Biological Results of the Cowichan Bay and Howe Sound Juvenile Salmon Trawl Surveys conducted April to September 2016

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Canadian Data Report of Fisheries and Aquatic Sciences

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Les numéros 1 à 25 de cette série ont été publiés à titre de Records statistiques, Service des pêches et de la mer. Les numéros 26-160 ont été publiés à titre de Rapports statistiques du Service des pêches et de la mer, ministère des Pêches et de l'Environnement. Le nom de la série a été modifié à partir du numéro 161.

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ABSTRACT

Zubkowski, T.B., and King, J.R. 2019. Biological Results of the Cowichan Bay and Howe Sound Juvenile Salmon Trawl Surveys conducted April to September 2016. Can. Data Rep. Fish. Aquat. Sci. 1294: v + 78 p.

From April 19-21, May 14-17, June 21-23, July 21-24, August 25-28, and September 20-23, 2016, juvenile salmon trawl surveys were conducted in Cowichan Bay (including Sansum Narrows) and Howe Sound aboard the *CCGS Neocaligus*. Fishing occurred at pre-determined locations and were repeated during each survey. Four depth strata were sampled during these surveys: surface, 10 m, 20 m, and 30 m headline depths. All juvenile salmon caught were measured. A subsample of 15 specimens per species were collected for biological sampling including DNA, coded wire tags, and if possible, a scale sample. All non-target species were enumerated and recorded. Conductivity and temperature at depth (CTD) casts and zooplankton sampling were conducted at pre-determined locations and repeated each survey for future analysis.

Threespine sticklebacks (*Gasterosteus aculeatus*) were the dominant species in 7 out of 12 location and month combinations. The dominant species in the remaining 5 locations and month combinations were Pacific herring (*Clupea pallasi*), northern anchovy (*Engraulis mordax*), soft sculpins (*Gilbertidia sigalutes*), or chinook salmon *(Oncorhynchus tshawytscha)*. In Cowichan Bay, the greatest abundance of juvenile salmon was caught in May: 633 chum (*Oncorhynchus keta*), 293 chinook, 30 coho *(Oncorhynchus kisutch)*, and 11 sockeye (*Oncorhynchus nerka*). Although, Howe Sound also had a large abundance of juvenile salmon in May, the greatest numerical abundance was captured in August: 366 chinook, 231 coho and 20 sockeye. From May to August 2016, juvenile salmon length frequencies increased in chinook by approximately 55 mm and chum by approximately 120 mm. Other salmon species had fewer samples, so only select months could be analyzed. Juvenile coho salmon showed a bimodal distribution in May, with a primary peak at approximately 105 mm and a secondary peak at 170 mm. Juvenile sockeye lengths averaged 80 mm in May 2016, whereas juvenile pink salmon had an average length of 115 mm in June 2016.

RÉSUMÉ

Zubkowski, T.B., and King, J.R. 2019. Biological Results of the Cowichan Bay and Howe Sound Juvenile Salmon Trawl Surveys conducted April to September 2016. Can. Data Rep. Fish. Aquat. Sci. 1294: v + 78 p.

Des relevés de saumons juvéniles ont été effectués à bord du CCGS Neocaligus avec un chalut dans la baie de Cowichan (y compris le goulot de Sansum) et la baie de Howe le 19-21 avril, 14-17 mai, 21-23 juin, 21-24 juillet, 25-28 août, et le 20-23 septembre. La pêche a eu lieu à des endroits prédéterminés et a été répétée à chaque relevé. Quatre couches de profondeur ont été échantillonnées au cours de ces levés: à la surface, et à une profondeur de 10 m, 20 m et 30 m. Tous les saumons juvéniles capturés ont été mesurés. Un sous-échantillon de 15 spécimens par espèce a été collecté pour l'échantillonnage biologique, y compris l'ADN, des étiquettes codées et, si possible, un échantillon d'écailles. Toutes les espèces non ciblées ont été dénombrées et enregistrées. Des mesures de conductivité et de température en profondeur (CTD) et un échantillonnage de zooplancton ont été réalisés à des emplacements prédéterminés et répétés chaque enquête pour une analyse ultérieure.

Les épinoches à trois épines (*Gasterosteus aculeatus*) étaient les espèces dominantes dans 7 des 12 combinaisons de lieux et de mois. Les espèces dominantes dans les 5 combinaisons de sites et mois restant étaient le hareng du Pacifique (*Clupea pallasi*), l'anchois du Nord (*Engraulis mordax*), les chabots mous (*Gilbertidia sigalutes*) ou le saumon quinnat (*Oncorhynchus tshawytscha*). Dans la baie Cowichan, la plus grande abondance de saumons juvéniles a été capturée en mai: 633 kétas (*Oncorhynchus keta*), 293 quinnats, 30 cohos (*Oncorhynchus kisutch*) et 11 poissons rouges (*Oncorhynchus nerka*). Bien que l'abondance de saumons juvéniles était également élevée dans la baie de Howe en mai, elle était encore plus grande en août: 366 saumons quinnats, 231 saumons cohos et 20 saumons rouges. De mai à août 2016, la fréquence des longueurs de saumon juvénile a augmenté d'environ 55 mm chez le quinnat et d'environ 120 mm chez le kéta. Les échantillons étaient plus faibles pour les autres espèces de saumon, de sorte que seulement certains mois peuvaient être analysés. Les saumons coho juvéniles ont présenté une distribution bimodale en mai, avec un pic primaire à environ 105 mm et un pic secondaire à 170 mm. La longueur moyenne des saumons rouges juvéniles était de 80 mm en mai 2016, tandis que celle du saumon rose juvénile avait une longueur moyenne de 115 mm en juin 2016.

INTRODUCTION

Pacific salmon are a critical part of the ecosystems of British Columbia coastal waters. The abundance of these species has declined dramatically since the 1980's due to changes in ocean conditions, which has resulted in the reduction of commercial fisheries since the late 1990's. This survey has two components: 1) the sampling in Cowichan Bay supports a larger project that investigates underlying mechanisms of the decline in abundance of coho and chinook salmon in the Strait of Georgia, and to make recommendations on actions that can be taken, if any, to improve these stocks; 2) the sampling in Howe Sound is a standalone project that investigates the distribution of several salmon stocks that utilize this body of water prior to the northward migration, out of the Strait of Georgia. Within Howe Sound, salmon from the Squamish River at the northern end of the inlet are utilizing the habitat. It is hypothesized that Fraser River salmon stocks, such as Harrison River sockeye salmon and south Thompson River chinook salmon, also use this body of water prior to the outward northern migration. Understanding the spatial and temporal patterns to stock distribution, and monitoring seasonal ocean conditions can support recommendations on improved survival of these stocks and provide advice linked to changes in the industrialization of the Howe Sound area.

MATERIALS AND METHODS

Juvenile salmon trawl surveys were conducted April 19-21, May 14-17, June 21-23, July 21-24, August 25-28, and September 20-23, 2016, aboard the *CCGS Neocaligus*. The trawl net used was a Cantrawl designed mid-water 3 bridle trawl with a 74 ft. headline length, and a 91 ft. total length. The bridles are 50 ft. length of ½" tenex rope. A3 floats measuring 24" x 19" were placed on the upper wingtips of the net during surface tows to verify the headline is at the surface. The net was connected to 0.70 sq. meter, 70 kg Polar Jupiter high aspect mid-water trawl doors. Tow speed varied between 3.7 and 4.5 knots depending on wind, tide and current. The net opening in April, May, June, and July was approximately 16 m wide by 3 m deep with chain clump weights on the lower wingtips weighing approximately 15 lbs. In August, the chain clump weight was increased to 84 lbs. and the net opening changed to approximately 12 m wide by 6 m deep. A Simrad FS20/25 trawl eye sonar is used in a kite built into the headline of the trawl to monitor headline depth and net opening measurements. Fishing locations were predetermined and selected in order to repeat the stations on each survey. The depths fished, as measured at the headrope, were: surface, 10 m, 20 m and 30 m i.e. the expected depth range of juvenile salmon.

At each trawl location, the net was deployed off the stern of the vessel and the doors were deployed out to 3 marks (150m for surface and 10m depths), 4 marks (200m for 20m depth), and 5 marks (250m for 30m depth) . The tow time began once the doors were stopped at the appropriate mark. The trawl was towed for 15 mins at each station.

Upon completion of the tow, the catch was sorted by species. The juvenile salmon species of chinook *(Oncorhynchus tshawytscha)*, coho *(O. kisutch)*, and sockeye *(O. nerka)* were given an individual tag number (maximum of 15 per species per tow) and were measured for fork length, total length, weight, a tissue sample for DNA analysis was collected, and checked for coded wire tags. If possible a scale sample was taken and the specimens were frozen by species and tow. The remaining samples over the 15 sampled were measured for fork length only. A maximum of 15 pink salmon *(O. gorbuscha)* and chum salmon *(O. keta)* were measured for fork length, total, length and weight, with the remainder measured for fork lengths only. Other non-target species were enumerated and their lengths measured.

At selected locations, a Seabird SBE 19 plus was deployed to within 10 m of the bottom or maximum 150 m, in order to collect conductivity-temperature-depth (CTD) profiles. In addition, bongo nets were deployed vertically using a double frame, 57 cm diameter, 253 µm nets, to within 10 m of the bottom or maximum 150 m. Both of the zooplankton samples collected from the nets were filtered using sieves of 1.7 mm, 1.0 mm and 0.25 mm screens and frozen for future analysis.

RESULTS

Cowichan Bay

April

In April, 5 tows were conducted in Cowichan Bay: 1 at the surface, 2 at 10 m, and 2 at 20 m (Table 1). The dominant species caught were soft sculpins (*Gilbertidia sigalutes*, 68 fish from 5 tows, Table 2). Threespine sticklebacks (*Gasterosteus aculeatus*) were the second dominant species (28 fish from 3 tows, Table 2). Only 1 coho salmon was caught in April in Cowichan Bay (Table 2).

May

In May, 11 tows were conducted in Cowichan Bay: 7 at the surface, and 4 at 10 m (Table 1). The dominant species caught were threespine sticklebacks (942 fish from 9 tows, Table 3). Chum salmon were the second dominant species (633 fish from 11 tows, Table 3). There were 4 of 5 species of salmon caught, chum (633 fish), chinook

(293 fish), coho (30 fish), and sockeye (11 fish) salmon (Table 3). No pink salmon were caught in Cowichan Bay.

June

In June, 7 tows were conducted in Cowichan Bay: 4 at the surface, 2 at 10 m, and 1 at 20 m (Table 1). Chinook salmon were the dominant species caught (92 fish from 7 tows, Table 4). There were 4 of 5 species of salmon caught in Cowichan Bay, pink (73 fish), chum (62 fish), coho (3 fish) salmon, and no sockeye salmon were caught (Table 4).

July

In July, 13 tows were conducted in Cowichan Bay: 6 at the surface, 4 at 10 m, 2 at 20 m, and 1 at 30 m (Table 1). Pacific herring (*Clupea pallasi)* were the dominant species caught (4 and 18 fish in 2 tows, Table 2). There were 3 of 5 species of salmon caught, chum (11 fish), pink (5 fish), and chinook (2 fish) salmon. No coho or sockeye salmon were caught (Table 5).

August

In August, 12 tows were conducted in Cowichan Bay: 7 at the surface, 2 at 10 m, and 3 at 20 m (Table 1). Threespine sticklebacks were the dominant species caught (estimated 596 and 8475 fish in 2 tows, Table 6). Pacific herring were the second dominant species (8475 fish in 1 tow and 4 and 2 fish in 2 other tows, Table 6). Chinook salmon were the dominant salmon caught (53 fish), followed by chum (22 fish), pink (5 fish), and coho (3 fish) salmon. There were no sockeye salmon caught (Table 6).

September

In September, 10 tows were conducted in Cowichan Bay: 7 at the surface, and 3 at 10 m (Table 1). The dominant species captured were threespine sticklebacks (192 fish, Table 7). Pacific herring were the second dominant species (26 fish, Table 7). Only 2 species of salmon were caught, chinook (3 fish) and coho (1 fish) salmon (Table 7).

Howe Sound

April

In April, 16 tows were conducted in Howe Sound: 4 at 10m, 4 at 20m, and 2 at 30m (Table 1). The dominant species captured were threespine sticklebacks (an estimated 18930 fish from 14 tows, Table 2). Pacific herring were the second dominated species (33 fish from 9 tows, Table 2). All five salmon species were captured, however the dominant species across tows were pink (9 fish) and coho (7 fish) salmon. There were

comparable abundances for chum (6 fish), sockeye (5 fish) and chinook (2 fish) salmon (Table 2).

May

In May, 20 tows were conducted in Howe Sound: 14 at the surface, and 6 at 10 m (Table 1). The dominant species caught were threespine stickleback (1486 fish in 13 tows, Table 3). Sockeye salmon were the second dominant species caught (293 fish in 11 tows, Table 3). All 5 species of salmon were captured, chinook (152 fish), coho (35 fish), chum (24 fish), and pink (8 fish) salmon (Table 3). There were also 106 herring caught over 8 tows (Table 3).

June

In June, 18 tows were conducted in Howe Sound: 14 at the surface, 3 at 10 m and 1 at 20 m (Table 1). The dominant species caught were Pacific herring (136 fish in 10 tows, Table 4). All 5 species of salmon were captured, with the highest catch comprised of sockeye salmon (72 fish), followed by chinook (40 fish) salmon. There were also chum (10 fish), coho (3 fish) and pink salmon (1 fish; Table 4).

July

In July, 22 tows were conducted in Howe Sound: 15 at the surface, 4 at 10 m, 1 at 20 m, and 2 at 30 m (Table 1). The dominant species caught were threespine stickleback (estimated 9634 fish in 18 tows, Table 5). The second dominant species caught were northern anchovy (*Engraulis mordax*, 388 fish in 6 tows, Table 5). There were 3 of 5 species of salmon captured, chinook (166 fish), sockeye (8 fish), and chum (1 fish) salmon (Table 5). There were also 133 Pacific herring in 7 tows (Table 5).

August

In August, 20 tows were conducted in Howe Sound: 13 at the surface, 5 at 10 m, and 2 at 20 m (Table 1). The dominant species caught were threespine stickleback (estimated 15605 fish in 14 tows, Table 6). There were significant catches of northern anchovy (316 fish in 2 tows, Table 6). There were 3 of 5 salmon species captured, chinook (366 fish), chum (231 fish), and sockeye (20 fish) salmon (Table 6).

September

In September, 20 tows were conducted in Howe Sound: 19 at the surface, and 1 at 10 m (Table 1). The dominant species caught were northern anchovy (estimated 116053 fish in 3 tows, Table 7). The second dominant species caught were threespine stickleback (estimated 13822 fish in 10 tows, Table 7). There were 3 of 5 species of

salmon captured, chinook (37 fish), sockeye (10 fish), and chum (1 fish) salmon (Table 7).

Length Frequencies

The length frequencies of juvenile chinook salmon increased from May to August 2016 by approximately 55 mm on average (Figure 7). Juvenile coho salmon were found in very small numbers, except in May 2016. The length frequencies in May show a bimodal distribution, with a primary peak at approximately 105 mm and a secondary peak at 170 mm (Figure 8). Juvenile sockeye lengths averaged 80 mm in May 2016 (Figure 9). Juvenile pink salmon had an average length of 115 mm in June 2016, and too few juvenile pink salmon were caught in other months to estimate size (Figure 10). Finally, juvenile chum salmon length frequencies increased approximately 120 mm from May to August in 2016 (Figure 11).

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TABLES

TABLE 1. Bridge Log. Comment symbols are defined at the end of each month of bridge log entries.

Cruise #	Month	Station	Event #	Location	Date	Start Time	End Time	Tow Time	Start Lat	Start Long	End Lat	End Long	Start Depth	End Depth	Net Opening	Head Depth	Warp	Comments
HS201634	APRIL	CB01	001	COWICHAN BAY	19-Apr-16	10:45	11:05	0:20	48.7440	123.5897	48.7540	123.6182	60	39	18X3	20	200	
HS201634	APRIL	CB02	002	COWICHAN BAY	19-Apr-16	12:22	12:45	0:23	48.7425	123.5818	48.7535	123.6163	62	44	16X3	10	150	
HS201634	APRIL	CB03	003	COWICHAN BAY	19-Apr-16	13:08	13:23	0:15	48.7548	123.6068	48.7482	123.5820	50	50	16X3	0	150	
HS201634	APRIL	CB04	004	COWICHAN BAY	19-Apr-16	13:46	14:06	0:20	48.7497	123.5868	48.7582	123.6140	51	39	16x3	10	150	
HS201634	APRIL	CB05	005	COWICHAN BAY	19-Apr-16	15:17	15:35	0:18	48.7548	123.6070	48.7472	123.5823	51	54	18x3	20	200	
HS201634	APRIL	HW01	006	HOWE SOUND-APODACA	20-Apr-16	13:13	13:28	0:15	49.3478	123.3413	49.3618	123.3282	103	210	16X3	0	150	
HS201634	APRIL	HW02	007	HOWE SOUND-APODACA	20-Apr-16	13:51	14:06	0:15	49.3507	123.3385	49.3383	123.3513	69	215	18X3	10	150	
HS201634	APRIL	HW03	008	HOWE SOUND-APODACA	20-Apr-16	14:25	14:40	0:15	49.3455	123.3448	49.3572	123.3290	70	215	18X3	20	200	
HS201634	APRIL	HW04	009	HOWE SOUND-APODACA	20-Apr-16	15:03	15:22	0:19	49.3470	123.3403	49.3343	123.3533	70	255	18X3.5	30	250	
HS201634	APRIL	HW05	010	HOWE SOUND-QUEEN CHARLOTTE CH	20-Apr-16	16:17	16:32	0:15	49.4040	123.3093	49.4232	123.3048	55	245	16X3	0	150	
HS201634	APRIL	HW06	011	HOWE SOUND-SMUGGLERS COVE	20-Apr-16	17:03	17:19	0:16	49.4167	123.3408	49.4122	123.3678	124	129	16X4	0	150	
HS201634	APRIL	HW07	012	HOWE SOUND-KEATS ISLAND	21-Apr-16	07:49	08:03	0:14	49.4092	123.4415	49.3970	123.4260	25	139	16X4	0	150	
HS201634	APRIL	HW08	013	HOWE SOUND-KEATS ISLAND	21-Apr-16	08:25	08:41	0:16	49.4073	123.4358	49.4133	123.4577	28	93	16X3	10	150	
HS201634	APRIL	HW09	014	HOWE SOUND-N SIDE OF BOWEN IS	21-Apr-16	09:21	09:35	0:14	49.3870	123.4088	49.3758	123.4252	52	103	16X3	0	150	
HS201634	APRIL	HW10	015	HOWE SOUND-N SIDE OF BOWEN IS	21-Apr-16	10:05	10:20	0:15	49.3855	123.4122	49.3735	123.4283	71	104	18X4	20	200	
HS201634	APRIL	HW11	016	HOWE SOUND-E OF HOPE PT	21-Apr-16	11:55	12:10	0:15	49.4393	123.3407	49.4290	123.3620	110	100	18X4	0	150	
HS201634	APRIL	HW12	017	HOWE SOUND-E OF HOPE PT	21-Apr-16	12:43	12:59	0:16	49.4413	123.3342	49.4288	123.3625	53	111	18X4	30	250	
HS201634	APRIL	HW13	018	HOWE SOUND-DOUGLAS BAY	21-Apr-16	14:10	14:25	0:15	49.5150	123.3495	49.4997	123.3305	79	182	16X4	0	150	
HS201634	APRIL	HW14	019	HOWE SOUND-McNABB CREEK	21-Apr-16	15:19	15:35	0:16	49.5538	123.3965	49.5437	123.4205	120	133	16X4	0	150	
HS201634	APRIL	HW15	020	HOWE SOUND-CAMP LATONA	21-Apr-16	16:03	16:19	0:16	49.5273	123.4060	49.5247	123.4338	119	181	16X3	0	150	
HS201634	APRIL	HW16	021	HOWE SOUND-MANNION CREEK	21-Apr-16	17:04	17:18	0:14	49.4613	123.4572	49.4467	123.4452	127	64	16X3	0	150	
HS201635	MAY	CB01	001	SANSUM NARROWS	14-May-16	11:34	11:49	0:15	48.7650	123.5753	48.7485	123.5632				0	150	
HS201635	MAY	CB02	002	SANSUM NARROWS-MIDDLE	14-May-16	13:28	13:44	0:16	48.7540	123.5665	48.7352	123.5490			17X3	0	150	
HS201635	MAY	CB03	003	SANSUM NARROWS-COW BAY SIDE	14-May-16	14:12	14:28	0:16	48.7423	123.5617	48.7570	123.5700	106	90		0	150	
HS201635	MAY	CB04	004	SANSUM NARROWS-SALTSPRING SIDE	14-May-16			TOW	CANCELLED									*
HS201635	MAY	CB04	005	SANSUM NARROWS-BONGO 90M	14-May-16	15:28			48.7413	123.5578			106					
HS201635	MAY	CB04	006	SANSUM NARROWS-CTD 95M	14-May-16	15:45			48.7388	123.5570			103					
HS201635	MAY	CB05	007	SANSUM NARROWS-SALTSPRING SIDE	14-May-16	16:08	16:23	0:15	48.7468	123.5533	48.7600	123.5677	77	50	16X3	0	150	
HS201635	MAY	CB06	008	SANSUM NARROWS-MIDDLE CH-DEEPER	14-May-16	16:44	17:00	0:16	48.7563	123.5677	48.7387	123.5542	94	137	16X3	10	150	
HS201635	MAY	CB07	009	COWICHAN BAY-MIDDLE CH	15-May-16	06:54	07:10	0:16	48.7513	123.6117	48.7417	123.5857	51	63	15X4	0	150	
HS201635	MAY	CB08	010	COWICHAN BAY-MIDDLE CH	15-May-16	08:21	08:36	0:15	48.7510	123.6115	48.7435	123.5900	51	60	16X3	10	150	
HS201635	MAY	CB08	011	COWICHAN BAY-MIDDLE CH-CTD 60M	15-May-16	08:50	08:58	0:08	48.7425	123.5842			63					

TABLE 1. Bridge Log continued

Cruise #	Month	Station	Event #	Location	Date	Start Time	End Time	Tow Time	Start Lat	Start Long	End Lat	End Long	Start Depth	End Depth	Net Opening	Head Depth	Warp	Comments
HS201635	MAY	CB08	012	COWICHAN BAY-MIDDLE CH-BONGO 55M	15-May-16	09:00	09:05	0:05	48.7423	123.5838			63					
HS201635	MAY	CB09	013	COWICHAN BAY-FAR SIDE SHORE	15-May-16	09:35	09:50	0:15	48.7563	123.6110	48.7473	123.5845	47	53	16X3	0	150	
HS201635	MAY	CB10	014	COWICHAN BAY-FAR SIDE SHORE	15-May-16	10:48	11:03	0:15	48.7563	123.6112	48.7483	123.5883	47	54	16X3	10	150	
HS201635	MAY	CB11	015	COWICHAN BAY-GENOA BAY	15-May-16	12:11	12:26	0:15	48.7538	123.5900	48.7395	123.5692	24	53	16X3	0	150	
HS201635	MAY	CB12	016	COWICHAN BAY-GENOA BAY	15-May-16	13:09	13:24	0:15	48.7540	123.5910	48.7407	123.5723	24	77	16X3	10	150	
HS201635	MAY	HW01	017	APODACA PT-HOWE SOUND	16-May-16	07:03	07:18	0:15	49.3513	123.3377	49.3365	123.3562	78	88	16X4	0	150	
HS201635	MAY	HW02	018	APODACA PT-HOWE SOUND	16-May-16	08:39	08:54	0:15	49.3398	123.3447	49.3602	123.3305	155	156	16X3	10	150	
HS201635	MAY	HW02	019	APODACA PT-HOWE SOUND-BONGO 150M	16-May-16	09:11			49.3652	123.3245			224					
HS201635	MAY	HW02	020	APODACA PT-HOWE SOUND-CTD 150M	16-May-16	09:29			49.3647	123.3232			228					
HS201635	MAY	HW03	021	BLUFF CREEK-HOWE SOUND	16-May-16	10:01	10:16	0:15	49.4005	123.3118	49.4193	123.3042	128	152	15X4	0	150	
HS201635	MAY	HW04	022	SMUGGLERS COVE-HOWE SOUND	16-May-16	11:59	12:15	0:16	49.4165	123.3318	49.4148	123.3597	105	116	16X3	10	150	
HS201635	MAY	HW05	023	HOPE PT-HOWE SOUND	16-May-16	12:46	13:01	0:15	49.4378	123.3445	49.4288	123.3692	76	52	16X4	0	150	
HS201635	MAY	HW06	024	HOPE PT-HOWE SOUND	16-May-16	13:21	13:37	0:16	49.4300	123.3602	49.4397	123.3387	77	119	16X3	10	150	
HS201635	MAY	HW06	025	HOPE PT-HOWE SOUND-BONGO 150M	16-May-16	13:50			49.4383	123.3378			171					
HS201635	MAY	HW06	026	HOPE PT-HOWE SOUND-CTD 150M	16-May-16	14:06			49.4383	123.3383			158					
HS201635	MAY	HW07	027	BRIGADE BAY-HOWE SOUND	16-May-16	14:45	15:00	0:15	49.4712	123.3143	49.4877	123.3278	157	168	16X3	0	150	
HS201635	MAY	HW08	028	LOGGERS CREEK-HOWE SOUND	16-May-16	15:43	15:59	0:16	49.4848	123.2527	49.5063	123.2633	233	213	16X4	0	150	
HS201635	MAY	HW09	029	BRUNSWICK PT-HOWE SOUND	16-May-16	16:22	16:38	0:16	49.5315	123.2595	49.5492	123.2472	185	127	16X4	0	150	
HS201635	MAY	HW09	030	BRUNSWICK PT-HOWE SOUND-CTD 55M	16-May-16	16:53			49.5533	123.2513			59					
HS201635	MAY	HW09	031	BRUNSWICK PT-HOWE SOUND-BONGO 50M	16-May-16	16:57			49.5535	123.2508			55					
HS201635	MAY	HW10	032	OLIVERS LANDING-HOWE SOUND	17-May-16	07:08	07:23	0:15	49.5908	123.2292	49.6095	123.2213	161	193	16X4	0	150	
HS201635	MAY	HW11	033	WATTS PT-HOWE SOUND	17-May-16	07:49	08:04	0:15	49.6328	123.2165	49.6480	123.2292	139	112	16X3	10	150	
HS201635	MAY	HW11	034	WATTS PT-HOWE SOUND-CTD 150M	17-May-16	08:21			49.6480	123.2332			223					
HS201635	MAY	HW11	035	WATTS PT-HOWE SOUND-BONGO 150M	17-May-16	08:32			49.6460	123.2343			225					
HS201635	MAY	HW12	036	WATTS PT-CENTER CH	17-May-16	08:59	09:15	0:16	49.6437	123.2423	49.6242	123.2298	231	260	16X3	0	150	
HS201635	MAY	HW13	037	FOULGER CREEK-HOWE SOUND	17-May-16	09:42	09:57	0:15	49.6270	123.2493	49.6467	123.2577	257	185	16X3	0	150	
HS201635	MAY	HW14	038	FOULGER CREEK-HOWE SOUND	17-May-16	10:51	11:07	0:16	49.6315	123.2507	49.6135	123.2473	255	77	16X3	10	150	
HS201635	MAY	HW15	039	ELLESMERE CREEK-HOWE SOUND	17-May-16	12:07	12:22	0:15	49.5960	123.2587	49.5810	123.2740	135	130	16X3	0	150	
HS201635	MAY	HW16	040	ELLESMERE CREEK-HOWE SOUND-CENTER CH	17-May-16	12:46	13:02	0:16	49.5767	123.2570	49.5940	123.2452	284		16X3	10	150	
HS201635	MAY	HW17	041	EAST ANVIL ISLAND-HOWE SOUND	17-May-16	13:52	14:07	0:15	49.5325	123.2887	49.5522	123.2902	66	161	16X3	0	150	
HS201635	MAY	HW18	042	WEST ANVIL ISLAND-HOWE SOUND	17-May-16	14:40	14:55	0:15	49.5463	123.3247	49.5270	123.3280	206	218	16X3	0	150	
HS201635	MAY	HW19	043	MCNABB CREEK-HOWE SOUND	17-May-16	15:30	15:45	0:15	49.5523	123.3993	49.5425	123.4228	118	167	16X3	0	150	

TABLE 1. Bridge Log continued

Cruise #	Month	Station	Event #	Location	Date	Start Time	End Time	Tow Time	Start Lat	Start Long	End Lat	End Long	Start Depth	End Depth	Net Opening	Head Depth	Warp	Comments
HS201635	MAY	HW19	044	MCNABB CREEK-HOWE SOUND-CTD 150M	17-May-16	15:59			49.5383	123.4262			231					
HS201635	MAY	HW19	045	MCNABB CREEK-HOWE SOUND-BONGO 150M	17-May-16	16:09			49.5382	123.4262			231					
HS201635	MAY	HW20	046	THORNBROUGH CH-HOWE SOUND	17-May-16	16:34	16:49	0:15	49.5272	123.4282	49.5132	123.4450	75	189	16X3	0	150	
HS201636	JUNE	CB01	001	COWICHAN BAY-CENTER CH	21-Jun-16	07:39	07:54	0:15	48.7520	123.6105	48.7448	123.5835	52	58	16X3	0	150	
HS201636	JUNE	CB02	002	COWICHAN BAY-CENTER CH	21-Jun-16	08:30	08:45	0:15	48.7523	123.6122	48.7470	123.5883	50	55	16X3	10	150	
HS201636	JUNE	CB02	003	COWICHAN BAY-CENTER CH-CTD 50M	21-Jun-16	08:58			48.7452	123.5825			56					
HS201636	JUNE	CB02	004	COWICHAN BAY-CENTER CH-BONGO 50M	21-Jun-16	09:03			48.7448	123.5818			57					
HS201636	JUNE	CB03	005	COWICHAN BAY-SKINNER BLUFF	21-Jun-16	09:39	09:54	0:15	48.7543	123.6087	48.7470	123.5843	50	53	16X3	0	150	
HS201636	JUNE	CB04	006	COWICHAN BAY-SKINNER BLUFF	21-Jun-16	10:30	10:46	0:16	48.7538	123.6057	48.7457	123.5832	51	55	17X3	20	200	
HS201636	JUNE	CB05	007	COWICHAN BAY-SEPARATION PT	21-Jun-16	11:16	11:31	0:15	48.7492	123.5843	48.7375	123.5667	49	74	16X4	0	150	
HS201636	JUNE	CB06	008	COWICHAN BAY-MUSGRAVE ROCK	21-Jun-16	12:25	12:40	0:15	48.7398	123.5417	48.7288	123.5232	48	71	16X3	0	150	
HS201636	JUNE	CB07	009	COWICHAN BAY-MUSGRAVE ROCK	21-Jun-16	13:06	13:23	0:17	48.7402	123.5425	48.7293	123.5253	49	66	16X3	10	150	
HS201636	JUNE	HW01	010	HOWE SOUND-APODACA PT	22-Jun-16	07:27	07:44	0:17	49.3537	123.3362	49.3353	123.3553	63	180	16X4	0	150	
HS201636	JUNE	HW02	011	HOWE SOUND-APODACA PT	22-Jun-16	08:02	08:17	0:15	49.3383	123.3543	49.3515	123.3375	102	86	16X3	10	150	
HS201636	JUNE	HW02	012	HOWE SOUND-APODACA PT-CTD 150M	22-Jun-16	08:35			49.3657	123.3237			225					
HS201636	JUNE	HW02	013	HOWE SOUND-APODACA PT-BONGO 150M	22-Jun-16	08:45			49.3650	123.3248			225					
HS201636	JUNE	HW03	014	HOWE SOUND-BLUFF CREEK	22-Jun-16	09:15	09:30	0:15	49.3993	123.3123	49.4187	123.3063	193	62	16X3	0	150	
HS201636	JUNE	HW04	015	HOWE SOUND-SMUGGLERS COVE	22-Jun-16	09:51	10:06	0:15	49.4163	123.3317	49.4150	123.3615	90	159	16X3	0	150	
HS201636	JUNE	HW05	016	HOWE SOUND-COLLINGWOOD CH	22-Jun-16	10:31	10:47	0:16	49.3995	123.3903	49.3862	123.4103	60	61	16X3	0	150	
HS201636	JUNE	HW06	017	HOWE SOUND-HOPE PT	22-Jun-16	15:45	16:00	0:15	49.4340	123.3520	49.4432	123.3275	143	193	16X3	0	150	
HS201636	JUNE	HW07	018	HOWE SOUND-BRIGADE BAY-CTD 60M	22-Jun-16	16:22			49.4655	123.3128			74					
HS201636	JUNE	HW07	019	HOWE SOUND-BRIGADE BAY-BONGO 60M	22-Jun-16	16:27			49.4662	123.3127			71					
HS201636	JUNE	HW07	020	HOWE SOUND-BRIGADE BAY	22-Jun-16	16:41	16:57	0:16	49.4725	123.3158	49.4895	123.3280	123	153	16X3	0	150	
HS201636	JUNE	HW08	021	HOWE SOUND-BRUNSWICK PT	22-Jun-16	17:34	17:49	0:15	49.5310	123.2585	49.5483	123.2472	149	130	16X3	0	150	
HS201636	JUNE	HW08	022	HOWE SOUND-BRUNSWICK PT-CTD 90M	22-Jun-16	18:20			49.5508	123.2492			94					
HS201636	JUNE	HW08	023	HOWE SOUND-BRUNSWICK PT-BONGO 70M	22-Jun-16	18:25			49.5513	123.2482			82					
HS201636	JUNE	HW09	024	HOWE SOUND-OLIVERS LANDING	23-Jun-16	07:41	07:56	0:15	49.5905	123.2272	49.6093	123.2203	132	174	16X4	0	150	
HS201636	JUNE	HW10	025	HOWE SOUND-WATTS PT	23-Jun-16	08:21	08:36	0:15	49.6307	123.2140	49.6450	123.2253	116	147	18X3	10	150	
HS201636	JUNE	HW10	026	HOWE SOUND-WATTS PT-CTD 150M	23-Jun-16	08:49			49.6460	123.2335			225					
HS201636	JUNE	HW10	027	HOWE SOUND-WATTS PT-BONGO 150M	23-Jun-16	09:00			49.6435	123.2340			225					
HS201636	JUNE	HW11	028	HOWE SOUND-WATTS PT-CENTER CH	23-Jun-16	09:25	09:40	0:15	49.6445	123.2412	49.6288	123.2335	231	258	18X3	20	200	
HS201636	JUNE	HW12	029	HOWE SOUND-FOULGER CREEK	23-Jun-16	10:05	10:20	0:15	49.6290	123.2503	49.6463	123.2542	240	238	16X3	0	150	

