	"
Bella Coola	11	"
Smiths Inlet	5	"
Namu	3	"
Total	242	"

Private Licenses 1913

14th Apr

Saw Barker to-day who told me he was opposed to selling at the low prices offered and expected to get 8.00 for 1/2 lb flats and $6.75 for talls. He said he had refused a sale of Fraser 1/2 flats at 8.00 coupled with 1 lb flats at 6.40 as he thought the latter too low. He has since sold Northern 1 lb flats at $6.50 and has turned down offer of $6.75 for talls.

Barker on 1913 Sales

He reported sales had been made by Todd & Bellstrong both at 8.00 for 1/2 flats 6.40 for 1 lb. flats & 6. for talls. He understood they were now holding all lb. goods for more

General Notes

Barker also informed me that in his opinion the boats next season would all fish private gear in District No 2 and the boat raking would be done away with. He said that in the beginning Todd and Bell - Young talked nothing but fight as regards this season but finally persuaded them to leave the decision of what should be done entirely in the hands of the local managers on the spot. Of course before any drastic change from past policy is adopted the would have to communicate with Head office but all are instructed to secure their packs as cheaply as possible.

Operating methods in District No 2.

On Rivers Inlet the policy decided on was that while they would make a bid for the independent fishermen's catch they would protect their own gear from being preyed upon and on this account would pay the same price for Cannery fished gear as Draney & others paid for private gear. In the

General Notes

way there would be no inducement for the cannery fishermen to sell their fish as they would be receiving as much as the independent men did for theirs.

[illegible]th April

On the 12th I met Greer Starratt in Vancouver and was told by him they had been granted the 30 Indian licenses they asked for, but were forbidden to go to Naas river for any fish. He thought I was responsible for this but on my denying it he agreed with me that it was Desbrisay's influence which shut him out.

[illegible]rince Rupert
[illegible]old Storage
Indian
[illegible]icenses

Talking with Geo. H. Cowan in Prince Rupert to-day he told me the canners had sent a memorial to Ottawa protesting against the Cold Storage Co getting the Indian licenses. He said that clause 8 of their memorial requested that if the government intended giving out these licenses they would ask that the boat rating be done away with altogether "as well as all favouritism"

Talk with
[illegible]eo. H. Cowan

General Notes

2nd June

Water at dam.

The water at dam to-day was 26" below top plank in middle of overflow. This is the highest noted so far this season. The leak around pipe box was caulked up to-day.

Canadian Frozen fish consumption

Hatton Co, Montreal wrote under date of 15th april that in 1914 their purchase of frozen halibut alone exceeded 800,000 lbs.

P. Burns & Co, Calgary, under date of 3rd May wrote they use annually about 400,000 lbs Frozen Chicken Halibut dressed
" 250/300,000 " " Cohoe Salmon "
" 25/50,000 " " Dog " "

Under date of 6th inst they write they propose contracting this season for 350/400,000 lbs Frozen Halibut 15 to 30 lbs sizes, 400/450,000 lbs Frozen Cohoes, headless and dressed, and 25/30,000 Frozen Scalla " " "

Under date 9th June Standard Fisheries Ltd ordered 6,000 lbs Frozen Eulachans @ 4½ f.o.b. Vancouver. Delivery between 1st Nov. 1st December.

They estimate their winter ~~catch~~

General Notes

requirements will be as follows;-
100,000 lbs No 1 Medium Halibut delivery
between 1st Nov. and 1st January next
100,000 lbs Frozen Steelheads, or Cohors if Steelhead
not available. Want dressed fish

4th June

Under date 10th inst., Cassidy of Columbia
Cold Storage writes they have booked 2
cars (50,000 lbs) frozen Chicken Halibut for Winter
delivery at 6¢ per lb. f.o.b. storage. Also
4 cars (100,000 lbs.) for New York at best price,
no price fixed. They have enquiry
from San Francisco for 12 cars, and
quoted them 6¢ per pound at the storage.
Frozen Cohors Cassidy thinks should
be worth 6½¢ round and 7¢ dressed.

