# Toboggan Creek Coho Smolt Enumeration 1998

Prepared by

SKR Consultants Ltd. Smithers, B.C.

for

Department of Fisheries and Oceans Smithers, B.C.

August 1998

## **Executive Summary**

Juvenile coho were sampled in Toboggan Creek for the fourth consecutive year. A rotary screw trap was used for smolt enumeration in the spring of 1998, where as a fyke net had been used in the previous three years. Weekly sampling of coho was conducted over two to three sampling periods (10 to 24 hours in length) between May 5 and June 24, 1998. Additional sampling was conducted on July 8-9, 1998, just prior to the removal of the rotary screw trap. Data on discharge, water temperature, ambient temperature, weather conditions and trap performance were collected for each trap setting.

Fish species captured throughout the study period include coho (Oncorhynchus kisutch), rainbow trout/steelhead (O. mykiss), chinook salmon (O. tsawytscha), and lampreys (Lampetra sp.). A total of 408 wild coho and 208 hatchery coho were caught in the rotary screw trap in the spring of 1998. In addition, 56 rainbow trout/steelhead, nine chinook, and 20 lampreys were captured.

Trap performance was generally good, and it is felt that catches were a direct indicator of effort and migration rates. The peak of migration of coho smolts appeared to occur between May 25 and June 7, 1998. Water levels were generally moderate to low, and fluctuated relatively little over the study period. The rotary screw trap appeared to be less efficient than the fyke trap used in previous years.

All data collected during the 1998 sampling period is located in Appendices 1 and 2. A general summary of the data and recommendations for the continuation of this sampling program, and trap operation on an annual basis are given.

# **Table of Contents**

EXECUTIVE SUMMARY	i
TABLE OF CONTENTS	. ij
LIST OF TABLES	
LIST OF FIGURES	
ACKNOWLEDGMENTS	
1.0 INTRODUCTION	
2.0 MATERIALS AND METHODS	
2.1 Study Site	
2.2 Rotary Screw Trap	
2.3 Data Collection	
3.0 RESULTS AND DISCUSSION	
3.1 Discharge and Temperature	.4
3.2 Trap performance	
3.3 Coho abundance and size	
3.4 Other species	10
4.0 RECOMMENDATIONS	13
5.0 LITERATURE CITED	14
APPENDIX 1. LENGTH AND WEIGHT DATA FOR SALMONIDS CAPTURED IN TOBOGGAN CREEK, 19981	15
APPENDIX 2. FIELD DATA SHEETS FOR ALL ROTARY SCREW TRAP SETTINGS	

# List of Tables

Table 1.	Total number of wild and hatchery coho captured in the three years of the Toboggan Creek coho smolt enumeration project
Table 2.	Adult coho escapement recorded for 1993, 1994, 1995, 1996 and 1997. Numbers are courtesy of Mike O'Neill (pers. comm. 1998)9
Table 3.	Summary of length and weight distribution of wild coho throughout the 1998 coho smolt enumeration project
Table 4.	Summary of the number of juvenile fish caught in the rotary screw trap in Toboggan Creek, by species.

# List of Figures

Figure 1.	Location of study site (approximate scale = 1:50,000)2
Figure 2.	Example of common rotary screw trap setting at Toboggan Creek in the spring of 1998. Note trap position which provided good trap performance by intercepting high velocity water.
Figure 3.	Staff gauge readings (water level) indicating variations in discharge at Toboggan Creek
Figure 4.	Recorded variation in temperature at sample times described in Appendix 2. Maximum and minimum temperatures do not necessarily refer to maximum and minimum daily temperatures.
Figure 5.	Number of wild and hatchery coho caught in the rotary screw trap at Toboggan Creek during each sampling period. The solid line indicates sampling intensity in number of trap hours, and stars (*) indicate sampling periods where trapping was conducted during daylight hours only.

# Acknowledgments

This study would not have been possible without the help, advice and organization provided by Barry Finnegan (P.B.S.). Barry also aided in the installation of the rotary screw trap. Ken and Kelly Landrock kindly allowed for the use of their driveway and property for access to the sampling site. Mike O'Neill and staff of the Toboggan Creek hatchery readily supplied information required to complete the report, including timing of release of hatchery fish, and temperature and staff gauge readings. Ron Saimoto, Regina Saimoto, Matthew Jessop, and Mark LeRuez aided in the collection of data throughout the field portion of the project. Figures for this report were produced by Darryl Struthers.

# 1.0 Introduction

Toboggan Creek is a glacial tributary to the Bulkley River, within the Skeena watershed. Toboggan Creek has good spawning habitat, and its low gradient side channels and Toboggan Lake appear to provide a substantial amount of suitable rearing habitat for coho (Oncorhynchus kisutch). Adult coho returns have ranged from 394 to 4500 in the past nine years (O'Neill pers. comm.). In addition to coho, steelhead (O. mykiss), rocky mountain whitefish (Prosopium williamsoni), Dolly Varden (Salvelinus malma), and sculpin (Cottus sp.) are known to utilize the system (SISS). Chinook salmon (O. tsawytscha) have also been documented to be present (SKR 1995, Taylor 1997, O'Neill pers. com.)

Toboggan Creek is a relatively unique sub-drainage of the Bulkley watershed in that it has a hatchery facility which has augmented the Toboggan Creek coho stock since 1988 (1986 brood year). Smolts released from the hatchery are marked with coded wire tags, and adipose fin clips. An adult counting fence, located approximately 2.5 km upstream of the confluence of the creek with the Bulkley River (Figure 1), has served for a detailed enumeration of adult coho since 1989 and adult steelhead since 1993 (O'Neill pers. comm.). The adult fence is maintained and managed by the Toboggan Creek hatchery staff. Due to the availability of reliable adult escapement data, and the presence of a known number of marked coho smolts in the system, Toboggan Creek lends itself to studies in freshwater survival, age distribution at smoltification, migration timing and recruitment of juvenile coho salmon.

The primary focus of the "Toboggan Creek Smolt Project" is to collect information which can be used for an estimation of the number of wild coho smolts leaving Toboggan Creek. The 1998 juvenile index work will be complimented by adult coho studies conducted in the fall of 1994, 1995, 1996 and 1997. The fall studies provided escapement estimates of 2430, 1762, 1166 and 376 adult coho returns (above the adult fence), respectively (O'Neill pers. comm.). In addition, future adult escapement estimates conducted in 1998, 1999 and 2000 will provide valuable information on smolt to adult survival.

This is the fourth consecutive year of the coho smolt enumeration project in Toboggan Creek. The project was initiated in the spring of 1995 (SKR 1995), and repeated in the spring of 1996 (SKR 1996) and 1997 (SKR 1997). In 1998, sampling techniques were altered to further reduce stress and mortalities on coho salmon in Toboggan Creek. This report summarizes data collected in the 1998 field season. Data will be utilized by the Department of Fisheries to conduct abundance estimates.

The Toboggan Creek rotary screw trap study had the following objectives:

- 1. To collect data for the estimation wild coho abundance of Toboggan Creek by comparison with recaptures of marked hatchery fish.
- 2. To attain records of age and condition of wild coho and their time of migration from Toboggan Creek in 1998.
- 3. To collect information on condition (fork length and weight), migration timing and comparative abundance of other fish species present in Toboggan Creek.

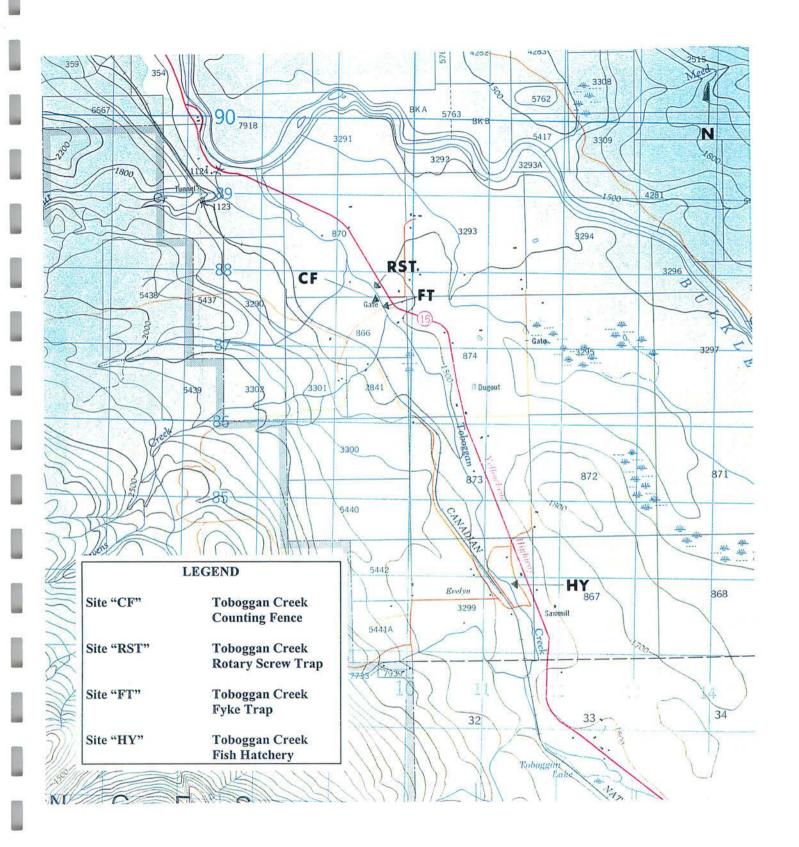


Figure 1. Location of study site (approximate scale = 1:50,000).

## 2.0 Materials and Methods

# 2.1 Study Site

A site just downstream from the adult counting fence was chosen for the location of the rotary screw trap (Figure 1). This site facilitated the study due to its accessibility, current pattern, and pool depth. The smolt trap could be set in such a way as to intercept a significant proportion (up to 35%) of the discharge (Figure 2). The capture dynamics of the rotary screw trap decreased current velocity in the live box, and decreased stress (and consequent mortality) of captured fish.

In previous years, a fyke net was installed just upstream of the adult counting fence for the enumeration of coho smolts. However, channel patterns appear to have increased erosion of the stream banks at this site, and a site downstream of the adult counting fence was chosen to minimize water displacement and consequent erosion of the stream bank upstream of the counting fence. The use of a different capture site, and different sampling techniques may make comparisons of capture rates, length, weight and age data less meaningful.

#### 2.2 Rotary Screw Trap

A rotary screw trap was utilized in the spring of 1998 for coho smolt enumeration in Toboggan Creek. The trap was anchored to the shore with a cable and a pulley to allow for the movement of the trap into the main flow for sampling, and onto shore for non-sampling periods. The exact location of the trap during sampling periods was secured via ropes attached to the trap and to the shore (Figure 2). The height of the drum could be adjusted by a hand winch, but was set in its lowest position for all trap settings. The live box, located at the rear of the trap, had a self cleaning drum, but still required occasional cleaning and maintenance.

The rotary screw trap was in operation for a total of 9 weeks (May 5 to July 9, 1998). The trap was fished for approximately two to three sampling periods every week between May 5 and July 9, 1998 (unless otherwise recorded). The trap was usually set by 17:00 hrs, and retrieved by 09:00 the following day. During these settings, the trap was checked periodically (every 3-5 hours) for debris, damage and fishing performance. Due to relatively low catches, the trap was also set during the day during peak migration periods. Daytime settings were used to indicate if migration rates differ between day and night. An attempt was made to concentrate sampling efforts at periods of peak migration of hatchery and/or wild fish. Mike O'Neill (Toboggan Creek hatchery) was consulted in this regard. Temperature and water height were recorded for each trap setting.



Figure 2. Example of common rotary screw trap setting at Toboggan Creek in the spring of 1998. Note trap position which provided good trap performance by intercepting high velocity water.

#### 2.3 Data Collection

Data collected for each trap setting included the time of trap setting and retrieval, water temperature, water height, weather conditions, trap fishing performance (subjective measure), and counts of fish captured by species. In addition, coho were inspected for adipose fin clips, and fish of hatchery and wild origin were enumerated separately. Fork length and weight data were collected for up to 200 fish of each wild species. Fish were dipnetted from the live box into a bucket. All fish in the bucket were measured, even if the required sample size was exceeded to promote a random size/age sample of fish. Scale samples of wild coho and rainbow trout/steelhead in different size categories (5 mm groups) were also taken. Scale samples in each size group did not exceed five fish. Coho scale samples were submitted for analysis to the Pacific Biological Station (DFO, Nanaimo, B.C.), and rainbow trout/steelhead samples were submitted to Dana Atagi (B.C. Environment, Smithers, B.C..).

#### 3.0 Results and Discussion

#### 3.1 Discharge and Temperature

The study period was notably warmer than the sampling period in the previous two years of the study (SKR 1996, 1997), and was similar to water temperatures observed in the initial year of the study (SKR 1995). Particularly May was a relatively warm and dry month. June 1998 remained warm, with some thunder showers. Water height (Figure 3) was slightly

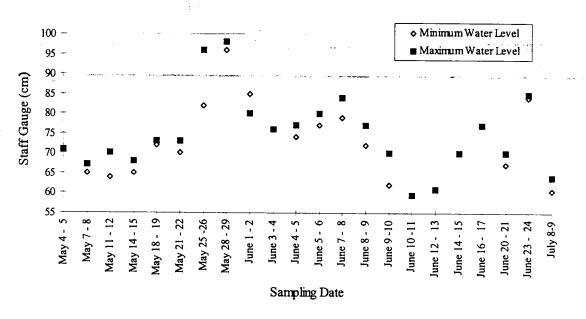


Figure 3. Staff gauge readings (water level) indicating variations in discharge at Toboggan Creek.

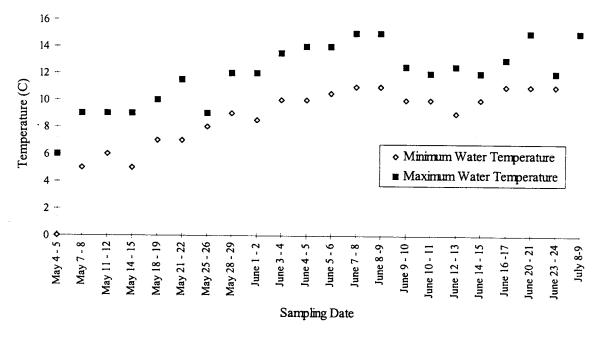


Figure 4. Recorded variation in temperature at sample times described in Appendix 2. Maximum and minimum temperatures do not necessarily refer to maximum and minimum daily temperatures.

lower than in the two previous years, but exceeded water levels documented in 1995. The accumulated snow pack in the winter of 1997/1998 was lower than that for the two previous years. However, an exceptionally early and warm spring caused rapid snow melt, even at higher elevations, resulting in water levels comparable to those found in 1996 and 1997. Rising water levels contributed to some debris movement in the system

The highest discharge, and largest change in flow in a 24 hour period was noted on May 28/29, 1998. Peak water levels appear to have occurred earlier in the sampling season than in 1997 (May 25-29, 1998 compared to June 4, 1997), and peaks were lower than those recorded in 1997. Increased water levels did not appear to affect trap performance, and only had a minor impact on debris accumulation. Some of the larger debris dislodged by higher water levels was caught on the adult fence located upstream of the rotary screw trap, which would account for the relatively small impact of water levels on debris found at the trap.

Water temperatures in 1998 followed similar trends to water temperature data collected for the previous three years of the study. Although there was some fluctuation in water temperature throughout the study, water temperature generally increased over the duration of the study period. The highest water temperatures were observed between June 7 and June 8, 1998. Maximum water temperature recorded in 1998 was 15°C. This is higher than the maximum water temperature recorded in previous years (SKR 1995, 1996, 1997).

# 3.2 Trap performance

In general, the trap performed well under most flow conditions presented at Toboggan Creek. High water temperatures caused early snow melt of the snow pack at higher elevations. Capture rate of the rotary screw trap was significantly lower than for the fyke trap, and a smaller proportion of marked hatchery fish was captured. Fish were observed escaping from the live box at low flow conditions since the current through the trap was insufficient to deter fish from swimming out of the trap (e.g. May 5, 1998). In addition channel conditions, and flow patterns at the new trap site did not allow for positioning of the trap in a well confined section of high velocity water. It is easily conceivable that a large proportion of coho smolts avoided the trap due to the lack of fast velocity water at the trap site.

The nature of the rotary screw trap can limit settings and catch efficiency at very low water levels at the sample site. On a few occasions, the clearance of the drum from the creek bed was as low as 10 cm. This necessitated frequent monitoring of water levels, trap conditions and trap performance.

The new trap did result in a some reduction of injury and mortality to fish. This difference can partly be attributed to lower water levels at the time of study than those encountered in the previous years, more frequent removal of fish from the trap, and significantly lower densities of fish in the trap.

#### 3.3 Coho abundance and size

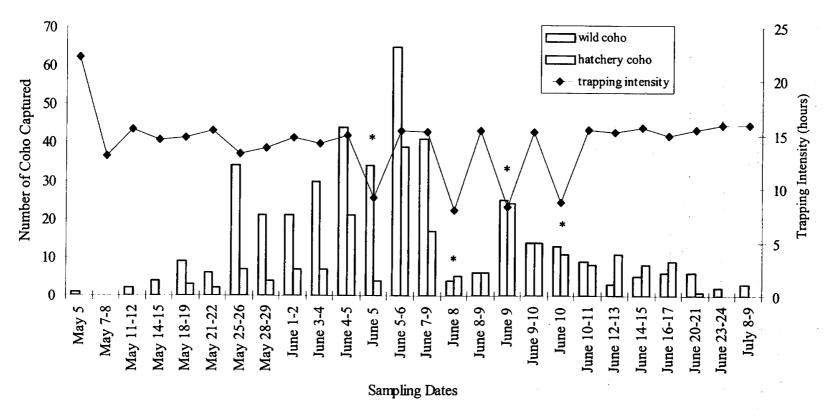
The number of coho caught during each trapping period was enumerated separately for wild and hatchery coho. In general, there was good agreement in the number of wild and hatchery coho throughout the study period (Figure 5). During the early part of the study, no hatchery coho were captured. 33,935 hatchery coho were released just after the initiation of the study (May 11, 1998 O'Neill pers. com.). Upon opening of the hatchery channel, only a few coho left the hatchery. A notable increase in the catch of hatchery coho was observed on June 5-6, 1998. The hatchery completed its release of coho into Toboggan Creek on June 24, 1998 and the frequency of hatchery coho in the rotary screw trap catch decreased after June 20, 1998.