TABLE 1. Bridge Log continued

Cruise #	Month	Station	Event #	Location	Date	Start Time	End Time	Tow Time	Start Lat	Start Long	End Lat	End Long	Start Depth	End Depth	Net Opening	Head Depth	Warp	Comments
HS201636	JUNE	HW13	030	HOWE SOUND-ELLESMERE CREEK	23-Jun-16	10:59	11:14	0:15	49.5972	123.2580	49.5800	123.2732	140	118	16X3	0	150	
HS201636	JUNE	HW14	031	HOWE SOUND-ELLESMERE CREEK-CENTER CH	23-Jun-16	12:07	12:22	0:15	49.5763	123.2515	49.5933	123.2463	280	283	16X3	10	150	
HS201636	JUNE	HW15	032	HOWE SOUND-EAST ANVIL ISLAND	23-Jun-16	13:07	13:22	0:15	49.5337	123.2895	49.5510	123.2980	28	161	16X3	0	150	
HS201636	JUNE	HW16	033	HOWE SOUND-WEST ANVIL ISLAND	23-Jun-16	13:52	14:07	0:15	49.5425	123.3247	49.5242	123.3265	203	217	16X3	0	150	
HS201636	JUNE	HW17	034	HOWE SOUND-NW GAMBIER ISLAND	23-Jun-16	14:38	14:53	0:15	49.5023	123.3392	49.5183	123.3518	84	139	16X3	0	150	
HS201636	JUNE	HW18	035	HOWE SOUND-MCNABB CREEK	23-Jun-16	15:27	15:43	0:16	49.5547	123.3935	49.5445	123.4197	121	106	16X3	0	150	
HS201636	JUNE	HW18	036	HOWE SOUND-MCNABB CREEK-CTD 150M	23-Jun-16	15:56			49.5432	123.4197			193					
HS201636	JUNE	HW18	037	HOWE SOUND-MCNABB CREEK-BONGO 150M	23-Jun-16	16:05			49.5435	123.4185			195					
HS201637	JULY	CB01	001	COWICHAN BAY-CENTER CH	21-Jul-16	14:16	14:32	0:16	48.7285	123.5458	48.7142	123.5322	89	81	16X3	0	150	*
HS201637	JULY	CB02	002	COWICHAN BAY-CENTER CH	21-Jul-16	14:54	15:09	0:15			48.7348	123.5475	91	143	16X3	0	150	*
HS201637	JULY	CB03	003	COWICHAN BAY-SANSUM NARROWS CENTER CH	21-Jul-16	15:32	15:44	0:12	48.7520	123.5635	48.7698	123.5717	92	63	16X3	0	150	
HS201637	JULY	CB04	004	COWICHAN BAY-SANSUM NARROWS CENTER CH	21-Jul-16	16:14	16:29	0:15	48.7667	123.5735	48.7555	123.5683	75	98	16X3	10	150	
HS201637	JULY	CB05	005	COWICHAN BAY-SANSUM NARROWS VI SIDE	21-Jul-16	16:50	17:06	0:16	48.7583	123.5720	48.7447	123.5637	82	99	16X3	0	150	
HS201637	JULY	CB06	006	COWICHAN BAY-SHORELINE	22-Jul-16	07:24	07:41	0:17	48.7527	123.6083	48.7428	123.5763	53	63	16X3	0	150	
HS201637	JULY	CB07	007	COWICHAN BAY-SHORELINE	22-Jul-16	08:19	08:35	0:16	48.7527	123.6023	48.7438	123.5793	56	59	16X3	20	200	
HS201637	JULY	CB08	008	COWICHAN BAY-CENTER CH	22-Jul-16	09:12	09:28	0:16	48.7498	123.6100	48.7415	123.5848	52	63	16X3	10	150	
HS201637	JULY	CB09	009	COWICHAN BAY-CENTER CH	22-Jul-16	09:59	10:16	0:17	48.7493	123.6090	48.7415	123.5828	52	63	16X4	30	250	▲
HS201637	JULY	CB09	010	COWICHAN BAY-CENTER CH-CTD 60M	22-Jul-16	10:32			48.7390	123.5768			67					
HS201637	JULY	CB09	011	COWICHAN BAY-CENTER CH-BONGO 60M	22-Jul-16	10:38			48.7387	123.5768			66					
HS201637	JULY	CB10	012	COWICHAN BAY-SANSUM NARROWS-VI SIDE	22-Jul-16	11:11	11:26	0:15	48.7515	123.5680	48.7327	123.5545	101	59	16X3	10	150	
HS201637	JULY	CB11	013	COWICHAN BAY-MUSGRAVE ROCK	22-Jul-16	12:31	12:47	0:16	48.7362	123.5375	48.7243	123.5180	62	58	16X3	0	150	
HS201637	JULY	CB12	014	COWICHAN BAY-CAPE KEPPEL	22-Jul-16	13:09	13:25	0:16	48.7240	123.5173	48.7122	123.5015	58	64	16X3	20	200	
HS201637	JULY	CB13	015	COWICHAN BAY-CAPE KEPPEL	22-Jul-16	13:44	14:01	0:17	48.7095	123.4852	48.7167	123.4608	85	100	16X3	10	150	
HS201637	JULY	HW01	016	HOWE SOUND-APODACA PT	23-Jul-16	07:47	08:02	0:15	49.3483	123.3408	49.3333	123.3598	121	111	15X4	0	150	
HS201637	JULY	HW02	017	HOWE SOUND-APODACA PT	23-Jul-16	08:27	08:42	0:15	49.3358	123.3548	49.3497	123.3387	149	126	16X3	10	150	
HS201637	JULY	HW02	018	HOWE SOUND-APODACA PT-CTD 150M	23-Jul-16	09:01			49.3652	123.3238			220					
HS201637	JULY	HW02	019	HOWE SOUND-APODACA PT-BONGO 150M	23-Jul-16	09:08			49.3648	123.3230			220					
HS201637	JULY	HW03	020	HOWE SOUND-MILLERS LANDING	23-Jul-16	09:43	09:59	0:16	49.4015	123.3103	49.4205	123.3025	90	240	16X3	0	150	
HS201637	JULY	HW04	021	HOWE SOUND-SMUGGLERS COVE	23-Jul-16	10:21	10:36	0:15	49.4197	123.3248	49.4168	123.3535	197	175	16X3	0	150	
HS201637	JULY	HW05	022	HOWE SOUND-W SIDE OF BOWEN IS	23-Jul-16	11:17	11:32	0:15	49.3833	123.4163	49.3688	123.4345	102	112	16X3	0	150	
HS201637	JULY	HW06	023	HOWE SOUND-HOPE PT	23-Jul-16	12:35	12:50	0:15	49.4402	123.3348	49.4297	123.3582	218	168	16X3	0	150	
HS201637	JULY	HW07	024	HOWE SOUND-HOPE PT	23-Jul-16	13:13	13:28	0:15	49.4263	123.3660	49.4363	123.3438	147	113	17X3	20	200	

TABLE 1. Bridge Log continued

Cruise #	Month	Station	Event #	Location	Date	Start Time	End Time	Tow Time	Start Lat	Start Long	End Lat	End Long	Start Depth	End Depth	Net Opening	Head Depth	Warp	Comments
HS201637	JULY	HW07	025	HOWE SOUND-HOPE PT-CTD 150M	23-Jul-16	13:44			49.4387	123.3357			205					
HS201637	JULY	HW07	026	HOWE SOUND-HOPE PT-BONGO 150M	23-Jul-16	13:51			49.4388	123.3345			220					
HS201637	JULY	HW08	027	HOWE SOUND-E SIDE GAMBIER IS	23-Jul-16	14:26	14:41	0:15	49.4667	123.3122	49.4848	123.3217	200	235	15X4	0	150	
HS201637	JULY	HW09	028	HOWE SOUND-DOUGLAS BAY	23-Jul-16	15:03	15:18	0:15	49.5103	123.3388	49.5193	123.3523	167	125	16X3	30	250	
HS201637	JULY	HW10	029	HOWE SOUND-LOGGERS CREEK	23-Jul-16	16:15	16:30	0:15	49.4840	123.2528	49.5020	123.2598	220	225	16X4	0	150	
HS201637	JULY	HW11	030	HOWE SOUND-BRUNSWICK PT	23-Jul-16	16:54	17:10	0:16	49.5325	123.2593	49.5482	123.2493	185	135	16X3	10	150	
HS201637	JULY	HW11	031	HOWE SOUND-BRUNSWICK PT-CTD 40M	23-Jul-16	17:22			49.5527	123.2498			50					
HS201637	JULY	HW11	032	HOWE SOUND-BRUNSWICK PT-BONGO 40M	23-Jul-16	17:27			49.5527	123.2498			50					
HS201637	JULY	HW12	033	HOWE SOUND-FURRY CREEK	24-Jul-16	07:37	07:52	0:15	49.5947	123.2270	49.6138	123.2193	181	200	16X3	0	150	
HS201637	JULY	HW13	034	HOWE SOUND-WATTS PT	24-Jul-16	08:15	08:30	0:15	49.6317	123.2185	49.6493	123.2343	241	220	15X4	0	150	
HS201637	JULY	HW13	035	HOWE SOUND-WATTS PT-CTD 150M	24-Jul-16	08:48			49.6453	123.2337			227					
HS201637	JULY	HW13	036	HOWE SOUND-WATTS PT-BONGO 150M	24-Jul-16	08:57			49.6445	123.2337			231					
HS201637	JULY	HW14	037	HOWE SOUND-WATTS PT-MIDDLE CHANNEL	24-Jul-16	09:25	09:41	0:16	49.6432	123.2383	49.6272	123.2318	230	259	16X4	30	250	
HS201637	JULY	HW15	038	HOWE SOUND-FOULGER CREEK	24-Jul-16	10:14	10:29	0:15	49.6452	123.2565	49.6263	123.2478	235	133	16X4	0	150	
HS201637	JULY	HW16	039	HOWE SOUND-FOULGER CREEK	24-Jul-16	10:49	11:05	0:16	49.6280	123.2488	49.6455	123.2552	257	239	16X3	10	150	
HS201637	JULY	HW17	040	HOWE SOUND-FURRY CREEK-CENTER CH	24-Jul-16	12:12	12:16	0:04	49.5980	123.2412	49.5937	123.2430	280	280		0	150	#
HS201637	JULY	HW18	041	HOWE SOUND-ELLESMERE CREEK	24-Jul-16	12:41	12:56	0:15	49.5972	123.2557	49.5795	123.2680	200	114	16X3	0	150	
HS201637	JULY	HW19	042	HOWE SOUND-EAST SIDE ANVIL IS	24-Jul-16	13:34	13:49	0:15	49.5347	123.2882	49.5545	123.2900	107	160	16X3	0	150	
HS201637	JULY	HW20	043	HOWE SOUND-WEST SIDE ANVIL IS	24-Jul-16	14:15	14:30	0:15	49.5490	123.3263	49.5300	123.3348	204	222	16X3	0	150	
HS201637	JULY	HW21	044	HOWE SOUND-MCNABB CREEK	24-Jul-16	15:04	15:19	0:15	49.5525	123.3967	49.5412	123.4242	151	200	16X3	0	150	
HS201637	JULY	HW22	045	HOWE SOUND-MCNABB CREEK	24-Jul-16	15:51	16:07	0:16	49.5530	123.3950	49.5445	123.4188	149	143	16X3	10	150	
HS201637	JULY	HW22	046	HOWE SOUND-MCNABB CREEK 150M	24-Jul-16	16:20			49.5382	123.4252			230					
HS201637	JULY	HW22	047	HOWE SOUND-MCNABB CREEK 150M	24-Jul-16	16:30			49.5375	123.4268			230					
			*	FAMILARIZATION TOW FOR KEITH FRY														
			▲	ADDED MORE CHAIN CLUMP WT														
			#	TOW ABORTED-SAILBOAT RACE AROUND US														
HS201638	AUGUST	CB01	001	SANSUM NARROWS-CENTER CH	25-Aug-16	13:15	13:30	0:15	48.7612	123.5710	48.7453	123.5610	53	107	12X6	0	150	>
HS201638	AUGUST	CB02	002	SANSUM NARROWS-CENTER CH	25-Aug-16	14:08	14:23	0:15	48.7603	123.5698	48.7455	123.5573	65	80	13X5	10	150	>
HS201638	AUGUST	CB03	003	SANSUM NARROWS-MUSGRAVE PT	25-Aug-16	15:03	15:19	0:16	48.7582	123.5638	48.7440	123.5510	31	60	12X6	0	150	>
HS201638	AUGUST	CB04	004	SANSUM NARROWS-SPRARATION PT	25-Aug-16	15:51	16:06	0:15	48.7613	123.5752	48.7440	123.5638	63	96	12X6	0	150	>
HS201638	AUGUST	CB05	005	SANSUM NARROWS-SPRARATION PT	25-Aug-16	16:39	16:54	0:15	48.7602	123.5753	48.7432	123.5653	52	50	13X5	20	200	>
HS201638	AUGUST	CB06	006	COWICHAN BAY-CENTER CH	26-Aug-16	07:24	07:39	0:15	48.7515	123.6122	48.7438	123.5933	49	57	12X6	0	150	>

TABLE 1. Bridge Log continued

Cruise #	Month	Station	Event #	Location	Date	Start Time	End Time	Tow Time	Start Lat	Start Long	End Lat	End Long	Start Depth	End Depth	Net Opening	Head Depth	Warp	Comments
HS201638	AUGUST	CB07	007	COWICHAN BAY-CENTER CH	26-Aug-16	08:09	08:24	0:15	48.7505	123.6117	48.7440	123.5927	50	58	13X5	20	200	>
HS201638	AUGUST	CB07	008	COWICHAN BAY-CENTER CH-CTD 55M	26-Aug-16	08:37			48.7423	123.5875			61					
HS201638	AUGUST	CB07	009	COWICHAN BAY-CENTER CH-BONGO 55M	26-Aug-16	08:42			48.7423	123.5875			61					
HS201638	AUGUST	CB08	010	COWICHAN BAY-SKINNER PT	26-Aug-16	09:19	09:34	0:15	48.7542	123.6057	48.7472	123.5868	52	54	13X6	0	150	>
HS201638	AUGUST	CB09	011	COWICHAN BAY-TOWNSIDE	26-Aug-16	10:04	10:19	0:15	48.7435	123.6103	48.7375	123.5902	43	47	13X6	0	150	>
HS201638	AUGUST	CB10	012	COWICHAN BAY-CHERRY PT	26-Aug-16	10:40	10:55	0:15	48.7337	123.5800	48.7248	123.5628	47	52	12X6	10	150	>
HS201638	AUGUST	CB11	013	COWICHAN BAY-MUSGRAVE RK	26-Aug-16	11:51	12:06	0:15	48.7358	123.5363	48.7277	123.5222	63	67	12X6	0	150	>
HS201638	AUGUST	CB12	014	COWICHAN BAY-CENTER CH	26-Aug-16	12:28	12:43	0:15	48.7305	123.5420	48.7415	123.5575	93	108	13X5	20	200	>
HS201638	AUGUST	CB12	015	COWICHAN BAY-CENTER CH-CTD 70M	26-Aug-16	13:07			48.7257	123.5333			74					
HS201638	AUGUST	CB12	016	COWICHAN BAY-CENTER CH-BONGO 70M	26-Aug-16	13:12			48.7270	123.5343			74					
HS201638	AUGUST	HW01	017	HOWE SOUND-W SIDE BOWEN IS	27-Aug-16	07:46	08:01	0:15	49.3893	123.4055	49.3793	123.4207	58	111	12X6	0	150	>
HS201638	AUGUST	HW02	018	HOWE SOUND-SMUGGLERS COVE	27-Aug-16	08:51	09:06	0:15	49.4167	123.3347	49.4168	123.3568	130	188	12X6	0	150	>
HS201638	AUGUST	HW03	019	HOWE SOUND-APODACA PT	27-Aug-16	10:14	10:29	0:15	49.3445	123.3463	49.3562	123.3302	84	197	14X7	0	150	>
HS201638	AUGUST	HW03	020	HOWE SOUND-APODACA PT-CTD 150M	27-Aug-16	10:46			49.3620	123.3253			220					
HS201638	AUGUST	HW03	021	HOWE SOUND-APODACA PT-BONGO 150M	27-Aug-16	10:56			49.3632	123.3232			230					
HS201638	AUGUST	HW04	022	HOWE SOUND-MILLERS LANDING	27-Aug-16	11:56	12:11	0:15	49.3987	123.3122	49.4127	123.3045	210	107	13X5	10	150	>
HS201638	AUGUST	HW05	023	HOWE SOUND-HOPE PT	27-Aug-16	12:48	13:03	0:15	49.4338	123.3522	49.4413	123.3333	160	186	13X7	0	150	>
HS201638	AUGUST	HW06	024	HOWE SOUND-HOPE PT	27-Aug-16	13:21	13:38	0:17	49.4400	123.3373	49.4312	123.3558	122	160	12X6	10	150	>
HS201638	AUGUST	HW06	025	HOWE SOUND-HOPE PT 150M	27-Aug-16	13:58			49.4422	123.3292			210					
HS201638	AUGUST	HW06	026	HOWE SOUND-HOPE PT 140M	27-Aug-16	14:08			49.4440	123.3260			148					
HS201638	AUGUST	HW07	027	HOWE SOUND-BRIGADE BAY	27-Aug-16	14:38	14:53	0:15	49.4757	123.3175	49.4888	123.3258	120	230	13X7	0	150	>
HS201638	AUGUST	HW08	028	HOWE SOUND-LOGGERS CREEK	27-Aug-16	15:32	15:47	0:15	49.4835	123.2517	49.4997	123.2548	182	215	14X7	0	150	>
HS201638	AUGUST	HW09	029	HOWE SOUND-LOGGERS CREEK	27-Aug-16	16:17	16:32	0:15	49.4842	123.2520	49.4983	123.2547	180	220	12X6	20	200	>
HS201638	AUGUST	HW10	030	HOWE SOUND-BRUNSWICK PT	27-Aug-16	16:56	17:11	0:15	49.5320	123.2592	49.5433	123.2503	184	138	12X5	10	150	>
HS201638	AUGUST	HW10	031	HOWE SOUND-BRUNSWICK PT-CTD-130M	27-Aug-16	17:27			49.5472	123.2477			136					
HS201638	AUGUST	HW10	032	HOWE SOUND-BRUNSWICK PT-BONGO 120M	27-Aug-16	17:33			49.5482	123.2473			131					
HS201638	AUGUST	HW11	033	HOWE SOUND-FURRY CREEK	28-Aug-16	07:53	08:08	0:15	49.6072	123.2205	49.5927	123.2282	126	160	12X6	0	150	>
HS201638	AUGUST	HW12	034	HOWE SOUND-WATTS PT	28-Aug-16	08:50	09:05	0:15	49.6415	123.2242	49.6293	123.2142	220	143	12X6	10	150	>
HS201638	AUGUST	HW12	035	HOWE SOUND-WATTS PT-CTD-100M	28-Aug-16	09:25			49.6480	123.2292			110					
HS201638	AUGUST	HW12	036	HOWE SOUND-WATTS PT-BONGO-120M	28-Aug-16	09:30			49.6490	123.2287			138					
HS201638	AUGUST	HW13	037	HOWE SOUND-WATTS PT-CENTER CH	28-Aug-16	09:57	10:12	0:15	49.6372	123.2375	49.6508	123.2445	239	230	14X6	20	200	>
HS201638	AUGUST	HW14	038	HOWE SOUND-FOULGER CREEK	28-Aug-16	10:40	10:55	0:15	49.6347	123.2525	49.6477	123.2567	230	225	14X7	0	150	>

TABLE 1. Bridge Log continued

Cruise #	Month	Station	Event #	Location	Date	Start Time	End Time	Tow Time	Start Lat	Start Long	End Lat	End Long	Start Depth	End Depth	Net Opening	Head Depth	Warp	Comments
HS201638	AUGUST	HW15	039	HOWE SOUND-FURRY CREEK-CENTER CH	28-Aug-16	12:04	12:20	0:16	49.5862	123.2477	49.6005	123.2408	280	280	14X7	0	150	>
HS201638	AUGUST	HW16	040	HOWE SOUND-ELLESMERE CREEK	28-Aug-16	12:50	13:05	0:15	49.5857	123.2655	49.5993	123.2543	106	156	12X6	0	150	>
HS201638	AUGUST	HW17	041	HOWE SOUND-EAST SIDE ANVIL IS	28-Aug-16	13:50	14:05	0:15	49.5338	123.2885	49.5490	123.2917	65	161	12X6	0	150	>
HS201638	AUGUST	HW18	042	HOWE SOUND-WEST SIDE ANVIL IS	28-Aug-16	14:40	14:55	0:15	49.5408	123.3267	49.5563	123.3262	196	200	12X6	0	150	>
HS201638	AUGUST	HW19	043	HOWE SOUND-DOUGLAS BAY	28-Aug-16	15:37	15:52	0:15	49.5053	123.3398	49.5173	123.3505	142	170	12X5	10	150	>
HS201638	AUGUST	HW20	044	HOWE SOUND-MCNABB CREEK	28-Aug-16	16:23	16:38	0:15	49.5523	123.4005	49.5447	123.4195	65	104	12X6	0	150	>
HS201638	AUGUST	HW20	045	HOWE SOUND-MCNABB CREEK-CTD 150M	28-Aug-16	16:53			49.5422	123.4220			200					
HS201638	AUGUST	HW20	046	HOWE SOUND-MCNABB CREEK-BONGO 150M	28-Aug-16	16:59			49.5420	123.4218			216					
			>	CHAIN CLUMP WT ADDED FROM LAST SURVEY														
HS201639	SEPTEMBER	CB01	001	SANSUM NARROWS-MIDDLE CH	20-Sep-16	08:42	08:57	0:15	48.7617	123.5698	48.7475	123.5612	39	102	12X6	0	150	
HS201639	SEPTEMBER	CB01	002	SANSUM NARROWS-MIDDLE CH-CTD 80M	20-Sep-16	09:15			48.7443	123.5578			90					
HS201639	SEPTEMBER	CB01	003	SANSUM NARROWS-MIDDLE CH-BONGO 80M	20-Sep-16	09:26			48.7433	123.5568			89					
HS201639	SEPTEMBER	CB02	004	SANSUM NARROWS-VI SIDE	20-Sep-16	09:57	10:12	0:15	48.7588	123.5738	48.7423	123.5587	68	107	12X6	0	150	
HS201639	SEPTEMBER	CB03	005	COWICHAN BAY-SHORELINE	20-Sep-16	10:50	11:05	0:15	48.7540	123.6070	48.7473	123.5868	53	56	13X6	0	150	
HS201639	SEPTEMBER	CB04	006	COWICHAN BAY-CENTER CH	20-Sep-16	12:12	12:27	0:15	48.7503	123.6100	48.7442	123.5928	52	59	12X6	10	150	
HS201639	SEPTEMBER	CB04	007	COWICHAN BAY-CENTER CH-CTD 55M	20-Sep-16	12:42			48.7427	123.5860			63					
HS201639	SEPTEMBER	CB04	008	COWICHAN BAY-CENTER CH-BONGO 55M	20-Sep-16	12:52			48.7423	123.5853			63					
HS201639	SEPTEMBER	CB05	009	COWICHAN BAY-TOWNSIDE	20-Sep-16	13:19	13:34	0:15	48.7438	123.6118	48.7422	123.5903	43	52	12X6	0	150	
HS201639	SEPTEMBER	CB06	010	COWICHAN BAY-TOWNSIDE	20-Sep-16	13:54	14:09	0:15	48.7350	123.5805	48.7272	123.5653	50	52	12X6	10	150	
HS201639	SEPTEMBER	CB07	011	COWICHAN BAY-GENOA BAY	20-Sep-16	14:43	14:58	0:15	48.7508	123.5882	48.7423	123.5735	50	61	14X6	0	150	
HS201639	SEPTEMBER	CB08	012	SANSUM NARROWS-SALTSPRING SIDE	20-Sep-16	15:23	15:38	0:15	48.7457	123.5508	48.7585	123.5658	57	48	12X6	0	150	
HS201639	SEPTEMBER	CB09	013	COWICHAN BAY-MUSGRAVE ROCK	20-Sep-16	16:08	16:33	0:25	48.7322	123.5287	48.7427	123.5470	62	33	13X6	0	150	
HS201639	SEPTEMBER	CB10	014	COWICHAN BAY-MUSGRAVE ROCK	20-Sep-16	17:09	17:25	0:16	48.7272	123.5210	48.7360	123.5380	63	64	12X6	10	150	
HS201639	SEPTEMBER	HW01	015	HOWE SOUND-APODACA PT	21-Sep-16	14:23	14:38	0:15	49.3432	123.3467	49.3545	123.3340	137	76	12X6	0	150	
HS201639	SEPTEMBER	HW02	016	HOWE SOUND-APODACA PT	21-Sep-16	15:04	15:19	0:15	49.3412	123.3508	49.3512	123.3377	190	87	12X6	10	150	
HS201639	SEPTEMBER	HW02	017	HOWE SOUND-APODACA PT-CTD 150M	21-Sep-16	15:38			49.3648	123.3265			225					
HS201639	SEPTEMBER	HW02	018	HOWE SOUND-APODACA PT-BONGO 150M	21-Sep-16	15:49			49.3638	123.3262			225					
HS201639	SEPTEMBER	HW03	019	HOWE SOUND-CATES BAY	21-Sep-16	16:17	16:32	0:15	49.3957	123.3145	49.4090	123.3155	205	70	13X7	0	150	
HS201639	SEPTEMBER	HW04	020	HOWE SOUND-SMUGGLERS BAY	21-Sep-16	16:57	17:12	0:15	49.4163	123.3352	49.4165	123.3563	110	184	12X6	0	150	
HS201639	SEPTEMBER	HW05	021	HOWE SOUND-WEST SIDE BOWEN IS	22-Sep-16	07:48	08:03	0:15	49.3845	123.4123	49.3960	123.3960	73	78	13X6	0	150	
HS201639	SEPTEMBER	HW06	022	HOWE SOUND-HOPE PT	22-Sep-16	10:09	10:24	0:15	49.4297	123.3613	49.4373	123.3418	120	110		0	150	^
HS201639	SEPTEMBER	HW06	023	HOWE SOUND-HOPE PT-CTD 150M	22-Sep-16	10:55			49.4402	123.3273			230					

TABLE 1. Bridge Log continued

Cruise #	Month	Station	Event #	Location	Date	Start Time	End Time	Tow Time	Start Lat	Start Long	End Lat	End Long	Start Depth	End Depth	Net Opening	Head Depth	Warp	Comments
HS201639	SEPTEMBER	HW06	024	HOWE SOUND-HOPE PT-BONGO 150M	22-Sep-16	11:04			49.4402	123.3272			230					
HS201639	SEPTEMBER	HW07	025	HOWE SOUND-BRIGADE BAY	22-Sep-16	12:18	12:33	0:15	49.4767	123.3173	49.4908	123.3272	163	125		0	150	^
HS201639	SEPTEMBER	HW08	026	HOWE SOUND-DOULAS BAY	22-Sep-16	12:56	13:11	0:15	49.5025	123.3363	49.5155	123.3490	142	130		0	150	^
HS201639	SEPTEMBER	HW09	027	HOWE SOUND-LOGGERS BAY	22-Sep-16	13:52	14:07	0:15	49.4987	123.2542	49.4858	123.2520	200	200		0	150	^
HS201639	SEPTEMBER	HW10	028	HOWE SOUND-BRUNSWICK PT	22-Sep-16	14:46	15:01	0:15	49.5388	123.2532	49.5270	123.2637	115	198		0	150	^
HS201639	SEPTEMBER	HW10	029	HOWE SOUND-BRUNSWICK PT	22-Sep-16	15:20			49.5415	123.2532			161					
HS201639	SEPTEMBER	HW10	030	HOWE SOUND-BRUNSWICK PT	22-Sep-16	15:29			49.5433	123.2517			149					
HS201639	SEPTEMBER	HW11	031	HOWE SOUND-EAST SIDE ANVIL IS	22-Sep-16	15:59	16:14	0:15	49.5437	123.2905	49.5300	123.2857	60	105		0	150	^
HS201639	SEPTEMBER	HW12	032	HOWE SOUND-WEST SIDE ANVIL IS	22-Sep-16	16:48	17:03	0:15	49.5545	123.3250	49.5422	123.3275	60	210		0	150	^
HS201639	SEPTEMBER	HW13	033	HOWE SOUND-FURRY CREEK	23-Sep-16	08:07	08:22	0:15	49.5962	123.2258	49.6100	123.2190	150	140		0	150	^
HS201639	SEPTEMBER	HW14	034	HOWE SOUND-WATTS PT	23-Sep-16	08:51	09:06	0:15	49.6340	123.2173	49.6462	123.2280	164	130		0	150	^
HS201639	SEPTEMBER	HW14	035	HOWE SOUND-WATTS PT-CTD 150M	23-Sep-16	09:19			49.6465	123.2322			225					
HS201639	SEPTEMBER	HW14	036	HOWE SOUND-WATTS PT-BONGO 150M	23-Sep-16	09:30			49.6468	123.2318			225					
HS201639	SEPTEMBER	HW15	037	HOWE SOUND-WATTS PT CENTER CH	23-Sep-16	09:54	10:09	0:15	49.6343	123.2360	49.6475	123.2423	247	230		0	150	^
HS201639	SEPTEMBER	HW16	038	HOWE SOUND-FOULGER CREEK	23-Sep-16	10:28	10:43	0:15	49.6422	123.2560	49.6272	123.2493	190	255		0	150	^
HS201639	SEPTEMBER	HW17	039	HOWE SOUND-ELLESMERE CREEK	23-Sep-16	11:07	11:22	0:15	49.5993	123.2550	49.5848	123.2665	167	121		0	150	^
HS201639	SEPTEMBER	HW18	040	HOWE SOUND-ELLESMERE CREEK CENTER CH	23-Sep-16	12:24	12:39	0:15	49.5878	123.2473	49.6013	123.2412	280	280		0	150	^
HS201639	SEPTEMBER	HW19	041	HOWE SOUND-SOUTH OF POTLATCH	23-Sep-16	13:22	13:37	0:15	49.5652	123.3378	49.5528	123.3515	180	162		0	150	^
HS201639	SEPTEMBER	HW20	042	HOWE SOUND-MCNABB CREEK	23-Sep-16	14:04	14:19	0:15	49.5528	123.3990	49.5455	123.4168	79	127		0	150	^
HS201639	SEPTEMBER	HW20	043	HOWE SOUND-MCNABB CREEK-CTD 150M	23-Sep-16	14:30			49.5443	123.4155			190					
HS201639	SEPTEMBER	HW20	044	HOWE SOUND-MCNABB CREEK-BONGO 150M	23-Sep-16	14:39			49.5450	123.4132			205					
			^	3RD WIRE DAMAGED-SURFACE TOWS ONLY														

TABLE 2. CATCH SUMMARY APRIL 19-21, 2016. Cowichan Bay tows (stations prefixed by CB) are listed and totaled first. Howe Sound tows (stations prefixed by HW are listed and totaled second.

CRUISE	MONTH	STATION	CHINOOK	COHO	SOCKEYE	PINK	CHUM	HERRING	STICKLEBACK	POLLOCK	SQUID	PIPEFISH	SOFT SCULPINS	ANCHOVY
HS201634	APRIL	CB01									1		11	
HS201634	APRIL	CB02											25	
HS201634	APRIL	CB03		1				2	11				16	
HS201634	APRIL	CB04							14				13	
HS201634	APRIL	CB05							3				3	
TOTALS			**0**	**1**	**0**	**0**	**0**	**2**	**28**	**0**	**1**	**0**	**68**	**0**
HS201634	APRIL	HW01							10891					
HS201634	APRIL	HW02												
HS201634	APRIL	HW03							21					
HS201634	APRIL	HW04							26	1				
HS201634	APRIL	HW05		2					708					
HS201634	APRIL	HW06		1					65					
HS201634	APRIL	HW07		1				7	47					
HS201634	APRIL	HW08						3	7					
HS201634	APRIL	HW09	2					1	3					
HS201634	APRIL	HW10						1						
HS201634	APRIL	HW11			4	1	1	3	6768					1
HS201634	APRIL	HW12							305					
HS201634	APRIL	HW13		2	1			7	49					
HS201634	APRIL	HW14				2	3	4	10					
HS201634	APRIL	HW15		1		6	2	4	7			1		
HS201634	APRIL	HW16						3	23					
TOTALS			**2**	**7**	**5**	**9**	**6**	**33**	**18930**	**1**	**0**	**1**	**0**	**1**

TABLE 3. CATCH SUMMARY MAY 14-17, 2016. Cowichan Bay tows (stations prefixed by CB) are listed and totaled first. Howe Sound tows (stations prefixed by HW are listed and totaled second.

CRUISE	MONTH	STATION	CHINOOK	COHO	SOCKEYE	PINK	CHUM	STEELHEAD	HERRING	STICKLEBACK	POLLOCK	PIPEFISH	SOFT SCULPINS	ANCHOVY	SHINER PERCH	STARRY FLOUNDER	POMPANO	POACHER	LAMPREY	WOLF EEL
HS201635	MAY	CB01	11				59													
HS201635	MAY	CB02	9	5	2		53			2		1								
HS201635	MAY	CB03	6	7	3		19			2										
HS201635	MAY	CB04																		
HS201635	MAY	CB05	1	2	2		60			1										
HS201635	MAY	CB06			3		14													
HS201635	MAY	CB07	91	9			221			358			1							
HS201635	MAY	CB08	3				3			33			4							
HS201635	MAY	CB09	114	4			142			420					1					
HS201635	MAY	CB10	5				12			22										
HS201635	MAY	CB11	47	2	1		46			78										
HS201635	MAY	CB12	6	1			4			26										
TOTALS			**293**	**30**	**11**	**0**	**633**	**0**	**0**	**942**	**0**	**1**	**5**	**0**	**1**	**0**	**0**	**0**	**0**	**0**
HS201635	MAY	HW01	84	7	79	8	3	3	4	10				10		1				
HS201635	MAY	HW02	1	2	1						1			1						
HS201635	MAY	HW03	25	7	172		6	3		50						1				
HS201635	MAY	HW04			2			1		3										
HS201635	MAY	HW05	7	2	3			2		533										
HS201635	MAY	HW06								12										
HS201635	MAY	HW07	15	2	16		1			758										
HS201635	MAY	HW08	3	4	2		5			55				1						
HS201635	MAY	HW09	6	4	4		2		38	30				2			1			
HS201635	MAY	HW10							5	2						1				
HS201635	MAY	HW11		1													1			
HS201635	MAY	HW12	1	1					35	4								1		
HS201635	MAY	HW13	5	3					6											
HS201635	MAY	HW14																		
HS201635	MAY	HW15					2		1											
HS201635	MAY	HW16																		
HS201635	MAY	HW17	3	2	6		2		14	7									1	
HS201635	MAY	HW18	1		1		3		3											1
HS201635	MAY	HW19	1							9										
HS201635	MAY	HW20			7					13		1								
TOTALS			**152**	**35**	**293**	**8**	**24**	**9**	**106**	**1486**	**1**	**1**	**0**	**14**	**0**	**3**	**2**	**1**	**1**	**1**

TABLE 4. CATCH SUMMARY JUNE 21-23, 2016. Cowichan Bay tows (stations prefixed by CB) are listed and totaled first. Howe Sound tows (stations prefixed by HW are listed and totaled second.

CRUISE	MONTH	STATION	CHINOOK	COHO	SOCKEYE	PINK	CHUM	HERRING	STICKLEBACK	POLLOCK	SQUID	PIPEFISH	POACHER	LAMPREY
HS201636	JUNE	CB01	12	2		10	16		8			1		
HS201636	JUNE	CB02	8			12	8		2			1		
HS201636	JUNE	CB03	46			7	12		6		1	1		
HS201636	JUNE	CB04	6			4	5		1	1				
HS201636	JUNE	CB05	16			16	11	1	1	1				
HS201636	JUNE	CB06	1			16	6							
HS201636	JUNE	CB07	3	1		8	4							
TOTALS			**92**	**3**	**0**	**73**	**62**	**1**	**18**	**2**	**1**	**3**	**0**	**0**
HS201636	JUNE	HW01	5		1									
HS201636	JUNE	HW02	1							1				
HS201636	JUNE	HW03	7	1		1			2					
HS201636	JUNE	HW04	6	1	1				10					
HS201636	JUNE	HW05	2	1					1	1				
HS201636	JUNE	HW06	1		1		1	1	4					
HS201636	JUNE	HW07	6		1				5					
HS201636	JUNE	HW08	5		33			14			1		1	
HS201636	JUNE	HW09						6		2		1		
HS201636	JUNE	HW10						7				1		
HS201636	JUNE	HW11						3		4				
HS201636	JUNE	HW12						35		3				1
HS201636	JUNE	HW13	1		7			28		1				
HS201636	JUNE	HW14			1			20						
HS201636	JUNE	HW15	1		4			16		5				
HS201636	JUNE	HW16	1		3			6		2				
HS201636	JUNE	HW17	1		9		7			10				
HS201636	JUNE	HW18	3		11		2		2	2				
TOTALS			**40**	**3**	**72**	**1**	**10**	**136**	**24**	**31**	**1**	**2**	**1**	**1**

TABLE 5. CATCH SUMMARY JULY 21-24, 2016. Cowichan Bay tows (stations prefixed by CB) are listed and totaled first. Howe Sound tows (stations prefixed by HW are listed and totaled second.

CRUISE	MONTH	STATION	CHINOOK	COHO	SOCKEYE	PINK	CHUM	HERRING	STICKLEBACK	POLLOCK	SQUID	PIPEFISH	ANCHOVY	LAMPREY	SURF PERCH
HS201637	JULY	CB01					1								
HS201637	JULY	CB02													
HS201637	JULY	CB03													
HS201637	JULY	CB04													
HS201637	JULY	CB05					1			1					
HS201637	JULY	CB06	1			3	6		2						1
HS201637	JULY	CB07				1	3	18	1						
HS201637	JULY	CB08						4							
HS201637	JULY	CB09									6				
HS201637	JULY	CB10									1				
HS201637	JULY	CB11				1									
HS201637	JULY	CB12	1							1					
HS201637	JULY	CB13													
TOTALS			**2**	**0**	**0**	**5**	**11**	**22**	**3**	**2**	**7**	**0**	**0**	**0**	**1**
HS201637	JULY	HW01	31						7	1				1	
HS201637	JULY	HW02	4						3						
HS201637	JULY	HW03	7				1		4				23		
HS201637	JULY	HW04	13						23				15		
HS201637	JULY	HW05	12						7				23		
HS201637	JULY	HW06	12						17	1			99		
HS201637	JULY	HW07	8						19				195	1	
HS201637	JULY	HW08	7					10	6784				33	1	
HS201637	JULY	HW09													
HS201637	JULY	HW10	43		5			64	2081	1				1	
HS201637	JULY	HW11	4		1			42	590	2		1			
HS201637	JULY	HW12								1					
HS201637	JULY	HW13						6	1		2				
HS201637	JULY	HW14						2	21						
HS201637	JULY	HW15	5					1	2	1					
HS201637	JULY	HW16							1	1					
HS201637	JULY	HW17							1						
HS201637	JULY	HW18								2					
HS201637	JULY	HW19	3		2			8	1		1				
HS201637	JULY	HW20	2												
HS201637	JULY	HW21	13						46			1			
HS201637	JULY	HW22	2						26						
TOTALS			**166**	**0**	**8**	**0**	**1**	**133**	**9634**	**10**	**3**	**2**	**388**	**4**	**0**

TABLE 6. CATCH SUMMARY AUGUST 25-28, 2016. Cowichan Bay tows (stations prefixed by CB) are listed and totaled first. Howe Sound tows (stations prefixed by HW are listed and totaled second.