BC Pkrs

Sales

T

Prices

Frozen

Fish

General Notes

6th June

Price fish from canneries

Chambers was here to-day and I agree to pay them 25¢ each for White Spring and 5¢ each for prime Dog Salmon, suitable for freezing purposes. As Steelheads the price would be what they were paying on the Skeena, probably 35¢ each, but I could not name actual figures until we kn what Skeena was paying and wha Canned Cohos would open at.

13th June

Solder used in making Sanitary Cans

Cosens finds it takes 1.72 lbs of so to 1000 cans, and Gould of the Ame Can Co, who was here to-day say this is better than the average an is due to our using English tin p He says the A.C.Co. figure 1¼ lbs 20#s (960 cans) is the best they can d and generally it works out higher than this. American tin plate is as good as English plate; is mo brittle; takes more solder; and is n of harder plate. German tin is a much superior to English as Eng is to American and we would be

General Notes

in pocket if we bought the latter. In mixing solder he says 60 lead and 40 tin is right as in wiping cans as they pass through solder machine it takes off some of the pure tin from the plate, with the result that the solder left is about half and half.

Temperature of and time in exhaust box

In Alaska Gould says the general rule of cooking is to send the cans through exhaust box in 8 or 9 minutes at temperature of 211°. Personally he advocates longer time as 9 minutes hardly allows enough for fish to be heated through the center. Cans should

Washing cans

be sent through six bit washer between clincher and exhaust box as otherwise fish particles on the tins would be cooked on in passing through and bad lacquering would result.

Testing cans after exhaust box

If cans leak after being closed most of the larger leaks can be discovered by using test kettle before putting cooler in the retort but the water in test kettle must be kept very hot or leaks will not show up, owing to the heat imparted to contents of can by the exhaust

General Notes

Box.

Temperature of and time in retort

after cans are put in retort they are generally cooked 1 hour and 10 minutes at 247°; one hour and 20 minutes at 242/24 or 1 hour & 30 minutes at 240°. With these differences in time and heat Gould & thin results work out about equal. Coser in cooking Spring Salmon talls ~~to day~~ yesterday tried 1 hour and 20 minutes at 24 but found fish was only just barely cook

Mill Bay cooking temperature

This may have been due to exhaus box temperature only being about 170 but we decided in future to give fish 1 hour & 30 minutes at 240°.

Retort leaks

Gould said the leaks from retort wou all show collapses and these could made good by putting them through the second operation closing machin again, but this must be done at on before cans cool and air could enter the tins. Such re processed ca could go right into pack.

Sound test useless

There is no use sound testing for le after cans come from retort as th Sanitary cans such test is not accu te

General Notes

The only way anything is discoverable
after cooking would be by swells
developing in pack. By lacquering
at once as we do at Mill Bay small
leaks would be closed with the lacquer
and thus made sound.

mmediate
equering
cures
leaks

General Notes

15th June

The water in the lake continued rising until the 1st inst., on which date it was 16" below the top plank opposite the raceway box. This was high water mark for this season.

Water at dam

On 7th June water was 3' 9" below top plank. This was a loss of 19" for the week. For the corresponding period in 1914 (before cold storage was in operation) the loss was 7 inches in 11 days.

To-day, the 15th inst., water was 5' below top plank: a loss of 15 inches in the week against 6" loss in 7 days in 1914. The height of water above top of intake box is now 3' 10" which is just the same as at the corresponding date in 191

20th June

The water in lake was 3' 10" above top of intake box to-day, which is the same height as it was last Sunday. Thus despite the hot weather of the last few days the seepage water flowing into lake and the stream from the lake discovered on Wednesday were sufficient to offset the volume used from the pipe line and creek.