Overall, considerably fewer fish were captured than in previous years. This is mostly due to the different capture method and the trap location used. The fyke net was set in a location where most of the high velocity water could be intercepted. Water velocity at the rotary screw trap location was less variable across the channel, and fish were not funneled into the trap as efficiently as at the location where the fyke trap was set. The ratio of marked to unmarked fish, and the total number of marked fish in the system indicates that the capture efficiency of the rotary screw trap is significantly lower than that of the fyke trap used in previous years. If the ratio of marked to unmarked fish is considered to be a measure of abundance of wild coho smolts, it can be argued that wild coho smolt numbers in Toboggan Creek are similar or higher than those encountered in previous years. This is illustrated by somewhat higher propotions of wild and hatchery fish, and a similar number of marked hatchery fish in the system (Table 1).

The total number of wild and hatchery coho captured in the rotary screw trap was lower compared to 1995 and 1996 (Table 1). The number of coho captured in 1997 was also lower than those captured in 1995 and 1996, due to difficulties encountered with high water levels, and a consequent reduction in sampling intensity. However, catches in 1997 were still substantially higher than those reported for 1998.

Table 1. Total number of wild and hatchery coho captured in the three years of the Toboggan Creek coho smolt enumeration project.

Year	# wild coho captured	# hatchery coho captured	ratio of wild: hatchery coho	# hatchery coho released
1995	2,867	2,552	1.12:1	
1996	1,829	1,692	1.08:1	32,638
1997	1,628	1,276	1.27:1	33,255
1998	408	208	1.96 : 1	33,935



Number of wild and hatchery coho caught in the rotary screw trap at Toboggan Creek during each sampling period. The solid line indicates sampling intensity in number of trap hours, and stars (\*) indicate sampling periods where trapping was conducted during daylight hours only.

Lower capture rates may also be due to a lower escapement of adult coho recorded in 1996 than in 1995. Adult coho escapement for 1995, 1996 and 1997 are summarized in Table 2. The escapement of adult coho upstream of the fence in 1996 (producers of 1998 coho smolts) was half that recorded in 1995. The low number of adult coho reported for 1997 is alarming. Coho smolt number in 1999 will likely be depressed further.

Table 2. Adult coho escapement recorded for 1993, 1994, 1995, 1996 and 1997. Numbers are courtesy of Mike O'Neill (pers. comm. 1998).

Year	Total number	# upstream of fence	# females
1993		1700	•
1994		2430	•
1995	1854	1762	<ul> <li>671 females upstream of fence (25 were used for brood stock</li> <li>35 females downstream of fence</li> </ul>
1996	1166	866	<ul> <li>289 females upstream of fence (20 females were hatchery brood stock)</li> <li>83 females downstream of fence</li> </ul>
1997	394	376	number of females available

In addition, temperature data recorded by a temperature data logger deployed in Toboggan Creek by the Department of Fisheries in Oceans indicates relatively extensive periods of low water temperatures (near and slightly below 0°C) in Toboggan Creek in the winter of 1996-1997. Extended periods of low water temperatures are tolerated by juvenile coho, but temperatures below 0°C are lethal. Sudden fluctuations in water temperatures near the upper and lower lethal temperatures for coho can also increase mortality substantially (Sandercock 1991). The winter of 1996/1997 was unusually cold, and may have resulted in lower water temperatures, and consequently lower winter survival than in previous years. Coupled with low adult coho escapements in 1996, this may account for some of the decrease in coho smolt capture rates at Toboggan Creek in 1998.

Migration rates of hatchery and wild coho were generally similar. However, the migration of wild coho was protracted compared to the timing of catch of hatchery coho. Wild coho were caught earlier and later in the study than hatchery coho. The same result was observed in the previous three years of the study. The assumption of equal likelihood of capture of marked and un-marked fish in a mark recapture population estimate of population size should therefore be re-evaluated. One is more likely to capture un-marked fish early in the study period than marked fish. Since the study is centered around maximum migration of hatchery fish, and the release of hatchery fish into Toboggan Creek, the overall likelihood of capture of marked fish is higher than for un-marked fish, leading to an under estimate of the wild population size.

No clear correlation between water temperature, discharge and capture rate can be ascertained from the data collected. However, migration rates were low early in the study, coinciding with low water temperatures and low discharges. Peak flows did not result in peak capture, which may be attributable to lower trapping performance (i.e. the trap could not be set to

intercept the majority of flow, the trap could not be set in water conditions, or the trapping intensity was lowered). The largest catch was recorded on June 5-6, 1998, which coincides with relatively high water temperatures.

The rotary screw trap was generally set overnight, but a few daytime settings were conducted during peak migration (Figure 5). The catch appears to be higher for overnight settings, but when considering the relative trapping intensity, capture rate during the day were comparable to overnight capture rates. This indicates that during peak migration periods coho migration may have proceeded throughout the day, unlike observations made on coho migration rates with time of day in 1995 to 1997 (SKR 1995, 1996, 1997).

As in previous years, wild coho smolt size varied throughout the study period. The general trend was somewhat different from trends observed in 1995 and 1996, where coho smolts were generally smaller at the beginning of the study period. Mean length and weight appeared slightly higher at the beginning of the study period, and decreased somewhat throughout the study. A predominance of coho fry was observed towards the end of the study period. These fish are suspected to remain in freshwater for an additional year prior to smoltification. A similar trend was observed for the weight distribution of wild coho (Table 3).

# 3.4 Other species

Other species caught in the rotary screw trap during the study include rainbow trout / steelhead, Dolly Varden, chinook and lampreys (Table 4). No adult chinook were encountered at the adult counting fence in 1996, which is probably attributable to the timing of fence installation. The fence is generally installed to count coho migrating upstream. Chinook migration is largely completed by the time of initiation of adult coho counts. Mike O'Neill (pers. comm.) reported that the hatchery staff may have dead pitched one or two adult chinook in the fall of 1996. Three adult male chinook were encountered at the counting fence in the fall of 1995. Lampreys and frogs were caught on a regular basis throughout the study. J.A Taylor (1997) also reported the capture of one juvenile chinook in Toboggan Creek in 1996.

Table 3. Summary of length and weight distribution of wild coho throughout the 1998 coho smolt enumeration project.

Date	Number of	Fork Leng	th (mm)	Weight (grams)		
1998	Coho 4	Mean	SD ·	Mean	SD	
May-5	1	100.00				
May-12	2	79.50	6.36	5.90	1.70	
May-15	4	118.50	25.09	19.93	11.06	
May-19	9	104.22	20.72	12.76	8.86	
May-22	6	120.17	15.00	17.83	5.93	
May-26	34	113.71	17.44	15.90	7.68	
May-29	21	109.95	11.72	14.99	4.37	
June-2	21	103.86	9.03	11.66	2.89	
June-4	30	106.70	10.57	12.74	3.77	
June-5	78	105.26	9.60	12.05	3.16	
June-6	65	102.75	7.61	10.91	2.59	
June-8	45	101.67	7.12	10.88	2.48	
June-9	17	98.53	7.11	10.11	1.98	
June-10	27	97.52	7.93	9.61	2.16	
June-11	9	98.78	9.07	10.01	2.77	
June-13	3	101.33	5.77	10.80	1.84	
June-15	5	96.00	8.51	9.44	2.18	
June-17	6	95.67	4.68	9.32	1.55	
June-21	6	87.50	20.39	7.48	3.79	
June-24	2	98.50	9.19	9.70	2.12	
July-9	3	67.33	43.13	5.80	8.27	

As in the previous three years, the second most abundant species captured was rainbow trout/steelhead. A total of 51 rainbow trout/steelhead were captured in the 1998 season, as compared to 133 in 1997, 78 in 1996 and 128 in 1995. The capture of rainbow trout/steelhead was sporadic at the beginning of the 1998 coho smolt enumeration program, and appeared to build to a peak in the later portion of the study. This is consistent with migration rates observed for this species in 1995, 1996 and 1997. Dolly Varden abundance remained low, and no Dolly Varden were captured in the rotary screw trap in the spring of 1998. This is comparable to the three Dolly Varden captured in 1997, two Dolly Varden captured in 1996, and four Dolly Varden captured in 1995. No chinook were captured in 1996, but one chinook was captured in 1995, three were captured in 1997 and nine were captured in 1998. It is interesting to note that chinook were captured within the first few weeks of the study in 1995, 1997 and 1998.

Table 4. Summary of the number of juvenile fish caught in the rotary screw trap in Toboggan Creek, by species.

<u> </u>	- <b>-</b>	高音 <b>高</b> 整位	Species	· · · · · · · · · · · · · · · · · · ·		
Date			Rainbow Trout/	Dolly		
1997	Wild	Hatchery	Steelhead	1 -	Chinook	Lamprey
May 5	1		·			2
May 7 - 8			2		4	_
May 11 - 12	2.		2	İ	1	
May 14 - 15	4				1	
May 18 - 19	9	- 3	2			
May 21 - 22	6	2	1		2	
May 25 - 26	34	7			1 .	1
May 28 - 29	21	4	1	1		2
June 1 - 2	21	7	1			5
June 3 - 4	-30	7				
June 4 - 5	44	21	1			
June 5 - 6	65	39	4	İ		
June 5	34	4				
June 7 - 8	41	17	1	ľ		
June 8	4	5	2			
June 8 - 9	6	6	2			
June 9	25	24				2
June 9 - 10	14	14				
June 10	13	11				
June 10 - 11	9	8	3			
June 12 - 13	3	11	4			2
June 14 - 15	5	8	7			
June 16 - 17	6	9	6			
June 20 - 21	6	1	10			
June 23 - 24	2		6			2 .
July 8 - 9	3		1			6
Totals	408	208	56	0	9	20

# 4.0 Recommendations

- 1. Toboggan Creek should be used as an index stream to monitor fluctuations in freshwater productivity, juvenile survival, and possible smolt to adult survival of coho in the Bulkley River watershed.
- 2. Trapping intensity should be standardized to allow for a consistent level of trapping throughout the migration period. The rotary screw trap may be less effective at catching coho, but the better condition of fish captured in this trap trap as compared to the previously used fyke trap indicates that it is a more adequate capture method in light of the depressed coho stocks in the upper Skeena watershed.
- 3. A mark recapture study should be conducted to estimate the efficiency of the rotary screw trap. Such a study could be achieved by obtaining smolts from Toboggan Lake or the hatchery, marking them and releasing them at timed intervals during the migration period. This would allow conservative estimates of the catch efficiency during the sampling period. More accurate estimates of annual smolt counts may provide useful interpretation of the carrying capacity of the Toboggan Creek watershed.
- 4. An alternative mark-recaptured study, in which a sub-sample of the fish caught in the trap could be marked and released immediately upstream of the trap, could also be conducted. This mark recapture experiment should be repeated at different water levels in order to measure variations of trap performance, and would allow better interpretation of population estimates. The validity of this estimate of population size could then be assessed by comparison to known number of hatchery fish which are released.

# 5.0 Literature Cited

- Donas, B. Community Advisor, Department of Fisheries and Oceans, Smithers, B.C..
- Fish Habitat Inventory Summary and Information Program. 1991. Stream Summary Catalogue. Subdistrict 4. Department of Fisheries and Oceans, Vancouver, B.C..
- O'Neill, M. Manager of Toboggan Creek Hatchery. Smithers, B.C..
- Saimoto, R.K. (SKR Environmental Consultants). 1995. Toboggan Creek Coho Smolt Enumeration 1995. Unpubl. Mscrpt. prepared for Department of Fisheries and Oceans, Pacific Biological Station.
- Sandercock, F.K. 1991. Life History of Coho Salmon (*Oncorhynchus mykiss*). in <u>Pacific Salmon Life Histories.</u> C. Groot and L. Margolis (eds.). UBC Press, Vancouver, B.C.
- SKR Consultants Ltd. 1996. Toboggan Creek Coho Smolt Enumeration 1996. Unpubl. Mscrpt. prepared for Department of Fisheries and Oceans, Pacific Biological Station.
- Taylor, J.A. 1997. Synoptic Surveys of Juvenile Coho Populations and Associated Habitat Characteristics in Selected Lakes and Stream within the Skeena River Watershed, British Columbia, between 10 August and 2 September, 1996. Unpubl. Mscrpt. prepared for Department of Fisheries and Oceans, Pacific Biological Station.

المعاوم ويوه وموقعه فعود والاناب

The control of the control of the providence of the control of the

Appendix 1. Length and Weight Data for Salmonids Captured in Toboggan Creek, 1998

Year/Month/Day	SETLINK	F SPECIES	F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	F AGE SAMP#
98/5/5	1	СО	100			1 AGE OAMIT#
98/5/5	1	L_				
98/5/5	1	L				
98/5/8		СН	86	7.9		
98/5/8		CH	88	8.5	33977	
98/5/8		СН	88	7.3	33977	3
98/5/8		СН	81	5.9		1
98/5/8		RB/ST	133	26.6		1
98/5/8		RB/ST	160	43.6	1	2
98/5/12		СН	79	6		
98/5/12		CO	84	7.1	33977	4
98/5/12		CO	75	4.7	33977	5
98/5/12		RB/ST	150			
98/5/12		RB/ST	99	11.4	1	3
98/5/15		СН	82	6.3		
98/5/15		CO	88	7.3	33977	8
98/5/15		СО	137	28.8	33977	6
98/5/15		CO	141	29.6	33977	9
98/5/15		СО	108	14	33977	7
98/5/19		CO	99	9.2	33977	17
98/5/19		СО	99	10.6	33977	15
98/5/19		co	148	34.1	33977	14
98/5/19		CO	113	13.5	33977	10
98/5/19		CO	84	7.2	33977	13
98/5/19		CO	119	17.2	33977	12
98/5/19		CO	82	6.2	33977	16
98/5/19		со	88	5	33977	11
98/5/19		CO	106	11.8	33977	18
98/5/19		CO-h				
98/5/19		CO-h				
98/5/19		CO-h				
98/5/19:		RB/ST	149	37.1	1	6
98/5/19		RB/ST	153	35	1	5
98/5/22		СН	83	6.9		
98/5/22 98/5/22		CH	77	5.1		
98/5/22		CO	128	20.4	33977	20
98/5/22		co	121	17.4	33977	21
98/5/22		CO	105	11.6	33977	23
98/5/22		co	133	23.2	33977	19
98/5/22		co	99	10.1	33977	22
98/5/22		CO-h	135	24.3	33977	24
98/5/22		CO-h		<del></del> +	<u> </u>	<del>-</del> .
98/5/22		RB/ST	122	20.01		
98/5/26		CH	122 89	20.3	<u>1;</u>	7
98/5/26		CO		7.4		
98/5/26		co	138	24.9	33977	43
98/5/26		co	120	16.4 17.9	33977	33
98/5/26		co	148		33977	27
98/5/26		co	148	37.7 18.7	33977	25
98/5/26		co	105	11.6	33977	44
98/5/26		co	107	11.8	33977 33977	29
98/5/26		co	120	17.7	33977	30
98/5/26		co	122	20.7	33977	31
98/5/26		CO	100	9.8		34
98/5/26		CO	94	8.4	<u>33977</u> 33977	41
98/5/26		CO	120	16.9	339//	36
98/5/26		CO	104	11.8	33977	
98/5/26		CO	117	16.7		37
98/5/26		co	103	12.1	33977	39
			100	12.1	33977	35

Year/Month/Day	SETLINK	F SPECIES	F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	F AGE SAMP#
98/5/26	7	СО	142			28
98/5/26	7	CO	106	12.6		40
98/5/26	7	СО	131	21.6		38
98/5/26	7	СО	109	12.5	00077	
98/5/26	7	CO	68	3.4	33977	42
98/5/26	7	СО	109	12.7	00077	72
98/5/26	7	CO	120	16.6	33977	26
98/5/26	7	co	80	5.7	33977	50
98/5/26		СО	109	12.1	33977	46
98/5/26		СО	121	17.9	33977	48
98/5/26	7	co	119	16.5	- 000//	40
98/5/26	7	СО	156	38.7	33977	47
98/5/26		СО	100	9.6	30077	
98/5/26		СО	105	11.2	33977	45
98/5/26		СО	103	10.1	33377	40
98/5/26		СО	115	14.5	33978	
98/5/26		СО	97	9.1	33977	
98/5/26		CO	117	15.8		49
98/5/26		CO	120	17.7		
98/5/26		CO-h	120	17.7		·
98/5/26		CO-h				
98/5/26		CO-h				
98/5/26		CO-h		<del></del>		
98/5/26		CO-h				
98/5/26		CO-h		<del></del> +		<del></del>
98/5/26		CO-h				
98/5/26	7		<del></del>			
98/5/29		co	123	19.4	00070	
98/5/29		CO	106		33978	7
98/5/29		co	87	12.3		
98/5/29		co	122	7.2	33978	4
98/5/29		CO	108	17.7	33978	3
98/5/29		co	108	13.3	33978	2
98/5/29		co	89	13.5		
98/5/29		CO	109	14.2	33978	8
98/5/29		CO	116	14.2 15.7		
98/5/29		CO	138	27.3		
98/5/29		CO	120	18.9		
98/5/29		CO	112	13.8		
98/5/29		CO	114	18.2	20070	
98/5/29		CO	103	11.4	33978	6
98/5/29		CO				
98/5/29		CO	108 107	12 16.7		
98/5/29		CO	107			
98/5/29		CO	109	12.6	<del></del>	
98/5/29		00	97	13.6		
98/5/29		00		10.4		
98/5/29	8(		124	19.5	33978	5
98/5/29			103	12		
98/5/29		CO-h	<del></del>		······································	
98/5/29		CO-h				
		CO-h				
98/5/29		CO-h				
98/5/29	8 L					
98/5/29	8 L					
98/5/29		RB/ST	90	8.2	1	8
98/6/2	90		96	8.3		
98/6/2	90		104	12		
98/6/2	9 0		92	7.8	33978	13
98/6/2	9 0		99	10		
98/6/2	9 0	.O	108	12.9		