CRUISE	MONTH	STATION	CHINOOK	COHO	SOCKEYE	PINK	CHUM	HERRING	STICKLEBACK	SQUID	PIPEFISH	ANCHOVY	SHINER PERCH	STARRY FLOUNDER	LAMPREY	DOGFISH
HS201638	AUGUST	CB01	1	1		1				2						
HS201638	AUGUST	CB02	2	2		4	2			3						
HS201638	AUGUST	CB03	3				1				1					
HS201638	AUGUST	CB04	2				4	683								
HS201638	AUGUST	CB05	1													
HS201638	AUGUST	CB06	9				1	4	8475		1					
HS201638	AUGUST	CB07								13						
HS201638	AUGUST	CB08	7					2	596							
HS201638	AUGUST	CB09	8				1									
HS201638	AUGUST	CB10	4				2									
HS201638	AUGUST	CB11	11				10									
HS201638	AUGUST	CB12	5				1			28						
TOTALS			**53**	**3**	**0**	**5**	**22**	**689**	**9071**	**46**	**2**	**0**	**0**	**0**	**0**	**0**
HS201638	AUGUST	HW01	22				13	25	5	3						1
HS201638	AUGUST	HW02	87				14	21	2							
HS201638	AUGUST	HW03	15		1		42	10								
HS201638	AUGUST	HW04	1		1		2	1								
HS201638	AUGUST	HW05	1		2		3	2	3							
HS201638	AUGUST	HW06	1						4							
HS201638	AUGUST	HW07	52				26	5	957							
HS201638	AUGUST	HW08	98				58	15	654						2	
HS201638	AUGUST	HW09	17				10	1								
HS201638	AUGUST	HW10	4													
HS201638	AUGUST	HW11	8		1			5	1544							
HS201638	AUGUST	HW12	1						155	3						
HS201638	AUGUST	HW13														
HS201638	AUGUST	HW14						3		4						
HS201638	AUGUST	HW15			2			27	118	9						
HS201638	AUGUST	HW16			11		7	8	2556		2					
HS201638	AUGUST	HW17	11		1		23	5	1241	1	1	119				
HS201638	AUGUST	HW18	10				14	3	5930		1	197				
HS201638	AUGUST	HW19	3				6		1178							
HS201638	AUGUST	HW20	35		1		13	5	1258				1	1	1	
TOTALS			**366**	**0**	**20**	**0**	**231**	**136**	**15605**	**20**	**4**	**316**	**1**	**1**	**3**	**1**

TABLE 7. CATCH SUMMARY SEPTEMBER 20-23, 2016. Cowichan Bay tows (stations prefixed by CB) are listed and totaled first. Howe Sound tows (stations prefixed by HW are listed and totaled second.

CRUISE	MONTH	STATION	CHINOOK	COHO	SOCKEYE	PINK	CHUM	HERRING	STICKLEBACK	SQUID	PIPEFISH	ANCHOVY	PRICKLEBACK
HS201639	SEPT	CB01											
HS201639	SEPT	CB02	2	1									
HS201639	SEPT	CB03							114	3			
HS201639	SEPT	CB04							67	6			2
HS201639	SEPT	CB05							7	3			1
HS201639	SEPT	CB06						22	2				
HS201639	SEPT	CB07						3	2				
HS201639	SEPT	CB09						1					
HS201639	SEPT	CB10	1										
TOTALS			**3**	**1**	**0**	**0**	**0**	**26**	**192**	**12**	**0**	**0**	**3**
HS201639	SEPT	HW01	2		3								
HS201639	SEPT	HW02	3				1				1		
HS201639	SEPT	HW03										1	
HS201639	SEPT	HW05	6					3					
HS201639	SEPT	HW06										116050	
HS201639	SEPT	HW07							767				
HS201639	SEPT	HW08	4						611				
HS201639	SEPT	HW09	5						1140				
HS201639	SEPT	HW10							7661				
HS201639	SEPT	HW11	3						3145				
HS201639	SEPT	HW12	2						177			2	
HS201639	SEPT	HW13	3					2	84				
HS201639	SEPT	HW14	3		3			6					
HS201639	SEPT	HW15	1		1			1					
HS201639	SEPT	HW16			1								
HS201639	SEPT	HW17	1		1			4	120	1			9
HS201639	SEPT	HW18	2		1			5	79				
HS201639	SEPT	HW19	2					1	38				
HS201639	SEPT	HW20											
TOTALS			**37**	**0**	**10**	**0**	**1**	**22**	**13822**	**1**	**1**	**116053**	**9**

FIGURES

FIGURE 1. FISHING STATIONS APRIL 19-21, 2016.