Water at dam

General Notes

2nd June Water at dam to-day was 2' 8" above top of intake box. This is a drop of 14 inches since last Sunday (one week) The measurement of 30th inst., given as 3' 10" must have been an error. Probably 2' 10" was correct. (See below)

Water at dam

The markings we have adopted for the different grades of salmon are as follows:-

Can markings

Sockeyes	Plain top
Red Spring	Crescent
Pink Spring	Full Moon (also used on Smoked fish)
Cohoes	Triangle
Humpbacks	Dash
Dog Salmon	Cross

4th June Water at dam

Water at dam to-day was 3' 1" ~~below~~ above top of intake box. This shows that the measurement of the 2nd, must have been incorrect. The measurement of to day shows a drop of 9" since the 30th = to about 2" per day. Opened dam at second lake to let water down to first one. Height of water at second dam allowed a 4' drop to reach old level

General Notes

Further record of water at lake is as follow

25th June water was 4' 10" above top of intake box.

26 " " " " 5' 5" " " " " "

27 " " " " 5' 6½" " " " " "

29 " " " " 4' 7½" " " " " "

6 " July " " 2' 3" " " " " "

7 " " " " 2' 1" " " " " "

Water 8 " " " " 1' 10" " " " " "

at 13 " " " " 2' " " " " " "

dam 17 " " " " 1' 9" " " " " "

19 " " " " 2' 6" " " " " "

28 " " " " Level with " " " " "

29 " " " " 1" below " " " " "

Lake Whitfield was then lowered and we al

had a very heavy rain. Results were

31 st July water was 8½" above top of intake bo

1 " August " " 1' 4" " " " " "

3 rd " " " 1' 3¼" " " " " "

5 " " " " 8¼" " " " " "

6 " " " " 7½" " " " " "

Heavy rains again resulted in water be

8th August 2' 2" above top of intake box

10 " " 2' 4" " " " " "

11 " " 2' 3" " " " " "

12 " " 2' 3" " " " " "

General Notes

th Aug

Adamson was here to-day and said we
led in Sockeye pack to the 2nd inst., inclusive
On that date Port Nelson & Arrandale
combined had up 7000 c/s, equal to 3500 c/s
each and Naas Harbour had about
3600 or 3700 cases. The total Naas Harbour
pack was about 8000 c/s all kinds.

aas.
acks

th Aug

Sharp of Port Simpson was here on Camosun
to-day and said the Americans who
salted Spring salmon at Simpson
this year were somewhat late in
starting and stopped before the run of
fish was over as the Dom. Govt had
objected to them as aliens and they had
not obtained any saltery license.
He said they had secured 80 tons of
springs in one week and every one
was surprised at the quantity there
was to be had.
Ordinarily springs were first caught
around Simpson from the 1st to 15th
February and from then on to 1st
July. Most of them were taken in
Works Channel and brought to

General Notes

Simpson for curing. The price paid would be 5¢ per pound.

The Americans this year arranged with the wharf leasee at Simpson to rent the wharf for fishery purposes for 6 months from 1st January @ 50.00 per month. Owing to the trouble with the government however they did not remain through the life of their tenancy.

Sharp said he understood Lord has lately been trying to secure possession of the wharf for the 1914 fishing but that so far nothing has been done.

Water at dam has been as follows:-

14th August 1' 7½" above top of intake box.
15 " " 1' 3" " " " " " "
16 " " 11½" " " " " " "
18 " " 2½" " " " " " "
19 " " water was level with " " " " "
20 " " 4" below " " " " "
22 " " 16" " " " " " "
24 " " 8" " " " " " "

Water at dam

opened at 6.

General Notes

Walker was here to-day and said his pack was about as follows;-

P.N. - Arrandale	5000 c/s	1 lb. flat	
	3400 "	1/2 " "	
	200 "	1 " talls	
	8600 "	Sockeye =	4300 to the Cannery
	7000 "	Humps =	3500 " " "
	1700 "	Red Spg =	850 " " "
	17300 "	Total =	8650 " " "

His head office had instructed him not to pack any more humpbacks than he could help taking and they also were not anxious to put up any Cohoes. They wanted him to shut down as soon as possible after sockeye fishing closed.