98/6/2 9CO 92 7.8 33978 1 98/6/2 9CO 105 115 15.6 33978 1 98/6/2 9CO 102 10.6 98/6/2 9CO 104 112 98/6/2 9CO 104 112 98/6/2 9CO 99 10 98/6/2 9CO 99 10 98/6/2 9CO 106 11.9 98/6/2 9CO 106 11.9 98/6/2 9CO 106 11.9 98/6/2 9CO 116 14.2 98/6/2 9CO 116 14.2 98/6/2 9CO 116 14.2 98/6/2 9CO 107 12.4 98/6/2 9CO 107 12.4 98/6/2 9CO 94 8.4 33978 1 98/6/2 9CO 94 8.4 33978 1 98/6/2 9CO 96 8.9 98/6/2 9CO 96 8.9 98/6/2 9CO 96 8.9 98/6/2 9CO 96 8.9 98/6/2 9CO 96 8.9 98/6/2 9CO 96 8.9 98/6/2 9CO 118 16.2 98/6/2 9CO 119 16.2 98/6/2 9CO 19 98 98/6/2 9CO 10 10 9.8 98/6/2 9CO 10 98 98/6/4 10 9CO 10 10 11 12 98/6/4 10 98/6/4 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 10 9CO 10 10 10 10 98 98/6/4 1	Year/Month/Day		F SPECIES	F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	F AGE SAMP#
98/6/2 9 CO 115 15.6 33978 1 98/6/2 9 CO 102 10.6 33978 1 98/6/2 9 CO 104 12 98/6/2 9 CO 104 12 98/6/2 9 CO 104 12 98/6/2 9 CO 99 10 98/6/2 9 CO 106 11.9 98/6/2 9 CO 106 11.9 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.5 98/6/2 9 CO 107 12.5 98/6/2 9 CO 107 12.5 98/6/2 9 CO 96 8.9 98/6/2 9 CO 96 8.9 98/6/2 9 CO 96 8.9 98/6/2 9 CO 119 16.2 98/6/2 9 CO 100 9.8 98/6/4 10 CO 121 16.9 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 11.8 15 98/6/4 10 CO 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5 9	98/6/2			,			1 AGE SAINT#
98/6/2 9 CO 102 10.6  98/6/2 9 CO 104 12  98/6/2 9 CO 122 18.6  98/6/2 9 CO 122 18.6  98/6/2 9 CO 199 10  98/6/2 9 CO 106 11.9  98/6/2 9 CO 106 11.9  98/6/2 9 CO 107 12.4  98/6/4 10 CO 104 11.3  98/6/4 10 CO 104 11.3  98/6/4 10 CO 104 10.9  98/6/4 10 CO 107 11.2  98/6/4 10 CO 107 11.8  98/6/	98/6/2	9	CO				11
98/6/2 9 CO 104 12 98/6/2 9 CO 99 10 98/6/2 9 CO 99 10 98/6/2 9 CO 106 11.8 98/6/2 9 CO 116 14.2 98/6/2 9 CO 116 14.2 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 102 12.4 98/6/2 9 CO 102 12.4 98/6/2 9 CO 102 12.4 98/6/2 9 CO 114 13.6 33978 1 98/6/2 9 CO 96 8.9 98/6/2 9 CO 96 8.9 98/6/2 9 CO 94 11.5 33978 1 98/6/2 9 CO 119 16.2 98/6/2 9 CO 100 98 8.9 98/6/4 10 CO 121 16.9 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 106 12.4 98/6/4 10 CO 107 11.8 98/6/4 10 CO 108 9.9 98/6/4 10 CO 109 11.9 98/6/4 10 CO	98/6/2	9	СО				
98/6/2 9 CO 122 18.6 98/6/2 9 CO 99 10 98/6/2 9 CO 106 11.9 98/6/2 9 CO 116 14.2 98/6/2 9 CO 116 14.2 98/6/2 9 CO 107 12.4 98/6/2 9 CO 94 8.4 33978 1 98/6/2 9 CO 102 12.4 98/6/2 9 CO 114 13.6 33978 1 98/6/2 9 CO 96 8.9 98/6/2 9 CO 96 8.9 98/6/2 9 CO 96 8.9 98/6/2 9 CO 94 11.5 33978 1 98/6/2 9 CO 94 11.5 33978 1 98/6/2 9 CO 94 11.5 33978 1 98/6/2 9 CO 94 11.5 33978 1 98/6/2 9 CO 94 11.5 33978 1 98/6/2 9 CO 100 94 11.5 33978 1 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9.8 9 98/6/2 9 CO 100 9 98/6/2 9 CO 100 9 98/6/2 9 CO 100 9 98/6/2 9 CO 100 9 98/6/2 9 CO 100 9 98/6/4 10 CO 100 100 100 100 100 100 100 100 100 10	98/6/2	9	CO				
98/6/2 9 CO 99 10 98/6/2 9 CO 116 11.9 98/6/2 9 CO 116 14.2 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 107 12.4 98/6/2 9 CO 102 12.4 98/6/2 9 CO 102 12.4 98/6/2 9 CO 102 12.4 98/6/2 9 CO 96 8.9 98/6/2 9 CO 96 8.9 98/6/2 9 CO 94 11.5 33978 1 98/6/2 9 CO 94 11.5 33978 1 98/6/2 9 CO 94 11.5 33978 1 98/6/2 9 CO 94 11.5 33978 1 98/6/2 9 CO 100 9.8 98/6/4 10 CO 100 100 100 100 100 9.8 98/6/4 10 CO 100 100 100 100 9.8 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 100 9.8 98/6/4 10 CO 100 100 9.8 98/6/4 10 CO 100 100 9.9 98/6/4 10 CO 100 100 100 9.9 98/6/4 10 CO 100 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 9.9	98/6/2	9	CO				
98/6/2 9ICO 106 11.9 98/6/2 9ICO 106 11.9 98/6/2 9ICO 107 12.4 98/6/2 9ICO 94 8.4 33978 1 98/6/2 9ICO 94 8.4 33978 1 98/6/2 9ICO 102 12.4 98/6/2 9ICO 102 12.4 98/6/2 9ICO 114 13.6 33978 1 98/6/2 9ICO 96 8.9 98/6/2 9ICO 114 13.6 33978 1 98/6/2 9ICO 115 16.2 98/6/2 9ICO 119 16.2 98/6/2 9ICO 100 9.8 98/6/2 9ICO 100 9.8 98/6/2 9ICO 100 9.8 98/6/2 9ICO 100 9.8 98/6/2 9ICO 100 9.8 98/6/2 9ICO 100 9.8 98/6/2 9ICO 100 9.8 98/6/2 9ICO 100 9.8 98/6/2 9ICO 100 98/6/4 100 100 100 100 98/6/4 100 100 100 100 100 100 98/6/4 100 100 100 100 100 98/6/4 100 100 100 100 100 98/6/4 100 100 100 100 98/6/4 100 100 100 100 100 98/6/4 100 100 100 98/6/4 100 100 100 98/6/4 100 100 100 98/6/4 100 100 100 98/6/4 100 100 100 98/6/4 100 100 100 98/6/4 100 100 100 98/6/4 100 100 100 98/6/4 100	98/6/2						······································
98/6/2 9CC 116 14.2 98/6/2 9CC 107 12.4 98/6/2 9CC 107 12.4 98/6/2 9CC 102 12.4 98/6/2 9CC 102 12.4 98/6/2 9CC 102 12.4 98/6/2 9CC 9CC 96 8.9 98/6/2 9CC 96 8.9 98/6/2 9CC 94 11.5 33978 1 98/6/2 9CC 114 13.6 33978 1 98/6/2 9CC 94 11.5 33978 1 98/6/2 9CC 94 11.5 33978 1 98/6/2 9CC 100 9.8 98/6/4 10CC 121 16.9 98/6/4 10CC 104 11.3 98/6/4 10CC 104 10.9 98/6/4 10CC 104 10.9 98/6/4 10CC 118 15 98/6/4 10CC 119 16.5 98/6/4 10CC 119 17.8 98/6/4 10CC 119 19 16.5	98/6/2						<del></del>
98/6/2 9ICO 107 12.4  98/6/2 9ICO 94 8.4 33978 1  98/6/2 9ICO 102 12.4  98/6/2 9ICO 114 13.6 33978 1  98/6/2 9ICO 96 8.9  98/6/2 9ICO 94 11.6 33978 1  98/6/2 9ICO 94 11.6 33978 1  98/6/2 9ICO 100 9.8  98/6/4 10/CO 100 100 100 100 100 100 100 100 100 10	98/6/2						<del></del>
98/6/2 9CC 102 12.4 98/6/2 9CC 102 12.4 98/6/2 9CC 114 13.6 33978 1. 98/6/2 9CC 96 8.9 98/6/2 9CC 96 8.9 98/6/2 9CC 114 15.5 33978 1. 98/6/2 9CC 94 11.5 33978 1. 98/6/2 9CC 119 16.2 98/6/2 9CC 100 9.8 98/6/4 10CC 104 11.3 98/6/4 10CC 104 11.3 98/6/4 10CC 104 10.9 98/6/4 10CC 104 10.9 98/6/4 10CC 112 18.5 98/6/4 10CC 112 18.5 98/6/4 10CC 112 18.5 98/6/4 10CC 118 15 98/6/4 10CC 109 17 98/6/4 10CC 109 19 98/6/4							
98/6/2 9 CO 102 12.4						33079	12
98/6/2   9 CO							
98/6/2   9 CO   96   8.9     98/6/2   9 CO   119   16.2     98/6/2   9 CO   119   16.2     98/6/2   9 CO   100   9.8     98/6/2   9 CO   100   100   100   100     98/6/2   9 CO   100   100   100   100     98/6/2   9 CO   100   100   100   100     98/6/2   9 L   100   100   100   100     98/6/2   9 L   100   100   100   100     98/6/4   10 CO   100   100   100   100     98/6/4   10 CO   100   100   100   100     98/6/4   10 CO   100   100     98/6/4   10 CO   10						22079	1.4
98/6/2 9 CO 119 16.2 33978 11 98/6/2 9 CO 100 9.8 98/6/2 9 CO 100 9.8 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 L 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 11.5 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 116 15.8 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 110 11.2 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 100 112 14.4 98/6/4 10 CO 100 100 112 14.4 98/6/4 10 CO 100 100 112 14.4 98/6/4 10 CO 100 100 112 18.5 98/6/4 10 CO 100 100 11.2 18.5 98/6/4 10 CO 100 100 100 9.9 98/6/4 10 CO 100 100 9.9 98/6/4 10 CO 100 100 100 9.9 98/6/4 10 CO 100 100 100 9.9 98/6/4 10 CO 100 100 100 100 9.9 98/6/4 10 CO 100 100 100 100 9.9 98/6/4 10 CO 100 100 100 100 9.9						33976	14
98/6/2 9 CO 119 16,2 98/6/2 9 CO 100 9.8 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/4 10 CO 121 16,9 98/6/4 10 CO 104 11,3 98/6/4 10 CO 104 11,3 98/6/4 10 CO 104 10,9 98/6/4 10 CO 104 10,9 98/6/4 10 CO 104 11,2 98/6/4 10 CO 112 18,5 98/6/4 10 CO 112 18,5 98/6/4 10 CO 112 18,5 98/6/4 10 CO 113 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15,9 98/6/4 10 CO 116 10,4 98/6/4 10 CO 117 10,4 98/6/4 10 CO 118 15,9 98/6/4 10 CO 118 15,9 98/6/4 10 CO 118 15,9 98/6/4 10 CO 118 15,9 98/6/4 10 CO 118 15,9 98/6/4 10 CO 118 15,9 98/6/4 10 CO 119 10,4 98/6/4 10 CO 110 10,4 98/6/4 10 CO 111 10,4 98/6/4 10 CO 112 14,4 98/6/4 10 CO 93 9,1 98/6/4 10 CO 100 100 11,9 98/6/4 10 CO 100 100 11,9 98/6/4 10 CO 100 100 11,9 98/6/4 10 CO 100 100 11,9 98/6/4 10 CO 100 100 11,9 98/6/4 10 CO 100 100 11,9 98/6/4 10 CO 100 100 11,2 98/6/4 10 CO 100 100 11,2 98/6/4 10 CO 100 11,2 98/6/4 10 CO 110 13,5 98/6/4 10 CO 98 9,3 98/6/4 10 CO 99 9,9 98/6/4 10 CO 100 100 100 100 100 100 100 100 100 10						22079	- 10
98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/4 10 CO 121 16.9 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 113 15.9 98/6/4 10 CO 114 15.9 98/6/4 10 CO 115 15.9 98/6/4 10 CO 116 15.9 98/6/4 10 CO 117 15.6 98/6/4 10 CO 118 15.9 98/6/4 10 CO 118 15.9 98/6/4 10 CO 118 15.9 98/6/4 10 CO 118 15.9 98/6/4 10 CO 118 15.9 98/6/4 10 CO 118 15.9 98/6/4 10 CO 118 15.9 98/6/4 10 CO 118 15.9 98/6/4 10 CO 118 15.9 98/6/4 10 CO 118 15.6 98/6/4 10 CO 118 14.4 98/6/4 10 CO 112 14.4 98/6/4 10 CO 112 14.4 98/6/4 10 CO 112 14.4 98/6/4 10 CO 100 112 19.9 98/6/4 10 CO 100 112 19.9 98/6/4 10 CO 100 113.5 98/6/4 10 CO 101 11.9 98/6/4 10 CO 102 19.9 98/6/4 10 CO 103 11.9 98/6/4 10 CO 104 11.4 98/6/4 10 CO 107 11.8 98/6/4 10 CO 109 99 10.1 98/6/4 10 CO 100 112 18.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 10.1 98/6/4 10 CO 99 10.1 98/6/4 10 CO 99 10.1 98/6/4 10 CO 99 10.1 98/6/4 10 CO 99 10.1 98/6/4 10 CO 99 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1 98/6/4 10 CO 99 90 10.1						33976	10
98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 L 98/6/2 10 CO 121 16.9 98/6/4 10 CO 104 11.3 98/6/4 10 CO 95 8.5 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 15.5 98/6/4 10 CO 118 15 98/6/4 10 CO 128 20.6 98/6/4 10 CO 101 10.4 98/6/4 10 CO 115 15.9 33978 15.9 98/6/4 10 CO 93 9.1 98/6/4 10 CO 98 9.2 98/6/4 10 CO 98 9.2 98/6/4 10 CO 106 12.4 98/6/4 10 CO 98 9.2 98/6/4 10 CO 107 11.8 98/6/4 10 CO 109 11.9 98/6/4 10 CO 109 11.9 98/6/4 10 CO 109 11.9 98/6/4 10 CO 109 11.9 98/6/4 10 CO 109 11.9 98/6/4 10 CO 109 11.9 98/6/4 10 CO 109 11.9 98/6/4 10 CO 109 11.9 98/6/4 10 CO 109 11.9 98/6/4 10 CO 115 16.5 98/6/4 10 CO 109 11.2 98/6/4 10 CO 109 11.2 98/6/4 10 CO 115 16.5 98/6/4 10 CO 115 16.5 98/6/4 10 CO 115 16.5 98/6/4 10 CO 115 16.5 98/6/4 10 CO 100 11.2 98/6/4 10 CO 115 16.5 98/6/4 10 CO 100 11.2 98/6/4 10 CO 110 13.5 98/6/4 10 CO 122 18.1 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2 98/6/4 10 CO 130 11.2						i	
98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 10 CO 121 16.9 98/6/4 10 CO 121 16.9 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 115 15.9 98/6/4 10 CO 116 15.9 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 93 91 7.9 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 98 9.2 98/6/4 10 CO 100 112 19.9 98/6/4 10 CO 100 101 11.9 98/6/4 10 CO 100 101 11.9 98/6/4 10 CO 100 101 11.9 98/6/4 10 CO 101 11.9 98/6/4 10 CO 102 10.9 98/6/4 10 CO 103 11.9 98/6/4 10 CO 104 11.4 98/6/4 10 CO 105 19 16.5 98/6/4 10 CO 106 122 18.1 98/6/4 10 CO 107 11.8 98/6/4 10 CO 109 99 10.1 98/6/4 10 CO 100 112 18.1 98/6/4 10 CO 102 19.9 98/6/4 10 CO 103 11.9 98/6/4 10 CO 104 11.4 98/6/4 10 CO 105 199 16.5 98/6/4 10 CO 106 122 18.1 98/6/4 10 CO 107 11.8 98/6/4 10 CO 108 99 10.1 98/6/4 10 CO 109 99 10.1 98/6/4 10 CO 100 112 18.3 98/6/4 10 CO 100 112 18.3 98/6/4 10 CO 100 101 10.9 98/6/4 10 CO 102 102 18.3 98/6/4 10 CO 103 11.9 98/6/4 10 CO 104 11.4 98/6/4 10 CO 105 105 105 105 105 105 105 105 105 105				100	5.0		<del></del>
98/6/2 9 CO-h  98/6/2 9 CO-h  98/6/2 9 CO-h  98/6/2 9 CO-h  98/6/2 9 CO-h  98/6/2 9 L  98/6/4 10 CO 121 16.9  98/6/4 10 CO 104 11.3  98/6/4 10 CO 104 11.3  98/6/4 10 CO 104 10.9  98/6/4 10 CO 111 11.2  98/6/4 10 CO 111 11.2  98/6/4 10 CO 111 10.4  98/6/4 10 CO 118 15  98/6/4 10 CO 118 15  98/6/4 10 CO 115 15.9  98/6/4 10 CO 115 15.9  98/6/4 10 CO 117 15.6  98/6/4 10 CO 116 12.4  98/6/4 10 CO 98 9.2  98/6/4 10 CO 98 9.2  98/6/4 10 CO 100 102 10.9  98/6/4 10 CO 102 10.9  98/6/4 10 CO 103 11.9  98/6/4 10 CO 104 11.4  98/6/4 10 CO 109 11.2  98/6/4 10 CO 100 100 11.2  98/6/4 10 CO 100 100 10.1				·	<del></del> +		
98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 L 98/6/4 10 CO 121 16.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 105 112 18.5 98/6/4 10 CO 106 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 110 10 1, 4 98/6/4 10 CO 111 10.4 98/6/4 10 CO 111 11.5 98/6/4 10 CO 111 15.6 98/6/4 10 CO 111 15.6 98/6/4 10 CO 112 14.4 98/6/4 10 CO 198 9.2 98/6/4 10 CO 109 98 9.2 98/6/4 10 CO 112 14.4 98/6/4 10 CO 113 11.9 98/6/4 10 CO 114 10 L 98/6/4 10 CO 115 15.9 98/6/4 10 CO 116 12.4 98/6/4 10 CO 117 11.8 98/6/4 10 CO 118 15.9 98/6/4 10 CO 119 16.5 98/6/4 10 CO 110 11.4 98/6/4 10 CO 110 11.4 98/6/4 10 CO 110 11.4 98/6/4 10 CO 110 11.4 98/6/4 10 CO 110 11.4 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 11.5 98/6/4 10 CO 110 13.5				<del> </del>			······
98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 CO-h 98/6/2 9 L 98/6/2 10 CO 124 1.3 98/6/4 10 CO 124 1.3 98/6/4 10 CO 95 8.5 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 91 7.9 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 115 15.9 98/6/4 10 CO 115 15.9 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 10 10 12.4 98/6/4 10 CO 10 10 12.4 98/6/4 10 CO 10 10 12.4 98/6/4 10 CO 10 10 12.4 98/6/4 10 CO 10 10 10 1.8 98/6/4 10 CO 10 10 10 1.8 98/6/4 10 CO 10 10 10 1.8 98/6/4 10 CO 10 10 10 10 1.9 98/6/4 10 CO 10 10 10 1.9 98/6/4 10 CO 10 10 10 1.9 98/6/4 10 CO 10 10 10 10 1.9 98/6/4 10 CO 10 10 10 10 1.9 98/6/4 10 CO 10 10 10 10 1.9 98/6/4 10 CO 10 10 10 10 10 10 10 10 10 10 10 10 10				!			
98/6/2 9 CO-h 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/4 10 CO 121 16.9 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 112 18.5 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 11.5 98/6/4 10 CO 112 14.4 98/6/4 10 CO 106 12.4 98/6/4 10 CO 106 12.4 98/6/4 10 CO 107 11.8						<del></del>	
98/6/2 9 L 98/6/4 10 CO 121 16.9 98/6/4 10 CO 95 8.5 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 111 11.2 98/6/4 10 CO 91 7.9 98/6/4 10 CO 91 7.9 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 115 15.9 98/6/4 10 CO 117 10.4 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 93 9.1 98/6/4 10 CO 93 9.1 98/6/4 10 CO 93 9.1 98/6/4 10 CO 100 100 12.4 98/6/4 10 CO 112 14.4 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.5					<del>i</del>		
98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 RB/ST 156 39.8 1 1 9.8 98/6/4 10 CO 121 16.9 98/6/4 10 CO 95 8.5 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 101 112 18.5 98/6/4 10 CO 101 112 18.5 98/6/4 10 CO 118 15 98/6/4 10 CO 91 7.9 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 16 98/6/4 10 CO 118 16 98/6/4 10 CO 118 16 98/6/4 10 CO 118 16 98/6/4 10 CO 118 16 98/6/4 10 CO 118 16 98/6/4 10 CO 118 16 98/6/4 10 CO 118 16 98/6/4 10 CO 118 16 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 118 16 98/6/4 10 CO 118 16 98/6/4 10 CO 118 18 18 18 18 18 18 18 18 18 18 18 18				i			- <del> </del>
98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 R 98/6/2 9 R 98/6/2 9 R 98/6/2 9 R 98/6/2 9 R 98/6/2 9 R 98/6/2 9 R 98/6/2 9 R 98/6/2 9 R 98/6/4 10 CO 121 16.9 98/6/4 10 CO 95 8.5 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 10.9 98/6/4 10 CO 101 11.2 98/6/4 10 CO 101 11.2 98/6/4 10 CO 91 7.9 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 115 15.9 98/6/4 10 CO 15/15 15.9 98/6/4 10 CO 15/15 15.9 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 14.4 98/6/4 10 CO 100 112 18.5 98/6/4 10 CO 100 112 18.1				<del></del>			
98/6/2 9 L 98/6/2 9 L 98/6/2 9 L 98/6/2 9 RB/ST 156 39.8 1 98/6/4 10 CO 121 16.9 98/6/4 10 CO 95 8.5 98/6/4 10 CO 104 11.3 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 101 112 18.5 98/6/4 10 CO 91 7.9 98/6/4 10 CO 91 7.9 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 150 177 15.6 98/6/4 10 CO 150 177 15.6 98/6/4 10 CO 150 177 15.6 98/6/4 10 CO 150 177 15.6 98/6/4 10 CO 150 177 15.6 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 15.9 98/6/4 10 CO 150 150 150 15.9 98/6/4 10 CO 150 150 150 150 150 150 150 150 150 150							
98/6/2 9 L 98/6/2 9 RB/ST 156 39.8 1 1 9 98/6/4 10 CO 121 16.9 98/6/4 10 CO 104 11.3 98/6/4 10 CO 95 8.5 98/6/4 10 CO 95 8.6 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 11.2 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 115 15.9 33978 16 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 93 9.1 98/6/4 10 CO 98 9.2 98/6/4 10 CO 116 12.4 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 10 10 10.4 98/6/4 10 CO 117 15.6 98/6/4 10 CO 10 10 10.4 98/6/4 10 CO 10 10 10.4 98/6/4 10 CO 10 10 10.4 98/6/4 10 CO 93 9.1 98/6/4 10 CO 10 10 10.9 98/6/4 10 CO 112 14.4 98/6/4 10 CO 112 14.4 98/6/4 10 CO 10 10 10.9 98/6/4 10 CO 10 10 10.9 98/6/4 10 CO 10 10 11.8 98/6/4 10 CO 10 10 11.8 98/6/4 10 CO 10 10 11.8 98/6/4 10 CO 10 10 11.8 98/6/4 10 CO 10 10 11.8 98/6/4 10 CO 10 10 11.8 98/6/4 10 CO 10 10 11.8 98/6/4 10 CO 10 10 11.8 98/6/4 10 CO 10 10 11.9 98/6/4 10 CO 10 10 11.9 98/6/4 10 CO 10 10 11.2 98/6/4 10 CO 10 10 11.2 98/6/4 10 CO 10 10 11.2 98/6/4 10 CO 10 10 11.2 98/6/4 10 CO 10 10 11.2 98/6/4 10 CO 10 10 11.2 98/6/4 10 CO 10 10 11.2 98/6/4 10 CO 10 10 11.2 98/6/4 10 CO 99 10.1 98/6/4 10 CO 99 10.1 98/6/4 10 CO 91 7.8 33978 17 98/6/4 10 CO 91 7.8 33978 17 98/6/4 10 CO 98 9.3 98/6/4 10 CO 98 9.3 98/6/4 10 CO 99 9.9 98/6				<del></del>			
98/6/2 9 L 98/6/2 9 RB/ST 156 39.8 1 98/6/4 10 CO 121 16.9 98/6/4 10 CO 104 11.3 98/6/4 10 CO 95 8.5 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 11.2 98/6/4 10 CO 111 15 15.9 98/6/4 10 CO 111 10.4 98/6/4 10 CO 101 10.4 98/6/4 10 CO 115 15.9 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 93 93 9.1 98/6/4 10 CO 93 93 9.1 98/6/4 10 CO 98 9.2 98/6/4 10 CO 106 12.4 98/6/4 10 CO 98 9.2 98/6/4 10 CO 102 10.9 98/6/4 10 CO 103 11.9 98/6/4 10 CO 104 11.8 98/6/4 10 CO 105 109 98/6/4 98/6/4 10 CO 106 109 109 98/6/4 98/6/4 10 CO 109 112 14.4 98/6/4 10 CO 109 109 10.9 98/6/4 10 CO 109 109 10.9 98/6/4 10 CO 109 109 10.9 98/6/4 10 CO 109 109 10.1 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 101 11.2 98/6/4 10 CO 100 100 11.2 98/6/4 10 CO 100 100 11.2 98/6/4 10 CO 100 100 11.2 98/6/4 10 CO 100 100 11.2 98/6/4 10 CO 100 100 11.2 98/6/4 10 CO 100 100 11.2 98/6/4 10 CO 100 100 10.1				· · · · · · · · · · · · · · · · · · ·			
98/6/2 9 RB/ST 156 39.8 1 1 98/6/4 10 CO 121 16.9 98/6/4 10 CO 104 11.3 98/6/4 10 CO 95 8.5 98/6/4 10 CO 104 10.9 95 8.5 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 101 11.2 98/6/4 10 CO 111 11.2 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 101 10.4 98/6/4 10 CO 101 10.4 98/6/4 10 CO 101 10.4 98/6/4 10 CO 101 10.4 98/6/4 10 CO 117 15.6 98/6/4 10 CO 117 15.6 98/6/4 10 CO 93 93 9.1 98/6/4 10 CO 93 93 9.1 98/6/4 10 CO 98 93 9.1 98/6/4 10 CO 106 12.4 98/6/4 10 CO 98 93 9.2 98/6/4 10 CO 106 12.4 98/6/4 10 CO 106 12.4 98/6/4 10 CO 106 12.4 98/6/4 10 CO 107 11.8 98/6/4 10 CO 102 10.9 98/6/4 10 CO 103 11.9 98/6/4 10 CO 104 11.4 98/6/4 10 CO 105 107 11.8 98/6/4 10 CO 104 11.4 98/6/4 10 CO 105 10.9 99 10.1 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 100 100 100 100 100 100 100 100 10							
98/6/4 10 CO 121 16.9 98/6/4 10 CO 95 8.5 98/6/4 10 CO 95 8.5 98/6/4 10 CO 104 10.9 98/6/4 10 CO 112 18.5 98/6/4 10 CO 1112 18.5 98/6/4 10 CO 101 11.2 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 118 15 98/6/4 10 CO 101 10.4 98/6/4 10 CO 101 10.4 98/6/4 10 CO 101 10.4 98/6/4 10 CO 101 10.4 98/6/4 10 CO 101 10.4 98/6/4 10 CO 115 15.9 33978 15 98/6/4 10 CO 117 15.6 98/6/4 10 CO 93 9.1 98/6/4 10 CO 93 9.1 98/6/4 10 CO 98 9.2 98/6/4 10 CO 106 12.4 98/6/4 10 CO 98 9.2 98/6/4 10 CO 102 10.9 98/6/4 10 CO 107 11.8 98/6/4 10 CO 108 11.2 98/6/4 10 CO 109 11.2 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 11.2 98/6/4 10 CO 100 11.2					<del></del>		
98/6/4         10 CO         104         11.3           98/6/4         10 CO         95         8.5           98/6/4         10 CO         104         10.9           98/6/4         10 CO         112         18.5           98/6/4         10 CO         101         11.2           98/6/4         10 CO         91         7.9           98/6/4         10 CO         118         15           98/6/4         10 CO         101         10.4           98/6/4         10 CO         101         10.4           98/6/4         10 CO         115         15.9         33978         15           98/6/4         10 CO         117         15.6         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         16         15 <td></td> <td></td> <td></td> <td></td> <td></td> <td>1_</td> <td>9</td>						1_	9
98/6/4 10 CO 95 8.5  98/6/4 10 CO 104 10.9  98/6/4 10 CO 112 18.5  98/6/4 10 CO 91 7.9  98/6/4 10 CO 91 7.9  98/6/4 10 CO 118 15  98/6/4 10 CO 118 15  98/6/4 10 CO 118 15  98/6/4 10 CO 101 10.4  98/6/4 10 CO 101 10.4  98/6/4 10 CO 115 15.9 33978 16  98/6/4 10 CO 117 15.6  98/6/4 10 CO 93 9.1  98/6/4 10 CO 93 9.1  98/6/4 10 CO 98 9.2  98/6/4 10 CO 98 9.2  98/6/4 10 CO 106 12.4  98/6/4 10 CO 98 9.2  98/6/4 10 CO 100 112 14.4  98/6/4 10 CO 100 112 14.4  98/6/4 10 CO 100 100 109 98/6/4  98/6/4 10 CO 100 100 109 98/6/4  98/6/4 10 CO 100 101 10.9  98/6/4 10 CO 100 100 10.9  98/6/4 10 CO 100 100 10.9  98/6/4 10 CO 100 100 10.9  98/6/4 10 CO 100 100 10.9  98/6/4 10 CO 100 100 10.9  98/6/4 10 CO 99 10.1							
98/6/4         10 CO         104         10.9           98/6/4         10 CO         112         18.5           98/6/4         10 CO         101         11.2           98/6/4         10 CO         91         7.9           98/6/4         10 CO         118         15           98/6/4         10 CO         128         20.6           98/6/4         10 CO         101         10.4           98/6/4         10 CO         115         15.9         33978         15           98/6/4         10 CO         117         15.6         9         15           98/6/4         10 CO         117         15.6         9         15							
98/6/4 10 CO 1112 18.5  98/6/4 10 CO 91 7.9  98/6/4 10 CO 118 15  98/6/4 10 CO 128 20.6  98/6/4 10 CO 101 10.4  98/6/4 10 CO 115 15.9  98/6/4 10 CO 117 15.6  98/6/4 10 CO 117 15.6  98/6/4 10 CO 93 9.1  98/6/4 10 CO 93 9.1  98/6/4 10 CO 106 12.4  98/6/4 10 CO 98 9.2  98/6/4 10 CO 98 9.2  98/6/4 10 CO 102 10.9  98/6/4 10 CO 102 10.9  98/6/4 10 CO 102 10.9  98/6/4 10 CO 103 11.9  98/6/4 10 CO 103 11.9  98/6/4 10 CO 104 11.4  98/6/4 10 CO 105 107 11.8  98/6/4 10 CO 107 11.8  98/6/4 10 CO 103 11.9  98/6/4 10 CO 103 11.9  98/6/4 10 CO 103 11.9  98/6/4 10 CO 104 11.4  98/6/4 10 CO 105 104 11.4  98/6/4 10 CO 106 107 11.8  98/6/4 10 CO 107 11.8  98/6/4 10 CO 107 11.8  98/6/4 10 CO 107 11.8  98/6/4 10 CO 107 11.8  98/6/4 10 CO 107 11.8  98/6/4 10 CO 107 11.8  98/6/4 10 CO 107 11.8  98/6/4 10 CO 107 11.8  98/6/4 10 CO 107 11.8  98/6/4 10 CO 100 11.2  98/6/4 10 CO 99 17.8 33978 16  98/6/4 10 CO 98 9.3				95	8.5		
98/6/4 10 CO 91 7.9  98/6/4 10 CO 91 7.9  98/6/4 10 CO 118 15  98/6/4 10 CO 128 20.6  98/6/4 10 CO 101 10.4  98/6/4 10 CO 115 15.9 33978 15  98/6/4 10 CO 93 9.1  98/6/4 10 CO 93 9.1  98/6/4 10 CO 98 9.2  98/6/4 10 CO 112 14.4  98/6/4 10 CO 112 14.4  98/6/4 10 CO 100 112 14.4  98/6/4 10 CO 100 100 112 18.8  98/6/4 10 CO 100 100 11.9  98/6/4 10 CO 100 103 11.9  98/6/4 10 CO 100 103 11.9  98/6/4 10 CO 100 103 11.9  98/6/4 10 CO 100 103 11.9  98/6/4 10 CO 100 103 11.9  98/6/4 10 CO 100 104 11.4  98/6/4 10 CO 100 104 11.4  98/6/4 10 CO 100 104 11.4  98/6/4 10 CO 100 101 13.5  98/6/4 10 CO 100 110 13.5  98/6/4 10 CO 91 7.8 33978 17  98/6/4 10 CO 91 7.8 33978 16  98/6/4 10 CO 98 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3  98/6/4 10 CO 99 9.3					10.9		
98/6/4 10 CO 91 7.9  98/6/4 10 CO 118 15  98/6/4 10 CO 128 20.6  98/6/4 10 CO 101 10.4  98/6/4 10 CO 115 15.9 33978 15  98/6/4 10 CO 93 9.1  98/6/4 10 CO 93 9.1  98/6/4 10 CO 98 9.2  98/6/4 10 CO 98 9.2  98/6/4 10 CO 112 14.4  98/6/4 10 CO 112 14.4  98/6/4 10 CO 100 102 10.9  98/6/4 10 CO 107 11.8  98/6/4 10 CO 100 11.2  98/6/4 10 CO 100 13.5  98/6/4 10 CO 100 13.5  98/6/4 10 CO 100 9.9				112	18.5		
98/6/4 10 CO 118 15  98/6/4 10 CO 128 20.6  98/6/4 10 CO 101 10.4  98/6/4 10 CO 115 15.9 33978 15  98/6/4 10 CO 117 15.6  98/6/4 10 CO 93 9.1  98/6/4 10 CO 98 9.2  98/6/4 10 CO 112 14.4  98/6/4 10 CO 112 14.4  98/6/4 10 CO 100 102 10.9  98/6/4 10 CO 100 107 11.8  98/6/4 10 CO 103 11.9  98/6/4 10 CO 119 16.5  98/6/4 10 CO 119 16.5  98/6/4 10 CO 119 16.5  98/6/4 10 CO 110 11.4  98/6/4 10 CO 110 11.2  98/6/4 10 CO 110 13.5					11.2		
98/6/4         10 CO         128         20.6           98/6/4         10 CO         101         10.4           98/6/4         10 CO         115         15.9         33978         15           98/6/4         10 CO         117         15.6         98         9.1         98/6/4         10 CO         93         9.1         98/6/4         10 CO         98         9.2         98/6/4         98/6/4         10 CO         112         14.4         98/6/4         10 CO         102         10.9         98/6/4         10 CO         102         10.9         98/6/4         10 CO         107         11.8         98/6/4         10 CO         103         11.9         98/6/4         10 CO         103         11.9         98/6/4         10 CO         103         11.9         98/6/4         10 CO         104         11.4         98/6/4         10 CO         119         16.5         98/6/4         10 CO         104         11.4         98/6/4         10 CO         100         11.2         18.1         98/6/4         10 CO         100         11.2         18.1         98/6/4         10 CO         100         11.2         18.1         98/6/4         10 CO         100         11.2				91	7.9		
98/6/4         10 CO         101         10.4           98/6/4         10 CO         115         15.9         33978         15           98/6/4         10 CO         117         15.6         98/6/4         10 CO         93         9.1           98/6/4         10 CO         98         9.2         98/6/4         98/6/4         10 CO         112         14.4           98/6/4         10 CO         102         10.9         98/6/4         10 CO         107         11.8           98/6/4         10 CO         103         11.9         10.5         98/6/4         10 CO         103         11.9           98/6/4         10 CO         103         11.4         98/6/4         10 CO         104         11.4           98/6/4         10 CO         104         11.4         98/6/4         10 CO         100         11.2           98/6/4         10 CO         122         18.1         98/6/4         10 CO         110         13.5           98/6/4         10 CO         100         11.2         98/6/4         10 CO         110         13.5           98/6/4         10 CO         91         7.8         33978         17				118	15		
98/6/4 10 CO 115 15.9 33978 15 98/6/4 10 CO 117 15.6 98/6/4 10 CO 93 9.1 98/6/4 10 CO 98 9.2 98/6/4 10 CO 112 14.4 98/6/4 10 CO 112 10.9 98/6/4 10 CO 100 107 11.8 98/6/4 10 CO 103 11.9 98/6/4 10 CO 103 11.9 98/6/4 10 CO 119 16.5 98/6/4 10 CO 104 11.4 98/6/4 10 CO 104 11.4 98/6/4 10 CO 105 107 11.8 98/6/4 10 CO 107 11.8 98/6/4 10 CO 107 11.8 98/6/4 10 CO 107 11.8 98/6/4 10 CO 107 11.8 98/6/4 10 CO 108 11.9 98/6/4 10 CO 109 100 100 100 100 100 100 100 100 100				128	20.6		
98/6/4     10 CO     117     15.6       98/6/4     10 CO     93     9.1       98/6/4     10 CO     106     12.4       98/6/4     10 CO     98     9.2       98/6/4     10 CO     112     14.4       98/6/4     10 CO     102     10.9       98/6/4     10 CO     107     11.8       98/6/4     10 CO     103     11.9       98/6/4     10 CO     119     16.5       98/6/4     10 CO     104     11.4       98/6/4     10 CO     99     10.1       98/6/4     10 CO     122     18.1       98/6/4     10 CO     100     11.2       98/6/4     10 CO     110     13.5       98/6/4     10 CO     91     7.8     33978     17       98/6/4     10 CO     98     9.3       98/6/4     10 CO     98     9.3       98/6/4     10 CO     100     9.9       98/6/4     10 CO     99     9.9       98/6/4     10 CO     99     9.9	98/6/4	10	CO	101	10.4		
98/6/4 10 CO 93 9.1  98/6/4 10 CO 106 12.4  98/6/4 10 CO 98 9.2  98/6/4 10 CO 112 14.4  98/6/4 10 CO 102 10.9  98/6/4 10 CO 107 11.8  98/6/4 10 CO 103 11.9  98/6/4 10 CO 119 16.5  98/6/4 10 CO 119 16.5  98/6/4 10 CO 104 11.4  98/6/4 10 CO 104 11.4  98/6/4 10 CO 105 104 11.4  98/6/4 10 CO 110 12 18.1  98/6/4 10 CO 110 11.2  98/6/4 10 CO 110 11.2  98/6/4 10 CO 100 11.2  98/6/4 10 CO 100 11.2  98/6/4 10 CO 100 11.2  98/6/4 10 CO 91 7.8 33978 17  98/6/4 10 CO 91 7.8 33978 16  98/6/4 10 CO 98 9.3		10	co	115	15.9	33978	15
98/6/4     10 CO     106     12.4       98/6/4     10 CO     98     9.2       98/6/4     10 CO     112     14.4       98/6/4     10 CO     102     10.9       98/6/4     10 CO     107     11.8       98/6/4     10 CO     103     11.9       98/6/4     10 CO     119     16.5       98/6/4     10 CO     104     11.4       98/6/4     10 CO     99     10.1       98/6/4     10 CO     122     18.1       98/6/4     10 CO     100     11.2       98/6/4     10 CO     110     13.5       98/6/4     10 CO     91     7.8     33978     17       98/6/4     10 CO     98     9.3       98/6/4     10 CO     98     9.3       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100	98/6/4	10	co	117	15.6		
98/6/4     10 CO     106     12.4       98/6/4     10 CO     98     9.2       98/6/4     10 CO     112     14.4       98/6/4     10 CO     102     10.9       98/6/4     10 CO     107     11.8       98/6/4     10 CO     103     11.9       98/6/4     10 CO     119     16.5       98/6/4     10 CO     104     11.4       98/6/4     10 CO     99     10.1       98/6/4     10 CO     122     18.1       98/6/4     10 CO     100     11.2       98/6/4     10 CO     110     13.5       98/6/4     10 CO     91     7.8     33978     17       98/6/4     10 CO     98     9.3       98/6/4     10 CO     98     9.3       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100	98/6/4	10	СО		9.1		
98/6/4       10 CO       98       9.2         98/6/4       10 CO       112       14.4         98/6/4       10 CO       102       10.9         98/6/4       10 CO       107       11.8         98/6/4       10 CO       103       11.9         98/6/4       10 CO       119       16.5         98/6/4       10 CO       104       11.4         98/6/4       10 CO       99       10.1         98/6/4       10 CO       122       18.1         98/6/4       10 CO       100       11.2         98/6/4       10 CO       110       13.5         98/6/4       10 CO       91       7.8       33978       17         98/6/4       10 CO       130       21.8       33978       16         98/6/4       10 CO       98       9.3         98/6/4       10 CO       100       9.9	98/6/4	10	CO	106	12.4		
98/6/4 10 CO 112 14.4  98/6/4 10 CO 102 10.9  98/6/4 10 CO 107 11.8  98/6/4 10 CO 103 11.9  98/6/4 10 CO 119 16.5  98/6/4 10 CO 104 11.4  98/6/4 10 CO 99 10.1  98/6/4 10 CO 122 18.1  98/6/4 10 CO 122 18.1  98/6/4 10 CO 100 11.2  98/6/4 10 CO 110 13.5  98/6/4 10 CO 91 7.8 33978 17  98/6/4 10 CO 98 9.3  98/6/4 10 CO 99 9.9  98/6/4 10 CO 99 9.9	98/6/4	10	СО				
98/6/4       10 CO       102       10.9         98/6/4       10 CO       107       11.8         98/6/4       10 CO       103       11.9         98/6/4       10 CO       119       16.5         98/6/4       10 CO       104       11.4         98/6/4       10 CO       99       10.1         98/6/4       10 CO       122       18.1         98/6/4       10 CO       100       11.2         98/6/4       10 CO       110       13.5         98/6/4       10 CO       91       7.8       33978       17         98/6/4       10 CO       98       9.3         98/6/4       10 CO       98       9.3         98/6/4       10 CO       100       9.9         98/6/4       10 CO       100       9.9         98/6/4       10 CO       100       9.9	98/6/4						
98/6/4       10 CO       107       11.8         98/6/4       10 CO       103       11.9         98/6/4       10 CO       119       16.5         98/6/4       10 CO       104       11.4         98/6/4       10 CO       99       10.1         98/6/4       10 CO       122       18.1         98/6/4       10 CO       100       11.2         98/6/4       10 CO       110       13.5         98/6/4       10 CO       91       7.8       33978       17         98/6/4       10 CO       130       21.8       33978       16         98/6/4       10 CO       98       9.3         98/6/4       10 CO       100       9.9         98/6/4       10 CO       100       9.9         98/6/4       10 CO       100       9.9	98/6/4						
98/6/4 10 CO 103 11.9  98/6/4 10 CO 119 16.5  98/6/4 10 CO 99 10.1  98/6/4 10 CO 99 10.1  98/6/4 10 CO 122 18.1  98/6/4 10 CO 100 11.2  98/6/4 10 CO 110 13.5  98/6/4 10 CO 91 7.8 33978 17  98/6/4 10 CO 91 7.8 33978 16  98/6/4 10 CO 98 9.3  98/6/4 10 CO 98 9.3  98/6/4 10 CO 98 9.3							
98/6/4     10 CO     119     16.5       98/6/4     10 CO     104     11.4       98/6/4     10 CO     99     10.1       98/6/4     10 CO     122     18.1       98/6/4     10 CO     100     11.2       98/6/4     10 CO     110     13.5       98/6/4     10 CO     91     7.8     33978     17       98/6/4     10 CO     130     21.8     33978     16       98/6/4     10 CO     98     9.3       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100     10.1							
98/6/4     10 CO     104     11.4       98/6/4     10 CO     99     10.1       98/6/4     10 CO     122     18.1       98/6/4     10 CO     100     11.2       98/6/4     10 CO     110     13.5       98/6/4     10 CO     91     7.8     33978     17       98/6/4     10 CO     130     21.8     33978     16       98/6/4     10 CO     98     9.3       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100     10.1							
98/6/4     10 CO     99     10.1       98/6/4     10 CO     122     18.1       98/6/4     10 CO     100     11.2       98/6/4     10 CO     110     13.5       98/6/4     10 CO     91     7.8     33978     17       98/6/4     10 CO     130     21.8     33978     16       98/6/4     10 CO     98     9.3       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100     10.1							
98/6/4     10 CO     122     18.1       98/6/4     10 CO     100     11.2       98/6/4     10 CO     110     13.5       98/6/4     10 CO     91     7.8     33978     17       98/6/4     10 CO     130     21.8     33978     16       98/6/4     10 CO     98     9.3       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100     10.1							
98/6/4     10 CO     100     11.2       98/6/4     10 CO     110     13.5       98/6/4     10 CO     91     7.8     33978     17       98/6/4     10 CO     130     21.8     33978     16       98/6/4     10 CO     98     9.3       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100     10.1							
98/6/4     10 CO     110     13.5       98/6/4     10 CO     91     7.8     33978     17       98/6/4     10 CO     130     21.8     33978     16       98/6/4     10 CO     98     9.3       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100     10.1							
98/6/4     10 CO     91     7.8     33978     17       98/6/4     10 CO     130     21.8     33978     16       98/6/4     10 CO     98     9.3       98/6/4     10 CO     100     9.9       98/6/4     10 CO     100     10.1							<del></del>
98/6/4 10 CO 130 21.8 33978 16 98/6/4 10 CO 98 9.3 98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 10.1						000==	
98/6/4 10/CO 98 9.3 98/6/4 10/CO 100 9.9 98/6/4 10/CO 100 10.1							17
98/6/4 10 CO 100 9.9 98/6/4 10 CO 100 10.1						33978	16
98/6/4 10 CO 100 10.1							
30/0/4 IUICU-N				100	10.1		
	98/6/4	100	CO-h	: 	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	