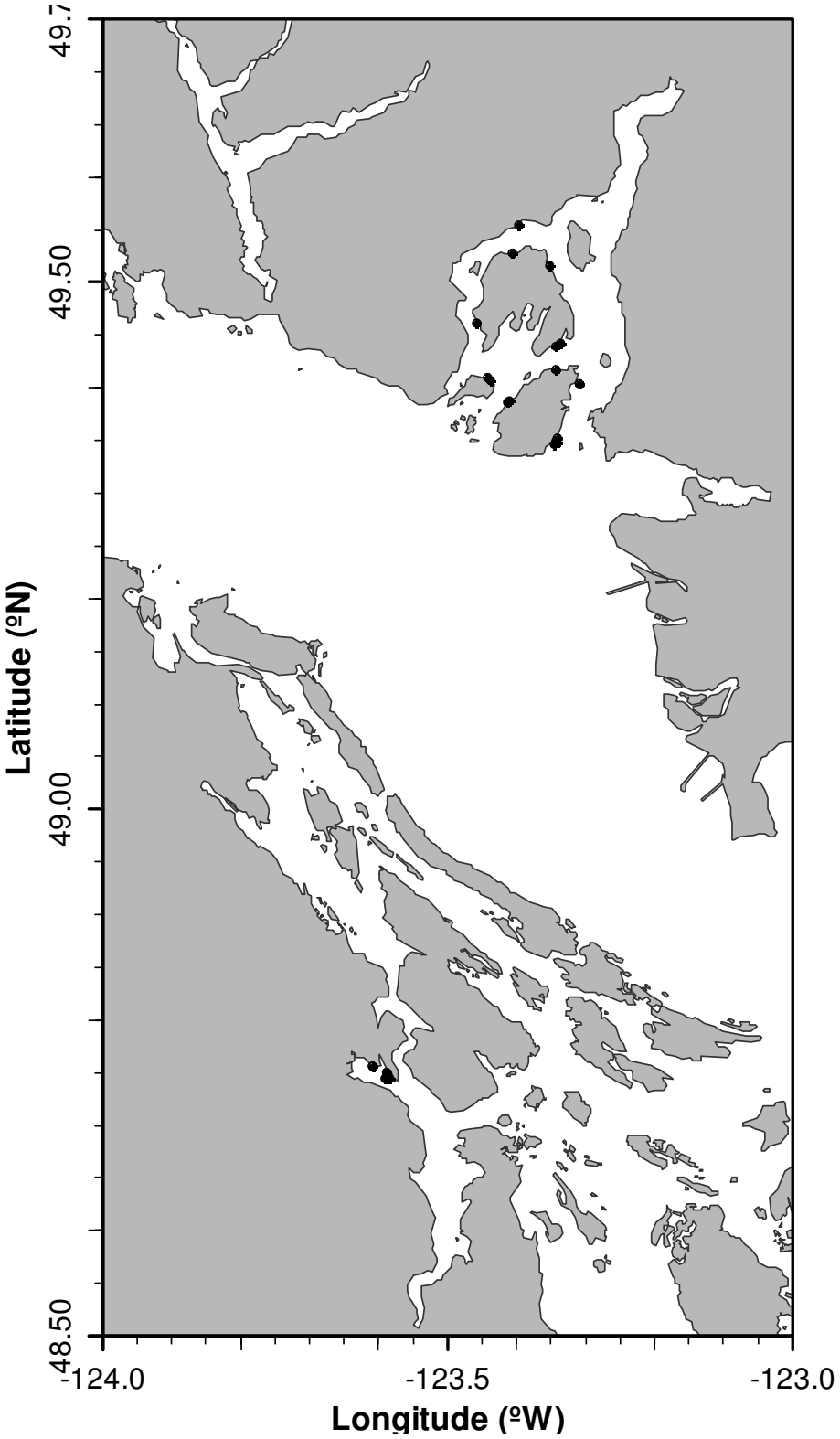


FIGURE 2. FISHING STATIONS MAY 14-17, 2016

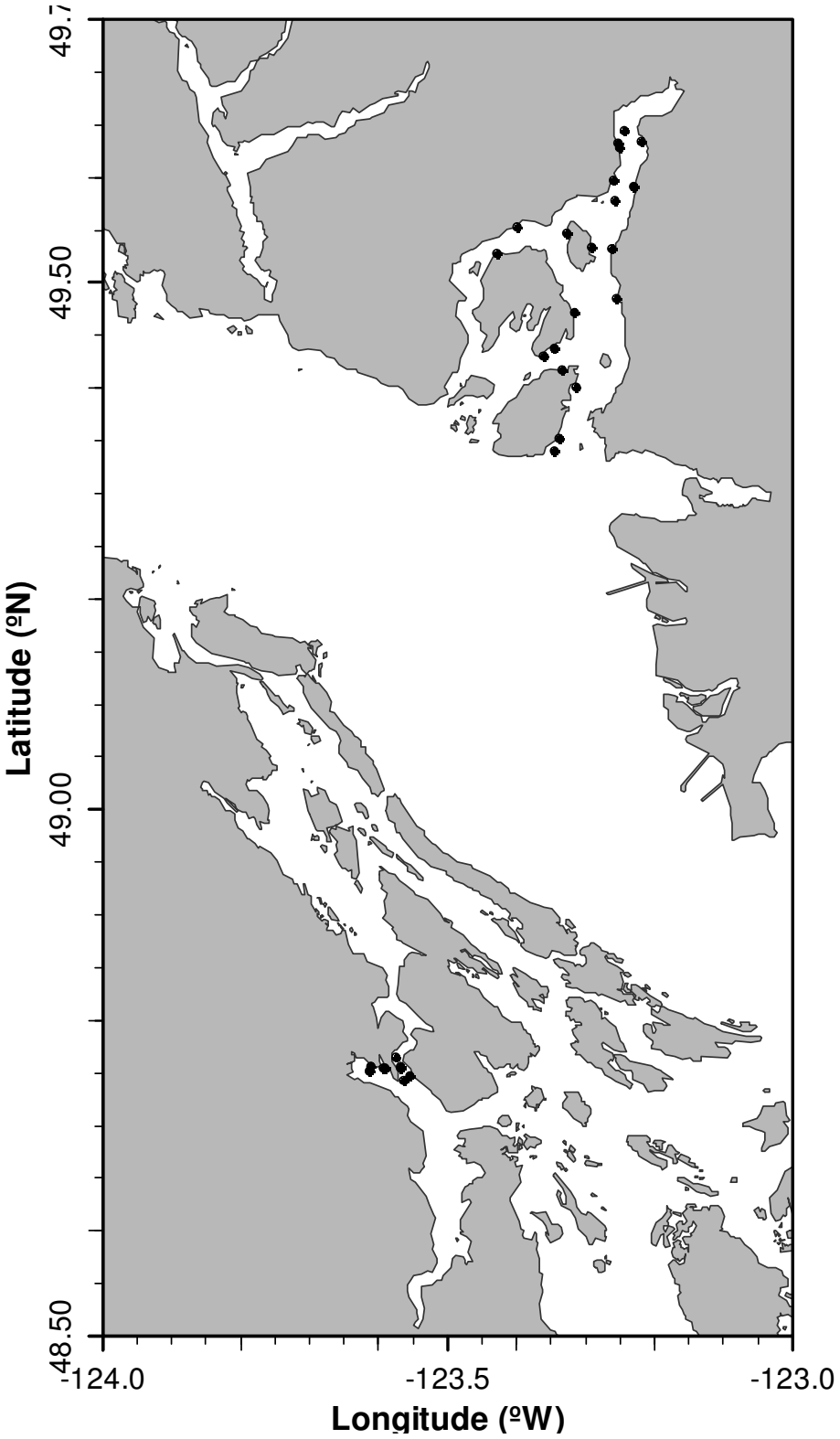


FIGURE 3. FISHING STATIONS JUNE 21-23, 2016

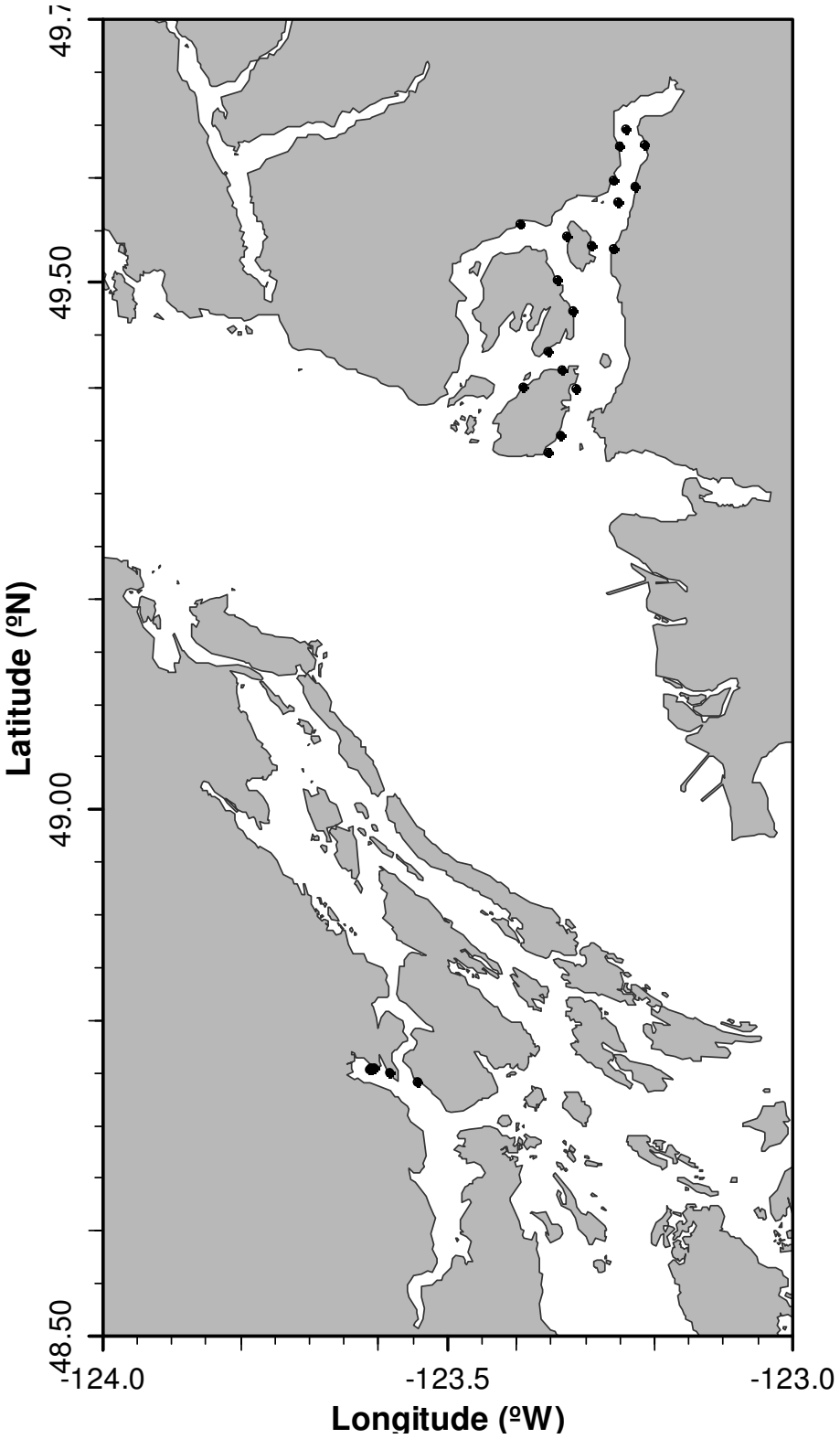


FIGURE 4. FISHING STATIONS JULY 21-24, 2016

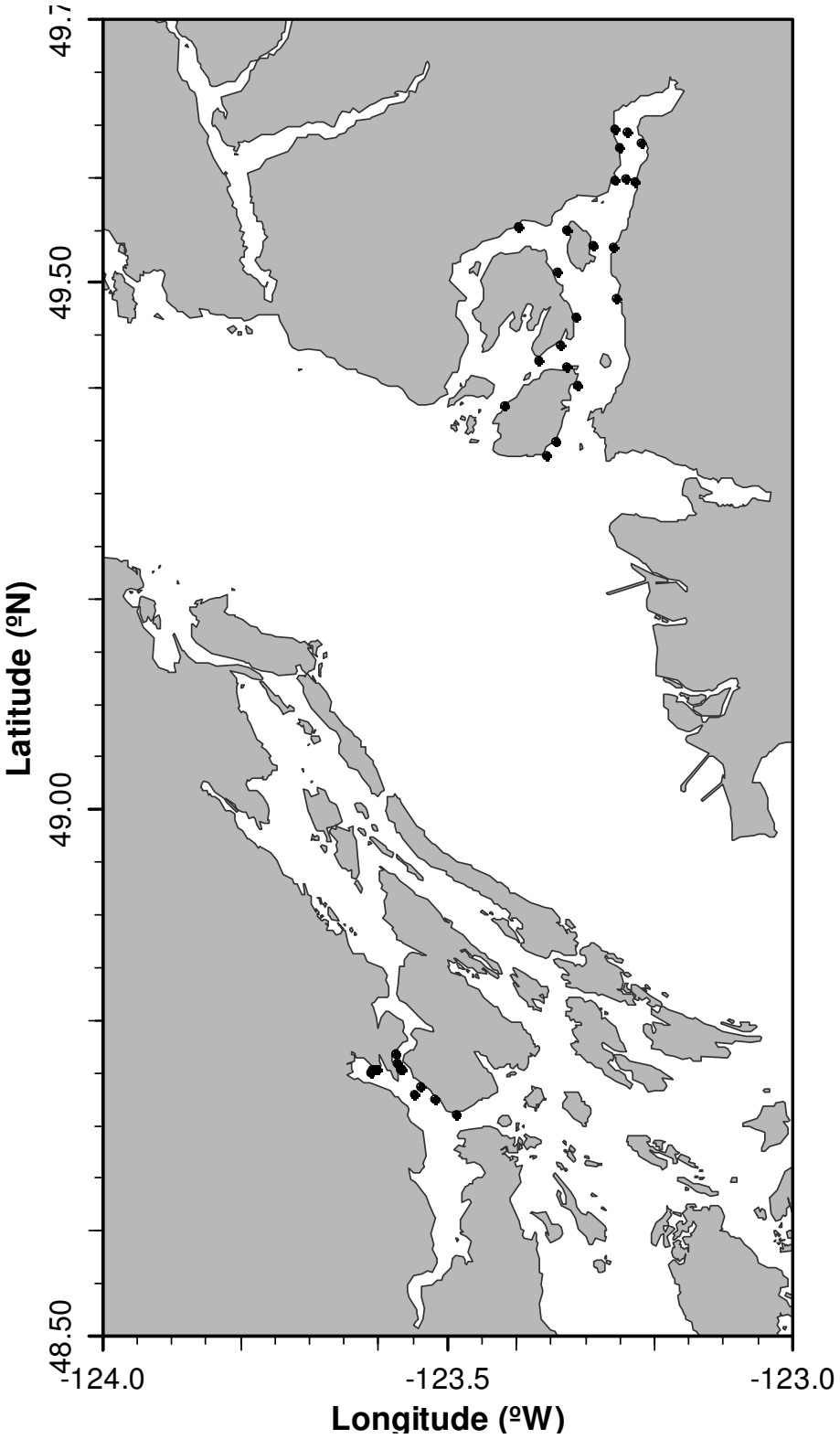


FIGURE 5. FISHING STATIONS AUGUST 25-28, 2016

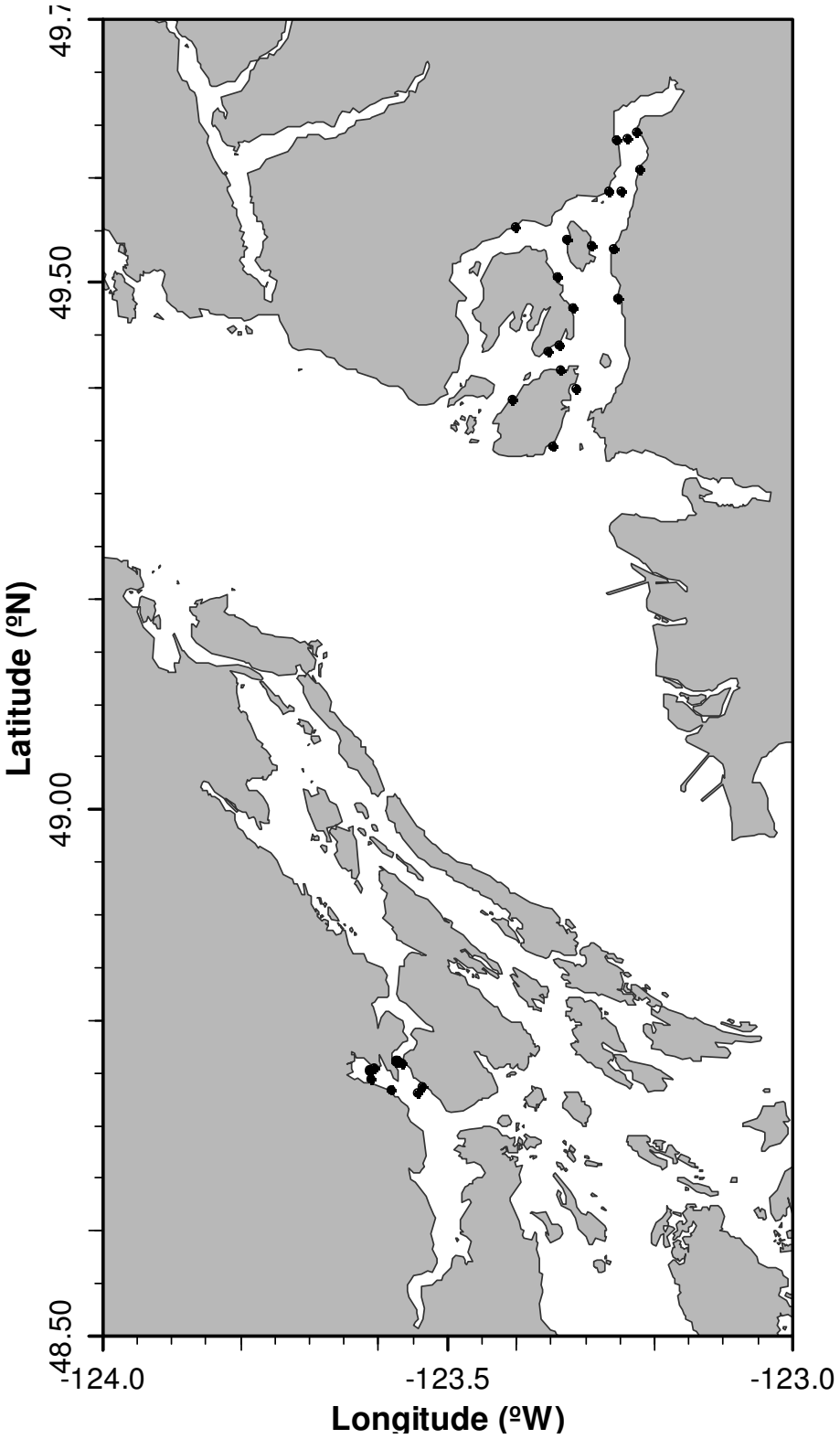


FIGURE 6. FISHING STATIONS SEPTEMBER 20-23, 2016

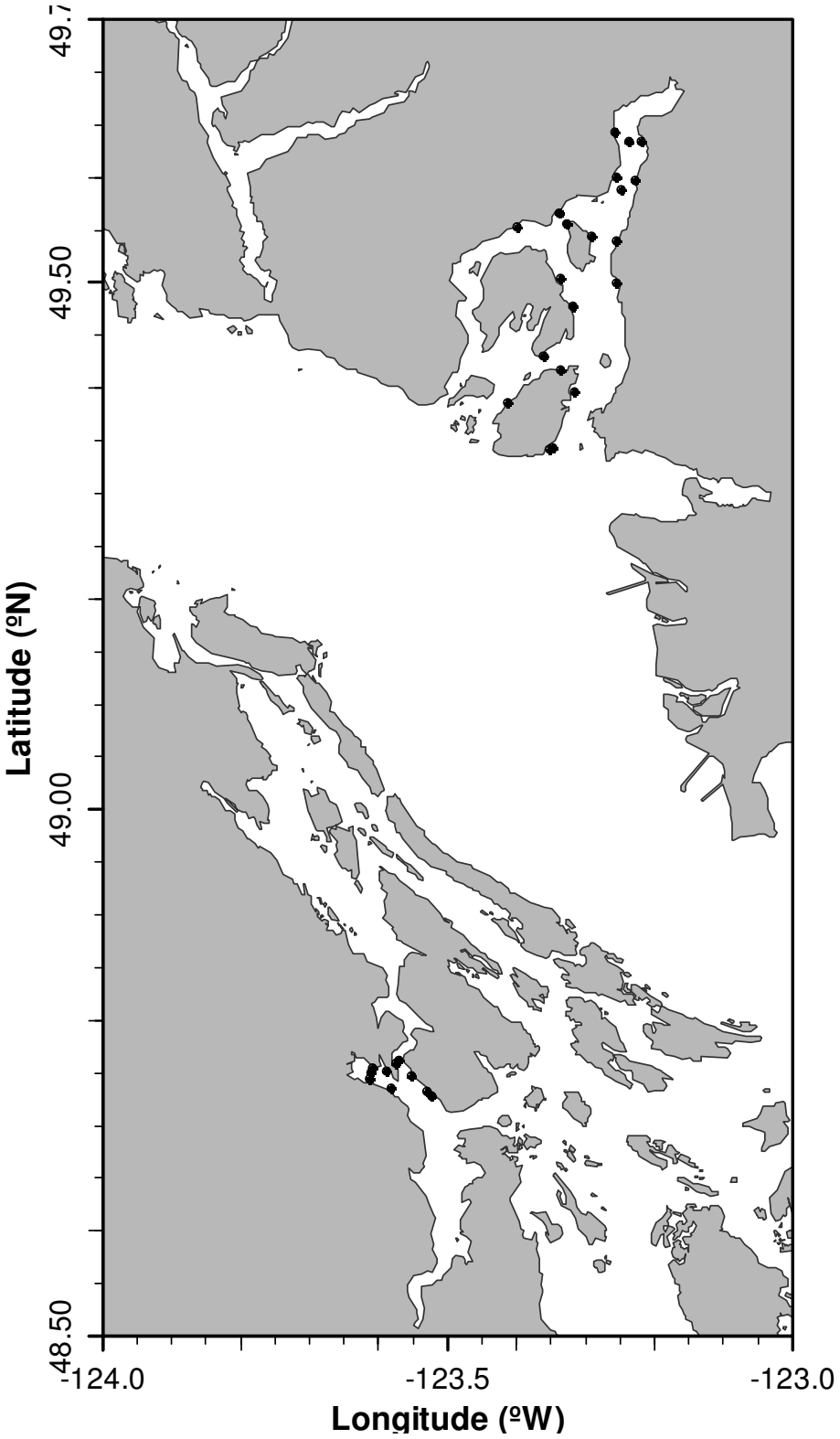


FIGURE 7. CHINOOK SALMON LENGTH FREQUENCY BY SURVEY

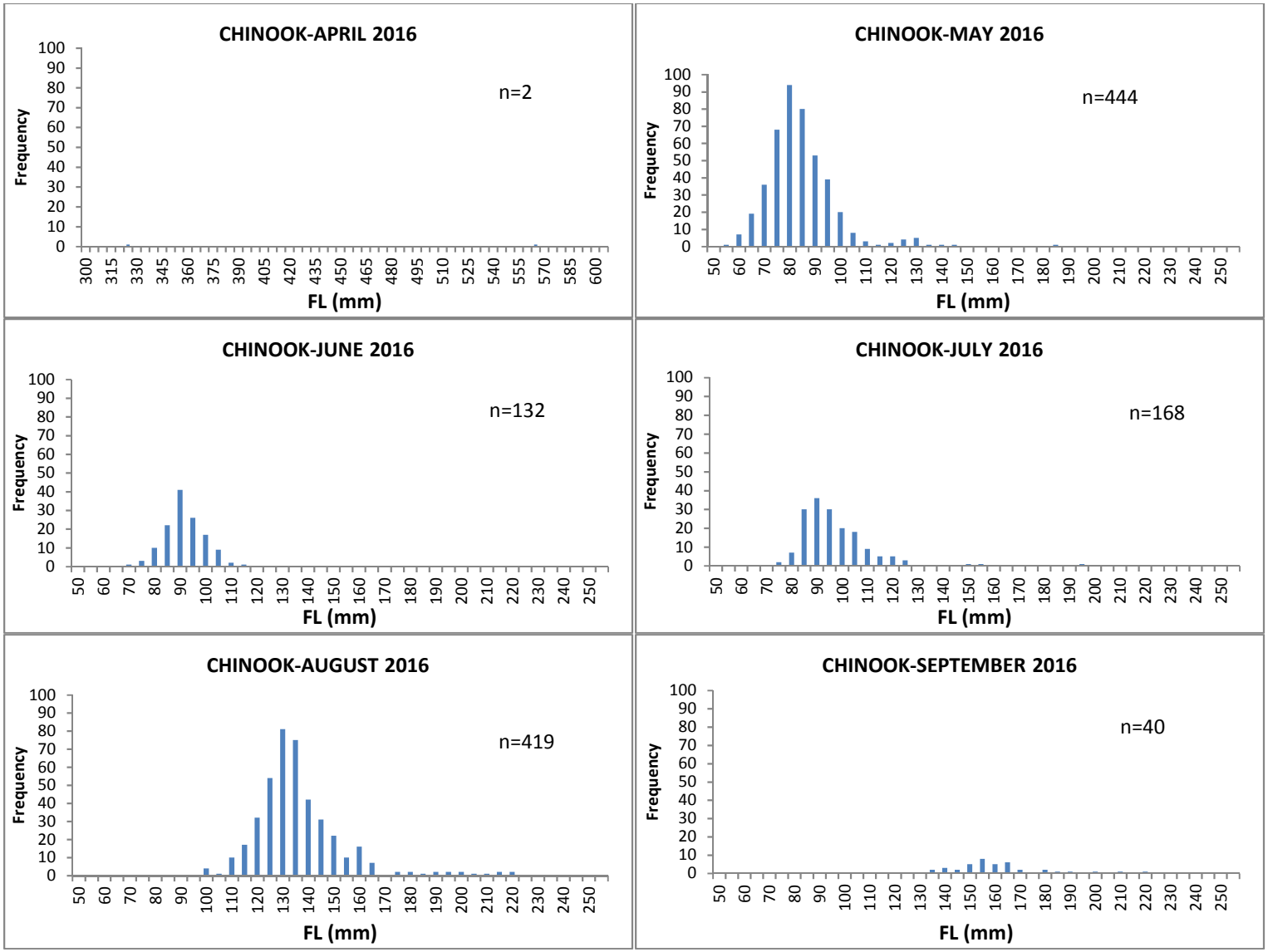


FIGURE 8. COHO SALMON LENGTH FREQUENCY BY SURVEY

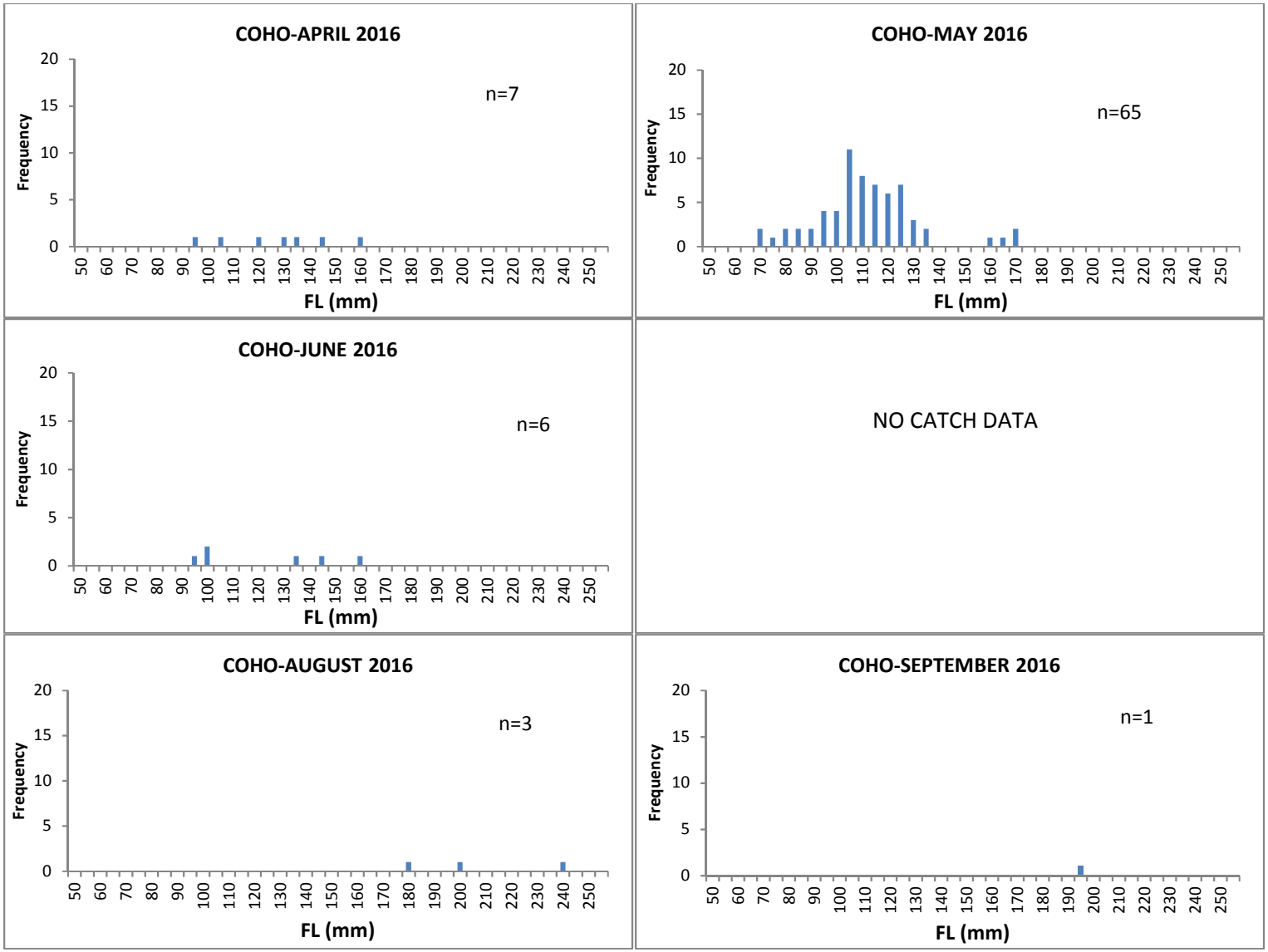


FIGURE 9. SOCKEYE SALMON LENGTH FREQUENCY BY SURVEY

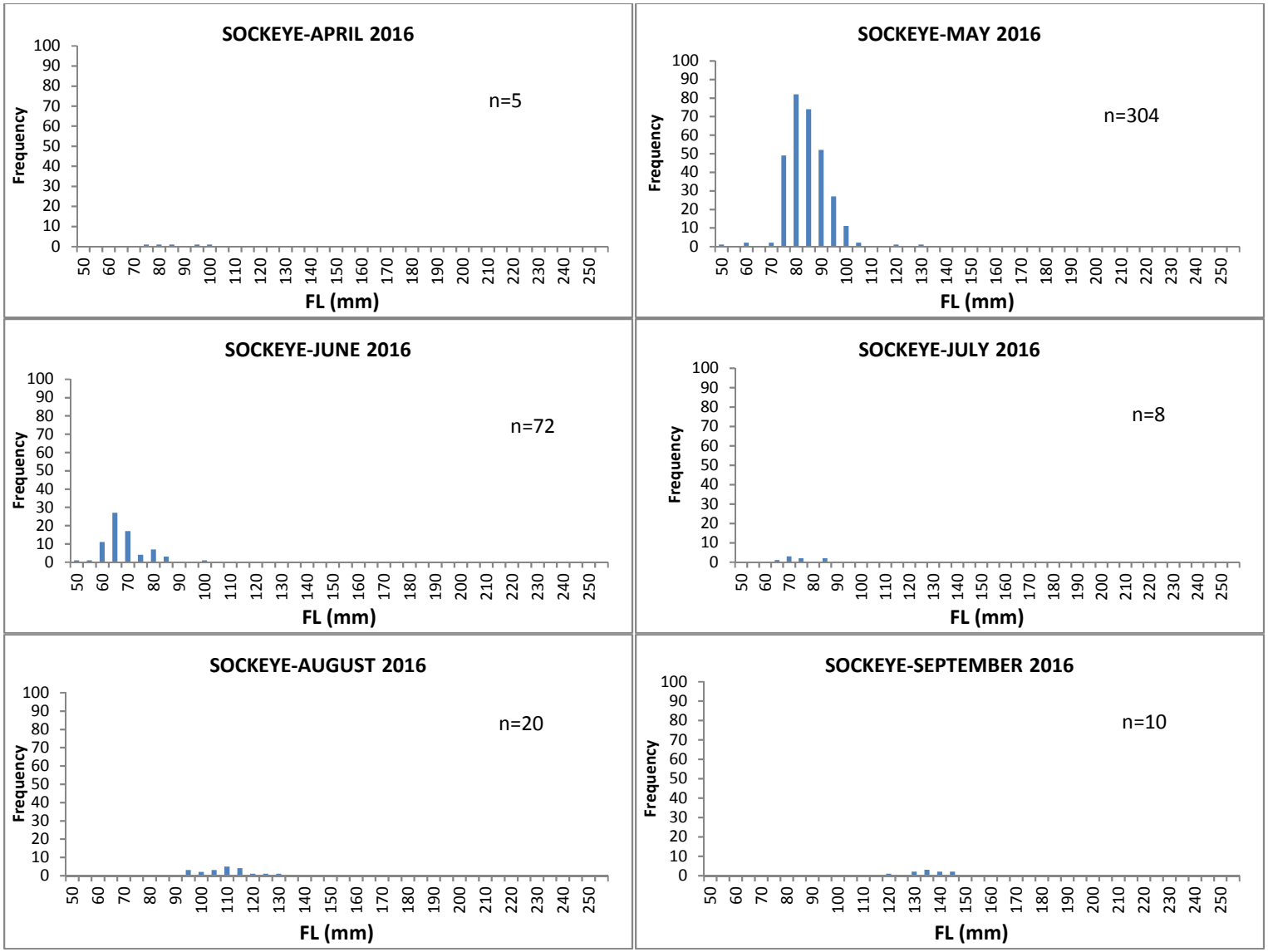


FIGURE 10. PINK SALMON LENGTH FREQUENCY BY SURVEY

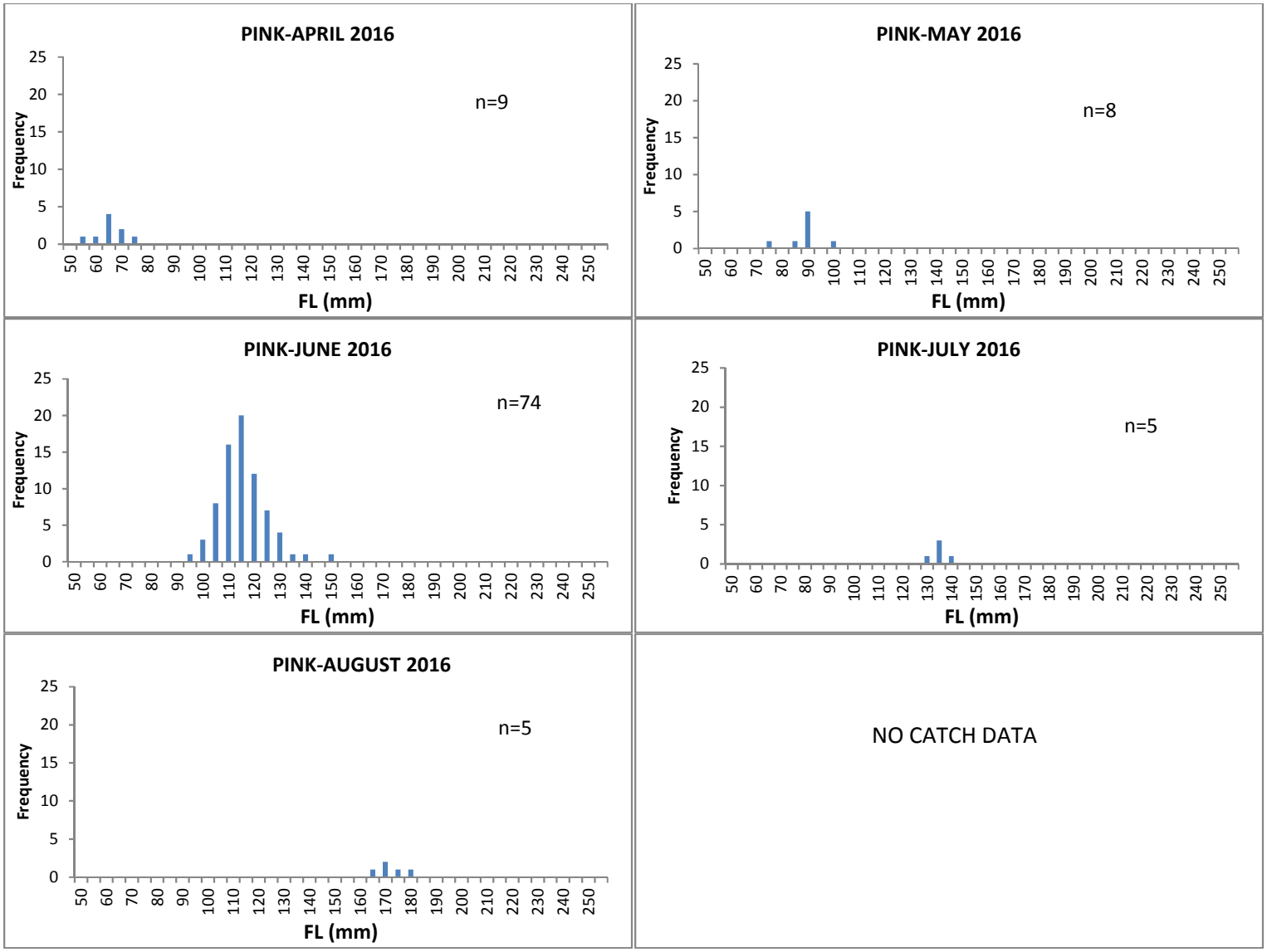
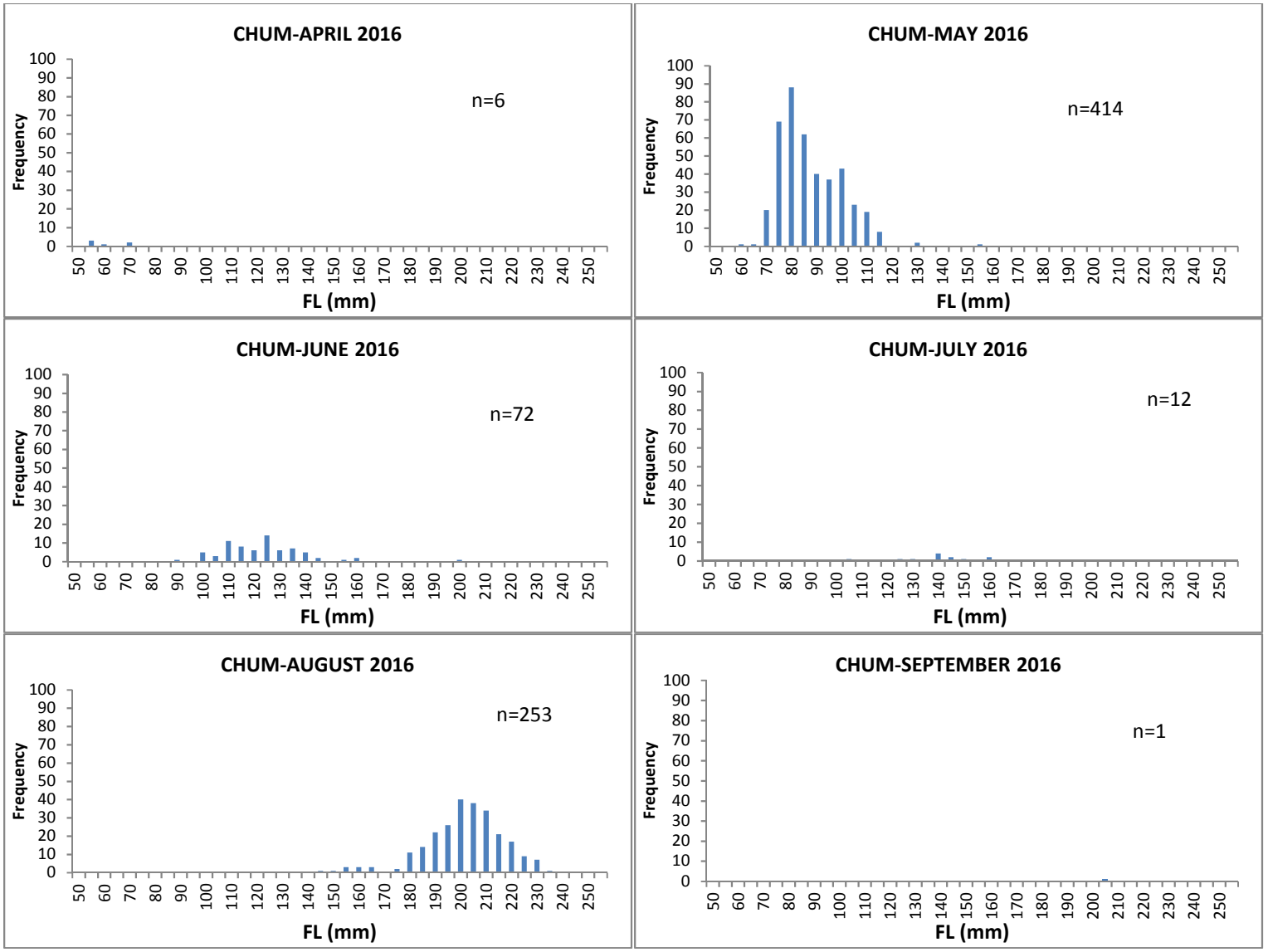