I told him I would like to get their Cohoes if they were not keen on canning them and if his head office would be agreeable would take all their catch at 25¢ each.

Walker said he had one crew of white fishermen to whom he was paying 30¢ for private gear and had agreed to buy back their gear at the close of the season at a valuation

General Notes

11th Aug

Capt. Oliver was here on the "Crosby" yester and said they had just been over to the Queen Charlotte Islands. So far there were practically no humpbacks arou Skidegate and the BC Fish Co at Alas Bay had hardly anything canned.

H.B. Fisheries operations

Halibut however seemed very plentif and he thought they were making good money on this fish.

He was informed that the BC Fish C had lost all their pack of mild pickled salmon as the curing process had been faulty and th fish all spoiled. As these fish were all caught off North Island and cost 4d per lb. plus expense o collecting them and transportat to Alaford Bay it means a heavy l From what he could learn the Co's operations this season will mak a very poor showing.

Kitkun Inlet operations

At Kitkun Inlet yesterday Capt. Oliver found they had more humps than the could handle. They have sent to Seat for 5000 ℔s more gear.

General Notes

Aug

To-day we put out the following prices on frozen salmon, viz. Cohoes, round 6½¢ per lb. Cohoes dressed 7¢ per lb. Qualla dressed 4½¢ " " and sent quotations to the following buyers;-

Prices frozen Salmon

buyers quoted to.

Wm Black & Son,	Belleville,	Ont.
J. Bowman & Co,	Port Arthur	"
R. M. Cline,	Hamilton	"
Dom. Fish Co,	Kingston	"
Dom. Fish & Fruit Co,	Quebec,	Que
M. Doyle Fish Co,	Toronto,	Ont.
Jno. Fitch,	Hamilton,	"
W. J. Guest Fish Co,	Winnipeg,	Man.
D. Hatton Co,	Montreal,	Que
F. J. James Fish Co,	Toronto,	Ont.
E. Lapointe,	Ottawa,	"
Leonard Bros,	Montreal,	Que
Maritime Fish Corporation (Jos. Surgeon, St James Market)	"	"
Reid & Haddock,	Regina,	Sask.
Windsor Fish Co,	Windsor,	Ont.
Winnipeg Fish Co,	Winnipeg,	Man
P. Burns & Co	Calgary,	Alta.
Thos Craigie	Fort William,	Ont
~~Henry Satchouse~~	~~Montreal, Que~~	
M. Hogan	Quebec,	Que
Quebec Fruit Exchange	"	"

} no prices mentioned in letters to these two.

General Notes

11th Aug

Under date of 5th inst., Moore writes from Vancouver that on that date he and Marsh went to Steveston and bought surplus sockeye for 8 cents each and expected next day to get them for 5 or 6 cents. Marsh intends buying 5000 a day and limiting his own boats.

Fraser run

Moore said he heard Fleming had made a contract with his fishermen to take 100 sockeyes @ 7½ and 200 at 10¢ daily for the balance of the season, and that he has 170 boats pushing. It was reported he had 50,000 sockeyes for sale on the 5th inst., but no buyers.

Canadian Can. Co operations

D.D. was over on the Sound and learn they expected the pack there would not exceed 1,000,000 cases and that there were no humpbacks as yet. All the Sound packers are dubious about the humpback run being large and reports from Alaska indicate a light pack there. They think the opening selling price will probably be $3.00 per case!

Humpback pack

General Notes

4th Aug

estimated pack

Up to the 5th inst. Moore estimated the pack on the Fraser to be 150,000 cases and from the way fish were coming he expected the total for the season would be from 600,000 to 700,000 cases.

Rainey Fisheries packs.