Year/Month/Day	SETLINK	F SPECIES	F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	F AGE SAMP#
98/6/4		CO-h				
98/6/4		CO-h				
98/6/4		CO-h				
98/6/4		CO-h				
98/6/4		CO-h	ļ			
98/6/4		CO-h		<del></del>		
98/6/5 98/6/5	111		102	10.1		
98/6/5	111		100	9.8		
98/6/5	111 111		114	16	<u> </u>	······································
98/6/5	111		109 99	13.4		
98/6/5	111	<del> </del>	101	9.3		
98/6/5	111		105	11.8		
98/6/5	111		105	11.1		<del> </del>
98/6/5	111		109	12.8		<del></del>
98/6/5	111		108	12.5		
98/6/5		СО	102	10.4		
98/6/5		СО	112	14.1		
98/6/5		СО	98	9.7	<del></del>	
98/6/5		co	103	11.2		
98/6/5	111		102	12		
98/6/5		со	101	10.3		
98/6/5	111	co	94	8.5		
98/6/5	11	СО	107	11		
98/6/5	11	СО	109	14.2		
98/6/5	111	CO	107	12.4		
98/6/5	111		94	8.1		
98/6/5	111		104	10.5		
98/6/5	111		101	11.1		
98/6/5	111		86	6.8	33978	21
98/6/5	111		74	4.4	33978	22
98/6/5	111		96	8.6		
98/6/5	111		114	14.8		
98/6/5	111		111	13.8		
98/6/5	111		112	15.1		
98/6/5	111		113	15		
98/6/5	111		106	12.9		
98/6/5	111		98	9.1		
98/6/5 98/6/5	111		105	10.7		
98/6/5	111		96	9.3		
98/6/5			75	4.3	33978	23
98/6/5	111		115 97	15.1		
98/6/5	111		106	8.5		
98/6/5	111		106	11.6		
98/6/5	111		106	12.2		
98/6/5	111		114	14.8		
98/6/5	11		130	20.9	22070	
98/6/5	11		106	13.1	33978	18
98/6/5	11		93	8		
98/6/5	11		95	8.8		
98/6/5	11		100	9.8		····
98/6/5	11		113	14.7		
98/6/5	1110	co	85	6	33978	19
98/6/5	11		116	15.4		
98/6/5	11	co	97	9.7	· · · · · · · · · · · · · · · · · · ·	
98/6/5	11	CO	103	11.7		
98/6/5	11	co	107	13.2	<del></del>	
98/6/5 98/6/5	11 (		103 122	11.1		