FIGURE 11. CHUM SALMON LENGTH FREQUENCY BY SURVEY



APPENDIX

APPENDIX 1: INDIVIDUAL CATCH DATA

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201634-HW09-124-001	CHINOOK	323	355	387			F	CK-1-1	N		
HS201634-HW09-124-002	CHINOOK	565	611	2257			M	CK-1-2	N		
HS201634-CB03-115-001	COHO	131	145	22				CO-1-1	Y		
HS201634-HW05-115-001	COHO	118	132	16				CO-1-2	Y		
HS201634-HW05-115-002	COHO	92	102	7				CO-1-3	Y		
HS201634-HW06-115-001	COHO	305	335	300				CO-1-4	Y		
HS201634-HW07-115-001	COHO	104	114	10				CO-1-5	Y		
HS201634-HW13-115-001	COHO	145	159	36				CO-1-6	Y		
HS201634-HW13-115-002	COHO	129	142	22				CO-1-7	Y		
HS201634-HW15-115-001	COHO	160	176	44				CO-1-8	Y		
HS201634-HW11-112-001	CHUM	53	57	1					N		
HS201634-HW14-112-001	CHUM	53	57	1					N		
HS201634-HW14-112-002	CHUM	66	71	2					N		
HS201634-HW14-112-003	CHUM	53	57	1					N		
HS201634-HW15-112-001	CHUM	67	71	3					N		
HS201634-HW15-112-002	CHUM	57	62	1					N		
HS201634-HW11-108-001	PINK	72	79	3					N		
HS201634-HW14-108-001	PINK	53	57	1					N		
HS201634-HW14-108-002	PINK	60	66	2					N		
HS201634-HW15-108-001	PINK	63	67	2					N		
HS201634-HW15-108-002	PINK	65	71	2					N		
HS201634-HW15-108-003	PINK	68	74	2					N		
HS201634-HW15-108-004	PINK	64	68	2					N		
HS201634-HW15-108-005	PINK	65	70	2					N		
HS201634-HW15-108-006	PINK	68	72	2					N		
HS201634-HW11-118-001	SOCKEYE	75	83	3				SE-1-1	Y		
HS201634-HW11-118-002	SOCKEYE	100	110	8				SE-1-2	Y		
HS201634-HW11-118-003	SOCKEYE	94	103	7				SE-1-3	Y		
HS201634-HW11-118-004	SOCKEYE	79	87	4				SE-1-4	Y		
HS201634-HW13-118-001	SOCKEYE	82	91	4				SE-1-5	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB01-124-001	CHINOOK	82	90	5				3	Y		
HS201635-CB01-124-002	CHINOOK	75	81	4				4	Y		
HS201635-CB01-124-003	CHINOOK	122	134	19				5	Y		
HS201635-CB01-124-004	CHINOOK	90	98	7				6	Y		
HS201635-CB01-124-005	CHINOOK	73	81	4	Y	AD		7	Y		
HS201635-CB01-124-006	CHINOOK	72	77	3		AD		8	Y		
HS201635-CB01-124-007	CHINOOK	75	83	4				9	Y		
HS201635-CB01-124-008	CHINOOK	73	79	4	Y	AD		10	Y		
HS201635-CB01-124-009	CHINOOK	75	82	3	Y	AD		11	Y		
HS201635-CB01-124-010	CHINOOK	77	83	4		AD		12	Y		
HS201635-CB01-124-011	CHINOOK	78	85	5				13	Y		
HS201635-CB02-124-001	CHINOOK	112	123	15				14	Y		
HS201635-CB02-124-002	CHINOOK	72	79	3				15	Y		
HS201635-CB02-124-003	CHINOOK	70	77	3				16	Y		
HS201635-CB02-124-004	CHINOOK	83	91	5				17	Y		
HS201635-CB02-124-005	CHINOOK	71	79	3				18	Y		
HS201635-CB02-124-006	CHINOOK	81	89	4				19	Y		
HS201635-CB02-124-007	CHINOOK	67	72	2				20	Y		
HS201635-CB02-124-008	CHINOOK	68	75	3				21	Y		
HS201635-CB02-124-009	CHINOOK	73	80	2				22	Y		
HS201635-CB03-124-001	CHINOOK	69	75	4				23	Y		
HS201635-CB03-124-002	CHINOOK	90	98	7				24	Y		
HS201635-CB03-124-003	CHINOOK	77	86	5	Y	AD		25	Y		
HS201635-CB03-124-004	CHINOOK	72	79	4				26	Y		
HS201635-CB03-124-005	CHINOOK	72	79	4				27	Y		
HS201635-CB03-124-006	CHINOOK	74	80	3	Y	AD		28	Y		
HS201635-CB05-124-001	CHINOOK	97	106	10				29	Y		
HS201635-CB07-124-001	CHINOOK	77	83	4				30	Y		
HS201635-CB07-124-002	CHINOOK	82	90	6	Y	AD		31	Y		
HS201635-CB07-124-003	CHINOOK	77	84	5				32	Y		
HS201635-CB07-124-004	CHINOOK	87	95	7				33	Y		
HS201635-CB07-124-005	CHINOOK	86	95	7				34	Y		
HS201635-CB07-124-006	CHINOOK	78	85	5				35	Y		
HS201635-CB07-124-007	CHINOOK	60	67	2				36	Y		
HS201635-CB07-124-008	CHINOOK	82	89	5				37	Y		
HS201635-CB07-124-009	CHINOOK	80	88	5				38	Y		
HS201635-CB07-124-010	CHINOOK	82	89	5				39	Y		
HS201635-CB07-124-011	CHINOOK	77	85	4				40	Y		
HS201635-CB07-124-012	CHINOOK	80	89	5				41	Y		
HS201635-CB07-124-013	CHINOOK	71	77	4				42	Y		
HS201635-CB07-124-014	CHINOOK	71	78	3				43	Y		
HS201635-CB07-124-015	CHINOOK	82	91	6				44	Y		
HS201635-CB07-124-016	CHINOOK	74							N		
HS201635-CB07-124-017	CHINOOK	79			Y	AD			Y		CWT 1
HS201635-CB07-124-018	CHINOOK	74							N		
HS201635-CB07-124-019	CHINOOK	78							N		
HS201635-CB07-124-020	CHINOOK	75			Y	AD			Y		CWT 2
HS201635-CB07-124-021	CHINOOK	76			Y	AD			Y		CWT 3
HS201635-CB07-124-022	CHINOOK	84							N		
HS201635-CB07-124-023	CHINOOK	74							N		
HS201635-CB07-124-024	CHINOOK	78							N		
HS201635-CB07-124-025	CHINOOK	106			Y	AD			Y		CWT 4
HS201635-CB07-124-026	CHINOOK	70			Y	AD			Y		CWT 5
HS201635-CB07-124-027	CHINOOK	77							N		
HS201635-CB07-124-028	CHINOOK	90							N		
HS201635-CB07-124-029	CHINOOK	97							N		
HS201635-CB07-124-030	CHINOOK	74							N		
HS201635-CB07-124-031	CHINOOK	80							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB07-124-032	CHINOOK	81							N		
HS201635-CB07-124-033	CHINOOK	70							N		
HS201635-CB07-124-034	CHINOOK	71							N		
HS201635-CB07-124-035	CHINOOK	79							N		
HS201635-CB07-124-036	CHINOOK	81							N		
HS201635-CB07-124-037	CHINOOK	77							N		
HS201635-CB07-124-038	CHINOOK	98			Y	AD			Y		CWT 6
HS201635-CB07-124-039	CHINOOK	84			Y	AD			Y		CWT 7
HS201635-CB07-124-040	CHINOOK	77							N		
HS201635-CB07-124-041	CHINOOK	100							N		
HS201635-CB07-124-042	CHINOOK	81			Y	AD			Y		CWT 8
HS201635-CB07-124-043	CHINOOK	81							N		
HS201635-CB07-124-044	CHINOOK	83							N		
HS201635-CB07-124-045	CHINOOK	78			Y	AD			Y		CWT 9
HS201635-CB07-124-046	CHINOOK	80							N		
HS201635-CB07-124-047	CHINOOK	78				AD			N		
HS201635-CB07-124-048	CHINOOK	76							N		
HS201635-CB07-124-049	CHINOOK	88			Y	AD			Y		CWT 10
HS201635-CB07-124-050	CHINOOK	77							N		
HS201635-CB07-124-051	CHINOOK	82							N		
HS201635-CB07-124-052	CHINOOK	78							N		
HS201635-CB07-124-053	CHINOOK	83							N		
HS201635-CB07-124-054	CHINOOK	75			Y	AD			N		
HS201635-CB07-124-055	CHINOOK	79							N		
HS201635-CB07-124-056	CHINOOK	78							N		
HS201635-CB07-124-057	CHINOOK	71			Y	AD			N		
HS201635-CB07-124-058	CHINOOK	77			Y	AD			N		
HS201635-CB07-124-059	CHINOOK	76							N		
HS201635-CB07-124-060	CHINOOK	92			Y	AD			N		
HS201635-CB07-124-061	CHINOOK	86							N		
HS201635-CB07-124-062	CHINOOK	101			Y	AD			N		
HS201635-CB07-124-063	CHINOOK	76							N		
HS201635-CB07-124-064	CHINOOK	82							N		
HS201635-CB07-124-065	CHINOOK	79							N		
HS201635-CB07-124-066	CHINOOK	65							N		
HS201635-CB07-124-067	CHINOOK	70							N		
HS201635-CB07-124-068	CHINOOK	80							N		
HS201635-CB07-124-069	CHINOOK	68							N		
HS201635-CB07-124-070	CHINOOK	70							N		
HS201635-CB07-124-071	CHINOOK	64							N		
HS201635-CB07-124-072	CHINOOK	82			Y	AD			N		
HS201635-CB07-124-073	CHINOOK	80							N		
HS201635-CB07-124-074	CHINOOK	66							N		
HS201635-CB07-124-075	CHINOOK	70							N		
HS201635-CB07-124-076	CHINOOK	80							N		
HS201635-CB07-124-077	CHINOOK	80							N		
HS201635-CB07-124-078	CHINOOK	80							N		
HS201635-CB07-124-079	CHINOOK	80							N		
HS201635-CB07-124-080	CHINOOK	76			Y	AD			N		
HS201635-CB07-124-081	CHINOOK	79							N		
HS201635-CB07-124-082	CHINOOK	82			Y	AD			N		
HS201635-CB07-124-083	CHINOOK	79							N		
HS201635-CB07-124-084	CHINOOK	74							N		
HS201635-CB07-124-085	CHINOOK	77							N		
HS201635-CB07-124-086	CHINOOK	61							N		
HS201635-CB07-124-087	CHINOOK	80			Y	AD			N		
HS201635-CB07-124-088	CHINOOK	76							N		
HS201635-CB07-124-089	CHINOOK	83							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB07-124-090	CHINOOK	74							N		
HS201635-CB07-124-091	CHINOOK	84							N		
HS201635-CB08-124-001	CHINOOK	66	72	3				45	Y		
HS201635-CB08-124-002	CHINOOK	97	105	9	Y	AD		46	Y		
HS201635-CB08-124-003	CHINOOK	101	110	10	Y	AD		47	Y		
HS201635-CB09-124-001	CHINOOK	73	81	4		AD		48	Y		
HS201635-CB09-124-002	CHINOOK	89	98	7				49	Y		
HS201635-CB09-124-003	CHINOOK	73	79	3				50	Y		
HS201635-CB09-124-004	CHINOOK	88	96	7				51	Y		
HS201635-CB09-124-005	CHINOOK	70	76	3				52	Y		
HS201635-CB09-124-006	CHINOOK	73	79	4				53	Y		
HS201635-CB09-124-007	CHINOOK	82	91	6				54	Y		
HS201635-CB09-124-008	CHINOOK	86	92	7	Y	AD		55	Y		
HS201635-CB09-124-009	CHINOOK	85	92	7				56	Y		
HS201635-CB09-124-010	CHINOOK	73	81	4				57	Y		
HS201635-CB09-124-011	CHINOOK	81	88	6				58	Y		
HS201635-CB09-124-012	CHINOOK	83	91	6				59	Y		
HS201635-CB09-124-013	CHINOOK	90	98	8	Y	AD		60	Y		
HS201635-CB09-124-014	CHINOOK	82	91	6				61	Y		
HS201635-CB09-124-015	CHINOOK	83	90	6		AD		62	Y		
HS201635-CB09-124-016	CHINOOK	92			Y	AD			N		CWT 1
HS201635-CB09-124-017	CHINOOK	85							N		
HS201635-CB09-124-018	CHINOOK	71							N		
HS201635-CB09-124-019	CHINOOK	82			Y	AD			N		CWT 2
HS201635-CB09-124-020	CHINOOK	81							N		
HS201635-CB09-124-021	CHINOOK	77			Y	AD			N		CWT 3
HS201635-CB09-124-022	CHINOOK	81			Y	AD			N		CWT 4
HS201635-CB09-124-023	CHINOOK	73			Y	AD			N		CWT 5
HS201635-CB09-124-024	CHINOOK	86			Y	AD			N		CWT 6
HS201635-CB09-124-025	CHINOOK	73			Y	AD			N		CWT 7
HS201635-CB09-124-026	CHINOOK	82							N		
HS201635-CB09-124-027	CHINOOK	73							N		
HS201635-CB09-124-028	CHINOOK	90			Y	AD			N		CWT 8
HS201635-CB09-124-029	CHINOOK	78							N		
HS201635-CB09-124-030	CHINOOK	78							N		
HS201635-CB09-124-031	CHINOOK	80							N		
HS201635-CB09-124-032	CHINOOK	71							N		
HS201635-CB09-124-033	CHINOOK	72							N		
HS201635-CB09-124-034	CHINOOK	81			Y	AD			N		CWT 9
HS201635-CB09-124-035	CHINOOK	83			Y	AD			N		CWT 10
HS201635-CB09-124-036	CHINOOK	82							N		
HS201635-CB09-124-037	CHINOOK	76							N		
HS201635-CB09-124-038	CHINOOK	71							N		
HS201635-CB09-124-039	CHINOOK	80							N		
HS201635-CB09-124-040	CHINOOK	67							N		
HS201635-CB09-124-041	CHINOOK	85							N		
HS201635-CB09-124-042	CHINOOK	79							N		
HS201635-CB09-124-043	CHINOOK	87							N		
HS201635-CB09-124-044	CHINOOK	80							N		
HS201635-CB09-124-045	CHINOOK	75							N		
HS201635-CB09-124-046	CHINOOK	97							N		
HS201635-CB09-124-047	CHINOOK	75			Y	AD			N		
HS201635-CB09-124-048	CHINOOK	57							N		
HS201635-CB09-124-049	CHINOOK	82							N		
HS201635-CB09-124-050	CHINOOK	65							N		
HS201635-CB09-124-051	CHINOOK	85			Y	AD			N		
HS201635-CB09-124-052	CHINOOK	85							N		
HS201635-CB09-124-053	CHINOOK	75							N		
HS201635-CB09-124-054	CHINOOK	84							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB09-124-055	CHINOOK	83							N		
HS201635-CB09-124-056	CHINOOK	80							N		
HS201635-CB09-124-057	CHINOOK	74			Y	AD			N		
HS201635-CB09-124-058	CHINOOK	68							N		
HS201635-CB09-124-059	CHINOOK	76			Y	AD			N		
HS201635-CB09-124-060	CHINOOK	63							N		
HS201635-CB09-124-061	CHINOOK	81			Y	AD			N		
HS201635-CB09-124-062	CHINOOK	78							N		
HS201635-CB09-124-063	CHINOOK	80			Y	AD			N		
HS201635-CB09-124-064	CHINOOK	86							N		
HS201635-CB09-124-065	CHINOOK	80							N		
HS201635-CB09-124-066	CHINOOK	77							N		
HS201635-CB09-124-067	CHINOOK	71							N		
HS201635-CB09-124-068	CHINOOK	72			Y	AD			N		
HS201635-CB09-124-069	CHINOOK	77							N		
HS201635-CB09-124-070	CHINOOK	91			Y	AD			N		
HS201635-CB09-124-071	CHINOOK	85			Y	AD			N		
HS201635-CB09-124-072	CHINOOK	75			Y	AD			N		
HS201635-CB09-124-073	CHINOOK	66							N		
HS201635-CB09-124-074	CHINOOK	82			Y	AD			N		
HS201635-CB09-124-075	CHINOOK	95							N		
HS201635-CB09-124-076	CHINOOK	69							N		
HS201635-CB09-124-077	CHINOOK	82							N		
HS201635-CB09-124-078	CHINOOK	64							N		
HS201635-CB09-124-079	CHINOOK	82							N		
HS201635-CB09-124-080	CHINOOK	79							N		
HS201635-CB09-124-081	CHINOOK	85							N		
HS201635-CB09-124-082	CHINOOK	81							N		
HS201635-CB09-124-083	CHINOOK	90			Y	AD			N		
HS201635-CB09-124-084	CHINOOK	72			Y	AD			N		
HS201635-CB09-124-085	CHINOOK	90							N		
HS201635-CB09-124-086	CHINOOK	80							N		
HS201635-CB09-124-087	CHINOOK	95			Y	AD			N		
HS201635-CB09-124-088	CHINOOK	88							N		
HS201635-CB09-124-089	CHINOOK	85							N		
HS201635-CB09-124-090	CHINOOK	82							N		
HS201635-CB09-124-091	CHINOOK	74							N		
HS201635-CB09-124-092	CHINOOK	67							N		
HS201635-CB09-124-093	CHINOOK	90							N		
HS201635-CB09-124-094	CHINOOK	72							N		
HS201635-CB09-124-095	CHINOOK	76							N		
HS201635-CB09-124-096	CHINOOK	83							N		
HS201635-CB09-124-097	CHINOOK	71							N		
HS201635-CB09-124-098	CHINOOK	80							N		
HS201635-CB09-124-099	CHINOOK	80							N		
HS201635-CB09-124-100	CHINOOK	80			Y	AD			N		
HS201635-CB09-124-101	CHINOOK	83							N		
HS201635-CB09-124-102	CHINOOK	74							N		
HS201635-CB09-124-103	CHINOOK	89			Y	AD			N		
HS201635-CB09-124-104	CHINOOK	81							N		
HS201635-CB09-124-105	CHINOOK	72							N		
HS201635-CB09-124-106	CHINOOK	89							N		
HS201635-CB09-124-107	CHINOOK	72							N		
HS201635-CB09-124-108	CHINOOK	79			Y	AD			N		
HS201635-CB09-124-109	CHINOOK	79							N		
HS201635-CB09-124-110	CHINOOK	82			Y	AD			N		
HS201635-CB09-124-111	CHINOOK	70							N		
HS201635-CB09-124-112	CHINOOK	77							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB09-124-113	CHINOOK	70							N		
HS201635-CB09-124-114	CHINOOK	60							N		
HS201635-CB10-124-001	CHINOOK	95	104	9	Y	AD		63	Y		
HS201635-CB10-124-002	CHINOOK	95	101	9				64	Y		
HS201635-CB10-124-003	CHINOOK	103	112	12	Y	AD		65	Y		
HS201635-CB10-124-004	CHINOOK	97	105	9		AD		66	Y		
HS201635-CB10-124-005	CHINOOK	95	104	8				67	Y		
HS201635-CB11-124-001	CHINOOK	82	90	5				68	Y		
HS201635-CB11-124-002	CHINOOK	81	87	5	Y	AD		69	Y		
HS201635-CB11-124-003	CHINOOK	79	87	5	Y	AD		70	Y		
HS201635-CB11-124-004	CHINOOK	80	87	5				71	Y		
HS201635-CB11-124-005	CHINOOK	75	82	4				72	Y		
HS201635-CB11-124-006	CHINOOK	72	78	4	Y	AD		73	Y		
HS201635-CB11-124-007	CHINOOK	93	102	8				74	Y		
HS201635-CB11-124-008	CHINOOK	77	84	5				75	Y		
HS201635-CB11-124-009	CHINOOK	91	100	8				76	Y		
HS201635-CB11-124-010	CHINOOK	92	101	8				77	Y		
HS201635-CB11-124-011	CHINOOK	83	91	6				78	Y		
HS201635-CB11-124-012	CHINOOK	71	79	4				79	Y		
HS201635-CB11-124-013	CHINOOK	77	86	4				80	Y		
HS201635-CB11-124-014	CHINOOK	91	98	8	Y	AD		81	Y		
HS201635-CB11-124-015	CHINOOK	75	83	4				82	Y		
HS201635-CB11-124-016	CHINOOK	68							N		
HS201635-CB11-124-017	CHINOOK	74							N		
HS201635-CB11-124-018	CHINOOK	86							N		
HS201635-CB11-124-019	CHINOOK	76							N		
HS201635-CB11-124-020	CHINOOK	81							N		
HS201635-CB11-124-021	CHINOOK	116			Y	AD			N		CWT 1
HS201635-CB11-124-022	CHINOOK	83							N		
HS201635-CB11-124-023	CHINOOK	82							N		
HS201635-CB11-124-024	CHINOOK	77			Y	AD			N		CWT 2
HS201635-CB11-124-025	CHINOOK	78							N		
HS201635-CB11-124-026	CHINOOK	89							N		
HS201635-CB11-124-027	CHINOOK	59							N		
HS201635-CB11-124-028	CHINOOK	75							N		
HS201635-CB11-124-029	CHINOOK	76							N		
HS201635-CB11-124-030	CHINOOK	80							N		
HS201635-CB11-124-031	CHINOOK	76							N		
HS201635-CB11-124-032	CHINOOK	69							N		
HS201635-CB11-124-033	CHINOOK	68							N		
HS201635-CB11-124-034	CHINOOK	79			Y	AD			N		CWT 3
HS201635-CB11-124-035	CHINOOK	70							N		
HS201635-CB11-124-036	CHINOOK	82							N		
HS201635-CB11-124-037	CHINOOK	83							N		
HS201635-CB11-124-038	CHINOOK	72							N		
HS201635-CB11-124-039	CHINOOK	62							N		
HS201635-CB11-124-040	CHINOOK	61							N		
HS201635-CB11-124-041	CHINOOK	72							N		
HS201635-CB11-124-042	CHINOOK	64							N		
HS201635-CB11-124-043	CHINOOK	72							N		
HS201635-CB11-124-044	CHINOOK	65							N		
HS201635-CB11-124-045	CHINOOK	70							N		
HS201635-CB11-124-046	CHINOOK	67							N		
HS201635-CB11-124-047	CHINOOK	80			Y	AD			N		CWT 4
HS201635-CB12-124-001	CHINOOK	71	78	5				83	Y		
HS201635-CB12-124-002	CHINOOK	96	103	10				84	Y		
HS201635-CB12-124-003	CHINOOK	90	98	8				85	Y		
HS201635-CB12-124-004	CHINOOK	76	82	6				86	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB12-124-005	CHINOOK	67	75	4				87	Y		
HS201635-CB12-124-006	CHINOOK	84	91	7	Y	AD		88	Y		
HS201635-HW01-124-001	CHINOOK	93	103	8				89	Y		
HS201635-HW01-124-002	CHINOOK	99	110	9				90	Y		
HS201635-HW01-124-003	CHINOOK	94	104	9				91	Y		
HS201635-HW01-124-004	CHINOOK	90	98	8				92	Y		
HS201635-HW01-124-005	CHINOOK	90	99	8				93	Y		
HS201635-HW01-124-006	CHINOOK	97	107	9				94	Y		
HS201635-HW01-124-007	CHINOOK	73	80	4				95	Y		
HS201635-HW01-124-008	CHINOOK	89	97	6				96	Y		
HS201635-HW01-124-009	CHINOOK	80	88	5				97	Y		
HS201635-HW01-124-010	CHINOOK	95	106	9				98	Y		
HS201635-HW01-124-011	CHINOOK	97	107	9				99	Y		
HS201635-HW01-124-012	CHINOOK	91	100	8				100	Y		
HS201635-HW01-124-013	CHINOOK	97	108	7				101	Y		
HS201635-HW01-124-014	CHINOOK	104	115	11				102	Y		
HS201635-HW01-124-015	CHINOOK	89	98	6				103	Y		
HS201635-HW01-124-016	CHINOOK	109							N		
HS201635-HW01-124-017	CHINOOK	76							N		
HS201635-HW01-124-018	CHINOOK	85							N		
HS201635-HW01-124-019	CHINOOK	70							N		
HS201635-HW01-124-020	CHINOOK	95							N		
HS201635-HW01-124-021	CHINOOK	95							N		
HS201635-HW01-124-022	CHINOOK	106							N		
HS201635-HW01-124-023	CHINOOK	75							N		
HS201635-HW01-124-024	CHINOOK	90							N		
HS201635-HW01-124-025	CHINOOK	88							N		
HS201635-HW01-124-026	CHINOOK	80							N		
HS201635-HW01-124-027	CHINOOK	89							N		
HS201635-HW01-124-028	CHINOOK	88							N		
HS201635-HW01-124-029	CHINOOK	103							N		
HS201635-HW01-124-030	CHINOOK	92							N		
HS201635-HW01-124-031	CHINOOK	121							N		
HS201635-HW01-124-032	CHINOOK	88							N		
HS201635-HW01-124-033	CHINOOK	86							N		
HS201635-HW01-124-034	CHINOOK	92							N		
HS201635-HW01-124-035	CHINOOK	66							N		
HS201635-HW01-124-036	CHINOOK	79							N		
HS201635-HW01-124-037	CHINOOK	82							N		
HS201635-HW01-124-038	CHINOOK	105							N		
HS201635-HW01-124-039	CHINOOK	92							N		
HS201635-HW01-124-040	CHINOOK	97							N		
HS201635-HW01-124-041	CHINOOK	84							N		
HS201635-HW01-124-042	CHINOOK	85							N		
HS201635-HW01-124-043	CHINOOK	88							N		
HS201635-HW01-124-044	CHINOOK	92							N		
HS201635-HW01-124-045	CHINOOK	81							N		
HS201635-HW01-124-046	CHINOOK	87							N		
HS201635-HW01-124-047	CHINOOK	87							N		
HS201635-HW01-124-048	CHINOOK	80							N		
HS201635-HW01-124-049	CHINOOK	99							N		
HS201635-HW01-124-050	CHINOOK	94							N		
HS201635-HW01-124-051	CHINOOK	88							N		
HS201635-HW01-124-052	CHINOOK	94							N		
HS201635-HW01-124-053	CHINOOK	89							N		
HS201635-HW01-124-054	CHINOOK	90							N		
HS201635-HW01-124-055	CHINOOK	89							N		
HS201635-HW01-124-056	CHINOOK	93							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-HW01-124-057	CHINOOK	103							N		
HS201635-HW01-124-058	CHINOOK	90							N		
HS201635-HW01-124-059	CHINOOK	96							N		
HS201635-HW01-124-060	CHINOOK	83							N		
HS201635-HW01-124-061	CHINOOK	67							N		
HS201635-HW01-124-062	CHINOOK	64							N		
HS201635-HW01-124-063	CHINOOK	92							N		
HS201635-HW01-124-064	CHINOOK	95							N		
HS201635-HW01-124-065	CHINOOK	89							N		
HS201635-HW01-124-066	CHINOOK	92							N		
HS201635-HW01-124-067	CHINOOK	90							N		
HS201635-HW01-124-068	CHINOOK	96							N		
HS201635-HW01-124-069	CHINOOK	99							N		
HS201635-HW01-124-070	CHINOOK	65							N		
HS201635-HW01-124-071	CHINOOK	80							N		
HS201635-HW01-124-072	CHINOOK	89							N		
HS201635-HW01-124-073	CHINOOK	64							N		
HS201635-HW01-124-074	CHINOOK	118							N		
HS201635-HW01-124-075	CHINOOK	74							N		
HS201635-HW01-124-076	CHINOOK	56							N		
HS201635-HW01-124-077	CHINOOK	82							N		
HS201635-HW01-124-078	CHINOOK	75							N		
HS201635-HW01-124-079	CHINOOK	62							N		
HS201635-HW01-124-080	CHINOOK	56							N		
HS201635-HW01-124-081	CHINOOK	73							N		
HS201635-HW01-124-082	CHINOOK	90							N		
HS201635-HW01-124-083	CHINOOK	85							N		
HS201635-HW01-124-084	CHINOOK	95							N		
HS201635-HW02-124-001	CHINOOK	89	97	7				104	Y		
HS201635-HW03-124-001	CHINOOK	133	149	24				105	Y		
HS201635-HW03-124-002	CHINOOK	94	103	8				106	Y		
HS201635-HW03-124-003	CHINOOK	97	109	9				107	Y		
HS201635-HW03-124-004	CHINOOK	105	116	12				108	Y		
HS201635-HW03-124-005	CHINOOK	95	105	9				109	Y		
HS201635-HW03-124-006	CHINOOK	90	100	9				110	Y		
HS201635-HW03-124-007	CHINOOK	77	86	5				111	Y		
HS201635-HW03-124-008	CHINOOK	55	61	2				112	Y		
HS201635-HW03-124-009	CHINOOK	87	96	7				113	Y		
HS201635-HW03-124-010	CHINOOK	85	95	7				114	Y		
HS201635-HW03-124-011	CHINOOK	91	101	8				115	Y		
HS201635-HW03-124-012	CHINOOK	80	87	5				116	Y		
HS201635-HW03-124-013	CHINOOK	100	111	10				117	Y		
HS201635-HW03-124-014	CHINOOK	80	88	5				118	Y		
HS201635-HW03-124-015	CHINOOK	75	83	5				119	Y		
HS201635-HW03-124-016	CHINOOK	88							N		
HS201635-HW03-124-017	CHINOOK	82	88	6	Y	AD		120	Y		
HS201635-HW03-124-018	CHINOOK	94							N		
HS201635-HW03-124-019	CHINOOK	75							N		
HS201635-HW03-124-020	CHINOOK	65							N		
HS201635-HW03-124-021	CHINOOK	82							N		
HS201635-HW03-124-022	CHINOOK	61							N		
HS201635-HW03-124-023	CHINOOK	85							N		
HS201635-HW03-124-024	CHINOOK	91							N		
HS201635-HW03-124-025	CHINOOK	70							N		
HS201635-HW05-124-001	CHINOOK	181	196	62				121	Y		
HS201635-HW05-124-002	CHINOOK	90	99	8				122	Y		
HS201635-HW05-124-003	CHINOOK	61	67	2				123	Y		
HS201635-HW05-124-004	CHINOOK	90	100	8				124	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-HW05-124-005	CHINOOK	306	340	334				125	Y		
HS201635-HW05-124-006	CHINOOK	91	100	8				126	Y		
HS201635-HW05-124-007	CHINOOK	83	92	6				127	Y		
HS201635-HW07-124-001	CHINOOK	127	142	20	Y	AD		128	Y		
HS201635-HW07-124-002	CHINOOK	58	64	2				129	Y		
HS201635-HW07-124-003	CHINOOK	76	83	4				130	Y		
HS201635-HW07-124-004	CHINOOK	100	110	12				131	Y		
HS201635-HW07-124-005	CHINOOK	64	71	2				132	Y		
HS201635-HW07-124-006	CHINOOK	76	84	5				133	Y		
HS201635-HW07-124-007	CHINOOK	65	71	3				134	Y		
HS201635-HW07-124-008	CHINOOK	81	90	6				135	Y		
HS201635-HW07-124-009	CHINOOK	92	102	8				136	Y		
HS201635-HW07-124-010	CHINOOK	68	75	4				137	Y		
HS201635-HW07-124-011	CHINOOK	78	86	5				138	Y		
HS201635-HW07-124-012	CHINOOK	67	74	3				139	Y		
HS201635-HW07-124-013	CHINOOK	66	74	3				140	Y		
HS201635-HW07-124-014	CHINOOK	70	77	3				141	Y		
HS201635-HW07-124-015	CHINOOK	68	76	3				142	Y		
HS201635-HW08-124-001	CHINOOK	74	81	4				143	Y		
HS201635-HW08-124-002	CHINOOK	91	104	8				144	Y		
HS201635-HW08-124-003	CHINOOK	94	103	9				145	Y		
HS201635-HW09-124-001	CHINOOK	74	81	4				146	Y		
HS201635-HW09-124-002	CHINOOK	76	85	4				147	Y		
HS201635-HW09-124-003	CHINOOK	81	90	5				148	Y		
HS201635-HW09-124-004	CHINOOK	80	89	5				149	Y		
HS201635-HW09-124-005	CHINOOK	85	96	6				150	Y		
HS201635-HW09-124-006	CHINOOK	77	86	4				151	Y		
HS201635-HW12-124-001	CHINOOK	141	155	26	Y	AD		152	Y		
HS201635-HW13-124-001	CHINOOK	123	137	17				153	Y		
HS201635-HW13-124-002	CHINOOK	140	154	25	Y	AD		154	Y		
HS201635-HW13-124-003	CHINOOK	124	135	17	Y	AD		155	Y		
HS201635-HW13-124-004	CHINOOK	126	141	20	Y	AD		156	Y		
HS201635-HW13-124-005	CHINOOK	127	141	21	Y	AD		157	Y		
HS201635-HW17-124-001	CHINOOK	84	90	5	Y	AD		158	Y		
HS201635-HW17-124-002	CHINOOK	126	140	20	Y	AD		159	Y		
HS201635-HW17-124-003	CHINOOK	130	145	22	Y	AD		160	Y		
HS201635-HW18-124-001	CHINOOK	90	100	7				161	Y		
HS201635-HW19-124-001	CHINOOK	91	102	8				162	Y		
HS201635-CB01-112-001	CHUM	89							N		
HS201635-CB01-112-002	CHUM	80							N		
HS201635-CB01-112-003	CHUM	112							N		
HS201635-CB01-112-004	CHUM	91							N		
HS201635-CB01-112-005	CHUM	77							N		
HS201635-CB01-112-006	CHUM	78							N		
HS201635-CB01-112-007	CHUM	92							N		
HS201635-CB01-112-008	CHUM	97							N		
HS201635-CB01-112-009	CHUM	100							N		
HS201635-CB01-112-010	CHUM	100							N		
HS201635-CB01-112-011	CHUM	74							N		
HS201635-CB01-112-012	CHUM	75							N		
HS201635-CB01-112-013	CHUM	71							N		
HS201635-CB01-112-014	CHUM	96							N		
HS201635-CB01-112-015	CHUM	113							N		
HS201635-CB01-112-016	CHUM	90							N		
HS201635-CB01-112-017	CHUM	107							N		
HS201635-CB01-112-018	CHUM	103							N		
HS201635-CB01-112-019	CHUM	99							N		
HS201635-CB01-112-020	CHUM	95							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB01-112-021	CHUM	73							N		
HS201635-CB01-112-022	CHUM	108							N		
HS201635-CB01-112-023	CHUM	95							N		
HS201635-CB01-112-024	CHUM	79							N		
HS201635-CB01-112-025	CHUM	80							N		
HS201635-CB01-112-026	CHUM	95							N		
HS201635-CB01-112-027	CHUM	75							N		
HS201635-CB01-112-028	CHUM	90							N		
HS201635-CB01-112-029	CHUM	85							N		
HS201635-CB01-112-030	CHUM	97							N		
HS201635-CB01-112-031	CHUM	73							N		
HS201635-CB01-112-032	CHUM	70							N		
HS201635-CB01-112-033	CHUM	77							N		
HS201635-CB01-112-034	CHUM	102							N		
HS201635-CB01-112-035	CHUM	111							N		
HS201635-CB01-112-036	CHUM	70							N		
HS201635-CB01-112-037	CHUM	83							N		
HS201635-CB01-112-038	CHUM	74							N		
HS201635-CB01-112-039	CHUM	95							N		
HS201635-CB01-112-040	CHUM	75							N		
HS201635-CB01-112-041	CHUM	73							N		
HS201635-CB01-112-042	CHUM	75							N		
HS201635-CB01-112-043	CHUM	83							N		
HS201635-CB01-112-044	CHUM	67							N		
HS201635-CB01-112-045	CHUM	79							N		
HS201635-CB01-112-046	CHUM	80							N		
HS201635-CB01-112-047	CHUM	72							N		
HS201635-CB01-112-048	CHUM	69							N		
HS201635-CB01-112-049	CHUM	107							N		
HS201635-CB01-112-050	CHUM	73							N		
HS201635-CB01-112-051	CHUM	85							N		
HS201635-CB01-112-052	CHUM	75							N		
HS201635-CB01-112-053	CHUM	78							N		
HS201635-CB01-112-054	CHUM	85							N		
HS201635-CB01-112-055	CHUM	78							N		
HS201635-CB01-112-056	CHUM	73							N		
HS201635-CB01-112-057	CHUM	98							N		
HS201635-CB01-112-058	CHUM	76							N		
HS201635-CB01-112-059	CHUM	80							N		
HS201635-CB02-112-001	CHUM	105							N		
HS201635-CB02-112-002	CHUM	96							N		
HS201635-CB02-112-003	CHUM	101							N		
HS201635-CB02-112-004	CHUM	104							N		
HS201635-CB02-112-005	CHUM	70							N		
HS201635-CB02-112-006	CHUM	110							N		
HS201635-CB02-112-007	CHUM	83							N		
HS201635-CB02-112-008	CHUM	86							N		
HS201635-CB02-112-009	CHUM	101							N		
HS201635-CB02-112-010	CHUM	81							N		
HS201635-CB02-112-011	CHUM	85							N		
HS201635-CB02-112-012	CHUM	75							N		
HS201635-CB02-112-013	CHUM	94							N		
HS201635-CB02-112-014	CHUM	75							N		
HS201635-CB02-112-015	CHUM	94							N		
HS201635-CB02-112-016	CHUM	76							N		
HS201635-CB02-112-017	CHUM	100							N		
HS201635-CB02-112-018	CHUM	77							N		
HS201635-CB02-112-019	CHUM	110							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB02-112-020	CHUM	79							N		
HS201635-CB02-112-021	CHUM	106							N		
HS201635-CB02-112-022	CHUM	76							N		
HS201635-CB02-112-023	CHUM	105							N		
HS201635-CB02-112-024	CHUM	101							N		
HS201635-CB02-112-025	CHUM	98							N		
HS201635-CB02-112-026	CHUM	80							N		
HS201635-CB02-112-027	CHUM	73							N		
HS201635-CB02-112-028	CHUM	92							N		
HS201635-CB02-112-029	CHUM	95							N		
HS201635-CB02-112-030	CHUM	106							N		
HS201635-CB02-112-031	CHUM	102							N		
HS201635-CB02-112-032	CHUM	84							N		
HS201635-CB02-112-033	CHUM	77							N		
HS201635-CB02-112-034	CHUM	76							N		
HS201635-CB02-112-035	CHUM	111							N		
HS201635-CB02-112-036	CHUM	76							N		
HS201635-CB02-112-037	CHUM	86							N		
HS201635-CB02-112-038	CHUM	89							N		
HS201635-CB02-112-039	CHUM	97							N		
HS201635-CB02-112-040	CHUM	85							N		
HS201635-CB02-112-041	CHUM	97							N		
HS201635-CB02-112-042	CHUM	95							N		
HS201635-CB02-112-043	CHUM	74							N		
HS201635-CB02-112-044	CHUM	95							N		
HS201635-CB02-112-045	CHUM	72							N		
HS201635-CB02-112-046	CHUM	109							N		
HS201635-CB02-112-047	CHUM	99							N		
HS201635-CB02-112-048	CHUM	105							N		
HS201635-CB02-112-049	CHUM	78							N		
HS201635-CB02-112-050	CHUM	72							N		
HS201635-CB02-112-051	CHUM	70							N		
HS201635-CB02-112-052	CHUM	76							N		
HS201635-CB02-112-053	CHUM	104							N		
HS201635-CB03-112-001	CHUM	85							N		
HS201635-CB03-112-002	CHUM	75							N		
HS201635-CB03-112-003	CHUM	85							N		
HS201635-CB03-112-004	CHUM	75							N		
HS201635-CB03-112-005	CHUM	92							N		
HS201635-CB03-112-006	CHUM	97							N		
HS201635-CB03-112-007	CHUM	85							N		
HS201635-CB03-112-008	CHUM	98							N		
HS201635-CB03-112-009	CHUM	98							N		
HS201635-CB03-112-010	CHUM	73							N		
HS201635-CB03-112-011	CHUM	95							N		
HS201635-CB03-112-012	CHUM	94							N		
HS201635-CB03-112-013	CHUM	88							N		
HS201635-CB03-112-014	CHUM	107							N		
HS201635-CB03-112-015	CHUM	82							N		
HS201635-CB03-112-016	CHUM	82							N		
HS201635-CB03-112-017	CHUM	70							N		
HS201635-CB03-112-018	CHUM	82							N		
HS201635-CB03-112-019	CHUM	85							N		
HS201635-CB05-112-001	CHUM	100							N		
HS201635-CB05-112-002	CHUM	86							N		
HS201635-CB05-112-003	CHUM	108							N		
HS201635-CB05-112-004	CHUM	94							N		
HS201635-CB05-112-005	CHUM	102							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB05-112-006	CHUM	82							N		
HS201635-CB05-112-007	CHUM	106							N		
HS201635-CB05-112-008	CHUM	94							N		
HS201635-CB05-112-009	CHUM	81							N		
HS201635-CB05-112-010	CHUM	130							N		
HS201635-CB05-112-011	CHUM	98							N		
HS201635-CB05-112-012	CHUM	102							N		
HS201635-CB05-112-013	CHUM	103							N		
HS201635-CB05-112-014	CHUM	87							N		
HS201635-CB05-112-015	CHUM	85							N		
HS201635-CB05-112-016	CHUM	95							N		
HS201635-CB05-112-017	CHUM	110							N		
HS201635-CB05-112-018	CHUM	105							N		
HS201635-CB05-112-019	CHUM	85							N		
HS201635-CB05-112-020	CHUM	92							N		
HS201635-CB05-112-021	CHUM	80							N		
HS201635-CB05-112-022	CHUM	96							N		
HS201635-CB05-112-023	CHUM	106							N		
HS201635-CB05-112-024	CHUM	102							N		
HS201635-CB05-112-025	CHUM	81							N		
HS201635-CB05-112-026	CHUM	65							N		
HS201635-CB05-112-027	CHUM	73							N		
HS201635-CB05-112-028	CHUM	76							N		
HS201635-CB05-112-029	CHUM	95							N		
HS201635-CB05-112-030	CHUM	87							N		
HS201635-CB05-112-031	CHUM	78							N		
HS201635-CB05-112-032	CHUM	89							N		
HS201635-CB05-112-033	CHUM	97							N		
HS201635-CB05-112-034	CHUM	78							N		
HS201635-CB05-112-035	CHUM	83							N		
HS201635-CB05-112-036	CHUM	72							N		
HS201635-CB05-112-037	CHUM	106							N		
HS201635-CB05-112-038	CHUM	114							N		
HS201635-CB05-112-039	CHUM	74							N		
HS201635-CB05-112-040	CHUM	110							N		
HS201635-CB05-112-041	CHUM	75							N		
HS201635-CB05-112-042	CHUM	110							N		
HS201635-CB05-112-043	CHUM	97							N		
HS201635-CB05-112-044	CHUM	102							N		
HS201635-CB05-112-045	CHUM	80							N		
HS201635-CB05-112-046	CHUM	76							N		
HS201635-CB05-112-047	CHUM	97							N		
HS201635-CB05-112-048	CHUM	95							N		
HS201635-CB05-112-049	CHUM	77							N		
HS201635-CB05-112-050	CHUM	82							N		
HS201635-CB05-112-051	CHUM	71							N		
HS201635-CB05-112-052	CHUM	80							N		
HS201635-CB05-112-053	CHUM	74							N		
HS201635-CB05-112-054	CHUM	115							N		
HS201635-CB05-112-055	CHUM	67							N		
HS201635-CB05-112-056	CHUM	92							N		
HS201635-CB05-112-057	CHUM	71							N		
HS201635-CB05-112-058	CHUM	75							N		
HS201635-CB05-112-059	CHUM	77							N		
HS201635-CB05-112-060	CHUM	70							N		
HS201635-CB06-112-001	CHUM	76							N		
HS201635-CB06-112-002	CHUM	77							N		
HS201635-CB06-112-003	CHUM	95							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB06-112-004	CHUM	96							N		
HS201635-CB06-112-005	CHUM	96							N		
HS201635-CB06-112-006	CHUM	81							N		
HS201635-CB06-112-007	CHUM	108							N		
HS201635-CB06-112-008	CHUM	67							N		
HS201635-CB06-112-009	CHUM	79							N		
HS201635-CB06-112-010	CHUM	80							N		
HS201635-CB06-112-011	CHUM	103							N		
HS201635-CB06-112-012	CHUM	78							N		
HS201635-CB06-112-013	CHUM	99							N		
HS201635-CB06-112-014	CHUM	78							N		
HS201635-CB07-112-001	CHUM	75							N		
HS201635-CB07-112-002	CHUM	90							N		
HS201635-CB07-112-003	CHUM	78							N		
HS201635-CB07-112-004	CHUM	84							N		
HS201635-CB07-112-005	CHUM	80							N		
HS201635-CB07-112-006	CHUM	81							N		
HS201635-CB07-112-007	CHUM	73							N		
HS201635-CB07-112-008	CHUM	58							N		
HS201635-CB07-112-009	CHUM	80							N		
HS201635-CB07-112-010	CHUM	77							N		
HS201635-CB07-112-011	CHUM	72							N		
HS201635-CB07-112-012	CHUM	88							N		
HS201635-CB07-112-013	CHUM	82							N		
HS201635-CB07-112-014	CHUM	78							N		
HS201635-CB07-112-015	CHUM	67							N		
HS201635-CB07-112-016	CHUM	68							N		
HS201635-CB07-112-017	CHUM	91							N		
HS201635-CB07-112-018	CHUM	81							N		
HS201635-CB07-112-019	CHUM	72							N		
HS201635-CB07-112-020	CHUM	74							N		
HS201635-CB07-112-021	CHUM	71							N		
HS201635-CB07-112-022	CHUM	78							N		
HS201635-CB07-112-023	CHUM	96							N		
HS201635-CB07-112-024	CHUM	80							N		
HS201635-CB07-112-025	CHUM	78							N		
HS201635-CB07-112-026	CHUM	80							N		
HS201635-CB07-112-027	CHUM	76							N		
HS201635-CB07-112-028	CHUM	82							N		
HS201635-CB07-112-029	CHUM	91							N		
HS201635-CB07-112-030	CHUM	86							N		
HS201635-CB07-112-031	CHUM	76							N		
HS201635-CB07-112-032	CHUM	75							N		
HS201635-CB07-112-033	CHUM	75							N		
HS201635-CB07-112-034	CHUM	76							N		
HS201635-CB07-112-035	CHUM	75							N		
HS201635-CB07-112-036	CHUM	80							N		
HS201635-CB07-112-037	CHUM	81							N		
HS201635-CB07-112-038	CHUM	101							N		
HS201635-CB07-112-039	CHUM	71							N		
HS201635-CB07-112-040	CHUM	70							N		
HS201635-CB07-112-041	CHUM	75							N		
HS201635-CB07-112-042	CHUM	72							N		
HS201635-CB07-112-043	CHUM	75							N		
HS201635-CB07-112-044	CHUM	72							N		
HS201635-CB07-112-045	CHUM	89							N		
HS201635-CB07-112-046	CHUM	102							N		
HS201635-CB07-112-047	CHUM	84							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB07-112-048	CHUM	73							N		
HS201635-CB07-112-049	CHUM	88							N		
HS201635-CB07-112-050	CHUM	79							N		
HS201635-CB07-112-051	CHUM	82							N		
HS201635-CB07-112-052	CHUM	96							N		
HS201635-CB07-112-053	CHUM	77							N		
HS201635-CB07-112-054	CHUM	89							N		
HS201635-CB07-112-055	CHUM	68							N		
HS201635-CB07-112-056	CHUM	83							N		
HS201635-CB07-112-057	CHUM	79							N		
HS201635-CB07-112-058	CHUM	77							N		
HS201635-CB07-112-059	CHUM	76							N		
HS201635-CB07-112-060	CHUM	75							N		
HS201635-CB08-112-001	CHUM	82							N		
HS201635-CB08-112-002	CHUM	91							N		
HS201635-CB08-112-003	CHUM	72							N		
HS201635-CB09-112-001	CHUM	97							N		
HS201635-CB09-112-002	CHUM	88							N		
HS201635-CB09-112-003	CHUM	91							N		
HS201635-CB09-112-004	CHUM	85							N		
HS201635-CB09-112-005	CHUM	75							N		
HS201635-CB09-112-006	CHUM	89							N		
HS201635-CB09-112-007	CHUM	79							N		
HS201635-CB09-112-008	CHUM	88							N		
HS201635-CB09-112-009	CHUM	86							N		
HS201635-CB09-112-010	CHUM	76							N		
HS201635-CB09-112-011	CHUM	76							N		
HS201635-CB09-112-012	CHUM	85							N		
HS201635-CB09-112-013	CHUM	84							N		
HS201635-CB09-112-014	CHUM	92							N		
HS201635-CB09-112-015	CHUM	100							N		
HS201635-CB09-112-016	CHUM	84							N		
HS201635-CB09-112-017	CHUM	78							N		
HS201635-CB09-112-018	CHUM	92							N		
HS201635-CB09-112-019	CHUM	100							N		
HS201635-CB09-112-020	CHUM	90							N		
HS201635-CB09-112-021	CHUM	92							N		
HS201635-CB09-112-022	CHUM	81							N		
HS201635-CB09-112-023	CHUM	70							N		
HS201635-CB09-112-024	CHUM	86							N		
HS201635-CB09-112-025	CHUM	96							N		
HS201635-CB09-112-026	CHUM	96							N		
HS201635-CB09-112-027	CHUM	78							N		
HS201635-CB09-112-028	CHUM	80							N		
HS201635-CB09-112-029	CHUM	78							N		
HS201635-CB09-112-030	CHUM	72							N		
HS201635-CB09-112-031	CHUM	74							N		
HS201635-CB09-112-032	CHUM	81							N		
HS201635-CB09-112-033	CHUM	90							N		
HS201635-CB09-112-034	CHUM	76							N		
HS201635-CB09-112-035	CHUM	82							N		
HS201635-CB09-112-036	CHUM	70							N		
HS201635-CB09-112-037	CHUM	84							N		
HS201635-CB09-112-038	CHUM	88							N		
HS201635-CB09-112-039	CHUM	78							N		
HS201635-CB09-112-040	CHUM	80							N		
HS201635-CB09-112-041	CHUM	75							N		
HS201635-CB09-112-042	CHUM	83							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB09-112-043	CHUM	92							N		
HS201635-CB09-112-044	CHUM	72							N		
HS201635-CB09-112-045	CHUM	84							N		
HS201635-CB09-112-046	CHUM	70							N		
HS201635-CB09-112-047	CHUM	80							N		
HS201635-CB09-112-048	CHUM	73							N		
HS201635-CB09-112-049	CHUM	83							N		
HS201635-CB09-112-050	CHUM	88							N		
HS201635-CB09-112-051	CHUM	105							N		
HS201635-CB09-112-052	CHUM	70							N		
HS201635-CB09-112-053	CHUM	82							N		
HS201635-CB09-112-054	CHUM	102							N		
HS201635-CB09-112-055	CHUM	77							N		
HS201635-CB09-112-056	CHUM	82							N		
HS201635-CB09-112-057	CHUM	100							N		
HS201635-CB09-112-058	CHUM	88							N		
HS201635-CB09-112-059	CHUM	92							N		
HS201635-CB09-112-060	CHUM	76							N		
HS201635-CB10-112-001	CHUM	94							N		
HS201635-CB10-112-002	CHUM	89							N		
HS201635-CB10-112-003	CHUM	82							N		
HS201635-CB10-112-004	CHUM	74							N		
HS201635-CB10-112-005	CHUM	76							N		
HS201635-CB10-112-006	CHUM	99							N		
HS201635-CB10-112-007	CHUM	77							N		
HS201635-CB10-112-008	CHUM	80							N		
HS201635-CB10-112-009	CHUM	80							N		
HS201635-CB10-112-010	CHUM	97							N		
HS201635-CB10-112-011	CHUM	80							N		
HS201635-CB10-112-012	CHUM	74							N		
HS201635-CB11-112-001	CHUM	77							N		
HS201635-CB11-112-002	CHUM	97							N		
HS201635-CB11-112-003	CHUM	77							N		
HS201635-CB11-112-004	CHUM	85							N		
HS201635-CB11-112-005	CHUM	75							N		
HS201635-CB11-112-006	CHUM	92							N		
HS201635-CB11-112-007	CHUM	88							N		
HS201635-CB11-112-008	CHUM	76							N		
HS201635-CB11-112-009	CHUM	72							N		
HS201635-CB11-112-010	CHUM	87							N		
HS201635-CB11-112-011	CHUM	71							N		
HS201635-CB11-112-012	CHUM	77							N		
HS201635-CB11-112-013	CHUM	90							N		
HS201635-CB11-112-014	CHUM	82							N		
HS201635-CB11-112-015	CHUM	85							N		
HS201635-CB11-112-016	CHUM	97							N		
HS201635-CB11-112-017	CHUM	90							N		
HS201635-CB11-112-018	CHUM	81							N		
HS201635-CB11-112-019	CHUM	80							N		
HS201635-CB11-112-020	CHUM	83							N		
HS201635-CB11-112-021	CHUM	86							N		
HS201635-CB11-112-022	CHUM	106							N		
HS201635-CB11-112-023	CHUM	104							N		
HS201635-CB11-112-024	CHUM	81							N		
HS201635-CB11-112-025	CHUM	80							N		
HS201635-CB11-112-026	CHUM	81							N		
HS201635-CB11-112-027	CHUM	100							N		
HS201635-CB11-112-028	CHUM	100							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB11-112-029	CHUM	78							N		
HS201635-CB11-112-030	CHUM	75							N		
HS201635-CB11-112-031	CHUM	85							N		
HS201635-CB11-112-032	CHUM	96							N		
HS201635-CB11-112-033	CHUM	99							N		
HS201635-CB11-112-034	CHUM	87							N		
HS201635-CB11-112-035	CHUM	99							N		
HS201635-CB11-112-036	CHUM	77							N		
HS201635-CB11-112-037	CHUM	110							N		
HS201635-CB11-112-038	CHUM	90							N		
HS201635-CB11-112-039	CHUM	92							N		
HS201635-CB11-112-040	CHUM	92							N		
HS201635-CB11-112-041	CHUM	90							N		
HS201635-CB11-112-042	CHUM	72							N		
HS201635-CB11-112-043	CHUM	90							N		
HS201635-CB11-112-044	CHUM	92							N		
HS201635-CB11-112-045	CHUM	112							N		
HS201635-CB11-112-046	CHUM	86							N		
HS201635-CB12-112-001	CHUM	81							N		
HS201635-CB12-112-002	CHUM	90							N		
HS201635-CB12-112-003	CHUM	99							N		
HS201635-CB12-112-004	CHUM	75							N		
HS201635-HW01-112-001	CHUM	89							N		
HS201635-HW01-112-002	CHUM	70							N		
HS201635-HW01-112-003	CHUM	71							N		
HS201635-HW03-112-001	CHUM	80							N		
HS201635-HW03-112-002	CHUM	111							N		
HS201635-HW03-112-003	CHUM	81							N		
HS201635-HW03-112-004	CHUM	72							N		
HS201635-HW03-112-005	CHUM	71							N		
HS201635-HW03-112-006	CHUM	79							N		
HS201635-HW07-112-001	CHUM	77							N		
HS201635-HW08-112-001	CHUM	80							N		
HS201635-HW08-112-002	CHUM	83							N		
HS201635-HW08-112-003	CHUM	76							N		
HS201635-HW08-112-004	CHUM	75							N		
HS201635-HW08-112-005	CHUM	82							N		
HS201635-HW09-112-001	CHUM	71							N		
HS201635-HW09-112-002	CHUM	68							N		
HS201635-HW15-112-001	CHUM	130							N		
HS201635-HW15-112-002	CHUM	155							N		
HS201635-HW17-112-001	CHUM	80							N		
HS201635-HW17-112-002	CHUM	80							N		
HS201635-HW18-112-001	CHUM	75							N		
HS201635-HW18-112-002	CHUM	82							N		
HS201635-HW18-112-003	CHUM	75							N		
HS201635-CB02-115-001	COHO	121	135	18				9	Y		
HS201635-CB02-115-002	COHO	107	119	13				10	Y		
HS201635-CB02-115-003	COHO	102	111	9				11	Y		
HS201635-CB02-115-004	COHO	110	121	14				12	Y		
HS201635-CB02-115-005	COHO	104	113	12				13	Y		
HS201635-CB03-115-001	COHO	169	185	50				14	Y		
HS201635-CB03-115-002	COHO	168	184	45				15	Y		
HS201635-CB03-115-003	COHO	115	126	16				16	Y		
HS201635-CB03-115-004	COHO	159	175	42				17	Y		
HS201635-CB03-115-005	COHO	112	124	16				18	Y		
HS201635-CB03-115-006	COHO	110	122	14				19	Y		
HS201635-CB03-115-007	COHO	111	124	14				20	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-CB05-115-001	COHO	117	129	17				21	Y		
HS201635-CB05-115-002	COHO	119	131	18				22	Y		
HS201635-CB07-115-001	COHO	108	120	13				23	Y		
HS201635-CB07-115-002	COHO	120	134	17				24	Y		
HS201635-CB07-115-003	COHO	100	111	11				25	Y		
HS201635-CB07-115-004	COHO	115	127	16				26	Y		
HS201635-CB07-115-005	COHO	123	135	20				27	Y		
HS201635-CB07-115-006	COHO	115	125	16				28	Y		
HS201635-CB07-115-007	COHO	122	134	20				29	Y		
HS201635-CB07-115-008	COHO	106	115	13				30	Y		
HS201635-CB07-115-009	COHO	93	102	8				31	Y		
HS201635-CB09-115-001	COHO	163	180	55				32	Y		
HS201635-CB09-115-002	COHO	123	134	20				33	Y		
HS201635-CB09-115-003	COHO	106	116	13				34	Y		
HS201635-CB09-115-004	COHO	98	109	11				35	Y		
HS201635-CB11-115-001	COHO	127	140	21				36	Y		
HS201635-CB11-115-002	COHO	120	134	18				37	Y		
HS201635-CB12-115-001	COHO	130	142	25				38	Y		
HS201635-HW01-115-001	COHO	105	117	11				39	Y		
HS201635-HW01-115-002	COHO	90	100	9				40	Y		
HS201635-HW01-115-003	COHO	109	121	17				41	Y		
HS201635-HW01-115-004	COHO	94	103	9				42	Y		
HS201635-HW01-115-005	COHO	80	90	6				43	Y		
HS201635-HW01-115-006	COHO	103	114	12				44	Y		
HS201635-HW01-115-007	COHO	91	101	8				45	Y		
HS201635-HW02-115-001	COHO	118	130	17		AD		46	Y		
HS201635-HW02-115-002	COHO	121	136	16				47	Y		
HS201635-HW03-115-001	COHO	113	125	14				48	Y		
HS201635-HW03-115-002	COHO	90	101	8				49	Y		
HS201635-HW03-115-003	COHO	122	135	19				50	Y		
HS201635-HW03-115-004	COHO	121	133	19				51	Y		
HS201635-HW03-115-005	COHO	111	124	14				52	Y		
HS201635-HW03-115-006	COHO	119	132	17				53	Y		
HS201635-HW03-115-007	COHO	131	146	22				54	Y		
HS201635-HW05-115-001	COHO	132	145	24				55	Y		
HS201635-HW05-115-002	COHO	102	112	9				56	Y		
HS201635-HW07-115-001	COHO	102	112	10				57	Y		
HS201635-HW07-115-002	COHO	99	109	10				58	Y		
HS201635-HW08-115-001	COHO	107	120	13				59	Y		
HS201635-HW08-115-002	COHO	104	116	12				60	Y		
HS201635-HW08-115-003	COHO	101	112	11				61	Y		
HS201635-HW08-115-004	COHO	105	117	13				62	Y		
HS201635-HW09-115-001	COHO	101	111	10				63	Y		
HS201635-HW09-115-002	COHO	91	101	8				64	Y		
HS201635-HW09-115-003	COHO	98	109	10				65	Y		
HS201635-HW09-115-004	COHO	81	90	5				66	Y		
HS201635-HW11-115-001	COHO	76	85	5				67	Y		
HS201635-HW12-115-001	COHO	72	80	4				68	Y		
HS201635-HW13-115-001	COHO	66	72	3				69	Y		
HS201635-HW13-115-002	COHO	126	140	20		AD		70	Y		
HS201635-HW13-115-003	COHO	101	113	10				71	Y		
HS201635-HW17-115-001	COHO	82	91	5				72	Y		
HS201635-HW17-115-002	COHO	68	75	3				73	Y		
HS201635-HW01-108-001	PINK	89							N		
HS201635-HW01-108-002	PINK	97							N		
HS201635-HW01-108-003	PINK	72							N		
HS201635-HW01-108-004	PINK	86							N		
HS201635-HW01-108-005	PINK	89							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-HW01-108-006	PINK	82							N		
HS201635-HW01-108-007	PINK	90							N		
HS201635-HW01-108-008	PINK	90							N		
HS201635-CB02-118-001	SOCKEYE	117	130	12				6	Y		
HS201635-CB02-118-002	SOCKEYE	92	101	6				7	Y		
HS201635-CB03-118-001	SOCKEYE	102	113	9				8	Y		
HS201635-CB03-118-002	SOCKEYE	102	112	10				9	Y		
HS201635-CB03-118-003	SOCKEYE	93	101	6				10	Y		
HS201635-CB05-118-001	SOCKEYE	78	86	4				11	Y		
HS201635-CB05-118-002	SOCKEYE	84	92	5				12	Y		
HS201635-CB06-118-001	SOCKEYE	96	106	7				13	Y		
HS201635-CB06-118-002	SOCKEYE	94	102	8				14	Y		
HS201635-CB06-118-003	SOCKEYE	85	95	5				15	Y		
HS201635-CB11-118-001	SOCKEYE	97	106	7				16	Y		
HS201635-HW01-118-001	SOCKEYE	74	83	3				17	Y		
HS201635-HW01-118-002	SOCKEYE	80	90	5				18	Y		
HS201635-HW01-118-003	SOCKEYE	80	89	3				19	Y		
HS201635-HW01-118-004	SOCKEYE	99	110	8				20	Y		
HS201635-HW01-118-005	SOCKEYE	85	93	6				21	Y		
HS201635-HW01-118-006	SOCKEYE	90	101	7				22	Y		
HS201635-HW01-118-007	SOCKEYE	75	83	3				23	Y		
HS201635-HW01-118-008	SOCKEYE	86	95	5				24	Y		
HS201635-HW01-118-009	SOCKEYE	84	93	6				25	Y		
HS201635-HW01-118-010	SOCKEYE	75	82	4				26	Y		
HS201635-HW01-118-011	SOCKEYE	85	93	6				27	Y		
HS201635-HW01-118-012	SOCKEYE	79	88	6				28	Y		
HS201635-HW01-118-013	SOCKEYE	77	86	6				29	Y		
HS201635-HW01-118-014	SOCKEYE	80	90	6				30	Y		
HS201635-HW01-118-015	SOCKEYE	85	94	7				31	Y		
HS201635-HW01-118-016	SOCKEYE	91							N		
HS201635-HW01-118-017	SOCKEYE	75							N		
HS201635-HW01-118-018	SOCKEYE	90							N		
HS201635-HW01-118-019	SOCKEYE	89							N		
HS201635-HW01-118-020	SOCKEYE	90							N		
HS201635-HW01-118-021	SOCKEYE	89							N		
HS201635-HW01-118-022	SOCKEYE	80							N		
HS201635-HW01-118-023	SOCKEYE	83							N		
HS201635-HW01-118-024	SOCKEYE	75							N		
HS201635-HW01-118-025	SOCKEYE	81							N		
HS201635-HW01-118-026	SOCKEYE	75							N		
HS201635-HW01-118-027	SOCKEYE	79							N		
HS201635-HW01-118-028	SOCKEYE	81							N		
HS201635-HW01-118-029	SOCKEYE	84							N		
HS201635-HW01-118-030	SOCKEYE	91							N		
HS201635-HW01-118-031	SOCKEYE	78							N		
HS201635-HW01-118-032	SOCKEYE	79							N		
HS201635-HW01-118-033	SOCKEYE	89							N		
HS201635-HW01-118-034	SOCKEYE	82							N		
HS201635-HW01-118-035	SOCKEYE	90							N		
HS201635-HW01-118-036	SOCKEYE	88							N		
HS201635-HW01-118-037	SOCKEYE	90							N		
HS201635-HW01-118-038	SOCKEYE	91							N		
HS201635-HW01-118-039	SOCKEYE	96							N		
HS201635-HW01-118-040	SOCKEYE	90							N		
HS201635-HW01-118-041	SOCKEYE	91							N		
HS201635-HW01-118-042	SOCKEYE	92							N		
HS201635-HW01-118-043	SOCKEYE	81							N		
HS201635-HW01-118-044	SOCKEYE	93							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-HW01-118-045	SOCKEYE	75							N		
HS201635-HW01-118-046	SOCKEYE	100							N		
HS201635-HW01-118-047	SOCKEYE	86							N		
HS201635-HW01-118-048	SOCKEYE	87							N		
HS201635-HW01-118-049	SOCKEYE	81							N		
HS201635-HW01-118-050	SOCKEYE	76							N		
HS201635-HW01-118-051	SOCKEYE	81							N		
HS201635-HW01-118-052	SOCKEYE	79							N		
HS201635-HW01-118-053	SOCKEYE	77							N		
HS201635-HW01-118-054	SOCKEYE	85							N		
HS201635-HW01-118-055	SOCKEYE	80							N		
HS201635-HW01-118-056	SOCKEYE	93							N		
HS201635-HW01-118-057	SOCKEYE	89							N		
HS201635-HW01-118-058	SOCKEYE	90							N		
HS201635-HW01-118-059	SOCKEYE	93							N		
HS201635-HW01-118-060	SOCKEYE	86							N		
HS201635-HW01-118-061	SOCKEYE	72							N		
HS201635-HW01-118-062	SOCKEYE	90							N		
HS201635-HW01-118-063	SOCKEYE	92							N		
HS201635-HW01-118-064	SOCKEYE	75							N		
HS201635-HW01-118-065	SOCKEYE	80							N		
HS201635-HW01-118-066	SOCKEYE	90							N		
HS201635-HW01-118-067	SOCKEYE	88							N		
HS201635-HW01-118-068	SOCKEYE	71							N		
HS201635-HW01-118-069	SOCKEYE	91							N		
HS201635-HW01-118-070	SOCKEYE	75							N		
HS201635-HW01-118-071	SOCKEYE	80							N		
HS201635-HW01-118-072	SOCKEYE	77							N		
HS201635-HW01-118-073	SOCKEYE	76							N		
HS201635-HW01-118-074	SOCKEYE	79							N		
HS201635-HW01-118-075	SOCKEYE	81							N		
HS201635-HW01-118-076	SOCKEYE	78							N		
HS201635-HW01-118-077	SOCKEYE	76							N		
HS201635-HW01-118-078	SOCKEYE	75							N		
HS201635-HW01-118-079	SOCKEYE	77							N		
HS201635-HW02-118-001	SOCKEYE	85	95	5				32	Y		
HS201635-HW03-118-001	SOCKEYE	84	93	4				33	Y		
HS201635-HW03-118-002	SOCKEYE	77	86	4				34	Y		
HS201635-HW03-118-003	SOCKEYE	87	96	5				35	Y		
HS201635-HW03-118-004	SOCKEYE	82	92	5				36	Y		
HS201635-HW03-118-005	SOCKEYE	85	94	5				37	Y		
HS201635-HW03-118-006	SOCKEYE	77	84	4				38	Y		
HS201635-HW03-118-007	SOCKEYE	74	84	4				39	Y		
HS201635-HW03-118-008	SOCKEYE	82	91	4				40	Y		
HS201635-HW03-118-009	SOCKEYE	80	89	5				41	Y		
HS201635-HW03-118-010	SOCKEYE	87	96	5				42	Y		
HS201635-HW03-118-011	SOCKEYE	86	95	6				43	Y		
HS201635-HW03-118-012	SOCKEYE	94	105	7				44	Y		
HS201635-HW03-118-013	SOCKEYE	80	89	5				45	Y		
HS201635-HW03-118-014	SOCKEYE	87	97	5				46	Y		
HS201635-HW03-118-015	SOCKEYE	96	106	8				47	Y		
HS201635-HW03-118-016	SOCKEYE	82							N		
HS201635-HW03-118-017	SOCKEYE	76							N		
HS201635-HW03-118-018	SOCKEYE	79							N		
HS201635-HW03-118-019	SOCKEYE	87							N		
HS201635-HW03-118-020	SOCKEYE	93							N		
HS201635-HW03-118-021	SOCKEYE	84							N		
HS201635-HW03-118-022	SOCKEYE	79							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-HW03-118-023	SOCKEYE	89							N		
HS201635-HW03-118-024	SOCKEYE	78							N		
HS201635-HW03-118-025	SOCKEYE	79							N		
HS201635-HW03-118-026	SOCKEYE	83							N		
HS201635-HW03-118-027	SOCKEYE	89							N		
HS201635-HW03-118-028	SOCKEYE	84							N		
HS201635-HW03-118-029	SOCKEYE	129							N		
HS201635-HW03-118-030	SOCKEYE	80							N		
HS201635-HW03-118-031	SOCKEYE	72							N		
HS201635-HW03-118-032	SOCKEYE	78							N		
HS201635-HW03-118-033	SOCKEYE	86							N		
HS201635-HW03-118-034	SOCKEYE	72							N		
HS201635-HW03-118-035	SOCKEYE	95							N		
HS201635-HW03-118-036	SOCKEYE	84							N		
HS201635-HW03-118-037	SOCKEYE	82							N		
HS201635-HW03-118-038	SOCKEYE	76							N		
HS201635-HW03-118-039	SOCKEYE	81							N		
HS201635-HW03-118-040	SOCKEYE	85							N		
HS201635-HW03-118-041	SOCKEYE	79							N		
HS201635-HW03-118-042	SOCKEYE	94							N		
HS201635-HW03-118-043	SOCKEYE	71							N		
HS201635-HW03-118-044	SOCKEYE	92							N		
HS201635-HW03-118-045	SOCKEYE	80							N		
HS201635-HW03-118-046	SOCKEYE	89							N		
HS201635-HW03-118-047	SOCKEYE	92							N		
HS201635-HW03-118-048	SOCKEYE	80							N		
HS201635-HW03-118-049	SOCKEYE	86							N		
HS201635-HW03-118-050	SOCKEYE	82							N		
HS201635-HW03-118-051	SOCKEYE	86							N		
HS201635-HW03-118-052	SOCKEYE	75							N		
HS201635-HW03-118-053	SOCKEYE	76							N		
HS201635-HW03-118-054	SOCKEYE	74							N		
HS201635-HW03-118-055	SOCKEYE	85							N		
HS201635-HW03-118-056	SOCKEYE	60							N		
HS201635-HW03-118-057	SOCKEYE	74							N		
HS201635-HW03-118-058	SOCKEYE	78							N		
HS201635-HW03-118-059	SOCKEYE	75							N		
HS201635-HW03-118-060	SOCKEYE	78							N		
HS201635-HW03-118-061	SOCKEYE	80							N		
HS201635-HW03-118-062	SOCKEYE	90							N		
HS201635-HW03-118-063	SOCKEYE	82							N		
HS201635-HW03-118-064	SOCKEYE	83							N		
HS201635-HW03-118-065	SOCKEYE	71							N		
HS201635-HW03-118-066	SOCKEYE	80							N		
HS201635-HW03-118-067	SOCKEYE	73							N		
HS201635-HW03-118-068	SOCKEYE	75							N		
HS201635-HW03-118-069	SOCKEYE	71							N		
HS201635-HW03-118-070	SOCKEYE	78							N		
HS201635-HW03-118-071	SOCKEYE	87							N		
HS201635-HW03-118-072	SOCKEYE	77							N		
HS201635-HW03-118-073	SOCKEYE	85							N		
HS201635-HW03-118-074	SOCKEYE	80							N		
HS201635-HW03-118-075	SOCKEYE	75							N		
HS201635-HW03-118-076	SOCKEYE	84							N		
HS201635-HW03-118-077	SOCKEYE	74							N		
HS201635-HW03-118-078	SOCKEYE	77							N		
HS201635-HW03-118-079	SOCKEYE	85							N		
HS201635-HW03-118-080	SOCKEYE	75							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-HW03-118-081	SOCKEYE	86							N		
HS201635-HW03-118-082	SOCKEYE	99							N		
HS201635-HW03-118-083	SOCKEYE	82							N		
HS201635-HW03-118-084	SOCKEYE	92							N		
HS201635-HW03-118-085	SOCKEYE	86							N		
HS201635-HW03-118-086	SOCKEYE	80							N		
HS201635-HW03-118-087	SOCKEYE	78							N		
HS201635-HW03-118-088	SOCKEYE	95							N		
HS201635-HW03-118-089	SOCKEYE	85							N		
HS201635-HW03-118-090	SOCKEYE	76							N		
HS201635-HW03-118-091	SOCKEYE	76							N		
HS201635-HW03-118-092	SOCKEYE	78							N		
HS201635-HW03-118-093	SOCKEYE	77							N		
HS201635-HW03-118-094	SOCKEYE	82							N		
HS201635-HW03-118-095	SOCKEYE	86							N		
HS201635-HW03-118-096	SOCKEYE	87							N		
HS201635-HW03-118-097	SOCKEYE	80							N		
HS201635-HW03-118-098	SOCKEYE	85							N		
HS201635-HW03-118-099	SOCKEYE	75							N		
HS201635-HW03-118-100	SOCKEYE	75							N		
HS201635-HW03-118-101	SOCKEYE	79							N		
HS201635-HW03-118-102	SOCKEYE	80							N		
HS201635-HW03-118-103	SOCKEYE	90							N		
HS201635-HW03-118-104	SOCKEYE	58							N		
HS201635-HW03-118-105	SOCKEYE	74							N		
HS201635-HW03-118-106	SOCKEYE	75							N		
HS201635-HW03-118-107	SOCKEYE	80							N		
HS201635-HW03-118-108	SOCKEYE	81							N		
HS201635-HW03-118-109	SOCKEYE	84							N		
HS201635-HW03-118-110	SOCKEYE	80							N		
HS201635-HW03-118-111	SOCKEYE	81							N		
HS201635-HW03-118-112	SOCKEYE	68							N		
HS201635-HW03-118-113	SOCKEYE	91							N		
HS201635-HW03-118-114	SOCKEYE	80							N		
HS201635-HW03-118-115	SOCKEYE	81							N		
HS201635-HW03-118-116	SOCKEYE	86							N		
HS201635-HW03-118-117	SOCKEYE	78							N		
HS201635-HW03-118-118	SOCKEYE	75							N		
HS201635-HW03-118-119	SOCKEYE	81							N		
HS201635-HW03-118-120	SOCKEYE	85							N		
HS201635-HW03-118-121	SOCKEYE	84							N		
HS201635-HW03-118-122	SOCKEYE	77							N		
HS201635-HW03-118-123	SOCKEYE	80							N		
HS201635-HW03-118-124	SOCKEYE	88							N		
HS201635-HW03-118-125	SOCKEYE	76							N		
HS201635-HW03-118-126	SOCKEYE	88							N		
HS201635-HW03-118-127	SOCKEYE	45							N		
HS201635-HW03-118-128	SOCKEYE	88							N		
HS201635-HW03-118-129	SOCKEYE	79							N		
HS201635-HW03-118-130	SOCKEYE	72							N		
HS201635-HW03-118-131	SOCKEYE	100							N		
HS201635-HW03-118-132	SOCKEYE	86							N		
HS201635-HW03-118-133	SOCKEYE	79							N		
HS201635-HW03-118-134	SOCKEYE	75							N		
HS201635-HW03-118-135	SOCKEYE	74							N		
HS201635-HW03-118-136	SOCKEYE	74							N		
HS201635-HW03-118-137	SOCKEYE	81							N		
HS201635-HW03-118-138	SOCKEYE	70							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-HW03-118-139	SOCKEYE	79							N		
HS201635-HW03-118-140	SOCKEYE	75							N		
HS201635-HW03-118-141	SOCKEYE	85							N		
HS201635-HW03-118-142	SOCKEYE	79							N		
HS201635-HW03-118-143	SOCKEYE	75							N		
HS201635-HW03-118-144	SOCKEYE	81							N		
HS201635-HW03-118-145	SOCKEYE	75							N		
HS201635-HW03-118-146	SOCKEYE	74							N		
HS201635-HW03-118-147	SOCKEYE	83							N		
HS201635-HW03-118-148	SOCKEYE	75							N		
HS201635-HW03-118-149	SOCKEYE	75							N		
HS201635-HW03-118-150	SOCKEYE	80							N		
HS201635-HW03-118-151	SOCKEYE	75							N		
HS201635-HW03-118-152	SOCKEYE	76							N		
HS201635-HW03-118-153	SOCKEYE	89							N		
HS201635-HW03-118-154	SOCKEYE	90							N		
HS201635-HW03-118-155	SOCKEYE	76							N		
HS201635-HW03-118-156	SOCKEYE	85							N		
HS201635-HW03-118-157	SOCKEYE	80							N		
HS201635-HW03-118-158	SOCKEYE	84							N		
HS201635-HW03-118-159	SOCKEYE	75							N		
HS201635-HW03-118-160	SOCKEYE	82							N		
HS201635-HW03-118-161	SOCKEYE	76							N		
HS201635-HW03-118-162	SOCKEYE	80							N		
HS201635-HW03-118-163	SOCKEYE	85							N		
HS201635-HW03-118-164	SOCKEYE	83							N		
HS201635-HW03-118-165	SOCKEYE	81							N		
HS201635-HW03-118-166	SOCKEYE	79							N		
HS201635-HW03-118-167	SOCKEYE	80							N		
HS201635-HW03-118-168	SOCKEYE	75							N		
HS201635-HW03-118-169	SOCKEYE	80							N		
HS201635-HW03-118-170	SOCKEYE	96							N		
HS201635-HW03-118-171	SOCKEYE	80							N		
HS201635-HW03-118-172	SOCKEYE	73							N		
HS201635-HW04-118-001	SOCKEYE	94	104	6				48	Y		
HS201635-HW04-118-002	SOCKEYE	82	91	4				49	Y		
HS201635-HW05-118-001	SOCKEYE	81	90	4				50	Y		
HS201635-HW05-118-002	SOCKEYE	76	84	4				51	Y		
HS201635-HW05-118-003	SOCKEYE	73	81	4				52	Y		
HS201635-HW07-118-001	SOCKEYE	89	99	5				53	Y		
HS201635-HW07-118-002	SOCKEYE	77	85	4				54	Y		
HS201635-HW07-118-003	SOCKEYE	96	106	7				55	Y		
HS201635-HW07-118-004	SOCKEYE	87	96	5				56	Y		
HS201635-HW07-118-005	SOCKEYE	87	96	5				57	Y		
HS201635-HW07-118-006	SOCKEYE	87	97	5				58	Y		
HS201635-HW07-118-007	SOCKEYE	82	90	5				59	Y		
HS201635-HW07-118-008	SOCKEYE	86	95	6				60	Y		
HS201635-HW07-118-009	SOCKEYE	81	89	5				61	Y		
HS201635-HW07-118-010	SOCKEYE	85	94	5				62	Y		
HS201635-HW07-118-011	SOCKEYE	83	92	5				63	Y		
HS201635-HW07-118-012	SOCKEYE	95	106	7				64	Y		
HS201635-HW07-118-013	SOCKEYE	98	108	8				65	Y		
HS201635-HW07-118-014	SOCKEYE	85	94	5				66	Y		
HS201635-HW07-118-015	SOCKEYE	91	103	6				67	Y		
HS201635-HW07-118-016	SOCKEYE	86							N		
HS201635-HW08-118-001	SOCKEYE	85	93	5				68	Y		
HS201635-HW08-118-002	SOCKEYE	85	94	5				69	Y		
HS201635-HW09-118-001	SOCKEYE	81	92	5				70	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201635-HW09-118-002	SOCKEYE	72	78	3				71	Y		
HS201635-HW09-118-003	SOCKEYE	95	105	7				72	Y		
HS201635-HW09-118-004	SOCKEYE	78	86	4				73	Y		
HS201635-HW17-118-001	SOCKEYE	85	94	6				74	Y		
HS201635-HW17-118-002	SOCKEYE	87	96	6				75	Y		
HS201635-HW17-118-003	SOCKEYE	81	91	5				76	Y		
HS201635-HW17-118-004	SOCKEYE	80	89	5				77	Y		
HS201635-HW17-118-005	SOCKEYE	89	99	6				78	Y		
HS201635-HW17-118-006	SOCKEYE	82	91	4				79	Y		
HS201635-HW18-118-001	SOCKEYE	85	95	6				80	Y		
HS201635-HW20-118-001	SOCKEYE	85	93	5				81	Y		
HS201635-HW20-118-002	SOCKEYE	80	87	4				82	Y		
HS201635-HW20-118-003	SOCKEYE	93	103	6				83	Y		
HS201635-HW20-118-004	SOCKEYE	81	90	4				84	Y		
HS201635-HW20-118-005	SOCKEYE	79	87	5				85	Y		
HS201635-HW20-118-006	SOCKEYE	73	83	3				86	Y		
HS201635-HW20-118-007	SOCKEYE	81	91	4				87	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201636-CB01-124-001	CHINOOK	83	91	6				163	Y	0	
HS201636-CB01-124-002	CHINOOK	98	108	11				164	Y	0	
HS201636-CB01-124-003	CHINOOK	80	88	5				165	Y	0	
HS201636-CB01-124-004	CHINOOK	81	95	6				166	Y	0	
HS201636-CB01-124-005	CHINOOK	95	104	8				167	Y	0	
HS201636-CB01-124-006	CHINOOK	90	98	7				168	Y	0	
HS201636-CB01-124-007	CHINOOK	110	120	15				169	Y	0	
HS201636-CB01-124-008	CHINOOK	92	100	7				170	Y	0	
HS201636-CB01-124-009	CHINOOK	80	87	5				171	Y	0	
HS201636-CB01-124-010	CHINOOK	88	97	7				172	Y	0	
HS201636-CB01-124-011	CHINOOK	88	96	7				173	Y	0	
HS201636-CB01-124-012	CHINOOK	83	90	6				174	Y	0	
HS201636-CB02-124-001	CHINOOK	99	109	11				175	Y	0	
HS201636-CB02-124-002	CHINOOK	103	114	13				176	Y	0	
HS201636-CB02-124-003	CHINOOK	99	107	10				177	Y	0	
HS201636-CB02-124-004	CHINOOK	85	93	6				178	Y	0	
HS201636-CB02-124-005	CHINOOK	85	93	6				179	Y	0	
HS201636-CB02-124-006	CHINOOK	87	95	7				180	Y	0	
HS201636-CB02-124-007	CHINOOK	89	97	7				181	Y	0	
HS201636-CB02-124-008	CHINOOK	95	103	8	Y	AD		182	Y	0	
HS201636-CB03-124-001	CHINOOK	114	127	15	Y	AD		183	Y	0	
HS201636-CB03-124-002	CHINOOK	88	97	7				184	Y	0	
HS201636-CB03-124-003	CHINOOK	102	112	11				185	Y	0	
HS201636-CB03-124-004	CHINOOK	90	99	8				186	Y	0	
HS201636-CB03-124-005	CHINOOK	94	103	9				187	Y	0	
HS201636-CB03-124-006	CHINOOK	95	105	9	Y	AD		188	Y	0	
HS201636-CB03-124-007	CHINOOK	97	105	10	Y	AD		189	Y	0	
HS201636-CB03-124-008	CHINOOK	86	95	6	Y	AD		190	Y	0	
HS201636-CB03-124-009	CHINOOK	97	105	9				191	Y	0	
HS201636-CB03-124-010	CHINOOK	89	97	7				192	Y	0	
HS201636-CB03-124-011	CHINOOK	92	100	8				193	Y	0	
HS201636-CB03-124-012	CHINOOK	88	95	6				194	Y	0	
HS201636-CB03-124-013	CHINOOK	87	94	6				195	Y	0	
HS201636-CB03-124-014	CHINOOK	90	98	8				196	Y	0	
HS201636-CB03-124-015	CHINOOK	85	93	6				197	Y	0	
HS201636-CB03-124-016	CHINOOK	89							N	0	
HS201636-CB03-124-017	CHINOOK	95							N	0	
HS201636-CB03-124-018	CHINOOK	83							N	0	
HS201636-CB03-124-019	CHINOOK	87							N	0	
HS201636-CB03-124-020	CHINOOK	99							N	0	
HS201636-CB03-124-021	CHINOOK	92							N	0	
HS201636-CB03-124-022	CHINOOK	85							N	0	
HS201636-CB03-124-023	CHINOOK	86							N	0	
HS201636-CB03-124-024	CHINOOK	93							N	0	
HS201636-CB03-124-025	CHINOOK	90							N	0	
HS201636-CB03-124-026	CHINOOK	86							N	0	
HS201636-CB03-124-027	CHINOOK	94							N	0	
HS201636-CB03-124-028	CHINOOK	82							N	0	
HS201636-CB03-124-029	CHINOOK	90							N	0	
HS201636-CB03-124-030	CHINOOK	82							N	0	
HS201636-CB03-124-031	CHINOOK	99							N	0	
HS201636-CB03-124-032	CHINOOK	93			CWT1	AD			Y	0	
HS201636-CB03-124-033	CHINOOK	86			CWT2	AD			Y	0	
HS201636-CB03-124-034	CHINOOK	73							N	0	
HS201636-CB03-124-035	CHINOOK	88							N	0	
HS201636-CB03-124-036	CHINOOK	87			CWT3	AD			Y	0	
HS201636-CB03-124-037	CHINOOK	84							N	0	
HS201636-CB03-124-038	CHINOOK	88			CWT4	AD			Y	0	