Moore estimated the sockeye pack at Kimsquit would be 4,500 c/s ½ lb. flats and Namu 4,500 c/s 1 lb. talls. Up to last advices there was no humpback run at Kwaye, which was most unusual.

3th Aug

Port Nelson Arrandale packs

Adamson was here to-day and said Port Nelson and Arrandale combined put up 600 c/s sockeye yesterday, making a total pack to date of 9200 sockeye equal to 4600 c/s to the cannery.

Naas Harbour pack

Naas Harbour did not can to-day but yesterday put up 276 c/s sockeyes and this gave them a total sockeye pack to date of a shade over 4,900 cases.

General Notes

11th Aug

Williams was here to-day and said that o
Hazen's recent trip, Cunningham,
McIntyre, Clements and he talked fishi
conditions over with the Minister and
while he could not say all that had
been definitely decided upon he wa
at liberty to say that next season
white fishermen would have the
right to apply for all licenses no
issued to 1st June. After that date
they would be reserved for canners. In
other words no definite number o
licenses would be reserved for whi
and if 240 white applications were
before Japs and Indians had as
for theirs it would result in no
but whites being allowed to fish.
however 190 or 200 licenses were
already issued before the whites
applied, then all they could get w
be 40, 50, or whatever number we
left. (See also page 167)
applications from whites for 1
were receivable any time
and the local fishery officer

Williams re proposed changes in regulations

A

General Notes

nothing instructed to register them in the order received and they would be granted in that order. It was unnecessary for the men to appear in person; we could give in the names for them. There would be no affidavit of bona fideness required nor would the men be required to own their own boat and gear. They could fish cannery gear or private gear as they saw fit.

As to gasolene boats Williams said they would not be permitted in 1914 but that after that season they would be allowed. He was the only person in favour of maintaining the prohibition and he had been overruled. Williams said the whole change was being made to serve political purposes pure and simple and were without regard to the needs of the industry. Personally he would rather have one Jap than ten whites or Indians, but whitemen had votes and therefore they had to be played to. The government knew bona fide

General Notes

1 22nd Aug white fishermen were not obtainable in the province and they had no intention of helping to bring them in. All they wanted was to satisfy the political viewpoint no matter whether the industry suffered in consequence. Williams also said that in the issuance of new licenses preference would be first given to those who had been licensed this season as they were considered as entitled to first claim.

23rd Aug Watson had a letter from Rutherford in which he gave final figures of the Rivers Inlet pack as follows:—

	Wadhams Cannery			13800 ½ Sockeye
Rivers	Brunswick	"	(all ½ flats)	9600 " "
Inlet	Kildala	"		8700 " "
packs	Beaver	"		7400 " "
	R.I.C.	"		7300 " "
	Good Hope	"		7000 " "
	Strathcona	"		6700 " "
		Total		60,500 " "

These figures are exclusive of fish received from Smiths Inlet, Fraser river or other outside

General Notes

4th Aug

Evans Coleman & Evans under date of 3rd inst (and subsequent telegrams) say opening prices as follows have been named for Canada by them:-

Best Pinks	7.50	per case.
Kincolith "	2.40	" "
Skookum Cohoes	4.	" "
Best Sockeyes, Soldered Tins	5.75	" "
Kincolith Sockeye talls	5.60	" "

1913 opening prices

The larger packers have named $6. per case for Clover Leaf, Horseshoe or equal, and Evans thinks their Pinks and Cohoes are quoted about the same as above, although Whitehead would not say what their figures were. Whitehead did say however they were quoting independently and would alter their quotations if it suited them.

The American opening prices Evans thought on the 23rd, would be 1.35 for talls and 1.50 for flats but on the 27th they wired that actual figures named were 15¢ per dozen higher. This would make their prices 6.00 per case for talls and 6.60 for 1 lb. flats.

The Puget Sound pack is estimated at 1,750,000 c/s, but Evans says it is

General Notes

29th Aug — reported there will be no ½ lb. flats available for export from there.