Year/Month/Day			F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	F AGE SAMP#
98/6/5	11	СО	127	20.9	33978	20
98/6/5		СО	116	15		
98/6/5		co	111	13		-
98/6/5		CO	118	15.5		
98/6/5		СО	103	10.1		
98/6/5		со	108	14.2		
98/6/5		co	122	18.8		
98/6/5		co	122	18		
98/6/5		со	103	11		
98/6/5		co	100	10.4		
98/6/5		CO	109	11.2		
98/6/5		co	109	13.2		
98/6/5		со	113	14.4		
98/6/5		СО	112	14.4	· · · · · · · · · · · · · · · · · · ·	
98/6/5		CO	103	10.7		
98/6/5		CO	107	12.3		
98/6/5		СО	101	11.2		
98/6/5		CO	106	13.3		
98/6/5		CO	109	13.7		
98/6/5		CO	103	11		
98/6/5		CO	107	12.3		
98/6/5		СО	110	13.4		
98/6/5		CO	98	9.7		
98/6/5		СО	109	12.7		
98/6/5		CO-h		:		
98/6/5		CO-h		· · · · · · · · · · · · · · · · · · ·		
98/6/5		CO-h				
98/6/5		CO-h				
98/6/5		CO-h				
98/6/5		CO-h	· · · · · · · · · · · · · · · · · · ·			
98/6/5		CO-h				
98/6/5		CO-h				
98/6/5		CO-h				
98/6/5		CO-h				
98/6/5		CO-h	-			
98/6/5		CO-h			· · · · · · · · · · · · · · · · · · ·	
98/6/5		CO-h				
98/6/5		CO-h				
98/6/5		CO-h	<del></del>			
98/6/5		CO-h				
98/6/5		CO-h				
98/6/5		CO-h	<del></del>			
98/6/5		CO-h				
98/6/5		CO-h				
98/6/5		CO-h				
98/6/5		CO-h	<del> </del>	:		
98/6/5		CO-h				
98/6/5		CO-h			1	
98/6/5		CO-h				
98/6/5		RB/ST	75	4.2	1	10
98/6/6	12		118	15		
98/6/6		CO	115	15.3		
98/6/6	12		103	10.7		
98/6/6		CO	103	10.6		
98/6/6	12		101	10.4		
98/6/6	12		95	8.9		
98/6/6	12		97	8.3		
98/6/6		CO	99	10.2		
98/6/6	12		124	19.5		
98/6/6	12	CO	107	10.6		

Year/Month/Day	SETLINK	F SPECIES	F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	E ACE CAMP#
98/6/6		СО	99	9.9	I GAINFEL BOOKLETW	F AGE SAMP#
98/6/6		CO	102	12.2		
98/6/6		СО	95	8.6		
98/6/6		СО	87	6.7	33978	24
98/6/6	12	CO	100	9.7	30070	24
98/6/6		CO	98	9.3		
98/6/6		CO	113	14.7		
98/6/6		СО	95	7.9		
98/6/6	12	CO	98	9.4		
98/6/6	12	СО	111	13.3		
98/6/6	12	СО	118	16		
98/6/6	12	СО	106	11.7		
98/6/6	12	co	101	10.6		
98/6/6	12	co	119	16.9		
98/6/6	12	co	109	10.6		
98/6/6		CO	100	9.7		
98/6/6	12	CO	95	8.1		
98/6/6	12	co	98	8.9	:	
98/6/6		co	96	9		
98/6/6		co	105	12.1		
98/6/6		co	104	11		
98/6/6		co	90	7.9	33978	25
98/6/6	12	co	104	11		
98/6/6		co	94	8.4		
98/6/6		co	100	9.6	;	
98/6/6		co	· 110	12.7		
98/6/6		со	110	14.3		
98/6/6		co	99	9.5	:	
98/6/6		со	98	9.3		
98/6/6		со	105	11.1	i i	
98/6/6		со	98	10.5		
98/6/6		со	113	15.4	· · · · · · · · · · · · · · · · · · ·	
98/6/6		СО	105	11.8		
98/6/6		CO	106	11.9		
98/6/6		CO	106	11.7		
98/6/6		CO	109	12.8		
98/6/6		co	108	11.7		
98/6/6		co	94	7.1		
98/6/6		co	97	9.9		
98/6/6		CO	105	11.5	i,	
98/6/6		CO	108	13.2		
98/6/6 98/6/6		co co	101	9.9	<del></del>	· · · · · · · · · · · · · · · · · · ·
98/6/6			101 95	10.6	<del> </del>	
98/6/6		co	101	8.5		
98/6/6		CO	95	8.4		
98/6/6		co	93	7.8		
98/6/6		CO	101	9.7		
98/6/6		co	104	12.5		
98/6/6		CO	113	13.9		
98/6/6		co	99	9.1		
98/6/6		CO	112	14.8		
98/6/6		co	99	9.1	<u> </u>	
98/6/6		CO	107	11.7		
98/6/6		co	88	6.3		
98/6/6		CO-h				
98/6/6		CO-h		· · · · · · · · · · · · · · · · · · ·		
98/6/6		CO-h				
98/6/6		CO-h				
98/6/6		CO-h				