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201636-CB03-124-039	CHINOOK	87							N	0	
HS201636-CB03-124-040	CHINOOK	90							N	0	
HS201636-CB03-124-041	CHINOOK	75							N	0	
HS201636-CB03-124-042	CHINOOK	90							N	0	
HS201636-CB03-124-043	CHINOOK	80							N	0	
HS201636-CB03-124-044	CHINOOK	87							N	0	
HS201636-CB03-124-045	CHINOOK	94							N	0	
HS201636-CB03-124-046	CHINOOK	87			CWT5	AD			Y	0	
HS201636-CB04-124-001	CHINOOK	85	92	6	Y			198	Y	0	
HS201636-CB04-124-002	CHINOOK	84	90	6				199	Y	0	
HS201636-CB04-124-003	CHINOOK	91	99	8				200	Y	0	
HS201636-CB04-124-004	CHINOOK	80	87	5				201	Y	0	
HS201636-CB04-124-005	CHINOOK	82	89	6				202	Y	0	
HS201636-CB04-124-006	CHINOOK	86	94	6				203	Y	0	
HS201636-CB05-124-001	CHINOOK	104	115	12	Y	AD		204	Y	0	
HS201636-CB05-124-002	CHINOOK	103	110	10				205	Y	0	
HS201636-CB05-124-003	CHINOOK	92	103	8				206	Y	0	
HS201636-CB05-124-004	CHINOOK	94	103	8				207	Y	0	
HS201636-CB05-124-005	CHINOOK	99	107	10				208	Y	0	
HS201636-CB05-124-006	CHINOOK	98	108	10				209	Y	0	
HS201636-CB05-124-007	CHINOOK	84	92	7				210	Y	0	
HS201636-CB05-124-008	CHINOOK	90	100	8				211	Y	0	
HS201636-CB05-124-009	CHINOOK	76	83	4				212	Y	0	
HS201636-CB05-124-010	CHINOOK	92	102	9				213	Y	0	
HS201636-CB05-124-011	CHINOOK	94	102	8				214	Y	0	
HS201636-CB05-124-012	CHINOOK	80	88	5				215	Y	0	
HS201636-CB05-124-013	CHINOOK	86	94	6				216	Y	0	
HS201636-CB05-124-014	CHINOOK	84	91	5				217	Y	0	
HS201636-CB05-124-015	CHINOOK	82	89	5				218	Y	0	
HS201636-CB05-124-016	CHINOOK	86							N	0	
HS201636-CB06-124-001	CHINOOK	104	113	11				219	Y	0	
HS201636-CB07-124-001	CHINOOK	89	97	7				220	Y	0	
HS201636-CB07-124-002	CHINOOK	98	107	9				221	Y	0	
HS201636-CB07-124-003	CHINOOK	99	107	9				222	Y	0	
HS201636-HW01-124-001	CHINOOK	104	113	11				223	Y	0	
HS201636-HW01-124-002	CHINOOK	107	116	13				224	Y	0	
HS201636-HW01-124-003	CHINOOK	97	102	8				225	Y	0	
HS201636-HW01-124-004	CHINOOK	90	99	7				226	Y	0	
HS201636-HW01-124-005	CHINOOK	91	100	8				227	Y	0	
HS201636-HW02-124-001	CHINOOK	100	110	11				228	Y	0	
HS201636-HW03-124-001	CHINOOK	80	88	5				229	Y	0	
HS201636-HW03-124-002	CHINOOK	85	92	5				230	Y	0	
HS201636-HW03-124-003	CHINOOK	101	110	10	Y	AD		231	Y	0	
HS201636-HW03-124-004	CHINOOK	92	100	8				232	Y	0	
HS201636-HW03-124-005	CHINOOK	84	92	5				233	Y	0	
HS201636-HW03-124-006	CHINOOK	94	103	8				234	Y	0	
HS201636-HW03-124-007	CHINOOK	84	91	5				235	Y	0	
HS201636-HW04-124-001	CHINOOK	92	102	7				236	Y	0	
HS201636-HW04-124-002	CHINOOK	80	88	5				237	Y	0	
HS201636-HW04-124-003	CHINOOK	87	95	7				238	Y	0	
HS201636-HW04-124-004	CHINOOK	100	110	10				239	Y	0	
HS201636-HW04-124-005	CHINOOK	86	94	6				240	Y	0	
HS201636-HW04-124-006	CHINOOK	105	115	10				241	Y	0	
HS201636-HW05-124-001	CHINOOK	94	110	9				242	Y	0	
HS201636-HW05-124-002	CHINOOK	95	105	9				243	Y	0	
HS201636-HW06-124-001	CHINOOK	86	95	7				244	Y	0	
HS201636-HW07-124-001	CHINOOK	82	89	5				245	Y	0	
HS201636-HW07-124-002	CHINOOK	93	103	8				246	Y	0	

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201636-HW07-124-003	CHINOOK	75	81	4				247	Y	0	
HS201636-HW07-124-004	CHINOOK	90	99	7				248	Y	0	
HS201636-HW07-124-005	CHINOOK	96	105	8				249	Y	0	
HS201636-HW07-124-006	CHINOOK	96	107	8				250	Y	0	
HS201636-HW08-124-001	CHINOOK	91	100	8				251	Y	0	
HS201636-HW08-124-002	CHINOOK	89	97	7				252	Y	0	
HS201636-HW08-124-003	CHINOOK	95	105	10				253	Y	0	
HS201636-HW08-124-004	CHINOOK	104	114	12				254	Y	0	
HS201636-HW08-124-005	CHINOOK	90	100	9				255	Y	0	
HS201636-HW13-124-001	CHINOOK	87	96	7				256	Y	0	
HS201636-HW15-124-001	CHINOOK	79	87	5				257	Y	0	
HS201636-HW16-124-001	CHINOOK	82	90	5				258	Y	0	
HS201636-HW17-124-001	CHINOOK	96	106	9				259	Y	0	
HS201636-HW18-124-001	CHINOOK	68	75	2				260	Y	0	
HS201636-HW18-124-002	CHINOOK	78	85	4	Y	AD		261	Y	0	
HS201636-HW18-124-003	CHINOOK	90	99	6				262	Y	0	
HS201636-CB01-112-001	CHUM	111							N	0	
HS201636-CB01-112-002	CHUM	124							N	0	
HS201636-CB01-112-003	CHUM	130							N	0	
HS201636-CB01-112-004	CHUM	118							N	0	
HS201636-CB01-112-005	CHUM	106							N	0	
HS201636-CB01-112-006	CHUM	121							N	0	
HS201636-CB01-112-007	CHUM	132							N	0	
HS201636-CB01-112-008	CHUM	142							N	0	
HS201636-CB01-112-009	CHUM	103							N	0	
HS201636-CB01-112-010	CHUM	127							N	0	
HS201636-CB01-112-011	CHUM	124							N	0	
HS201636-CB01-112-012	CHUM	124							N	0	
HS201636-CB01-112-013	CHUM	130							N	0	
HS201636-CB01-112-014	CHUM	115							N	0	
HS201636-CB01-112-015	CHUM	125							N	0	
HS201636-CB01-112-016	CHUM	125							N	0	
HS201636-CB02-112-001	CHUM	107							N	0	
HS201636-CB02-112-002	CHUM	115							N	0	
HS201636-CB02-112-003	CHUM	106							N	0	
HS201636-CB02-112-004	CHUM	114							N	0	
HS201636-CB02-112-005	CHUM	111							N	0	
HS201636-CB02-112-006	CHUM	107							N	0	
HS201636-CB02-112-007	CHUM	105							N	0	
HS201636-CB02-112-008	CHUM	97							N	0	
HS201636-CB03-112-001	CHUM	151							N	0	
HS201636-CB03-112-002	CHUM	109							N	0	
HS201636-CB03-112-003	CHUM	114							N	0	
HS201636-CB03-112-004	CHUM	125							N	0	
HS201636-CB03-112-005	CHUM	135							N	0	
HS201636-CB03-112-006	CHUM	134							N	0	
HS201636-CB03-112-007	CHUM	125							N	0	
HS201636-CB03-112-008	CHUM	108							N	0	
HS201636-CB03-112-009	CHUM	118							N	0	
HS201636-CB03-112-010	CHUM	125							N	0	
HS201636-CB03-112-011	CHUM	98							N	0	
HS201636-CB03-112-012	CHUM	110							N	0	
HS201636-CB04-112-001	CHUM	110							N	0	
HS201636-CB04-112-002	CHUM	96							N	0	
HS201636-CB04-112-003	CHUM	100							N	0	
HS201636-CB04-112-004	CHUM	110							N	0	
HS201636-CB04-112-005	CHUM	136							N	0	
HS201636-CB05-112-001	CHUM	126							N	0	

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201636-CB05-112-002	CHUM	108							N	0	
HS201636-CB05-112-003	CHUM	134							N	0	
HS201636-CB05-112-004	CHUM	111							N	0	
HS201636-CB05-112-005	CHUM	107							N	0	
HS201636-CB05-112-006	CHUM	122							N	0	
HS201636-CB05-112-007	CHUM	105							N	0	
HS201636-CB05-112-008	CHUM	121							N	0	
HS201636-CB05-112-009	CHUM	120							N	0	
HS201636-CB05-112-010	CHUM	124							N	0	
HS201636-CB05-112-011	CHUM	139							N	0	
HS201636-CB06-112-001	CHUM	127							N	0	
HS201636-CB06-112-002	CHUM	120							N	0	
HS201636-CB06-112-003	CHUM	122							N	0	
HS201636-CB06-112-004	CHUM	134							N	0	
HS201636-CB06-112-005	CHUM	127							N	0	
HS201636-CB06-112-006	CHUM	120							N	0	
HS201636-CB07-112-001	CHUM	134		25					N	0	
HS201636-CB07-112-002	CHUM	125		20					N	0	
HS201636-CB07-112-003	CHUM	114		16					N	0	
HS201636-CB07-112-004	CHUM	118		15					N	0	
HS201636-HW06-112-001	CHUM	86	94	6					N	0	
HS201636-HW17-112-001	CHUM	156	170	48				**80**	N	0	orignally id'd as coho
HS201636-HW17-112-002	CHUM	140	153	32				**81**	N	0	orignally id'd as coho
HS201636-HW17-112-003	CHUM	132	144	25				**82**	N	0	orignally id'd as coho
HS201636-HW17-112-004	CHUM	159	173	46				**83**	N	0	orignally id'd as coho
HS201636-HW17-112-005	CHUM	141	155	34				**84**	N	0	orignally id'd as coho
HS201636-HW17-112-006	CHUM	139	150	29				**85**	N	0	orignally id'd as coho
HS201636-HW17-112-007	CHUM	139	152	31				**86**	N	0	orignally id'd as coho
HS201636-HW18-112-001	CHUM	100	108	8					N	0	
HS201636-HW18-112-002	CHUM	200	218	93					N	0	
HS201636-CB01-115-001	COHO	92	100	8				74	Y	0	
HS201636-CB01-115-002	COHO	99	109	10				75	Y	0	
HS201636-CB07-115-001	COHO	96	107	10				76	Y	0	
HS201636-HW03-115-001	COHO	159	174	35	Y			77	Y	0	
HS201636-HW04-115-001	COHO	143	158	33				78	Y	0	
HS201636-HW05-115-001	COHO	135	150	26				79	Y	0	
HS201636-CB01-108-001	PINK	105							N	0	
HS201636-CB01-108-002	PINK	130							N	0	
HS201636-CB01-108-003	PINK	125							N	0	
HS201636-CB01-108-004	PINK	114							N	0	
HS201636-CB01-108-005	PINK	117							N	0	
HS201636-CB01-108-006	PINK	116							N	0	
HS201636-CB01-108-007	PINK	115							N	0	
HS201636-CB01-108-008	PINK	137							N	0	
HS201636-CB01-108-009	PINK	108							N	0	
HS201636-CB01-108-010	PINK	112							N	0	
HS201636-CB02-108-001	PINK	106							N	0	
HS201636-CB02-108-002	PINK	109							N	0	
HS201636-CB02-108-003	PINK	113							N	0	
HS201636-CB02-108-004	PINK	107							N	0	
HS201636-CB02-108-005	PINK	108							N	0	
HS201636-CB02-108-006	PINK	111							N	0	
HS201636-CB02-108-007	PINK	104							N	0	
HS201636-CB02-108-008	PINK	103							N	0	
HS201636-CB02-108-009	PINK	114							N	0	
HS201636-CB02-108-010	PINK	106							N	0	
HS201636-CB02-108-011	PINK	109							N	0	
HS201636-CB02-108-012	PINK	100							N	0	