The Fraser pack to the 24th inst., was estimated at 550,000 c/s (including Victoria & Esquimalt) and the total for BC at 800,000 cases. The total of ½ flats for BC is about 360,000 c/s and of 1lb talls 225,000 c/s.

Estimated Puget Sound & BC packs

according to the above the Puget Sound pack is only 250,000 greater than in 1909 and the home increase in consumption should absorb this extra quantity. The export sales in 1909 were estimated at 375,000 cases.

The BC pack of ½ flats is estimated at 360,000 c/s, and as no ½ flats are to be had on the Sound for export, prices for this grade are almost certain to advance.

The BC pack of sockeye talls this year is estimated at 225 000 c/s or 37,000 cases less than in 1909. The late run should bring this up material but present prices should be maintained.

General Notes

Replying to Evans letter I confirmed his offer of $2.40 for pink talls against $2.50 for Standard brands, but explained I only did so because he had reported a considerable quantity has already been sold at prices as low as $2.35.

Our selling prices

Cohoes at $4.00 I only confirmed provided they were selling Autumn Leaf and Northern Coast at $4. If they were asking higher figures for their brands they must not sell mine for less than their own.

Sockeye talls I confirmed their price of $5.60 for mine against $6.00 for Clover Leaf, Horseshoe, or Equal, and thought it advisable to make this difference this season owing to the big Fraser pack. Ordinarily I would only consider a 25¢ reduction from those brands. I would not agree however to any difference being made between my goods and "Best Sockeyes, Solder tips, Hand packed" and our "Naas Sockeyes" but said I must get same price as Cassiar, Carlisle Sherman or Fleming

29th Aug

General Notes

Jas Alexander wrote under date of 24th inst., the Great West pack to 23rd inclusive was 5000 c/s 1 lb flats, 7400 c/s ½ lb. flats and 160 c/s talls sockeye and 45 c/s ½ lb flat red springs. They had 8,000 c/s empty 1 lb tall cans but expected to easily fill these with late run fish. In 1909 they packed 9,000 c/s late run sockeye after the 15th September.

Canneries closing down

Port Nelson and Arrandale closed down on Tuesday, since when we have received all their fish. They expect to continue fishing for another week or so to enable their Jap contractors to get even with their men. Walker says the Skeena canners have also all closed down and are delivering their Cohoes to the cold storage companies. Billy Vaughan was in the Camosun this evening and said the Skeena Commercial, North Pacific and B.C. were all fishing and collecting fish for the Prince Rupert cold storage

General Notes

7th Aug

Wilkinson was here to-day and said the people who salted at Simpson last spring packed 300 tierces before their operations were stopped and could easily have packed double that quantity. They were stopped on Richards representation that they were Americans and had brought alien labour into Canada under contract. Richards enmity was occasioned because the men left his hotel to board for themselves in the old H.B. store building There are about 100 fishermen there who could be secured for the fishing and while they would provide their own boats it would be necessary for us to supply the gear. We would also have to tow them occasionally to and from the fishing grounds. The best fishing was around the passage on the short cut to Work Channel and Wilkinson suggested it might not be a bad scheme to have a camp there for the use of fishermen in rainy weather

Simpson

Spring

Salmon

Fishing

He said fishing commenced about 1st May and lasted until 1st July or later and the fishermen would stay with it as long as there was a market for their catch

General Notes

29th Aug

The fish in the early part were smaller than later on but the general average of the ones salted was 30 & 35 lbs. The first of the catch was shipped to Vancouver fresh, and after pickling commenced the fi packing only was done at Simpson; the fish then being sent to the Van. Ice C and repacked there.

Simpson

The biggest days catch would probably be 300 fish and plenty of women wo

Spring Salmon fishing

available for washing. Fresh water could not be had but the Americans had a couple of elevated tierces whic they filled with salt water with a hand pump and found that worked very well.