98/6/6 12(Co-h 98/6/6	Year/Month/Day	SETLINK	F SPECIES	F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	F AGE SAMP#
98/6/6   12/CO-h   98/6/6   12	98/6/6	12	CO-h				
98/6/6   12/CO-h   98/6/6   12	98/6/6	12	CO-h				
98/6/6   12/CO-h   98/6/6   12	98/6/6	12	CO-h				
98/6/6 12 CO-h 98/6/6	98/6/6	12	CO-h				
98/6/6 12 CO-h 98/6/6 13 CO-h 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 13 CO-h 98/6/6 13 RB/ST 149 30.9 1 1 12 98/6/6 13 RB/ST 149 30.9 1 1 12 98/6/6 13 RB/ST 149 30.9 1 1 12 98/6/6 13 RB/ST 149 30.9 1 1 12 98/6/6 13 CO-h 98/6/6 13 RB/ST 149 30.9 1 1 12 98/6/6 13 CO-h 98/6/6 13 RB/ST 149 30.9 1 1 12 98/6/6 13 CO-h 98/6/6 13 RB/ST 149 30.9 1 1 12 98/6/6 13 CO-h 98/6/6 13 CO	98/6/6	12	CO-h				
98/6/6 12 CO-h 98/6/6 12 CO-h	98/6/6	12	CO-h				
98/6/6 12 CO-h 98/6/6	98/6/6	12	CO-h				
98/6/6 12 CO-h 98/6/6	98/6/6						
98/6/6 12 CO-h 98/6/6 12 CO-h							
98/6/6 12 CO-h 98/6/6							
98/6/6 12/CO-h 98/6/6							
98/6/6 12/CO-h 98/6/6				<u> </u>		· · · · · · · · · · · · · · · · · · ·	<del></del>
98/6/6 12/CO-h 98/6/6							
98/6/6 12 CO-h 98/6/8 13 CO 10-D 98/6/8 13 CO 99 9.8 98/6/8 13 CO 10-D 98/6/8 13 CO 99 9.8 98/6/8	<del></del>						
98/6/6 12 CO-h 98/6/8 13 CO 95 8.9 98/6/8 13 CO 96 8 98/6/8 13 CO 97 9.3 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99/6/8 13						•	
98/6/6 12 CO-h 98/6/6 12 RB/ST 146 34.7 1 1 11 98/6/6 12 RB/ST 146 30.9 1 1 12 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 110 15.5 1 1 13 98/6/6 12 RB/ST 113 15.2 1 1 14 98/6/6 12 RB/ST 113 15.2 1 1 14 98/6/6 12 RB/ST 113 15.2 1 1 14 98/6/8 13 CO 102 11.3 98/6/8 13 CO 109 12.3 98/6/8 13 CO 109 12.3 98/6/8 13 CO 109 12.3 98/6/8 13 CO 107 12.4 98/6/8 13 CO 107 12.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 96 8 98/6/8 13 CO 97 9.3 98/6/8 13 CO 99 9.8							<del></del>
98/6/6 12 CO-h 98/6/6 12 RB/ST 110 15.5 1 12 98/6/6 12 RB/ST 113 15.2 1 14 98/6/6 12 RB/ST 113 15.2 1 14 98/6/6 13 CO 95 8.9 98/6/8 13 CO 95 8.9 98/6/8 13 CO 102 11.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 104 95 8.9 98/6/8 13 CO 105 96 8.9 98/6/8 13 CO 107 12.4 98/6/8 13 CO 109 97 9.3 98/6/8 13 CO 109 99 9.8 98/6/8 13 CO 99 9.8							
98/6/6 12 CO-h 98/6/6 12 RB/ST 146 34.7 1 11 98/6/6 12 RB/ST 149 30.9 1 12 98/6/6 12 RB/ST 110 15.5 1 13 98/6/6 12 RB/ST 110 15.5 1 13 98/6/6 12 RB/ST 110 15.5 1 13 98/6/6 12 RB/ST 110 15.5 1 13 98/6/6 13 CO 95 8.9 98/6/8 13 CO 95 8.9 98/6/8 13 CO 95 8.9 98/6/8 13 CO 109 12.3 98/6/8 13 CO 109 12.3 98/6/8 13 CO 109 12.3 98/6/8 13 CO 109 12.4 98/6/8 13 CO 96 8 98/6/8 13 CO 100 9.4 98/6/8 13 CO 96 8.5 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 11.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 100 11.9 98/6/8 13 CO 99 9.8 98/6/8 13 CO 100 11.9 98/6/8 13 CO 99 9.8							
98/6/6 12/CO-h 98/6/6 12/RB/ST 146 34.7 1 11 98/6/6 12/RB/ST 149 30.9 1 11 98/6/6 12/RB/ST 110 15.5 1 13 98/6/6 12/RB/ST 110 15.5 1 13 98/6/6 12/RB/ST 113 15.2 1 14 98/6/8 13/CO 95 8.9 98/6/8 13/CO 95 8.9 98/6/8 13/CO 109 12.3 98/6/8 13/CO 109 12.3 98/6/8 13/CO 109 12.3 98/6/8 13/CO 109 12.3 98/6/8 13/CO 109 12.4 98/6/8 13/CO 109 12.4 98/6/8 13/CO 109 12.4 98/6/8 13/CO 100 9-4 98/6/8 13/CO 100 9-9 98/6/8 13/CO 100 9-9 98/6/8 13/CO 100 9-9 98/6/8 13/CO 100 9-9 98/6/8 13/CO 9-9 98/6/8 13/CO 100 9-9 98/6/8 13/CO 9-9 98/6/8 1				-			
98/6/6 12 CO-h 98/6/8 13 CO 96 8.9 98/6/8 13 CO 96 8.9 98/6/8 13 CO 96 8.9 98/6/8 13 CO 96 8.9 98/6/8 13 CO 96 8.5 98/6/8 13 CO 96 8.5 98/6/8 13 CO 96 8.5 98/6/8 13 CO 97 9.3 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 99 98 98					· · · · · · · · · · · · · · · · · · ·		
99/6/6 12 CO-h 98/6/6 12 RB/ST 146 34.7 1 1 11 98/6/6 12 RB/ST 149 30.9 1 12 98/6/6 12 RB/ST 110 15.5 1 13 98/6/6 12 RB/ST 110 15.5 1 13 98/6/6 13 CO 95 8.9 98/6/8 13 CO 95 8.9 98/6/8 13 CO 95 8.9 98/6/8 13 CO 102 11.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 102 11.2 98/6/8 13 CO 96 8 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 103 11.8 98/6/8 13 CO 104 11.9 98/6/8 13 CO 105 11.9 98/6/8 13 CO 106 11.9 98/6/8 13 CO 107 12.4 98/6/8 13 CO 108 11.8 98/6/8 13 CO 109 99 9.8 98/6/8 13 CO 100 101 11.9 98/6/8 13 CO 101 11.9 98/6/8 13 CO 101 11.9 98/6/8 13 CO 101 11.9 98/6/8 13 CO 101 11.9 98/6/8 13 CO 101 11.9 98/6/8 13 CO 101 11.9 98/6/8 13 CO 100 10.6				-			<del></del>
98/6/6 12 CO-h 98/6/6 12 RB/ST 146 34.7 1 111 98/6/6 12 RB/ST 149 30.9 1 121 98/6/6 12 RB/ST 110 15.5 1 13 98/6/6 12 RB/ST 113 15.2 1 14 98/6/8 13 CO 95 8.9 98/6/8 13 CO 95 8.9 98/6/8 13 CO 109 12.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 100 9.4 98/6/8 13 CO 96 8 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 97 9.3 98/6/8 13 CO 99 99 8 98/6/8 13 CO 99 99 8 98/6/8 13 CO 99 99 98				-			
98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 RB/ST 146 34.7 1 1 11 98/6/6 12 RB/ST 149 30.9 1 12 98/6/6 12 RB/ST 110 15.5 1 15.9 98/6/6 12 RB/ST 110 15.5 1 15.9 98/6/6 12 RB/ST 110 15.5 1 15.9 98/6/6 12 RB/ST 110 15.5 1 15.9 98/6/6 12 RB/ST 110 15.5 1 15.2 1 14.9 98/6/8 13 CO 95 8.9 98/6/8 13 CO 96 8.9 98/6/8 13 CO 109 12.3 98/6/8 13 CO 109 12.3 98/6/8 13 CO 107 12.4 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 97 9.3 98/6/8 13 CO 95 8.5 98/6/8 13 CO 95 8.5 98/6/8 13 CO 97 9.3 98/6/8 13 CO 99 9.8							
98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 RB/ST 146 34.7 1 1 11 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 110 15.5 1 1 15 98/6/6 12 RB/ST 110 15.5 1 1 16 98/6/6 12 RB/ST 113 15.2 1 1 14 98/6/6 12 RB/ST 113 15.2 1 1 14 98/6/8 13 CO 95 8.9 98/6/8 13 CO 95 8.9 98/6/8 13 CO 102 11.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 107 12.4 98/6/8 13 CO 107 12.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 11.2 98/6/8 13 CO 9.9 9.3 98/6/8 13 CO 9.9 9.3 98/6/8 13 CO 9.9 9.3 98/6/8 13 CO 9.9 9.8	-						
98/6/6		<del></del>					
98/6/6							
98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 RB/ST 146 34.7 1 1 11 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 110 15.5 1 1 13 98/6/6 12 RB/ST 113 15.2 1 14 98/6/6 12 RB/ST 113 15.2 1 14 98/6/8 13 CO 95 8.9 98/6/8 13 CO 95 8.9 98/6/8 13 CO 102 11.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 107 12.4 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 97 9.3 98/6/8 13 CO 97 9.3 98/6/8 13 CO 97 9.3 98/6/8 13 CO 97 9.3 98/6/8 13 CO 97 9.3 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 101 11.9 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 97 9.3 98/6/8 13 CO 97 9.3 98/6/8 13 CO 97 9.3 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8				!i			
98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 CO-h 98/6/6 12 RB/ST 146 34.7 1 1 11 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 110 15.5 1 1 13 98/6/6 12 RB/ST 110 15.5 1 1 13 98/6/6 12 RB/ST 113 15.2 1 1 14 98/6/8 13 CO 95 8.9 98/6/8 13 CO 109 12.3 98/6/8 13 CO 100 12.1 98/6/8 13 CO 107 12.4 98/6/8 13 CO 107 12.4 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8							
98/6/6 12   CO-h   98/6/6 12   CO-h   98/6/6 12   CO-h   98/6/6 12   CO-h   98/6/6 12   CO-h   98/6/6 12   CO-h   98/6/6 12   CO-h   98/6/6 12   RB/ST   146 34.7   1 11 11 98/6/6 12   RB/ST   149 30.9   1 12   98/6/6 12   RB/ST   110 15.5   1 13   15.2   1 14   98/6/6 12   RB/ST   113   15.2   1 14   98/6/8   13   CO   95   8.9   98/6/8   13   CO   109   12.3   98/6/8   13   CO   109   12.3   98/6/8   13   CO   102   11.3   98/6/8   13   CO   102   11.3   98/6/8   13   CO   107   12.4   98/6/8   13   CO   96   8   98/6/8   13   CO   95   8.5   98/6/8   13   CO   95   8.5   98/6/8   13   CO   95   8.5   98/6/8   13   CO   97   9.3   98/6/8   13   CO   97   9.3   98/6/8   13   CO   108   11.8   98/6/8   13   CO   97   9.3   98/6/8   13   CO   115   17.5   98/6/8   13   CO   99   9.8   98/6/8   13   CO   99   9.8   98/6/8   13   CO   99   9.8   98/6/8   13   CO   91   7.9   98/6/8   13   CO   91   7.9   98/6/8   13   CO   91   7.9   98/6/8   13   CO   98   9.8   98/6/8   13   CO   100   10.6   98/6/8   13   CO   98   9.7   98/6/8   13   CO   99   98/6/8   13   CO   99   98/6/8   13   CO   99   98/6/8   13   CO   99   98/6/8   13   CO   100   10.6   98/6/8   13   CO   99   98/6/8   13   CO   98   9.7   98/6/8   13   CO   99   98/6/8   13   CO   100   10.6   98/6/8   13   CO   99/6/8   13   CO   100   10.6   98/6/8   13   CO   100   10.6   98/6/8   13   CO   100   11.8   98/6/8   13   CO   100   1				<u></u>			
98/6/6 12   CO-h   98/6/6   12   CO-h   98/6/6   12   CO-h   98/6/6   12   CO-h   98/6/6   12   CO-h   98/6/6   12   RB/ST   146   34.7   1   11   11   98/6/6   12   RB/ST   149   30.9   1   12   98/6/6   12   RB/ST   110   15.5   1   13   15.2   1   14   15.5   1   15   15   1   15   15   1   15   15   1   1				-			
98/6/6 12   CO-h   98/6/6 12   CO-h   98/6/6 12   CO-h   98/6/6 12   RB/ST	98/6/6					: 	
98/6/6 12 CO-h 98/6/6 12 RB/ST 146 34.7 1 1 11 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 110 15.5 1 1 13 98/6/6 12 RB/ST 110 15.5 1 1 13 98/6/6 12 RB/ST 1110 15.5 1 1 14 98/6/6 12 RB/ST 113 15.2 1 1 14 98/6/8 13 CO 95 8.9 98/6/8 13 CO 109 12.3 98/6/8 13 CO 109 12.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 107 12.4 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 95 8.5 98/6/8 13 CO 97 9.3 98/6/8 13 CO 108 11.8 98/6/8 13 CO 97 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 91 7.9 98/6/8 13 CO 98 9.8 98/6/8 13 CO 98 9.8 98/6/8 13 CO 98 9.8 98/6/8 13 CO 98 9.8 98/6/8 13 CO 98 9.7 98/6/8 13 CO 98 9.7 98/6/8 13 CO 98 9.7 98/6/8 13 CO 98 9.7 98/6/8 13 CO 98 9.7 98/6/8 13 CO 98 9.7 98/6/8 13 CO 98 9.7 98/6/8 13 CO 98 9.7 98/6/8 13 CO 98 9.7 98/6/8 13 CO 99 98 9.7 98/6/8 13 CO 99 98 9.7							
98/6/6	98/6/6	12	CO-h				
98/6/6 12 RB/ST 146 34.7 1 1 11 98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 110 15.5 1 1 13 98/6/6 12 RB/ST 110 15.5 1 1 13 98/6/6 12 RB/ST 113 15.2 1 1 14 98/6/8 13/CO 95 8.9 98/6/8 13/CO 109 12.3 98/6/8 13/CO 102 11.3 98/6/8 13/CO 102 11.3 98/6/8 13/CO 96 8 98/6/8 13/CO 96 8 98/6/8 13/CO 96 8 98/6/8 13/CO 100 9.4 98/6/8 13/CO 102 11.2 98/6/8 13/CO 95 8.5 98/6/8 13/CO 102 11.2 98/6/8 13/CO 95 8.5 98/6/8 13/CO 102 11.2 98/6/8 13/CO 95 8.5 98/6/8 13/CO 95 8.5 98/6/8 13/CO 108 11.8 98/6/8 13/CO 97 9.3 98/6/8 13/CO 97 9.3 98/6/8 13/CO 99 9.8 98/6/8 13/CO 99 9.8 98/6/8 13/CO 99 9.8 98/6/8 13/CO 91 11.9 98/6/8 13/CO 91 11.9 98/6/8 13/CO 99 9.8 98/6/8 13/CO 99 9.8 98/6/8 13/CO 99 9.8 98/6/8 13/CO 91 7.9 98/6/8 13/CO 91 7.9 98/6/8 13/CO 98 9.8 98/6/8 13/CO 91 7.9 98/6/8 13/CO 98 9.8 98/6/8 13/CO 98 9.8 98/6/8 13/CO 108 13.2 98/6/8 13/CO 98 9.7 98/6/8 13/CO 98 9.7 98/6/8 13/CO 98 9.7 98/6/8 13/CO 98 9.7 98/6/8 13/CO 99 98 9.7 98/6/8 13/CO 99 98 9.7 98/6/8 13/CO 99 98 9.7 98/6/8 13/CO 99 98 9.7 98/6/8 13/CO 99 98 9.7 98/6/8 13/CO 99 98 9.7 98/6/8 13/CO 99 98 9.7 98/6/8 13/CO 99 98 9.7 98/6/8 13/CO 99 98 9.7 98/6/8 13/CO 99 98 9.7	98/6/6	12	CO-h	4			
98/6/6 12 RB/ST 149 30.9 1 1 12 98/6/6 12 RB/ST 110 15.5 1 1 13 98/6/6 12 RB/ST 113 15.2 1 1 14 98/6/8 13 CO 95 8.9 98/6/8 13 CO 109 12.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 107 12.4 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 103 11.8 98/6/8 13 CO 99 9.3 98/6/8 13 CO 108 11.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 98 9.8 98/6/8 13 CO 98 9.8 98/6/8 13 CO 98 9.8	98/6/6	12	CO-h			-	
98/6/6 12 RB/ST 149 30.9 1 12 98/6/6 12 RB/ST 110 15.5 1 1 13 98/6/6 12 RB/ST 113 15.2 1 14 98/6/8 13 CO 95 8.9 98/6/8 13 CO 109 12.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 107 12.4 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 95 8.5 98/6/8 13 CO 95 8.5 98/6/8 13 CO 99 98.8 98/6/8 13 CO 97 9.3 98/6/8 13 CO 99 9.8 98/6/8 13 CO 98 9.8 98/6/8 13 CO 98 9.8	98/6/6	12	RB/ST	146	34.7	1!	11
98/6/6 12 RB/ST 110 15.5 1 133 98/6/6 12 RB/ST 113 15.2 1 144 98/6/8 13 CO 95 8.9 98/6/8 13 CO 109 12.3 98/6/8 13 CO 102 11.3 98/6/8 13 CO 107 12.4 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 96 8 98/6/8 13 CO 100 9.4 98/6/8 13 CO 100 9.4 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 102 11.2 98/6/8 13 CO 95 8.5 98/6/8 13 CO 95 8.5 98/6/8 13 CO 95 8.5 98/6/8 13 CO 97 9.3 98/6/8 13 CO 97 9.3 98/6/8 13 CO 115 17.5 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 1 7.9 98/6/8 13 CO 99 1 7.9 98/6/8 13 CO 98 9.8 98/6/8 13 CO 99 1 7.9 98/6/8 13 CO 98 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8 98/6/8 13 CO 99 9.8	98/6/6	12	RB/ST	149	30.9	1	
98/6/6     12 RB/ST     113     15.2     1     14       98/6/8     13 CO     95     8.9       98/6/8     13 CO     109     12.3       98/6/8     13 CO     102     11.3       98/6/8     13 CO     107     12.4       98/6/8     13 CO     96     8       98/6/8     13 CO     100     9.4       98/6/8     13 CO     100     9.4       98/6/8     13 CO     95     8.5       98/6/8     13 CO     95     8.5       98/6/8     13 CO     97     9.3       98/6/8     13 CO     97     9.3       98/6/8     13 CO     115     17.5       98/6/8     13 CO     101     11.9       98/6/8     13 CO     99     9.8       98/6/8     13 CO     91     7.9       98/6/8     13 CO     10     13.6       98/6/8     13 CO     10     10.6       98/6/8     13 CO     10     10.6 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
98/6/8     13 CO     95     8.9       98/6/8     13 CO     109     12.3       98/6/8     13 CO     102     11.3       98/6/8     13 CO     96     8       98/6/8     13 CO     96     8       98/6/8     13 CO     100     9.4       98/6/8     13 CO     100     9.4       98/6/8     13 CO     102     11.2       98/6/8     13 CO     95     8.5       98/6/8     13 CO     108     11.8       98/6/8     13 CO     97     9.3       98/6/8     13 CO     99     9.8       98/6/8     13 CO     99     9.8       98/6/8     13 CO     91     7.9       98/6/8     13 CO     91     7.9       98/6/8     13 CO     98     9.8       98/6/8     13 CO     10     13.6       98/6/8     13 CO     98     9.7       98/6/8     13 CO     98     9.7       98/6/8     113 CO     90     10.6       98/6/8     113 CO     100     10.6       98/6/8     113 CO     91     8.8       98/6/8     113 CO     100     10.6       98/6/8							
98/6/8       13 CO       109       12.3         98/6/8       13 CO       102       11.3         98/6/8       13 CO       107       12.4         98/6/8       13 CO       96       8         98/6/8       13 CO       100       9.4         98/6/8       13 CO       102       11.2         98/6/8       13 CO       95       8.5         98/6/8       13 CO       97       9.3         98/6/8       13 CO       97       9.3         98/6/8       13 CO       115       17.5         98/6/8       13 CO       99       9.8         98/6/8       13 CO       91       7.9         98/6/8       13 CO       91       7.9         98/6/8       13 CO       98       9.8         98/6/8       13 CO       110       13.6         98/6/8       13 CO       10       13.6         98/6/8       13 CO       98       9.7         98/6/8       13 CO       98       9.7         98/6/8       13 CO       98       9.7         98/6/8       113 CO       100       10.6         98/6/8 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
98/6/8       13 CO       102       11.3         98/6/8       13 CO       107       12.4         98/6/8       13 CO       96       8         98/6/8       13 CO       100       9.4         98/6/8       13 CO       102       11.2         98/6/8       13 CO       95       8.5         98/6/8       13 CO       108       11.8         98/6/8       13 CO       97       9.3         98/6/8       13 CO       115       17.5         98/6/8       13 CO       99       9.8         98/6/8       113 CO       101       11.9         98/6/8       13 CO       91       7.9         98/6/8       13 CO       98       9.8         98/6/8       13 CO       10       13.6         98/6/8       13 CO       108       13.2         98/6/8       13 CO       98       9.7         98/6/8       13 CO       98       9.7         98/6/8       113 CO       100       10.6         98/6/8       113 CO       91       8.8         98/6/8       113 CO       91       8.8         98/6/8							
98/6/8       13 CO       107       12.4         98/6/8       13 CO       96       8         98/6/8       13 CO       100       9.4         98/6/8       13 CO       102       11.2         98/6/8       13 CO       95       8.5         98/6/8       13 CO       108       11.8         98/6/8       13 CO       97       9.3         98/6/8       13 CO       97       9.3         98/6/8       13 CO       99       9.8         98/6/8       13 CO       99       9.8         98/6/8       13 CO       91       7.9         98/6/8       13 CO       91       7.9         98/6/8       13 CO       98       9.8         98/6/8       13 CO       10       13.6         98/6/8       13 CO       108       13.2         98/6/8       13 CO       98       9.7         98/6/8       13 CO       98       9.7         98/6/8       113 CO       100       10.6         98/6/8       113 CO       91       8.8         98/6/8       113 CO       91       8.8         98/6/8							
98/6/8       13 CO       96       8         98/6/8       13 CO       100       9.4         98/6/8       13 CO       102       11.2         98/6/8       13 CO       95       8.5         98/6/8       13 CO       108       11.8         98/6/8       13 CO       97       9.3         98/6/8       13 CO       99       9.8         98/6/8       13 CO       99       9.8         98/6/8       13 CO       91       7.9         98/6/8       13 CO       91       7.9         98/6/8       13 CO       98       9.8         98/6/8       13 CO       100       13.6         98/6/8       13 CO       98       9.7         98/6/8       13 CO       98       9.7         98/6/8       113 CO       100       10.6         98/6/8       113 CO       91       8.8         98/6/8       113 CO       91       8.8         98/6/8       113 CO       100       10.6         98/6/8       113 CO       100       10.6         98/6/8       13 CO       103       11.8						······································	
98/6/8     13 CO     100     9.4       98/6/8     13 CO     102     11.2       98/6/8     13 CO     95     8.5       98/6/8     13 CO     108     11.8       98/6/8     13 CO     97     9.3       98/6/8     13 CO     99     9.8       98/6/8     13 CO     99     9.8       98/6/8     13 CO     91     7.9       98/6/8     13 CO     91     7.9       98/6/8     13 CO     98     9.8       98/6/8     13 CO     10     13.6       98/6/8     13 CO     10     13.6       98/6/8     13 CO     98     9.7       98/6/8     13 CO     10     10.6       98/6/8     113 CO     10     10.6       98/6/8     113 CO     91     8.8       98/6/8     113 CO     10     10.6       98/6/8     113 CO     91     8.8       98/6/8     13 CO     103     11.8							<del></del>
98/6/8       13 CO       102       11.2         98/6/8       13 CO       95       8.5         98/6/8       13 CO       108       11.8         98/6/8       13 CO       97       9.3         98/6/8       13 CO       99       9.8         98/6/8       13 CO       99       9.8         98/6/8       13 CO       11.9         98/6/8       13 CO       91       7.9         98/6/8       13 CO       98       9.8         98/6/8       13 CO       100       13.6         98/6/8       13 CO       108       13.2         98/6/8       13 CO       98       9.7         98/6/8       13 CO       100       10.6         98/6/8       113 CO       91       8.8         98/6/8       113 CO       91       8.8         98/6/8       13 CO       91       8.8         98/6/8       13 CO       103       11.8				<del></del>			
98/6/8:       13 CO       95       8.5         98/6/8:       13 CO       108       11.8         98/6/8:       13 CO       97       9.3         98/6/8:       13 CO       115       17.5         98/6/8:       13 CO       99       9.8         98/6/8:       13 CO       11.9         98/6/8:       13 CO       91       7.9         98/6/8:       13 CO       98       9.8         98/6/8:       13 CO       100       13.6         98/6/8:       13 CO       108       13.2         98/6/8:       13 CO       98       9.7         98/6/8:       13 CO       100       10.6         98/6/8:       113 CO       91       8.8         98/6/8:       113 CO       91       8.8         98/6/8:       13 CO       103       11.8							
98/6/8       13 CO       108       11.8         98/6/8       13 CO       97       9.3         98/6/8       13 CO       115       17.5         98/6/8       13 CO       99       9.8         98/6/8       .113 CO       101       11.9         98/6/8       13 CO       91       7.9         98/6/8       13 CO       98       9.8         98/6/8       13 CO       110       13.6         98/6/8       13 CO       108       13.2         98/6/8       13 CO       98       9.7         98/6/8       13 CO       100       10.6         98/6/8       113 CO       91       8.8         98/6/8       13 CO       91       8.8         98/6/8       13 CO       103       11.8							
98/6/8       13 CO       97       9.3         98/6/8       13 CO       115       17.5         98/6/8       13 CO       99       9.8         98/6/8       113 CO       11.9         98/6/8       13 CO       91       7.9         98/6/8       13 CO       98       9.8         98/6/8       13 CO       110       13.6         98/6/8       13 CO       108       13.2         98/6/8       13 CO       98       9.7         98/6/8       113 CO       98       9.7         98/6/8       113 CO       100       10.6         98/6/8       113 CO       91       8.8         98/6/8       13 CO       103       11.8							
98/6/8     13 CO     115     17.5       98/6/8     13 CO     99     9.8       98/6/8     .113 CO     101     11.9       98/6/8     13 CO     91     7.9       98/6/8     13 CO     98     9.8       98/6/8     13 CO     110     13.6       98/6/8     13 CO     108     13.2       98/6/8     13 CO     98     9.7       98/6/8     13 CO     100     10.6       98/6/8     113 CO     91     8.8       98/6/8     13 CO     103     11.8						<del></del>	····
98/6/8     13 CO     99     9.8       98/6/8     .113 CO     101     11.9       98/6/8     13 CO     91     7.9       98/6/8     13 CO     98     9.8       98/6/8     13 CO     110     13.6       98/6/8     13 CO     108     13.2       98/6/8     13 CO     98     9.7       98/6/8     113 CO     100     10.6       98/6/8     113 CO     91     8.8       98/6/8     13 CO     103     11.8							<del></del>
98/6/8     .113/CO     101     11.9       98/6/8     13/CO     91     7.9       98/6/8     13/CO     98     9.8       98/6/8     13/CO     110     13.6       98/6/8     13/CO     108     13.2       98/6/8     13/CO     98     9.7       98/6/8     113/CO     100     10.6       98/6/8     113/CO     91     8.8       98/6/8     13/CO     103     11.8							
98/6/8     13 CO     91     7.9       98/6/8     13 CO     98     9.8       98/6/8     13 CO     110     13.6       98/6/8     13 CO     108     13.2       98/6/8     13 CO     98     9.7       98/6/8     113 CO     100     10.6       98/6/8     113 CO     91     8.8       98/6/8     13 CO     103     11.8							
98/6/8     13 CO     98     9.8       98/6/8     13 CO     110     13.6       98/6/8     13 CO     108     13.2       98/6/8     13 CO     98     9.7       98/6/8     113 CO     100     10.6       98/6/8     113 CO     91     8.8       98/6/8     13 CO     103     11.8							
98/6/8     13 CO     110     13.6       98/6/8     13 CO     108     13.2       98/6/8     13 CO     98     9.7       98/6/8     113 CO     100     10.6       98/6/8     113 CO     91     8.8       98/6/8     13 CO     103     11.8							
98/6/8     13 CO     108     13.2       98/6/8     13 CO     98     9.7       98/6/8     113 CO     100     10.6       98/6/8     113 CO     91     8.8       98/6/8     13 CO     103     11.8							
98/6/8     13 CO     98     9.7       98/6/8     113 CO     100     10.6       98/6/8     113 CO     91     8.8       98/6/8     13 CO     103     11.8							
98/6/8     113 CO     100     10.6       98/6/8     113 CO     91     8.8       98/6/8     13 CO     103     11.8							
98/6/8     113 CO     91     8.8       98/6/8     13 CO     103     11.8							
98/6/8 13 CO 103 11.8							
98/6/8 13 CO 110 13.1							
	98/6/8	13	СО	110	13.1		