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201636-CB03-108-001	PINK	95							N	0	
HS201636-CB03-108-002	PINK	121							N	0	
HS201636-CB03-108-003	PINK	100							N	0	
HS201636-CB03-108-004	PINK	99							N	0	
HS201636-CB03-108-005	PINK	110							N	0	
HS201636-CB03-108-006	PINK	110							N	0	
HS201636-CB03-108-007	PINK	115							N	0	
HS201636-CB04-108-001	PINK	113							N	0	
HS201636-CB04-108-002	PINK	115							N	0	
HS201636-CB04-108-003	PINK	112							N	0	
HS201636-CB04-108-004	PINK	106							N	0	
HS201636-CB05-108-001	PINK	121							N	0	
HS201636-CB05-108-002	PINK	121							N	0	
HS201636-CB05-108-003	PINK	126							N	0	
HS201636-CB05-108-004	PINK	105							N	0	
HS201636-CB05-108-005	PINK	115							N	0	
HS201636-CB05-108-006	PINK	103							N	0	
HS201636-CB05-108-007	PINK	110							N	0	
HS201636-CB05-108-008	PINK	118							N	0	
HS201636-CB05-108-009	PINK	121							N	0	
HS201636-CB05-108-010	PINK	112							N	0	
HS201636-CB05-108-011	PINK	109							N	0	
HS201636-CB05-108-012	PINK	112							N	0	
HS201636-CB05-108-013	PINK	116							N	0	
HS201636-CB05-108-014	PINK	115							N	0	
HS201636-CB05-108-015	PINK	119							N	0	
HS201636-CB05-108-016	PINK	131							N	0	
HS201636-CB06-108-001	PINK	110							N	0	
HS201636-CB06-108-002	PINK	126							N	0	
HS201636-CB06-108-003	PINK	112							N	0	
HS201636-CB06-108-004	PINK	112							N	0	
HS201636-CB06-108-005	PINK	114							N	0	
HS201636-CB06-108-006	PINK	102							N	0	
HS201636-CB06-108-007	PINK	120							N	0	
HS201636-CB06-108-008	PINK	114							N	0	
HS201636-CB06-108-009	PINK	125							N	0	
HS201636-CB06-108-010	PINK	104							N	0	
HS201636-CB06-108-011	PINK	116							N	0	
HS201636-CB06-108-012	PINK	108							N	0	
HS201636-CB06-108-013	PINK	110							N	0	
HS201636-CB06-108-014	PINK	105							N	0	
HS201636-CB06-108-015	PINK	118							N	0	
HS201636-CB06-108-016	PINK	120							N	0	
HS201636-CB07-108-001	PINK	123		17					N	0	
HS201636-CB07-108-002	PINK	111		14					N	0	
HS201636-CB07-108-003	PINK	110		12					N	0	
HS201636-CB07-108-004	PINK	114		16					N	0	
HS201636-CB07-108-005	PINK	119		15					N	0	
HS201636-CB07-108-006	PINK	129		19					N	0	
HS201636-CB07-108-007	PINK	119		14					N	0	
HS201636-CB07-108-008	PINK	120		16					N	0	
HS201636-HW03-108-001	PINK	147	161	27					N	0	
HS201636-HW01-118-001	SOCKEYE	97	107	8				88	Y		
HS201636-HW04-118-001	SOCKEYE	65	70	2				89	Y		
HS201636-HW06-118-001	SOCKEYE	56	62	2				90	Y		
HS201636-HW07-118-001	SOCKEYE	67	73	3				91	Y		
HS201636-HW08-118-001	SOCKEYE	65	70	2				92	Y		
HS201636-HW08-118-002	SOCKEYE	63	68	2				93	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201636-HW08-118-003	SOCKEYE	58	63	2				94	Y		
HS201636-HW08-118-004	SOCKEYE	74	80	4				95	Y		
HS201636-HW08-118-005	SOCKEYE	67	74	3				96	Y		
HS201636-HW08-118-006	SOCKEYE	71	78	3				97	Y		
HS201636-HW08-118-007	SOCKEYE	60	66	2				98	Y		
HS201636-HW08-118-008	SOCKEYE	68	74	3				99	Y		
HS201636-HW08-118-009	SOCKEYE	67	74	3				100	Y		
HS201636-HW08-118-010	SOCKEYE	55	61	2				101	Y		
HS201636-HW08-118-011	SOCKEYE	68	74	3				102	Y		
HS201636-HW08-118-012	SOCKEYE	62	68	2				103	Y		
HS201636-HW08-118-013	SOCKEYE	65	70	2				104	Y		
HS201636-HW08-118-014	SOCKEYE	63	69	2				105	Y		
HS201636-HW08-118-015	SOCKEYE	76	83	4				106	Y		
HS201636-HW08-118-016	SOCKEYE	64	70	3					N		
HS201636-HW08-118-017	SOCKEYE	62	70	3					N		
HS201636-HW08-118-018	SOCKEYE	50	60	2					N		
HS201636-HW08-118-019	SOCKEYE	57	63	2					N		
HS201636-HW08-118-020	SOCKEYE	65	71	3					N		
HS201636-HW08-118-021	SOCKEYE	61	66	2					N		
HS201636-HW08-118-022	SOCKEYE	63	68	2					N		
HS201636-HW08-118-023	SOCKEYE	64	69	3					N		
HS201636-HW08-118-024	SOCKEYE	60							N		
HS201636-HW08-118-025	SOCKEYE	65	71	3					N		
HS201636-HW08-118-026	SOCKEYE	62	69						N		
HS201636-HW08-118-027	SOCKEYE	64	68	3					N		
HS201636-HW08-118-028	SOCKEYE	68	74						N		
HS201636-HW08-118-029	SOCKEYE	61	68	2					N		
HS201636-HW08-118-030	SOCKEYE	67	75						N		
HS201636-HW08-118-031	SOCKEYE	60	66						N		
HS201636-HW08-118-032	SOCKEYE	58	63	2					N		
HS201636-HW08-118-033	SOCKEYE	65	72						N		
HS201636-HW13-118-001	SOCKEYE	68	74	3				107	Y		
HS201636-HW13-118-002	SOCKEYE	70	76	3				108	Y		
HS201636-HW13-118-003	SOCKEYE	80	87	4				109	Y		
HS201636-HW13-118-004	SOCKEYE	76	84	3				110	Y		
HS201636-HW13-118-005	SOCKEYE	65	70	2				111	Y		
HS201636-HW13-118-006	SOCKEYE	70	77	3				112	Y		
HS201636-HW13-118-007	SOCKEYE	58	62					113	Y		
HS201636-HW14-118-001	SOCKEYE	79	87	4				114	Y		
HS201636-HW15-118-001	SOCKEYE	75	82	4				115	Y		
HS201636-HW15-118-002	SOCKEYE	80	87	4				116	Y		
HS201636-HW15-118-003	SOCKEYE	76	83	4				117	Y		
HS201636-HW15-118-004	SOCKEYE	74	80	4				118	Y		
HS201636-HW16-118-001	SOCKEYE	61	65	2				119	Y		
HS201636-HW16-118-002	SOCKEYE	85	92	5				120	Y		
HS201636-HW16-118-003	SOCKEYE	65	72	2				121	Y		
HS201636-HW17-118-001	SOCKEYE	64	70	2				122	Y		
HS201636-HW17-118-002	SOCKEYE	66	71	2				123	Y		
HS201636-HW17-118-003	SOCKEYE	59	63	1				124	Y		
HS201636-HW17-118-004	SOCKEYE	56	60	1				125	Y		
HS201636-HW17-118-005	SOCKEYE	64	69	1				126	Y		
HS201636-HW17-118-006	SOCKEYE	61	66	2				127	Y		
HS201636-HW17-118-007	SOCKEYE	65	72	2				128	Y		
HS201636-HW17-118-008	SOCKEYE	67	72	2				129	Y		
HS201636-HW17-118-009	SOCKEYE	84	92	5				130	Y		
HS201636-HW18-118-001	SOCKEYE	70	85	2				131	Y		
HS201636-HW18-118-002	SOCKEYE	77	84	3				132	Y		
HS201636-HW18-118-003	SOCKEYE	83	90	4				133	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201636-HW18-118-004	SOCKEYE	68	75	2				134	Y		
HS201636-HW18-118-005	SOCKEYE	70	77	3				135	Y		
HS201636-HW18-118-006	SOCKEYE	70	77	3				136	Y		
HS201636-HW18-118-007	SOCKEYE	68	75	2				137	Y		
HS201636-HW18-118-008	SOCKEYE	64	70	2				138	Y		
HS201636-HW18-118-009	SOCKEYE	61	68	1				139	Y		
HS201636-HW18-118-010	SOCKEYE	64	70	2				140	Y		
HS201636-HW18-118-011	SOCKEYE	60	65	1				141	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201637-CB06-124-001	CHINOOK	117	130	16	Y	AD		263	Y		
HS201637-CB12-124-001	CHINOOK	148	165	38	Y	AD		264	Y		
HS201637-HW01-124-001	CHINOOK	102	112	10				265	Y		
HS201637-HW01-124-002	CHINOOK	115	125	18				266	Y		
HS201637-HW01-124-003	CHINOOK	94	102	5				267	Y		
HS201637-HW01-124-004	CHINOOK	119	130	15				268	Y		
HS201637-HW01-124-005	CHINOOK	109	120	11				269	Y		
HS201637-HW01-124-006	CHINOOK	110	121	12				270	Y		
HS201637-HW01-124-007	CHINOOK	105	116	12				271	Y		
HS201637-HW01-124-008	CHINOOK	123	135	23				272	Y		
HS201637-HW01-124-009	CHINOOK	95	103	5				273	Y		
HS201637-HW01-124-010	CHINOOK	92	101	8				274	Y		
HS201637-HW01-124-011	CHINOOK	94	103	9				275	Y		
HS201637-HW01-124-012	CHINOOK	93	101	4				276	Y		
HS201637-HW01-124-013	CHINOOK	105	116	12				277	Y		
HS201637-HW01-124-014	CHINOOK	97	106	11				278	Y		
HS201637-HW01-124-015	CHINOOK	96	106	6				279	Y		
HS201637-HW01-124-016	CHINOOK	98	106	8					N		
HS201637-HW01-124-017	CHINOOK	95	104	10					N		
HS201637-HW01-124-018	CHINOOK	100	110	12					N		
HS201637-HW01-124-019	CHINOOK	105	116	9					N		
HS201637-HW01-124-020	CHINOOK	77	85	6					N		
HS201637-HW01-124-021	CHINOOK	114	126	16					N		
HS201637-HW01-124-022	CHINOOK	78	85	4					N		
HS201637-HW01-124-023	CHINOOK	86	94	8					N		
HS201637-HW01-124-024	CHINOOK	115	126	17					N		
HS201637-HW01-124-025	CHINOOK	101	112	13					N		
HS201637-HW01-124-026	CHINOOK	110	121	14					N		
HS201637-HW01-124-027	CHINOOK	84	92	8					N		
HS201637-HW01-124-028	CHINOOK	100	110	12					N		
HS201637-HW01-124-029	CHINOOK	97	106	11					N		
HS201637-HW01-124-030	CHINOOK	89	96	7					N		
HS201637-HW01-124-031	CHINOOK	91	101	8					N		
HS201637-HW02-124-001	CHINOOK	101	112	11				280	Y		
HS201637-HW02-124-002	CHINOOK	100	110	10				281	Y		
HS201637-HW02-124-003	CHINOOK	123	135	21				282	Y		
HS201637-HW02-124-004	CHINOOK	110	119	14				283	Y		
HS201637-HW03-124-001	CHINOOK	103	113	11				284	Y		
HS201637-HW03-124-002	CHINOOK	81	90	5				285	Y		
HS201637-HW03-124-003	CHINOOK	99	107	9				286	Y		
HS201637-HW03-124-004	CHINOOK	112	123	15				287	Y		
HS201637-HW03-124-005	CHINOOK	91	100	8				288	Y		
HS201637-HW03-124-006	CHINOOK	93	102	7				289	Y		
HS201637-HW03-124-007	CHINOOK	92	103	7				290	Y		
HS201637-HW04-124-001	CHINOOK	104	114	11				291	Y		
HS201637-HW04-124-002	CHINOOK	90	99	7				292	Y		
HS201637-HW04-124-003	CHINOOK	86	91	7				293	Y		
HS201637-HW04-124-004	CHINOOK	90	100	7				294	Y		
HS201637-HW04-124-005	CHINOOK	92	101	7				295	Y		
HS201637-HW04-124-006	CHINOOK	86	94	6				296	Y		
HS201637-HW04-124-007	CHINOOK	101	111	11				297	Y		
HS201637-HW04-124-008	CHINOOK	90	98	8				298	Y		
HS201637-HW04-124-009	CHINOOK	83	91	6				299	Y		
HS201637-HW04-124-010	CHINOOK	82	91	5				300	Y		
HS201637-HW04-124-011	CHINOOK	89	97	6				301	Y		
HS201637-HW04-124-012	CHINOOK	85	92	5				302	Y		
HS201637-HW04-124-013	CHINOOK	95	104	8				303	Y		
HS201637-HW05-124-001	CHINOOK	155	170	34				304	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201637-HW05-124-002	CHINOOK	82	90	5				305	Y		
HS201637-HW05-124-003	CHINOOK	103	113	11				306	Y		
HS201637-HW05-124-004	CHINOOK	100	110	10				307	Y		
HS201637-HW05-124-005	CHINOOK	101	112	10				308	Y		
HS201637-HW05-124-006	CHINOOK	94	103	9				309	Y		
HS201637-HW05-124-007	CHINOOK	92	103	7				310	Y		
HS201637-HW05-124-008	CHINOOK	97	106	9				311	Y		
HS201637-HW05-124-009	CHINOOK	89	97	7				312	Y		
HS201637-HW05-124-010	CHINOOK	100	110	9				313	Y		
HS201637-HW05-124-011	CHINOOK	94	104	9				314	Y		
HS201637-HW05-124-012	CHINOOK	91	101	8				315	Y		
HS201637-HW06-124-001	CHINOOK	107	117	13				316	Y		
HS201637-HW06-124-002	CHINOOK	85	93	7				317	Y		
HS201637-HW06-124-003	CHINOOK	100	111	11				318	Y		
HS201637-HW06-124-004	CHINOOK	102	113	11				319	Y		
HS201637-HW06-124-005	CHINOOK	101	112	12				320	Y		
HS201637-HW06-124-006	CHINOOK	110	121	13				321	Y		
HS201637-HW06-124-007	CHINOOK	118	130	18				322	Y		
HS201637-HW06-124-008	CHINOOK	96	106	11				323	Y		
HS201637-HW06-124-009	CHINOOK	90	100	8				324	Y		
HS201637-HW06-124-010	CHINOOK	85	93	8				325	Y		
HS201637-HW06-124-011	CHINOOK	100	110	10				326	Y		
HS201637-HW06-124-012	CHINOOK	90	100	7	Y	AD		327	Y		
HS201637-HW07-124-001	CHINOOK	93	103	8				328	Y		
HS201637-HW07-124-002	CHINOOK	98	107	9				329	Y		
HS201637-HW07-124-003	CHINOOK	91	99	7				330	Y		
HS201637-HW07-124-004	CHINOOK	89	97	7				331	Y		
HS201637-HW07-124-005	CHINOOK	73	80	4				332	Y		
HS201637-HW07-124-006	CHINOOK	119	130	16				333	Y		
HS201637-HW07-124-007	CHINOOK	89	98	6				334	Y		
HS201637-HW07-124-008	CHINOOK	81	91	5				335	Y		
HS201637-HW08-124-001	CHINOOK	85	93	4				336	Y		
HS201637-HW08-124-002	CHINOOK	94	103	7				337	Y		
HS201637-HW08-124-003	CHINOOK	93	102	6				338	Y		
HS201637-HW08-124-004	CHINOOK	90	99	6				339	Y		
HS201637-HW08-124-005	CHINOOK	88	96	7				340	Y		
HS201637-HW08-124-006	CHINOOK	85	92	6				341	Y		
HS201637-HW08-124-007	CHINOOK	124	135	19	Y	AD		361	Y		
HS201637-HW10-124-001	CHINOOK	93	102	9				342	Y		
HS201637-HW10-124-002	CHINOOK	85	93	6				343	Y		
HS201637-HW10-124-003	CHINOOK	92	103	8				344	Y		
HS201637-HW10-124-004	CHINOOK	107	118	13				345	Y		
HS201637-HW10-124-005	CHINOOK	84	93	6				346	Y		
HS201637-HW10-124-006	CHINOOK	83	90	6				347	Y		
HS201637-HW10-124-007	CHINOOK	91	100	8				348	Y		
HS201637-HW10-124-008	CHINOOK	83	91	6				349	Y		
HS201637-HW10-124-009	CHINOOK	104	114	10				350	Y		
HS201637-HW10-124-010	CHINOOK	91	100	8				351	Y		
HS201637-HW10-124-011	CHINOOK	119	132	18				352	Y		
HS201637-HW10-124-012	CHINOOK	87	96	5				353	Y		
HS201637-HW10-124-013	CHINOOK	89	98	6				354	Y		
HS201637-HW10-124-014	CHINOOK	80	88	5				355	Y		
HS201637-HW10-124-015	CHINOOK	80	88	5				356	Y		
HS201637-HW10-124-016	CHINOOK	91							N		
HS201637-HW10-124-017	CHINOOK	82							N		
HS201637-HW10-124-018	CHINOOK	88							N		
HS201637-HW10-124-019	CHINOOK	80							N		
HS201637-HW10-124-020	CHINOOK	105							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201637-HW10-124-021	CHINOOK	107							N		
HS201637-HW10-124-022	CHINOOK	86							N		
HS201637-HW10-124-023	CHINOOK	86							N		
HS201637-HW10-124-024	CHINOOK	85							N		
HS201637-HW10-124-025	CHINOOK	104							N		
HS201637-HW10-124-026	CHINOOK	84							N		
HS201637-HW10-124-027	CHINOOK	83							N		
HS201637-HW10-124-028	CHINOOK	85							N		
HS201637-HW10-124-029	CHINOOK	80							N		
HS201637-HW10-124-030	CHINOOK	96							N		
HS201637-HW10-124-031	CHINOOK	83							N		
HS201637-HW10-124-032	CHINOOK	72							N		
HS201637-HW10-124-033	CHINOOK	88							N		
HS201637-HW10-124-034	CHINOOK	90							N		
HS201637-HW10-124-035	CHINOOK	113							N		
HS201637-HW10-124-036	CHINOOK	90							N		
HS201637-HW10-124-037	CHINOOK	100							N		
HS201637-HW10-124-038	CHINOOK	101							N		
HS201637-HW10-124-039	CHINOOK	91							N		
HS201637-HW10-124-040	CHINOOK	90							N		
HS201637-HW10-124-041	CHINOOK	82							N		
HS201637-HW10-124-042	CHINOOK	93							N		
HS201637-HW10-124-043	CHINOOK	88							N		
HS201637-HW11-124-001	CHINOOK	85	93	6				357	Y		
HS201637-HW11-124-002	CHINOOK	82	91	6				358	Y		
HS201637-HW11-124-003	CHINOOK	110	120	17				359	Y		
HS201637-HW11-124-004	CHINOOK	89	98	7				360	Y		
HS201637-HW15-124-001	CHINOOK	192	214	81	Y	AD		362	Y		
HS201637-HW15-124-002	CHINOOK	94	103	8				363	Y		
HS201637-HW15-124-003	CHINOOK	88	97	9				364	Y		
HS201637-HW15-124-004	CHINOOK	87	96	8				365	Y		
HS201637-HW15-124-005	CHINOOK	84	92	6				366	Y		
HS201637-HW19-124-001	CHINOOK	85	94	6				367	Y		
HS201637-HW19-124-002	CHINOOK	89	99	7				368	Y		
HS201637-HW19-124-003	CHINOOK	81	89	5				369	Y		
HS201637-HW20-124-001	CHINOOK	87	96	7				370	Y		
HS201637-HW20-124-002	CHINOOK	91	100	8				371	Y		
HS201637-HW21-124-001	CHINOOK	89	97	7				372	Y		
HS201637-HW21-124-002	CHINOOK	85	93	6				373	Y		
HS201637-HW21-124-003	CHINOOK	84	92	6				374	Y		
HS201637-HW21-124-004	CHINOOK	86	92	6				375	Y		
HS201637-HW21-124-005	CHINOOK	96	109	10				376	Y		
HS201637-HW21-124-006	CHINOOK	86	95	7				377	Y		
HS201637-HW21-124-007	CHINOOK	85	94	7				378	Y		
HS201637-HW21-124-008	CHINOOK	89	99	7				379	Y		
HS201637-HW21-124-009	CHINOOK	88	97	8				380	Y		
HS201637-HW21-124-010	CHINOOK	88	97	7				381	Y		
HS201637-HW21-124-011	CHINOOK	93	103	10				382	Y		
HS201637-HW21-124-012	CHINOOK	96	107	10				383	Y		
HS201637-HW21-124-013	CHINOOK	97	106	10				384	Y		
HS201637-HW22-124-001	CHINOOK	78	86	6				385	Y		
HS201637-HW22-124-002	CHINOOK	103	114	12				386	Y		
HS201637-CB01-112-001	CHUM	160	173	46					N		
HS201637-CB05-112-001	CHUM	128	141	24					N		
HS201637-CB06-112-001	CHUM	139	153	28					N		
HS201637-CB06-112-002	CHUM	158	174	39					N		
HS201637-CB06-112-003	CHUM	142	155	27					N		
HS201637-CB06-112-004	CHUM	140	155	27					N		Black spot disease