The prices paid last season were 5¢ per lb. for reds of all sizes and 7½¢ per lb for whites. There are not many of th latter but there are quite a number of small reds especially early in the seas Lord thought they should drop price of reds to but the Indians would be dissatisfied as they know 5¢ is paid in Alaska. W. thin however 2¢ would be acceptable for white

General Notes

9th Aug

At present the Indians are all fishing cohos for the cold storage at Rupert. They were offered by Lord 1st each if he called for them or 3½ each if they delivered them at Rupert They are all working on the latter proposition their gasoline boats taking the catches down. They fish with the small boats or dugouts they use for spring salmon fishing and also with their gasoline boats. With the latter they rig yard arms from the mast and troll one line from each side of the boat and a third from the stern. The fish now being taken are all very small and not like the Naas ones.

Simpson

Cohoe fishing

Cost to Lord

Wilkinson said that coming up the waters of Works Canal were alive with young herring about 4 inches long. He said the best herring fishing at Simpson and thereabouts was from Dec to February. In April, when we were fishing they were not near as good quality.

General Notes

30th Aug

Smoking salmon

In smoking salmon Thor is putting the fish in dry salt and lets it lay there while he rubs salt lightly over it. He then puts it in a tierce for about 9½ hours without any further salting and not pickled. at the end of 9½ hours he rouses the fish in brine to wash off the unabsorbed salt and then puts it in the smokehouse. In smoking he leaves the fires burning continuously so as to give it a steady smok for 48 hours, after which it is ready for use.

1st Sept

Puget Sound opening prices 1913 pack

Opening prices for Puget Sound were announc on 16th August, and were as follows; –

Sockeye talls	$1.50	per. doz	= to $6.00	per case
" flats	1.65	" "	= " 6.60	" "
" ½ "	1.05	" "	= " 8.40	" "
Alaska Red talls	1.15	" "	= " 4.60	" "
" flats	1.30	" "	= " 5.20	" "
" ½ "	90	" "	= " 7.20	" "
Cohoe talls	85	" "	= " 3.40	" "
" flats	1.	" "	= " 4.	" "
" ½ "	.70	" "	= " 5.60	" "
Pinks talls	.65	" "	= " 2.60	" "
" flats	.80	" "	= " 3.20	" "
Chums Talls	.55	" "	= " 2.20	" "

General Notes

3rd Sept — Figured out cost of sanitary tall cans to be as follows, making 18,000 c/s of cans;-

Cost making sanitary cans	Tinplate for body making	$5500. =	30½¢ per case
	Factory made tops & bottoms	5400. =	30¢ " "
	15 Chinamen, 20 days @ 2.50 per day	$750. =	4⅙¢ " "
	1000 lbs Solder @ 27½¢ per lb.	275. =	1½¢ " "
	Oil, fuel, etc, estimated	50. =	⅓¢ " "
	White Labour "	225. =	1¼¢ " "
	Total estimated cost completed cans		67 7/10¢ " "

Above estimated cost includes freight Vancouver to Mill Bay on all supplies.

Versus — The American Can Co offered to sell us 1 lb. tall sanitary cans at 14.70 per M. f.o.b. Vancouver, which is equal to .73½¢ per case.

Freight on cans Van. to Mill Bay, est.	10¢	" "
Total estimated cost factory cans del'd.	83½¢	" "
" " " Mill Bay "	67 7/10	" "
Saving in making our own cans	15 4/5¢	" "

Hand made cans, estimate cost as follows:-

Cost hand made cans.	Tinplate	45¢	per case f.o.b. Mill Bay.
	Solder	23 3/5¢	" " " " "
	Other materials	1¢	" " " " "
	Chinese Labour	10¢	" " " " "
	White Labour, est.	16 2/5¢	" " " " "
	Total estimated cost	96¢	" " " " "
	Mill Bay made sanitary cans	67 7/10	" "
	Estimated saving in cost	28 3/10¢	" "