Year/Month/Day	SETLINK	F SPECIES	F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	F AGE SAMP#
98/6/8	13	СО	102	11.6		
98/6/8	13	СО	88	7.5		
98/6/8	13	CO	94	8.4		
98/6/8		CO	101	10.6		
98/6/8	13	<u>co</u>	104	11.9		
98/6/8		CO	. 97	9.2		
98/6/8		CO	125	19.7		
98/6/8		CO	105	10.5		
98/6/8	113		105	12.1		
98/6/8		co	91	6.6		· · · · · · · · · · · · · · · · · · ·
98/6/8		CO	100	9.4	·	
98/6/8		co	101	10.3		·
98/6/8		CO	103	11.4		
98/6/8		CO	103	11.3		:
98/6/8		CO	100	10.5		·
98/6/8		CO	94	8	w	
98/6/8		co	112	13.4		·
98/6/8		CO	93			
98/6/8		CO	96			
98/6/8		CO	108	13.2		
98/6/8		co	108	12.7		
98/6/8		CO	104	11.5		
98/6/8		CO	106	12.1		<del></del>
98/6/8		CO-h	•	···		· · · · · · · · · · · · · · · · · · ·
98/6/8		CO-h	<del></del>			
98/6/8		CO-h	<del></del>			
98/6/8		CO-h				<del> </del>
98/6/8		CO-h				
98/6/8 98/6/8		CO-h				<del> </del>
98/6/8		CO-h				
98/6/8		CO-h	<del>!</del>			
98/6/8		CO-h	<u> </u>	<del></del>		-
98/6/8		CO-11	<del> </del>			<del></del>
98/6/8		CO-h	1			
98/6/8		CO-h	<del></del>			<del></del>
98/6/8		CO-h				<del> </del>
98/6/8		CO-h	•			·
98/6/8		CO-h	-	+	····	
98/6/8		CO-h	•	:		
98/6/8		CO-h	!			
98/6/8		CO-h	;	<u> </u>		
98/6/8		CO-h				
98/6/8		CO-h	:			
98/6/8		CO-h		<del>i</del>	· · · · · · · · · · · · · · · · · · ·	
98/6/8		RB/ST	103	10.9	1	15
98/6/9	114			<del></del>	·	<del></del>
98/6/9	114		98	10		<del> </del>
98/6/9	114					
98/6/9	114	CO	92	8.1		
98/6/9	114		98	10.5		
98/6/9	114		97			:
98/6/9	114		100	9.7		
98/6/9	114		<del></del>			
98/6/9	114					
98/6/9	114					
98/6/9	114					
98/6/9	114			-		
98/6/9		CO	86	7.2		
98/6/9	114	CO		:		·

Year/Month/Day	SETLINK	F SPECIES	F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	F AGE SAMP#
98/6/9	114	СО	102	10.7		· AGE OAIII #
98/6/9		со				<del></del>
98/6/9		co	112	13.7		<del></del>
98/6/9						
98/6/9	114		105	12		I
98/6/9		CO .	1.02	11.1		
98/6/9	114		98	9.6		
98/6/9	114					
98/6/9	114		100	10.6		:
98/6/9		co	88	7.5		i e
98/6/9	114		103	12.5		
98/6/9		CO	97	9.3	****	
98/6/9	114		109	12.8		
98/6/9		СО	88	6.8		
98/6/9	114		·	<del></del>		·
98/6/9	114					
98/6/9	114					· •
98/6/9		CO-h				·
98/6/9		CO-h				
98/6/9		CO-h	<del> </del>			·
98/6/9		CO-h				
98/6/9		CO-h		<del></del>		·
98/6/9		CO-h	<del>  </del>			
98/6/9		CO-h				
98/6/9		CO-h	·		·	
98/6/9		CO-h CO-h	i			
98/6/9						
98/6/9		CO-h		<del>-</del>		
98/6/9 98/6/9		CO-h CO-h	<del>-</del>	<del></del>		
98/6/9		CO-h	+			
98/6/9		CO-h				
98/6/9		CO-h				
98/6/9		CO-h				<del></del>
98/6/9		CO-h	<del></del>			
98/6/9		CO-h				
98/6/9		CO-h		<del>-</del>		
98/6/9		CO-h				
98/6/9		CO-h				· · · · · · · · · · · · · · · · · · ·
98/6/9		CO-h				
98/6/9		CO-h	<del></del>	<del></del>		
98/6/9		CO-h				
98/6/9		CO-h				
98/6/9		CO-h		•		
98/6/9		CO-h				
98/6/9		CO-h		- · · · · · · · · · · · · · · · · · · ·		<del> </del>
98/6/9		CO-h				<del></del>
98/6/9	14	RB/ST	138	30.6	1	17
98/6/9		RB/ST	90	7.8	1	
98/6/10	115		97	9.1		
98/6/10	115		101	10.3		
98/6/10	115		111	14.3		
98/6/10	115		97	9.5		
98/6/10	115		99	12.2		
98/6/10	115		88	7.1		
98/6/10	15		103	11.1		
98/6/10	115		95	8.5		
98/6/10	115		102	11.3		
98/6/10	115		95	10		
98/6/10	115	CO	107	12.2		