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201637-CB06-112-005	CHUM	150	165	35					N		Black spot disease
HS201637-CB06-112-006	CHUM	140	155	30					N		Black spot disease
HS201637-CB07-112-001	CHUM	122	135	20					N		Black spot disease
HS201637-CB07-112-002	CHUM	145	159	34					N		
HS201637-CB07-112-003	CHUM	138	152	29					N		
HS201637-HW03-112-001	CHUM	101	114	11					N		
HS201637-CB06-108-001	PINK	137	157	21					N		
HS201637-CB06-108-002	PINK	131	146	21					N		
HS201637-CB06-108-003	PINK	132	146	20					N		
HS201637-CB07-108-001	PINK	135	149	25					N		
HS201637-CB11-108-001	PINK	126	140	17					N		
HS201637-HW10-118-001	SOCKEYE	82	91	6				142	Y		
HS201637-HW10-118-002	SOCKEYE	68	75	3				143	Y		
HS201637-HW10-118-003	SOCKEYE	83	92	5				144	Y		
HS201637-HW10-118-004	SOCKEYE	69	76	4				145	Y		
HS201637-HW10-118-005	SOCKEYE	64	70	3				146	Y		
HS201637-HW11-118-001	SOCKEYE	71	79	4				147	Y		
HS201637-HW19-118-001	SOCKEYE	75	84	4				148	Y		
HS201637-HW19-118-002	SOCKEYE	68	75	3				149	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-CB01-124-001	CHINOOK	217	239	139		AD		387	Y		
HS201638-CB02-124-001	CHINOOK	194	213	89				388	Y		
HS201638-CB02-124-002	CHINOOK	163	180	54				389	Y		
HS201638-CB03-124-001	CHINOOK	219	244	151				390	Y		
HS201638-CB03-124-002	CHINOOK	190	212	87				391	Y		
HS201638-CB03-124-003	CHINOOK	157	174	48				392	Y		
HS201638-CB04-124-001	CHINOOK	177	196	65	Y	AD		393	Y		
HS201638-CB04-124-002	CHINOOK	190	211	94		AD		394	Y		
HS201638-CB05-124-001	CHINOOK	214	237	129				395	Y		
HS201638-CB06-124-001	CHINOOK	211	235	123		AD		396	Y		
HS201638-CB06-124-002	CHINOOK	198	219	94		AD		397	Y		
HS201638-CB06-124-003	CHINOOK	200	224	98				398	Y		
HS201638-CB06-124-004	CHINOOK	153	170	42				399	Y		
HS201638-CB06-124-005	CHINOOK	143	157	34				400	Y		
HS201638-CB06-124-006	CHINOOK	156	173	44				401	Y		
HS201638-CB06-124-007	CHINOOK	135	151	29				402	Y		
HS201638-CB06-124-008	CHINOOK	162	179	48				403	Y		
HS201638-CB06-124-009	CHINOOK	132	146	24				404	Y		
HS201638-CB08-124-001	CHINOOK	130	144	27				405	Y		
HS201638-CB08-124-002	CHINOOK	160	175	48	Y	AD		406	Y		
HS201638-CB08-124-003	CHINOOK	150	165	41				407	Y		
HS201638-CB08-124-004	CHINOOK	165	182	52				408	Y		PIT 001005656965
HS201638-CB08-124-005	CHINOOK	157	175	43				409	Y		
HS201638-CB08-124-006	CHINOOK	154	170	42				410	Y		
HS201638-CB08-124-007	CHINOOK	123	136	21	Y	AD		411	Y		
HS201638-CB09-124-001	CHINOOK	141	157	32	Y	AD		412	Y		
HS201638-CB09-124-002	CHINOOK	149	164	40				413	Y		
HS201638-CB09-124-003	CHINOOK	149	165	39				414	Y		
HS201638-CB09-124-004	CHINOOK	145	157	34				415	Y		
HS201638-CB09-124-005	CHINOOK	150	165	39				416	Y		
HS201638-CB09-124-006	CHINOOK	177	196	62				417	Y		
HS201638-CB09-124-007	CHINOOK	142	157	35				418	Y		PIT 001005661700
HS201638-CB09-124-008	CHINOOK	157	173	45				419	Y		
HS201638-CB10-124-001	CHINOOK	130	144	25				420	Y		
HS201638-CB10-124-002	CHINOOK	149	167	40				421	Y		
HS201638-CB10-124-003	CHINOOK	134	150	29				422	Y		
HS201638-CB10-124-004	CHINOOK	134	148	29	Y	AD		423	Y		
HS201638-CB11-124-001	CHINOOK	171	190	58				424	Y		
HS201638-CB11-124-002	CHINOOK	172	191	63				425	Y		
HS201638-CB11-124-003	CHINOOK	151	165	45				426	Y		
HS201638-CB11-124-004	CHINOOK	204	225	104				427	Y		
HS201638-CB11-124-005	CHINOOK	210	232	122				428	Y		
HS201638-CB11-124-006	CHINOOK	157	173	46				429	Y		
HS201638-CB11-124-007	CHINOOK	161	178	50				430	Y		
HS201638-CB11-124-008	CHINOOK	158	175	49				431	Y		
HS201638-CB11-124-009	CHINOOK	160	179	52				432	Y		
HS201638-CB11-124-010	CHINOOK	155	172	48				433	Y		
HS201638-CB11-124-011	CHINOOK	150	168	40				434	Y		
HS201638-CB12-124-001	CHINOOK	158	176	48				435	Y		
HS201638-CB12-124-002	CHINOOK	157	177	50				436	Y		
HS201638-CB12-124-003	CHINOOK	150	167	42				437	Y		PIT 001005661413
HS201638-CB12-124-004	CHINOOK	144	159	34				438	Y		
HS201638-CB12-124-005	CHINOOK	161	179	55				439	Y		
HS201638-HW01-124-001	CHINOOK	135	149	26				440	Y		
HS201638-HW01-124-002	CHINOOK	128	142	21				441	Y		
HS201638-HW01-124-003	CHINOOK	100	110	12				442	Y		
HS201638-HW01-124-004	CHINOOK	132	145	25				443	Y		
HS201638-HW01-124-005	CHINOOK	154	170	44				444	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW01-124-006	CHINOOK	126	140	25				445	Y		
HS201638-HW01-124-007	CHINOOK	136	150	30				446	Y		
HS201638-HW01-124-008	CHINOOK	130	144	27				447	Y		
HS201638-HW01-124-009	CHINOOK	136	151	30				448	Y		
HS201638-HW01-124-010	CHINOOK	132	147	28				449	Y		
HS201638-HW01-124-011	CHINOOK	141	157	33				450	Y		
HS201638-HW01-124-012	CHINOOK	122	137	20				451	Y		
HS201638-HW01-124-013	CHINOOK	135	149	29				452	Y		
HS201638-HW01-124-014	CHINOOK	149	165	39				453	Y		
HS201638-HW01-124-015	CHINOOK	144	159	37				454	Y		
HS201638-HW01-124-016	CHINOOK	139	153	31					N		
HS201638-HW01-124-017	CHINOOK	124	138	23					N		
HS201638-HW01-124-018	CHINOOK	115	127	18					N		
HS201638-HW01-124-019	CHINOOK	125	138	26					N		
HS201638-HW01-124-020	CHINOOK	134	148	30					N		
HS201638-HW01-124-021	CHINOOK	122	136	23					N		
HS201638-HW01-124-022	CHINOOK	149	166	40					N		
HS201638-HW02-124-001	CHINOOK	143	159	35				455	Y		
HS201638-HW02-124-002	CHINOOK	130	143	28				456	Y		
HS201638-HW02-124-003	CHINOOK	135	150	30				457	Y		
HS201638-HW02-124-004	CHINOOK	138	152	30				458	Y		
HS201638-HW02-124-005	CHINOOK	142	157	32				459	Y		
HS201638-HW02-124-006	CHINOOK	113	125	18				460	Y		
HS201638-HW02-124-007	CHINOOK	140	153	32				461	Y		
HS201638-HW02-124-008	CHINOOK	108	119	12				462	Y		
HS201638-HW02-124-009	CHINOOK	124	137	22				463	Y		
HS201638-HW02-124-010	CHINOOK	115	127	17				464	Y		
HS201638-HW02-124-011	CHINOOK	119	132	16				465	Y		
HS201638-HW02-124-012	CHINOOK	132	145	27				466	Y		
HS201638-HW02-124-013	CHINOOK	127	141	21				467	Y		
HS201638-HW02-124-014	CHINOOK	120	132	19				468	Y		
HS201638-HW02-124-015	CHINOOK	127	140	22				469	Y		
HS201638-HW02-124-016	CHINOOK	119	130	18					N		
HS201638-HW02-124-017	CHINOOK	122	135	22					N		
HS201638-HW02-124-018	CHINOOK	147	164	34					N		
HS201638-HW02-124-019	CHINOOK	121	134	21					N		
HS201638-HW02-124-020	CHINOOK	122	136	22					N		
HS201638-HW02-124-021	CHINOOK	128	142	28					N		
HS201638-HW02-124-022	CHINOOK	130	143	27					N		
HS201638-HW02-124-023	CHINOOK	146	162	35					N		
HS201638-HW02-124-024	CHINOOK	140	155	32					N		
HS201638-HW02-124-025	CHINOOK	115	129	20					N		
HS201638-HW02-124-026	CHINOOK	130	143	30					N		
HS201638-HW02-124-027	CHINOOK	131	132	27					N		
HS201638-HW02-124-028	CHINOOK	135	150	28					N		
HS201638-HW02-124-029	CHINOOK	130	142	27					N		
HS201638-HW02-124-030	CHINOOK	132	147	28					N		
HS201638-HW02-124-031	CHINOOK	126	139	24					N		
HS201638-HW02-124-032	CHINOOK	115	130	21					N		
HS201638-HW02-124-033	CHINOOK	114	125	21					N		
HS201638-HW02-124-034	CHINOOK	132	147	25					N		
HS201638-HW02-124-035	CHINOOK	145	159	34					N		
HS201638-HW02-124-036	CHINOOK	131	145	26					N		
HS201638-HW02-124-037	CHINOOK	128	140	27					N		
HS201638-HW02-124-038	CHINOOK	130	145	30					N		
HS201638-HW02-124-039	CHINOOK	115	130	22					N		
HS201638-HW02-124-040	CHINOOK	125	140	21					N		
HS201638-HW02-124-041	CHINOOK	156	173	46					N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW02-124-042	CHINOOK	127	143	41					N		
HS201638-HW02-124-043	CHINOOK	132	145						N		
HS201638-HW02-124-044	CHINOOK	130	142						N		
HS201638-HW02-124-045	CHINOOK	140	155	31					N		
HS201638-HW02-124-046	CHINOOK	122	136	20					N		
HS201638-HW02-124-047	CHINOOK	130	144	21					N		
HS201638-HW02-124-048	CHINOOK	120	134	26					N		
HS201638-HW02-124-049	CHINOOK	132	147	34					N		
HS201638-HW02-124-050	CHINOOK	120	132	19					N		
HS201638-HW02-124-051	CHINOOK	137	151	35					N		
HS201638-HW02-124-052	CHINOOK	125	137	27					N		
HS201638-HW02-124-053	CHINOOK	130	142	26					N		
HS201638-HW02-124-054	CHINOOK	127	141	27					N		
HS201638-HW02-124-055	CHINOOK	142	157	40					N		
HS201638-HW02-124-056	CHINOOK	127	141	30					N		
HS201638-HW02-124-057	CHINOOK	127	142	27					N		
HS201638-HW02-124-058	CHINOOK	124	139	27					N		
HS201638-HW02-124-059	CHINOOK	128	140	28					N		
HS201638-HW02-124-060	CHINOOK	112	127	23					N		
HS201638-HW02-124-061	CHINOOK	121	135						N		
HS201638-HW02-124-062	CHINOOK	138	152						N		
HS201638-HW02-124-063	CHINOOK	123	135	28					N		
HS201638-HW02-124-064	CHINOOK	127	140	26					N		
HS201638-HW02-124-065	CHINOOK	140	155	36					N		
HS201638-HW02-124-066	CHINOOK	144	158	36					N		
HS201638-HW02-124-067	CHINOOK	130	145	30					N		
HS201638-HW02-124-068	CHINOOK	116	129	20					N		
HS201638-HW02-124-069	CHINOOK	129	143						N		
HS201638-HW02-124-070	CHINOOK	124	138						N		
HS201638-HW02-124-071	CHINOOK	121	134						N		
HS201638-HW02-124-072	CHINOOK	125	137						N		
HS201638-HW02-124-073	CHINOOK	115	125	22					N		
HS201638-HW02-124-074	CHINOOK	126							N		
HS201638-HW02-124-075	CHINOOK	158							N		
HS201638-HW02-124-076	CHINOOK	127							N		
HS201638-HW02-124-077	CHINOOK	126							N		
HS201638-HW02-124-078	CHINOOK	130							N		
HS201638-HW02-124-079	CHINOOK	118							N		
HS201638-HW02-124-080	CHINOOK	130							N		
HS201638-HW02-124-081	CHINOOK	128							N		
HS201638-HW02-124-082	CHINOOK	127							N		
HS201638-HW02-124-083	CHINOOK	138							N		
HS201638-HW02-124-084	CHINOOK	149							N		
HS201638-HW02-124-085	CHINOOK	123							N		
HS201638-HW02-124-086	CHINOOK	110							N		
HS201638-HW02-124-087	CHINOOK	135							N		
HS201638-HW03-124-001	CHINOOK	116	129	16				470	Y		
HS201638-HW03-124-002	CHINOOK	132	147	29				471	Y		
HS201638-HW03-124-003	CHINOOK	128	142	23				472	Y		
HS201638-HW03-124-004	CHINOOK	133	147	26				473	Y		
HS201638-HW03-124-005	CHINOOK	120	133	20				474	Y		
HS201638-HW03-124-006	CHINOOK	109	120	16				475	Y		
HS201638-HW03-124-007	CHINOOK	131	145	25				476	Y		
HS201638-HW03-124-008	CHINOOK	115	127	15				477	Y		
HS201638-HW03-124-009	CHINOOK	129	143	25				478	Y		
HS201638-HW03-124-010	CHINOOK	140	155	30				479	Y		
HS201638-HW03-124-011	CHINOOK	131	145	26				480	Y		
HS201638-HW03-124-012	CHINOOK	120	133	20				481	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW03-124-013	CHINOOK	136	150	25				482	Y		
HS201638-HW03-124-014	CHINOOK	137	152	30				483	Y		
HS201638-HW03-124-015	CHINOOK	128	139	24				484	Y		
HS201638-HW04-124-001	CHINOOK	127	142	23				485	Y		
HS201638-HW05-124-001	CHINOOK	123	137	24				486	Y		
HS201638-HW06-124-001	CHINOOK	153	169	40				487	Y		
HS201638-HW07-124-001	CHINOOK	117	130	20				488	Y		
HS201638-HW07-124-002	CHINOOK	135	149	26				489	Y		
HS201638-HW07-124-003	CHINOOK	123	138	23				490	Y		
HS201638-HW07-124-004	CHINOOK	142	158	31				491	Y		
HS201638-HW07-124-005	CHINOOK	140	156	32				492	Y		
HS201638-HW07-124-006	CHINOOK	128	140	23				493	Y		
HS201638-HW07-124-007	CHINOOK	127	140	26				494	Y		
HS201638-HW07-124-008	CHINOOK	140	154	35				495	Y		
HS201638-HW07-124-009	CHINOOK	145	160	36				496	Y		
HS201638-HW07-124-010	CHINOOK	162	178	46				497	Y		
HS201638-HW07-124-011	CHINOOK	140	155	35				498	Y		
HS201638-HW07-124-012	CHINOOK	125	138	22				499	Y		
HS201638-HW07-124-013	CHINOOK	135	149	28				500	Y		
HS201638-HW07-124-014	CHINOOK	130	143	25				501	Y		
HS201638-HW07-124-015	CHINOOK	125	139	25				502	Y		
HS201638-HW07-124-016	CHINOOK	136	151	34					N		
HS201638-HW07-124-017	CHINOOK	135	150	30					N		
HS201638-HW07-124-018	CHINOOK	130	143	25					N		
HS201638-HW07-124-019	CHINOOK	147	163	40					N		
HS201638-HW07-124-020	CHINOOK	153	169	46					N		
HS201638-HW07-124-021	CHINOOK	136	150	31					N		
HS201638-HW07-124-022	CHINOOK	148	162	40					N		
HS201638-HW07-124-023	CHINOOK	107	118	15					N		
HS201638-HW07-124-024	CHINOOK	155	171	47					N		
HS201638-HW07-124-025	CHINOOK	142	156	33					N		
HS201638-HW07-124-026	CHINOOK	137	151	32					N		
HS201638-HW07-124-027	CHINOOK	122	135	26					N		
HS201638-HW07-124-028	CHINOOK	132	147	30					N		
HS201638-HW07-124-029	CHINOOK	142	157	38					N		
HS201638-HW07-124-030	CHINOOK	128	142	25					N		
HS201638-HW07-124-031	CHINOOK	132	147	29					N		
HS201638-HW07-124-032	CHINOOK	130	143	26					N		
HS201638-HW07-124-033	CHINOOK	131	145	27					N		
HS201638-HW07-124-034	CHINOOK	132	147	31					N		
HS201638-HW07-124-035	CHINOOK	128	142	26					N		
HS201638-HW07-124-036	CHINOOK	122	135	22					N		
HS201638-HW07-124-037	CHINOOK	128	142	26					N		
HS201638-HW07-124-038	CHINOOK	136	151	33					N		
HS201638-HW07-124-039	CHINOOK	147	161	42					N		
HS201638-HW07-124-040	CHINOOK	155	172	42					N		
HS201638-HW07-124-041	CHINOOK	147	162	38					N		
HS201638-HW07-124-042	CHINOOK	132	146	27					N		
HS201638-HW07-124-043	CHINOOK	130	142	28					N		
HS201638-HW07-124-044	CHINOOK	130	142	28					N		
HS201638-HW07-124-045	CHINOOK	142	157	40					N		
HS201638-HW07-124-046	CHINOOK	144	160	40					N		
HS201638-HW07-124-047	CHINOOK	156	174	50					N		
HS201638-HW07-124-048	CHINOOK	130	143	25					N		
HS201638-HW07-124-049	CHINOOK	135	150	38					N		
HS201638-HW07-124-050	CHINOOK	144	160	36					N		
HS201638-HW07-124-051	CHINOOK	130	144	27					N		
HS201638-HW07-124-052	CHINOOK	148	166	40					N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW08-124-001	CHINOOK	136	150	31				503	Y		
HS201638-HW08-124-002	CHINOOK	126	140	23				504	Y		
HS201638-HW08-124-003	CHINOOK	125	139	25				505	Y		
HS201638-HW08-124-004	CHINOOK	117	128	21				506	Y		
HS201638-HW08-124-005	CHINOOK	132	147	29				507	Y		
HS201638-HW08-124-006	CHINOOK	114	126	17				508	Y		
HS201638-HW08-124-007	CHINOOK	131	147	28				509	Y		
HS201638-HW08-124-008	CHINOOK	129	141	25				510	Y		
HS201638-HW08-124-009	CHINOOK	145	160	37				511	Y		
HS201638-HW08-124-010	CHINOOK	111	124	17				512	Y		
HS201638-HW08-124-011	CHINOOK	139	15	32				513	Y		
HS201638-HW08-124-012	CHINOOK	145	159	34				514	Y		
HS201638-HW08-124-013	CHINOOK	163	180	57	Y	AD		515	Y		
HS201638-HW08-124-014	CHINOOK	128	140	25				516	Y		
HS201638-HW08-124-015	CHINOOK	121	132	20				517	Y		
HS201638-HW08-124-016	CHINOOK	110	122	15					N		
HS201638-HW08-124-017	CHINOOK	150	167	40					N		
HS201638-HW08-124-018	CHINOOK	135	151	28					N		
HS201638-HW08-124-019	CHINOOK	127	142	24					N		
HS201638-HW08-124-020	CHINOOK	135	150	28					N		
HS201638-HW08-124-021	CHINOOK	125	138	22					N		
HS201638-HW08-124-022	CHINOOK	125	138	22					N		
HS201638-HW08-124-023	CHINOOK	142	158	35					N		
HS201638-HW08-124-024	CHINOOK	119	132	20					N		
HS201638-HW08-124-025	CHINOOK	116	128	19					N		
HS201638-HW08-124-026	CHINOOK	140	153	33					N		
HS201638-HW08-124-027	CHINOOK	131	146	27					N		
HS201638-HW08-124-028	CHINOOK	132	148	27					N		
HS201638-HW08-124-029	CHINOOK	133	146	30					N		
HS201638-HW08-124-030	CHINOOK	136	150	29					N		
HS201638-HW08-124-031	CHINOOK	125	139	23					N		
HS201638-HW08-124-032	CHINOOK	122	135	22					N		
HS201638-HW08-124-033	CHINOOK	123	136	23					N		
HS201638-HW08-124-034	CHINOOK	142	156	34					N		
HS201638-HW08-124-035	CHINOOK	120	131	21					N		
HS201638-HW08-124-036	CHINOOK	96	105	10					N		
HS201638-HW08-124-037	CHINOOK	110	121	19					N		
HS201638-HW08-124-038	CHINOOK	127	140	24					N		
HS201638-HW08-124-039	CHINOOK	122	135	20					N		
HS201638-HW08-124-040	CHINOOK	125	136	24					N		
HS201638-HW08-124-041	CHINOOK	137	151	29					N		
HS201638-HW08-124-042	CHINOOK	130	145	27					N		
HS201638-HW08-124-043	CHINOOK	157	173	49					N		
HS201638-HW08-124-044	CHINOOK	123	137	22					N		
HS201638-HW08-124-045	CHINOOK	98	110	14					N		
HS201638-HW08-124-046	CHINOOK	130							N		
HS201638-HW08-124-047	CHINOOK	144							N		
HS201638-HW08-124-048	CHINOOK	134							N		
HS201638-HW08-124-049	CHINOOK	122							N		
HS201638-HW08-124-050	CHINOOK	100							N		
HS201638-HW08-124-051	CHINOOK	132							N		
HS201638-HW08-124-052	CHINOOK	132							N		
HS201638-HW08-124-053	CHINOOK	120							N		
HS201638-HW08-124-054	CHINOOK	119							N		
HS201638-HW08-124-055	CHINOOK	120							N		
HS201638-HW08-124-056	CHINOOK	118							N		
HS201638-HW08-124-057	CHINOOK	140							N		
HS201638-HW08-124-058	CHINOOK	132							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW08-124-059	CHINOOK	140							N		
HS201638-HW08-124-060	CHINOOK	110							N		
HS201638-HW08-124-061	CHINOOK	132							N		
HS201638-HW08-124-062	CHINOOK	139							N		
HS201638-HW08-124-063	CHINOOK	128							N		
HS201638-HW08-124-064	CHINOOK	134							N		
HS201638-HW08-124-065	CHINOOK	133							N		
HS201638-HW08-124-066	CHINOOK	120							N		
HS201638-HW08-124-067	CHINOOK	119							N		
HS201638-HW08-124-068	CHINOOK	125							N		
HS201638-HW08-124-069	CHINOOK	126							N		
HS201638-HW08-124-070	CHINOOK	125							N		
HS201638-HW08-124-071	CHINOOK	130							N		
HS201638-HW08-124-072	CHINOOK	126							N		
HS201638-HW08-124-073	CHINOOK	132							N		
HS201638-HW08-124-074	CHINOOK	134							N		
HS201638-HW08-124-075	CHINOOK	131							N		
HS201638-HW08-124-076	CHINOOK	132							N		
HS201638-HW08-124-077	CHINOOK	135							N		
HS201638-HW08-124-078	CHINOOK	122							N		
HS201638-HW08-124-079	CHINOOK	121							N		
HS201638-HW08-124-080	CHINOOK	140							N		
HS201638-HW08-124-081	CHINOOK	113							N		
HS201638-HW08-124-082	CHINOOK	132							N		
HS201638-HW08-124-083	CHINOOK	116							N		
HS201638-HW08-124-084	CHINOOK	120							N		
HS201638-HW08-124-085	CHINOOK	142							N		
HS201638-HW08-124-086	CHINOOK	134							N		
HS201638-HW08-124-087	CHINOOK	127							N		
HS201638-HW08-124-088	CHINOOK	128							N		
HS201638-HW08-124-089	CHINOOK	139							N		
HS201638-HW08-124-090	CHINOOK	123							N		
HS201638-HW08-124-091	CHINOOK	129							N		
HS201638-HW08-124-092	CHINOOK	130							N		
HS201638-HW08-124-093	CHINOOK	151							N		
HS201638-HW08-124-094	CHINOOK	116							N		
HS201638-HW08-124-095	CHINOOK	134							N		
HS201638-HW08-124-096	CHINOOK	120							N		
HS201638-HW08-124-097	CHINOOK	134							N		
HS201638-HW08-124-098	CHINOOK	114							N		
HS201638-HW09-124-001	CHINOOK	150	166	37				518	Y		
HS201638-HW09-124-002	CHINOOK	113	125	15				519	Y		
HS201638-HW09-124-003	CHINOOK	107	118	13				520	Y		
HS201638-HW09-124-004	CHINOOK	133	145	25				521	Y		
HS201638-HW09-124-005	CHINOOK	131	145	25				522	Y		
HS201638-HW09-124-006	CHINOOK	133	148	26				523	Y		
HS201638-HW09-124-007	CHINOOK	122	135	21				524	Y		
HS201638-HW09-124-008	CHINOOK	126	140	24				525	Y		
HS201638-HW09-124-009	CHINOOK	130	145	26				526	Y		
HS201638-HW09-124-010	CHINOOK	121	136	21				527	Y		
HS201638-HW09-124-011	CHINOOK	133	149	31				528	Y		
HS201638-HW09-124-012	CHINOOK	127	141	21				529	Y		
HS201638-HW09-124-013	CHINOOK	132	146	17				530	Y		
HS201638-HW09-124-014	CHINOOK	140	153	19				531	Y		
HS201638-HW09-124-015	CHINOOK	126	140	14				532	Y		
HS201638-HW09-124-016	CHINOOK	158	175	47					N		
HS201638-HW09-124-017	CHINOOK	125	140	22					N		
HS201638-HW10-124-001	CHINOOK	134	148	25				533	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW10-124-002	CHINOOK	126	140	24				534	Y		
HS201638-HW10-124-003	CHINOOK	128	142	23				535	Y		
HS201638-HW10-124-004	CHINOOK	106	118	11				536	Y		
HS201638-HW11-124-001	CHINOOK	144	159	36				537	Y		
HS201638-HW11-124-002	CHINOOK	118	130	18				538	Y		
HS201638-HW11-124-003	CHINOOK	123	136	22				539	Y		
HS201638-HW11-124-004	CHINOOK	118	132	21				540	Y		
HS201638-HW11-124-005	CHINOOK	134	147	28				541	Y		
HS201638-HW11-124-006	CHINOOK	149	163	40				542	Y		
HS201638-HW11-124-007	CHINOOK	124	136	22				543	Y		
HS201638-HW11-124-008	CHINOOK	185	207	74				544	Y		
HS201638-HW12-124-001	CHINOOK	128	143	23				545	Y		
HS201638-HW17-124-001	CHINOOK	145	164	43				546	Y		
HS201638-HW17-124-002	CHINOOK	143	159	37				547	Y		
HS201638-HW17-124-003	CHINOOK	138	151	31				548	Y		
HS201638-HW17-124-004	CHINOOK	130	143	27				549	Y		
HS201638-HW17-124-005	CHINOOK	123	140	25				550	Y		
HS201638-HW17-124-006	CHINOOK	110	123	17				551	Y		
HS201638-HW17-124-007	CHINOOK	130	142	26				552	Y		
HS201638-HW17-124-008	CHINOOK	112	124	15				553	Y		
HS201638-HW17-124-009	CHINOOK	135	149	32				554	Y		
HS201638-HW17-124-010	CHINOOK	130	144	31				555	Y		
HS201638-HW17-124-011	CHINOOK	119	134	22				556	Y		
HS201638-HW18-124-001	CHINOOK	116	128	18				557	Y		
HS201638-HW18-124-002	CHINOOK	120	131	22				558	Y		
HS201638-HW18-124-003	CHINOOK	125	139	25				559	Y		
HS201638-HW18-124-004	CHINOOK	133	148	32				560	Y		
HS201638-HW18-124-005	CHINOOK	157	175	48				561	Y		
HS201638-HW18-124-006	CHINOOK	135	149	29				562	Y		
HS201638-HW18-124-007	CHINOOK	138	152	32				563	Y		
HS201638-HW18-124-008	CHINOOK	119	132	20				564	Y		
HS201638-HW18-124-009	CHINOOK	125	138	27				565	Y		
HS201638-HW18-124-010	CHINOOK	131	145	33				566	Y		
HS201638-HW19-124-001	CHINOOK	192	215	91	Y	AD		567	Y		
HS201638-HW19-124-002	CHINOOK	130	143	33				568	Y		
HS201638-HW19-124-003	CHINOOK	114	126	19				569	Y		
HS201638-HW20-124-001	CHINOOK	131	144	27				570	Y		
HS201638-HW20-124-002	CHINOOK	132	146	31				571	Y		
HS201638-HW20-124-003	CHINOOK	129	142	26				572	Y		
HS201638-HW20-124-004	CHINOOK	118	131	22				573	Y		
HS201638-HW20-124-005	CHINOOK	132	147	28				574	Y		
HS201638-HW20-124-006	CHINOOK	132	144	28				575	Y		
HS201638-HW20-124-007	CHINOOK	138	152	32				576	Y		
HS201638-HW20-124-008	CHINOOK	140	154	36				577	Y		
HS201638-HW20-124-009	CHINOOK	131	144	29				578	Y		
HS201638-HW20-124-010	CHINOOK	134	147	32				579	Y		
HS201638-HW20-124-011	CHINOOK	102	115	11				580	Y		
HS201638-HW20-124-012	CHINOOK	127	140	28				581	Y		
HS201638-HW20-124-013	CHINOOK	141	156	36				582	Y		
HS201638-HW20-124-014	CHINOOK	122	135	24				583	Y		
HS201638-HW20-124-015	CHINOOK	122	135	23				584	Y		
HS201638-HW20-124-016	CHINOOK	141	157	38					N		
HS201638-HW20-124-017	CHINOOK	147	163	40					N		
HS201638-HW20-124-018	CHINOOK	136	150	35					N		
HS201638-HW20-124-019	CHINOOK	121	134	21					N		
HS201638-HW20-124-020	CHINOOK	131	145	29					N		
HS201638-HW20-124-021	CHINOOK	128	142	30					N		
HS201638-HW20-124-022	CHINOOK	136	150	33					N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW20-124-023	CHINOOK	132	147	28					N		
HS201638-HW20-124-024	CHINOOK	123	148	33					N		
HS201638-HW20-124-025	CHINOOK	139	154	34					N		
HS201638-HW20-124-026	CHINOOK	130	145	30					N		
HS201638-HW20-124-027	CHINOOK	130	144	28					N		
HS201638-HW20-124-028	CHINOOK	143	158	39					N		
HS201638-HW20-124-029	CHINOOK	123	136	26					N		
HS201638-HW20-124-030	CHINOOK	138	154	35					N		
HS201638-HW20-124-031	CHINOOK	131	146	31					N		
HS201638-HW20-124-032	CHINOOK	136	151	35					N		
HS201638-HW20-124-033	CHINOOK	128	141	28					N		
HS201638-HW20-124-034	CHINOOK	146	162	38					N		
HS201638-HW20-124-035	CHINOOK	136	150	37					N		
HS201638-CB02-112-001	CHUM	157	175	41					N		
HS201638-CB02-112-002	CHUM	180	200	61					N		
HS201638-CB03-112-001	CHUM	145	163	34					N		
HS201638-CB04-112-001	CHUM	180	200	69					N		
HS201638-CB04-112-002	CHUM	176	195	61					N		
HS201638-CB04-112-003	CHUM	183	203	68					N		
HS201638-CB04-112-004	CHUM	171	189	54					N		
HS201638-CB06-112-001	CHUM	155	172	42					N		
HS201638-CB09-112-001	CHUM	165	180	45					N		
HS201638-CB10-112-001	CHUM	147	164	35					N		
HS201638-CB10-112-002	CHUM	157	175	44					N		
HS201638-CB11-112-001	CHUM	183	204	76					N		
HS201638-CB11-112-002	CHUM	158	175	41					N		
HS201638-CB11-112-003	CHUM	162	178	48					N		
HS201638-CB11-112-004	CHUM	151	167	37					N		
HS201638-CB11-112-005	CHUM	178	197	66					N		
HS201638-CB11-112-006	CHUM	176	194	64					N		
HS201638-CB11-112-007	CHUM	177	198	66					N		
HS201638-CB11-112-008	CHUM	176	195	65					N		
HS201638-CB11-112-009	CHUM	182	202	71					N		
HS201638-CB11-112-010	CHUM	151	167	39					N		
HS201638-CB12-112-001	CHUM	180	201	71					N		
HS201638-HW01-112-001	CHUM	197	218	74					N		
HS201638-HW01-112-002	CHUM	190	210	68					N		
HS201638-HW01-112-003	CHUM	206	227	96					N		
HS201638-HW01-112-004	CHUM	199	222	89					N		
HS201638-HW01-112-005	CHUM	210	233	99					N		
HS201638-HW01-112-006	CHUM	193	214	82					N		
HS201638-HW01-112-007	CHUM	192	214	76					N		
HS201638-HW01-112-008	CHUM	190	212	73					N		
HS201638-HW01-112-009	CHUM	190	210	75					N		
HS201638-HW01-112-010	CHUM	202	225	89					N		
HS201638-HW01-112-011	CHUM	203	225	89					N		
HS201638-HW01-112-012	CHUM	213	235	105					N		
HS201638-HW01-112-013	CHUM	225	248	122					N		
HS201638-HW02-112-001	CHUM	205	227	99					N		
HS201638-HW02-112-002	CHUM	200	222	101					N		
HS201638-HW02-112-003	CHUM	215	239	111					N		
HS201638-HW02-112-004	CHUM	180	199						N		
HS201638-HW02-112-005	CHUM	204	227						N		
HS201638-HW02-112-006	CHUM	204	225	97					N		
HS201638-HW02-112-007	CHUM	216	239	118					N		
HS201638-HW02-112-008	CHUM	205	227	100					N		
HS201638-HW02-112-009	CHUM	190	210						N		
HS201638-HW02-112-010	CHUM	195	217	100					N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW02-112-011	CHUM	197	219	102					N		
HS201638-HW02-112-012	CHUM	206	227						N		
HS201638-HW02-112-013	CHUM	194	217	80					N		
HS201638-HW02-112-014	CHUM	210	232	115					N		
HS201638-HW03-112-001	CHUM	194	215						N		TOO WINDY FOR WTS
HS201638-HW03-112-002	CHUM	188	209						N		TOO WINDY FOR WTS
HS201638-HW03-112-003	CHUM	192	214						N		TOO WINDY FOR WTS
HS201638-HW03-112-004	CHUM	222	247						N		TOO WINDY FOR WTS
HS201638-HW03-112-005	CHUM	190	212						N		TOO WINDY FOR WTS
HS201638-HW03-112-006	CHUM	213	238						N		TOO WINDY FOR WTS
HS201638-HW03-112-007	CHUM	203	226						N		TOO WINDY FOR WTS
HS201638-HW03-112-008	CHUM	202	226						N		TOO WINDY FOR WTS
HS201638-HW03-112-009	CHUM	199	220						N		TOO WINDY FOR WTS
HS201638-HW03-112-010	CHUM	196	218						N		TOO WINDY FOR WTS
HS201638-HW03-112-011	CHUM	204	227						N		TOO WINDY FOR WTS
HS201638-HW03-112-012	CHUM	200	222						N		TOO WINDY FOR WTS
HS201638-HW03-112-013	CHUM	207	230						N		TOO WINDY FOR WTS
HS201638-HW03-112-014	CHUM	206	229						N		TOO WINDY FOR WTS
HS201638-HW03-112-015	CHUM	207	231						N		TOO WINDY FOR WTS
HS201638-HW03-112-016	CHUM	203	226						N		TOO WINDY FOR WTS
HS201638-HW03-112-017	CHUM	220	244						N		TOO WINDY FOR WTS
HS201638-HW03-112-018	CHUM	227	253						N		TOO WINDY FOR WTS
HS201638-HW03-112-019	CHUM	210	235						N		TOO WINDY FOR WTS
HS201638-HW03-112-020	CHUM	200	223						N		TOO WINDY FOR WTS
HS201638-HW03-112-021	CHUM	211	237						N		TOO WINDY FOR WTS
HS201638-HW03-112-022	CHUM	195	216						N		TOO WINDY FOR WTS
HS201638-HW03-112-023	CHUM	203	225						N		TOO WINDY FOR WTS
HS201638-HW03-112-024	CHUM	192	211						N		TOO WINDY FOR WTS
HS201638-HW03-112-025	CHUM	197	219						N		TOO WINDY FOR WTS
HS201638-HW03-112-026	CHUM	186	208						N		TOO WINDY FOR WTS
HS201638-HW03-112-027	CHUM	184	204						N		TOO WINDY FOR WTS
HS201638-HW03-112-028	CHUM	206	230						N		TOO WINDY FOR WTS
HS201638-HW03-112-029	CHUM	214	237						N		TOO WINDY FOR WTS
HS201638-HW03-112-030	CHUM	211	232						N		TOO WINDY FOR WTS
HS201638-HW03-112-031	CHUM	182	202						N		TOO WINDY FOR WTS
HS201638-HW03-112-032	CHUM	227	255						N		TOO WINDY FOR WTS
HS201638-HW03-112-033	CHUM	212	237						N		TOO WINDY FOR WTS
HS201638-HW03-112-034	CHUM	229	252						N		TOO WINDY FOR WTS
HS201638-HW03-112-035	CHUM	194	215						N		TOO WINDY FOR WTS
HS201638-HW03-112-036	CHUM	198	219						N		TOO WINDY FOR WTS
HS201638-HW03-112-037	CHUM	199	221						N		TOO WINDY FOR WTS
HS201638-HW03-112-038	CHUM	207	230						N		TOO WINDY FOR WTS
HS201638-HW03-112-039	CHUM	190	210						N		TOO WINDY FOR WTS
HS201638-HW03-112-040	CHUM	212	238						N		TOO WINDY FOR WTS
HS201638-HW03-112-041	CHUM	204	226						N		TOO WINDY FOR WTS
HS201638-HW03-112-042	CHUM	199	220						N		TOO WINDY FOR WTS
HS201638-HW04-112-001	CHUM	185	207	74					N		
HS201638-HW04-112-002	CHUM	207	230	100					N		
HS201638-HW05-112-001	CHUM	203	226	91					N		
HS201638-HW05-112-002	CHUM	211	235	111					N		
HS201638-HW05-112-003	CHUM	189	209	73					N		
HS201638-HW07-112-001	CHUM	211	234	111					N		
HS201638-HW07-112-002	CHUM	201	222	91					N		
HS201638-HW07-112-003	CHUM	204	227	106					N		
HS201638-HW07-112-004	CHUM	217	241	125					N		
HS201638-HW07-112-005	CHUM	181	201	66					N		
HS201638-HW07-112-006	CHUM	202	224	92					N		
HS201638-HW07-112-007	CHUM	225	248	134					N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW07-112-008	CHUM	197	217	87					N		
HS201638-HW07-112-009	CHUM	201	222	100					N		
HS201638-HW07-112-010	CHUM	204	225	98					N		
HS201638-HW07-112-011	CHUM	198	218	94					N		
HS201638-HW07-112-012	CHUM	178	195	69					N		
HS201638-HW07-112-013	CHUM	195	215	90					N		
HS201638-HW07-112-014	CHUM	194	216	85					N		
HS201638-HW07-112-015	CHUM	190	209	84					N		
HS201638-HW07-112-016	CHUM	200	220	91					N		
HS201638-HW07-112-017	CHUM	194	215	93					N		
HS201638-HW07-112-018	CHUM	205	227	103					N		
HS201638-HW07-112-019	CHUM	215	240	124					N		
HS201638-HW07-112-020	CHUM	201	224	93					N		
HS201638-HW07-112-021	CHUM	193	214	94					N		
HS201638-HW07-112-022	CHUM	207	228	108					N		
HS201638-HW07-112-023	CHUM	191	212	87					N		
HS201638-HW07-112-024	CHUM	209	231	111					N		
HS201638-HW07-112-025	CHUM	207	230	117					N		
HS201638-HW07-112-026	CHUM	187	207	77					N		
HS201638-HW08-112-001	CHUM	201	224	93					N		
HS201638-HW08-112-002	CHUM	198	219	98					N		
HS201638-HW08-112-003	CHUM	216	240	130					N		
HS201638-HW08-112-004	CHUM	207	230	109					N		
HS201638-HW08-112-005	CHUM	209	234	106					N		
HS201638-HW08-112-006	CHUM	202	225	101					N		
HS201638-HW08-112-007	CHUM	192	214	86					N		
HS201638-HW08-112-008	CHUM	195	217	91					N		
HS201638-HW08-112-009	CHUM	200	224	97					N		
HS201638-HW08-112-010	CHUM	196	217	90					N		
HS201638-HW08-112-011	CHUM	191	212	80					N		
HS201638-HW08-112-012	CHUM	192	213	88					N		
HS201638-HW08-112-013	CHUM	196	217	100					N		
HS201638-HW08-112-014	CHUM	198	221	99					N		
HS201638-HW08-112-015	CHUM	180	199	69					N		
HS201638-HW08-112-016	CHUM	226	252	143					N		
HS201638-HW08-112-017	CHUM	190	209	86					N		
HS201638-HW08-112-018	CHUM	212	236	115					N		
HS201638-HW08-112-019	CHUM	229	255	149					N		
HS201638-HW08-112-020	CHUM	200	223	108					N		
HS201638-HW08-112-021	CHUM	210	233	119					N		
HS201638-HW08-112-022	CHUM	189	212	89					N		
HS201638-HW08-112-023	CHUM	203	225	103					N		
HS201638-HW08-112-024	CHUM	215	239	122					N		
HS201638-HW08-112-025	CHUM	215	239	120					N		
HS201638-HW08-112-026	CHUM	183	204	77					N		
HS201638-HW08-112-027	CHUM	217	240	124					N		
HS201638-HW08-112-028	CHUM	202	225	103					N		
HS201638-HW08-112-029	CHUM	214	236	127					N		
HS201638-HW08-112-030	CHUM	200	224	105					N		
HS201638-HW08-112-031	CHUM	199							N		
HS201638-HW08-112-032	CHUM	198							N		
HS201638-HW08-112-033	CHUM	208							N		
HS201638-HW08-112-034	CHUM	219							N		
HS201638-HW08-112-035	CHUM	212							N		
HS201638-HW08-112-036	CHUM	207							N		
HS201638-HW08-112-037	CHUM	206							N		
HS201638-HW08-112-038	CHUM	209							N		
HS201638-HW08-112-039	CHUM	216							N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW08-112-040	CHUM	212							N		
HS201638-HW08-112-041	CHUM	197							N		
HS201638-HW08-112-042	CHUM	205							N		
HS201638-HW08-112-043	CHUM	220							N		
HS201638-HW08-112-044	CHUM	205							N		
HS201638-HW08-112-045	CHUM	185							N		
HS201638-HW08-112-046	CHUM	208							N		
HS201638-HW08-112-047	CHUM	209							N		
HS201638-HW08-112-048	CHUM	203							N		
HS201638-HW08-112-049	CHUM	175							N		
HS201638-HW08-112-050	CHUM	216							N		
HS201638-HW08-112-051	CHUM	190							N		
HS201638-HW08-112-052	CHUM	200							N		
HS201638-HW08-112-053	CHUM	218							N		
HS201638-HW08-112-054	CHUM	210							N		
HS201638-HW08-112-055	CHUM	186							N		
HS201638-HW08-112-056	CHUM	218							N		
HS201638-HW08-112-057	CHUM	206							N		
HS201638-HW08-112-058	CHUM	200							N		
HS201638-HW09-112-001	CHUM	221	245	120					N		
HS201638-HW09-112-002	CHUM	195	216	82					N		
HS201638-HW09-112-003	CHUM	202	227	103					N		
HS201638-HW09-112-004	CHUM	190	210	86					N		
HS201638-HW09-112-005	CHUM	210	232	107					N		
HS201638-HW09-112-006	CHUM	195	217	85					N		
HS201638-HW09-112-007	CHUM	197	220	91					N		
HS201638-HW09-112-008	CHUM	200	220	101					N		
HS201638-HW09-112-009	CHUM	185	205	77					N		
HS201638-HW09-112-010	CHUM	163	180	44					N		
HS201638-HW16-112-001	CHUM	206	230	115					N		
HS201638-HW16-112-002	CHUM	191	212	84					N		
HS201638-HW16-112-003	CHUM	221	247	135					N		
HS201638-HW16-112-004	CHUM	226	254	147					N		
HS201638-HW16-112-005	CHUM	205	227	101					N		
HS201638-HW16-112-006	CHUM	198	219	97					N		
HS201638-HW16-112-007	CHUM	200	220	97					N		
HS201638-HW17-112-001	CHUM	181	201	68					N		
HS201638-HW17-112-002	CHUM	219	242	135					N		
HS201638-HW17-112-003	CHUM	204	226	102					N		
HS201638-HW17-112-004	CHUM	215	237	119					N		
HS201638-HW17-112-005	CHUM	226	250	136					N		
HS201638-HW17-112-006	CHUM	199	222	95					N		
HS201638-HW17-112-007	CHUM	190	212	79					N		
HS201638-HW17-112-008	CHUM	218	243	128					N		
HS201638-HW17-112-009	CHUM	223	248	134					N		
HS201638-HW17-112-010	CHUM	207	230	108					N		
HS201638-HW17-112-011	CHUM	206	228	103					N		
HS201638-HW17-112-012	CHUM	212	235	113					N		
HS201638-HW17-112-013	CHUM	206	230	96					N		
HS201638-HW17-112-014	CHUM	197	220	94					N		
HS201638-HW17-112-015	CHUM	210	23	114					N		
HS201638-HW17-112-016	CHUM	188	211	78					N		
HS201638-HW17-112-017	CHUM	200	222	101					N		
HS201638-HW17-112-018	CHUM	192	212	90					N		
HS201638-HW17-112-019	CHUM	186	205	73					N		
HS201638-HW17-112-020	CHUM	218	242	118					N		
HS201638-HW17-112-021	CHUM	220	241	123					N		
HS201638-HW17-112-022	CHUM	190	211	84					N		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW17-112-023	CHUM	203	225	101					N		
HS201638-HW18-112-001	CHUM	200	220	94					N		
HS201638-HW18-112-002	CHUM	191	212	75					N		
HS201638-HW18-112-003	CHUM	223	250	139					N		
HS201638-HW18-112-004	CHUM	195	214	81					N		
HS201638-HW18-112-005	CHUM	190	209	75					N		
HS201638-HW18-112-006	CHUM	201	223	101					N		
HS201638-HW18-112-007	CHUM	215	237	125					N		
HS201638-HW18-112-008	CHUM	202	224	100					N		
HS201638-HW18-112-009	CHUM	205	227	102					N		
HS201638-HW18-112-010	CHUM	195	216	84					N		
HS201638-HW18-112-011	CHUM	190	214	88					N		
HS201638-HW18-112-012	CHUM	197	219	91					N		
HS201638-HW18-112-013	CHUM	181	200	69					N		
HS201638-HW18-112-014	CHUM	192	213	83					N		
HS201638-HW19-112-001	CHUM	200	224	109					N		
HS201638-HW19-112-002	CHUM	181	201	64					N		
HS201638-HW19-112-003	CHUM	185	204	75					N		
HS201638-HW19-112-004	CHUM	200	220	86					N		
HS201638-HW19-112-005	CHUM	222	247	136					N		
HS201638-HW19-112-006	CHUM	200	223	99					N		
HS201638-HW20-112-001	CHUM	232	260	144					N		
HS201638-HW20-112-002	CHUM	205	229	106					N		
HS201638-HW20-112-003	CHUM	198	220	88					N		
HS201638-HW20-112-004	CHUM	210	230	105					N		
HS201638-HW20-112-005	CHUM	210	232	106					N		
HS201638-HW20-112-006	CHUM	205	229	101					N		
HS201638-HW20-112-007	CHUM	218	245	125					N		
HS201638-HW20-112-008	CHUM	216	240	119					N		
HS201638-HW20-112-009	CHUM	221	246	116					N		
HS201638-HW20-112-010	CHUM	204	225	103					N		
HS201638-HW20-112-011	CHUM	204	224	105					N		
HS201638-HW20-112-012	CHUM	208	230	112					N		
HS201638-HW20-112-013	CHUM	215	239	122					N		
HS201638-CB01-115-001	COHO	237	262	152		AD		87	Y		
HS201638-CB02-115-001	COHO	177	194	79				88	Y		
HS201638-CB02-115-002	COHO	197	216	102				89	Y		
HS201638-CB01-108-001	PINK	177	197	58					N		
HS201638-CB02-108-001	PINK	170	188	53					N		
HS201638-CB02-108-002	PINK	162	180	49					N		
HS201638-CB02-108-003	PINK	174	193	56					N		
HS201638-CB02-108-004	PINK	170	190	42					N		
HS201638-HW03-118-001	SOCKEYE	115	128	12				150	Y		
HS201638-HW04-118-001	SOCKEYE	125	138	20				151	Y		
HS201638-HW05-118-001	SOCKEYE	110	122	15				152	Y		
HS201638-HW05-118-002	SOCKEYE	112	125	17				153	Y		
HS201638-HW11-118-001	SOCKEYE	110	123	13				154	Y		
HS201638-HW15-118-001	SOCKEYE	102	114	10				155	Y		
HS201638-HW15-118-002	SOCKEYE	102	113	11				156	Y		
HS201638-HW16-118-001	SOCKEYE	100	110	10				157	Y		
HS201638-HW16-118-002	SOCKEYE	96	105	9				158	Y		
HS201638-HW16-118-003	SOCKEYE	110	122	14				159	Y		
HS201638-HW16-118-004	SOCKEYE	109	121	14				160	Y		
HS201638-HW16-118-005	SOCKEYE	92	102	8				161	Y		
HS201638-HW16-118-006	SOCKEYE	92	102	8				162	Y		
HS201638-HW16-118-007	SOCKEYE	128	142	23				163	Y		
HS201638-HW16-118-008	SOCKEYE	95	105	9				164	Y		
HS201638-HW16-118-009	SOCKEYE	105	118	13				165	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201638-HW16-118-010	SOCKEYE	112	125	16				166	Y		
HS201638-HW16-118-011	SOCKEYE	115	127	14				167	Y		
HS201638-HW17-118-001	SOCKEYE	118	130	16				168	Y		
HS201638-HW20-118-001	SOCKEYE	110	122	13				169	Y		

APPENDIX 1: INDIVIDUAL CATCH DATA continued

Fish Number	SPECIES	Length (mm)	TL (mm)	Weight (g)	CWT	Fin Clip	Sex	DNA	Sample	# Lice	Comments
HS201639-CB02-124-001	CHINOOK	200	222	89				585	Y		
HS201639-CB02-124-002	CHINOOK	217	242	117				586	Y		
HS201639-CB10-124-001	CHINOOK	206	227	111				587	Y		
HS201639-HW01-124-001	CHINOOK	170	190	58				588	Y		
HS201639-HW01-124-002	CHINOOK	177	199	63				589	Y		
HS201639-HW02-124-001	CHINOOK	160	176	50				590	Y		
HS201639-HW02-124-002	CHINOOK	162	181	49				591	Y		
HS201639-HW02-124-003	CHINOOK	152	167	40				592	Y		
HS201639-HW05-124-001	CHINOOK	157	174	48				593	Y		
HS201639-HW05-124-002	CHINOOK	148	165	35				594	Y		
HS201639-HW05-124-003	CHINOOK	164	182	51				595	Y		
HS201639-HW05-124-004	CHINOOK	156	172	41				596	Y		
HS201639-HW05-124-005	CHINOOK	162	177	50				597	Y		
HS201639-HW05-124-006	CHINOOK	137	151	28				598	Y		
HS201639-HW08-124-001	CHINOOK	146	162	36				599	Y		
HS201639-HW08-124-002	CHINOOK	149	165	36				600	Y		
HS201639-HW08-124-003	CHINOOK	154	169	45				601	Y		
HS201639-HW08-124-004	CHINOOK	161	179	49				602	Y		
HS201639-HW09-124-001	CHINOOK	180	198	74				603	Y		
HS201639-HW09-124-002	CHINOOK	162	179	46				604	Y		
HS201639-HW09-124-003	CHINOOK	140	155	32				605	Y		
HS201639-HW09-124-004	CHINOOK	155	170	48				606	Y		
HS201639-HW09-124-005	CHINOOK	154	166	41				607	Y		
HS201639-HW11-124-001	CHINOOK	155	172	44				608	Y		
HS201639-HW11-124-002	CHINOOK	145	159	38				609	Y		
HS201639-HW11-124-003	CHINOOK	151	167	41				610	Y		
HS201639-HW12-124-001	CHINOOK	156	172	44				611	Y		
HS201639-HW12-124-002	CHINOOK	160	178	45				612	Y		
HS201639-HW13-124-001	CHINOOK	150	166	39				613	Y		
HS201639-HW13-124-002	CHINOOK	151	166	40				614	Y		
HS201639-HW13-124-003	CHINOOK	152	168	38				615	Y		
HS201639-HW14-124-001	CHINOOK	133	149	26				616	Y		
HS201639-HW14-124-002	CHINOOK	185	206	76	Y	AD		617	Y		
HS201639-HW14-124-003	CHINOOK	150	165	39				618	Y		
HS201639-HW15-124-001	CHINOOK	166	187	55				619	Y		
HS201639-HW17-124-001	CHINOOK	137	151	31				620	Y		
HS201639-HW18-124-001	CHINOOK	190	212	79		AD		621	Y		
HS201639-HW18-124-002	CHINOOK	164	180	45				622	Y		
HS201639-HW19-124-001	CHINOOK	142	156	30				623	Y		
HS201639-HW19-124-002	CHINOOK	135	150	28				624	Y		
HS201639-HW02-112-001	CHUM	205	225	84					N		
HS201639-CB02-115-001	COHO	191	212	70				90	Y		
HS201639-HW01-118-001	SOCKEYE	143	159	31				170	Y		
HS201639-HW01-118-002	SOCKEYE	136	151	27				171	Y		
HS201639-HW01-118-003	SOCKEYE	132	147	23				172	Y		
HS201639-HW14-118-001	SOCKEYE	116	128	14				173	Y		
HS201639-HW14-118-002	SOCKEYE	130	144	20				174	Y		
HS201639-HW14-118-003	SOCKEYE	142	158	27				175	Y		
HS201639-HW15-118-001	SOCKEYE	139	155	28				176	Y		
HS201639-HW16-118-001	SOCKEYE	129	142	22				177	Y		
HS201639-HW17-118-001	SOCKEYE	135	151	29				178	Y		
HS201639-HW18-118-001	SOCKEYE	132	148	23				179	Y		