General Notes

6th Sept

Billy Vaughan when here this morning said that Liddle, of Claxton told him the other day their cold storage was only of 700,000 lbs. capacity. The buildings were of sufficient area to contain a larger quantity but the foundation would not carry a great weight without too great a risk

Claxton Cold Storage Capacity

Evans under date 30th ulto., writes has sold 2050 cases our sockeye talls at $5.60 per case, less 5%, labelled

Evans on market

He also says Bell-Irving are offering their Puget Sound talls in the U.S. at $5.40 per case for talls against the opening price there of $6.00 for talls. In Bl6 Sockeyes Evans reports some small business has been done in Fraser halves at $7.25 to $7.50 and flats at $6. The large packers are very firm in their ideas and say they will not accept less than $7. The large English buyers are holding off on their purchases.

General Notes

6th Sept — Alexander under date 31st ultmo., writes the Great West have sold 700 ℔s 1lb tall sockeyes to Peabody at $5.60 less 2½% unlabelled, and the balance of their ½ flat at $7.40 less 2½% unlabelled. He also said it was reported the Canadian Canl Co sold some ½ flat sockeyes at $7.25 per ℔s.

Great West Sales

The canners were paying 75¢ each for Sockeyes at the time Alexander wrote

11th Sept — Williams was here to-day and said I misunderstood him re issuance of licenses to white fishermen. While nothing official was arranged the idea was that as Skeena & Rivers Inlet had not secured the number of white fishermen they were supposed to have had the number of licenses reserved at those points would not be changed. As 40 applications were received from the Haas they were increasing the reserved licenses here to 50, but the remaining 190 licenses (out of 240 total) would be held for the 4 canneries here. We were thus safe in contracting for 47 cannery boats, besides whatever number of whites we could secure.

Williams re Haas independent fishermen

General Notes

13th Sept — Orders booked to date are as follows;—

6,000 lbs Frozen Oolachans @ 4½¢ per lb fob. Vancouv
for Standard Fisheries Ltd.

50,000 lbs Frozen Halibut @ 6¢ per lb. fob. Vancouver
for Union Fish Co.

1913 orders

310 c/s 1 lb tall Sockeyes @ 5.75 per c/s for Wilson Bro
~~2050~~ " 1 " " " @ ~~5.60~~ " " less ~~5%~~ for ~~ECE~~
Both lots labelled goods.

650 c/s 1 lb. tall Dog Salmon, labelled @ 2.20 less 5% for ECE
650 " 1 " " " " unlabelled @ 2.00 net " BGC
350 " 1 " " " " " @ 1.95 " " "
25 " 1 " " Humpbacks Lily brand ECE
25 " 1 " " " Domino " "
2000 " 1 " " " unlabelled @ 2.30 less 5% 2½ to ECE
200 " 1 " " " " ECE
200 " 1 " " " Lily Brand "
60 " 1 " " " " " "
500 " 1 " " " Domino " @ 2.45 less 5% "
1472 " 1 " " Chums " " @ $2.00 net. "
25 " 1 " " Sockeyes Shamrock "
640 " 1 " " " " "
475 " 1 " " " "
25 " 1 " " " "Shamrock" Stewart & Mobley 6
25 " 1 " " " Protection " 4

General Notes

685¾
Γθ'
1²⁵

	Nanny I	1/20
Fish	.65	.65
Cans	1.01	1.73
Boxes	.22½	.25½
P Boats	.50	.50
W Labour	.40	.40
C Labour	.45	.65
Mess	.15	.15
R & R Bldgs	.10	.10
" Mach	.03	.03
Fuel	.05	.05
Lacquer	.04	.04
Salt	.02	.02
Labels	.11	.11
Deendries	.18	.18
	3.91½	4.86½
Insurance	.05	.05
Interest	.10	.10
Wrt shtl chgs	.25	.25
Van exp	.25	.25
	4.66½	5.51