NAD#	SAMPLE BOOKLET# F AGE S	WEIGHT	F LENGTH	F SPECIES	SETLINK	Year/Month/Day
	33978	4.6	75		115	98/6/10
27	33976	9.3	99		115	98/6/10
		7.9	90	СО		98/6/10
		10.3	101		115	98/6/10
		10.2	106	CO		98/6/10:
		11.5	104	CO		98/6/10
		7	89	CO		98/6/10
		7.5	89	со		98/6/10
		10.3	101	со		98/6/10
		11.2	104	co		98/6/10
		7.1	90	CO		98/6/10
		11.6	105	CO		98/6/10
		10.6	100	СО		98/6/10
		8.4	97	co		98/6/10
		10.3	103	CO		98/6/10
	22070	6.1	85	co		98/6/10
26	33978	0.1	- 00	CO-h		98/6/10
			<del></del>	CO-h		98/6/10
				CO-h		98/6/10
						98/6/10
		-		CO-h		98/6/10
				CO-h		98/6/10
				CO-h		98/6/10
				CO-h		98/6/10
				CO-h		98/6/10
		<del></del>		CO-h		98/6/10
	<del></del>			CO-h		98/6/10
			<del></del>	CO-h		98/6/10
			<del></del>			98/6/10
				CO-h CO-h		98/6/10
		<del></del> :				98/6/10
		<del></del>		CO-h		98/6/10
				CO-h		
			<del></del>	CO-h		98/6/10
				CO-h		98/6/10
				CO-h		98/6/10
				CO-h		98/6/10
		i		CO-h		98/6/10
				CO-h		98/6/10
				CO-h		98/6/10
				CO-h		98/6/10
				CO-h		98/6/10
		8.2	94		16	98/6/11
		13.4	113		16	98/6/11
		9.3	101		16	98/6/11
		12.7	105		16	98/6/11
		7.2	88		16	98/6/11
		8.6	94		16	98/6/11
		10.1	100		16	98/6/11
		6.5	86		16	98/6/11
		14.1	108	CO	16	98/6/11
				CO-h		98/6/11
				CO-h		98/6/11
-				CO-h	16	98/6/11
				CO-h	16	98/6/11
		:		CO-h		98/6/11
	· · · · · · · · · · · · · · · · · · ·			CO-h		98/6/11
				CO-h		98/6/11
				CO-h		98/6/11
	1	3.5	68:	RB/ST		98/6/11
19	•	3.9	73	RB/ST		98/6/11

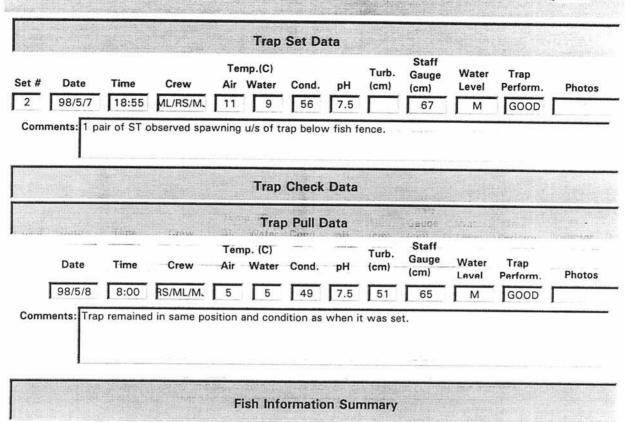
Year/Month/Day	SETLINK	F SPECIES	F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	F AGE SAMP#
98/6/11	16	RB/ST	182	62.2		
98/6/13		co	98	10		20
98/6/13		СО	98	9.5		***
98/6/13:		со	108	12.9		<del></del>
98/6/13		CO-h	<del> </del>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· · · · · · · · · · · · · · · · · · ·	<del></del>
98/6/13		CO-h		<del></del>		
98/6/13		CO-h				
98/6/13		CO-h				
98/6/13		CO-h				
98/6/13		CO-h		·		
98/6/13		CO-h				
98/6/13		CO-h				
98/6/13	17	CO-h				
98/6/13		CO-h				
98/6/13.		CO-h		-		
98/6/13	17				· · · · · · · · · · · · · · · · · · ·	
98/6/13	17			1	<u> </u>	
98/6/13		RB/ST	89	7	1	24
98/6/13		RB/ST	114	18.4	1	23
98/6/13		RB/ST	139	29.7	1.	21
98/6/13		RB/ST	117	16.5	<u>-</u>	22
98/6/15		CO	96	9.5		
98/6/15		СО	90	7.5		· · · · · · · · · · · · · · · · · · ·
98/6/15		CO	87	7.5		
98/6/15		CO	109	12.8		
98/6/15		СО	98	9.9		
98/6/15	_	CO-h	1			
98/6/15		CO-h				
98/6/15		CO-h			3	
98/6/15		CO-h				
98/6/15		CO-h				
98/6/15		CO-h		1		
98/6/15		CO-h				
98/6/15		CO-h				
98/6/15		RB/ST	61	2.3	1:	26
98/6/15		RB/ST	112	14	1	27
98/6/15		RB/ST	86	7.2	1.	28
98/6/15		RB/ST	107	13.6	1:	29
98/6/15		RB/ST	104	12.7	1	25
98/6/15		RB/ST	62	2.5	1	30
98/6/15		RB/ST	113	16.7	1:	31
98/6/17	19		91	8		01
98/6/17		СО	93	8.6		
98/6/17		CO	104	12.3		
98/6/17		СО	94	9.2		
98/6/17		СО	94	8.4		
98/6/17	19		98	9.4		
98/6/17		CO-h				
98/6/17		CO-h			-	
98/6/17		CO-h			<del> </del>	
98/6/17		CO-h			<del></del>	
98/6/17		CO-h			-	
98/6/17	19	CO-h				
98/6/17		CO-h				
98/6/17		CO-h				
98/6/17		CO-h		<del></del>		
98/6/17		RB/ST	114	16.8	1	34
98/6/17		RB/ST	83	7.1	1	35
98/6/17		RB/ST	69	3.8	1:	36
98/6/17		RB/ST	67	3.2	1	37

Year/Month/Day			F LENGTH	F WEIGHT	F SAMPLE BOOKLET#	F AGE SAMP#
98/6/17	19	RB/ST	120	19.4	1	
98/6/17		RB/ST	109	14.1	1	33
98/6/21	20	co	52	1.4		
98/6/21	20	СО	74	4.3	33978	28
98/6/21	20	co	104	11.2		
98/6/21	20	CO	96	9.2		
98/6/21		co	98	8.9		
98/6/21	20	CO	101	9.9		····
98/6/21	20	CO-h				
98/6/21	20	RB/ST	65	3	1	45
98/6/21	20	RB/ST	70	3.4		
98/6/21	20	RB/ST	77	4.3	1	46
98/6/21	20	RB/ST	80	5	1;	44
98/6/21	20	RB/ST	75	4.1	1	43
98/6/21	20	RB/ST	90	7.9	1,	42
98/6/21	20	RB/ST	95	9.6	1:	41
98/6/21	20	RB/ST	117	17.2	1	40
98/6/21	20	RB/ST	105	12.5	1:	39
98/6/21	20	RB/ST	122	21	1	38
98/6/24		CO	105	11.2		
98/6/24	21	CO	92	8.2		
98/6/24	21	L				
98/6/24	21	L				
98/6/24	21	RB/ST	121:	19.4	1:	49
98/6/24	21	RB/ST	110	14.2	1	48
98/6/24	21	RB/ST	· 105	13.2	11	50
98/6/24	21	RB/ST	69	2.7	2	2
98/6/24	21	RB/ST	122	18.7	1	47
98/6/24		RB/ST	100	10.2	2	1
98/7/9	22	СО	56	1.9	33978	29
98/7/9	22	co	115	15.3	33978	50
98/7/9	22	CO	31	0.2		
98/7/9	22					
98/7/9	22					
98/7/9	22	L			*	
98/7/9	22					
98/7/9	22			-	· · · · · · · · · · · · · · · · · · ·	
98/7/9	22					
98/7/9		RB/ST	78	5.4	2	3

Appendix 2. Field Data Sheets For All Rotary Screw Trap Settings Toboggan Creek,
1998

The secretary spaces

				Traj	Set D	ata					
	Date . 98/5/4	Time 10:30	Crew RS/MJ/	Temp.(C) Air Water	Cond.	рН	Turb.	Staff Gauge (cm)	Water Level M	Trap Perform.	Photo
Comm	ents:			Tra	o Checl	c Data					100
eck #	Date 98/5/4	Time 17:00	Crew RS/ML/M.	Temp. (C) Air Wate		рН	Turb.	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
Commer	nts: Obs	served 1 C er. Sever	0 ~ 100 mr	n escaped fro	m trap. w fish fer	6.7 No othence. Ba	r fish ob rry chec	68 served in ked trap a	trap. We	GOOD eather sunn and found t	y; no clou that the
eck #	Date 98/5/4	Time 23:00	Crew RS/MJ/	Temp. (C) Air Water	Cond.	рН	Turb.	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
ommen	nts: Ver	- Protestar and acceptance	oris present i	n box. Remo	ved debri	s. 2 lar	mpreys o		M n trap. 3	GOOD 5-40% of r	nain flow
	Date	Time	Crew	Temp. (C) Air Water	Cond.	рН	Turb.	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
3	98/5/5	4:00	ML/RS/				(cm)	Gauge (cm)	Level M	Perform.	Photos
3	98/5/5	4:00	ML/RS/	Air Water		s from I	(cm)	Gauge (cm)	Level M	Perform.	Photos
ack #	98/5/5	4:00	ML/RS/	Air Water	ved debri	s from I	(cm)	Gauge (cm)	Level M	Perform.	Photos



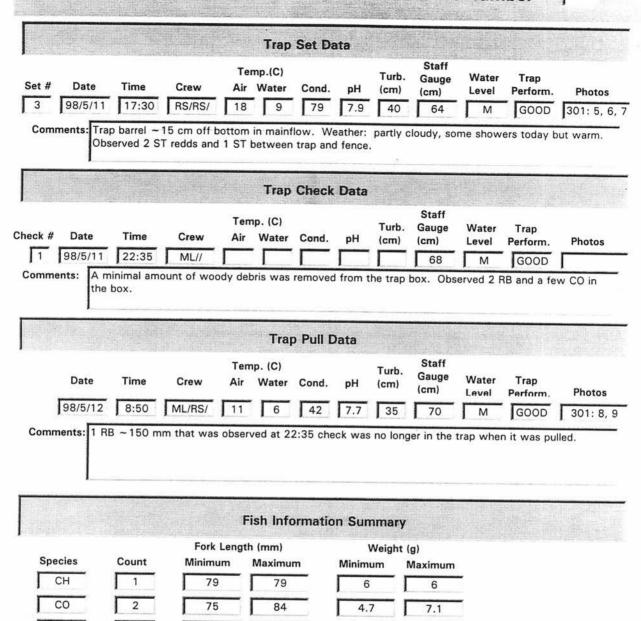
		Fork Leng	th (mm)	-Weight (g)		
Species	Count	Minimum	Maximum	Minimum	Maximum	
СН	4	81	88	5.9	8.5	
RB/ST	2	133	160	26.6	43.6	

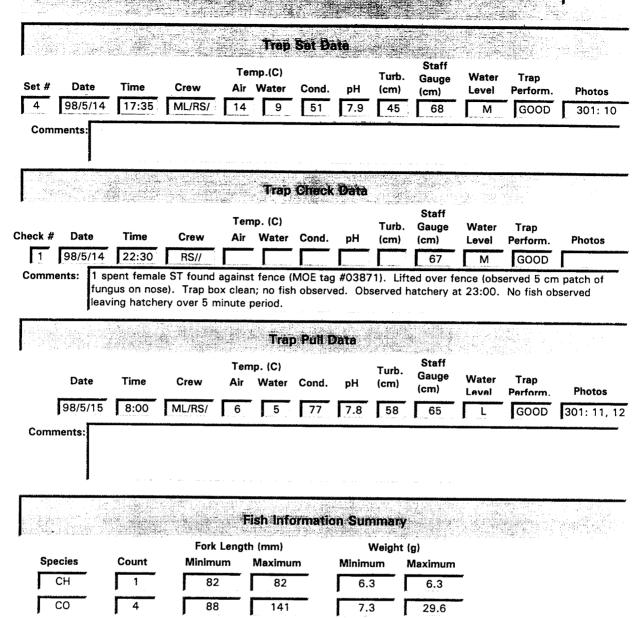
RB/ST

99

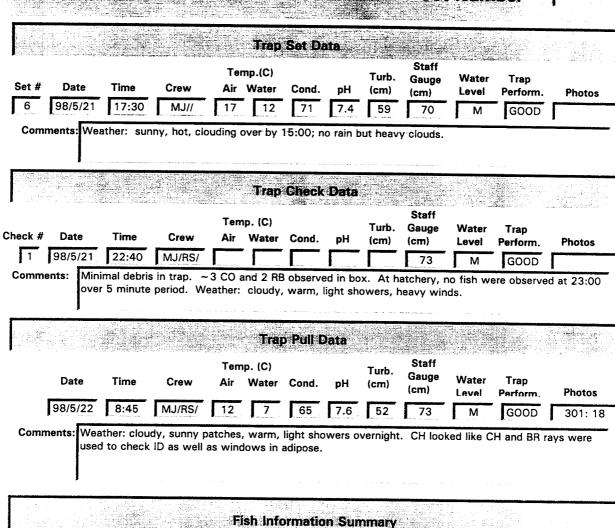
150

11.4





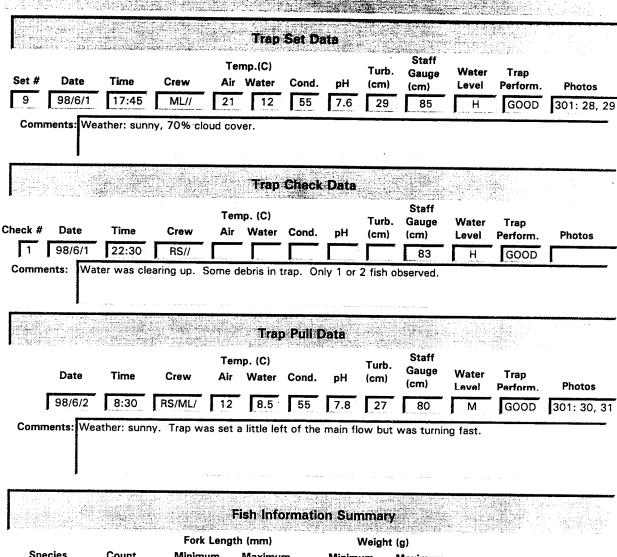
					Trap	Set D.	ata					
Set #	Date	Time	Crew		mp.(C) Water	Cond.	рН	Turb. (cm)	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
5	98/5/18	18:00	RS//	18	10	68	7.9	40	72	М	GOOD	301: 1
Com	ments: Trap clea	p set in m ar for fairly	ain flow. V high flow.	Veather	: clear w	vith clou	d patch	es (but o	cloudy mo	st of the	day). Mod	erately
					Trap	Check	Data					
eck #	Date	Time	Crew	Ten Air	np. (C) Water	Cond.	рН	Turb.	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
1	98/5/18	22:30	RS//						73	М	GOOD	
1,275	1000		Wife Silemin			as bened						
	Date	Time	Crew		Trap	Pull I		Turb.	Staff Gauge	Water	Trap	
Lanx J	Date 98/5/19	Time 8:45	Crew RS/MJ/		np. (C)		pH	Turb. (cm)		Water Level	Trap Perform.	Photos 301: 14
Comr	98/5/19 ments: Rele	8:45 eased 1 sp	RS/MJ/	Air 11 T (tag # fence.	np. (C) Water 7 (03853)	Cond.  44  over fer	pH 7.9	(cm) 43 mort. on	Gauge (cm)	Level	Perform.	301: 14
Comm	98/5/19 ments: Rele	8:45 eased 1 sp	RS/MJ/ ent male Si upstream of	Air 11 T (tag # fence.	7 7/03853)	Cond.  44  over fer	pH 7.9 7.9 nce. 1 i	(cm) 43 mort. on	Gauge (cm) 73 fence sir	Level	GOOD	301: 14
	98/5/19 ments: Rele	8:45 eased 1 sp	RS/MJ/ ent male Si upstream of	Air  11  T (tag # fence.	7 7/03853)	Cond.  44  over fer	pH 7.9 7.9 nce. 1 i	(cm) 43 mort. on	Gauge (cm) 73 fence sir	M nce 18:00	GOOD	301: 14
Spi	98/5/19 nents: Rele	8:45 pased 1 sp s holding to	RS/MJ/ ent male S' upstream of	Air 11 T (tag # Fence.	7 7 703853) ish Info	Cond.  44  over fer	pH 7.9 nce. 1 i	(cm) 43 mort. on nmary Weight	Gauge (cm) 73 fence sir	M nce 18:00	GOOD	301: 14
Spi	98/5/19 nents: Relekelts	8:45 eased 1 sp s holding to	RS/MJ/ ent male S' upstream of	Air 11 T (tag # Fence.	p. (C) Water 7 (03853) ish Info	Cond.  44  over fer	pH 7.9 nce. 1 n	(cm) 43 mort. on nmary Weight	Gauge (cm)  73 fence sir	M nce 18:00	GOOD	301: 1



		Fork Leng	gth (mm)	Weight (g)			
Species	Count	Minimum	Maximum	Minimum	Maximum		
СН	2	<b>7</b> 7	83	5.1	6.9		
СО	6	99	135	10.1	24.3		
CO-h	2						
RB/ST	1	122	122	20.3	20.3		

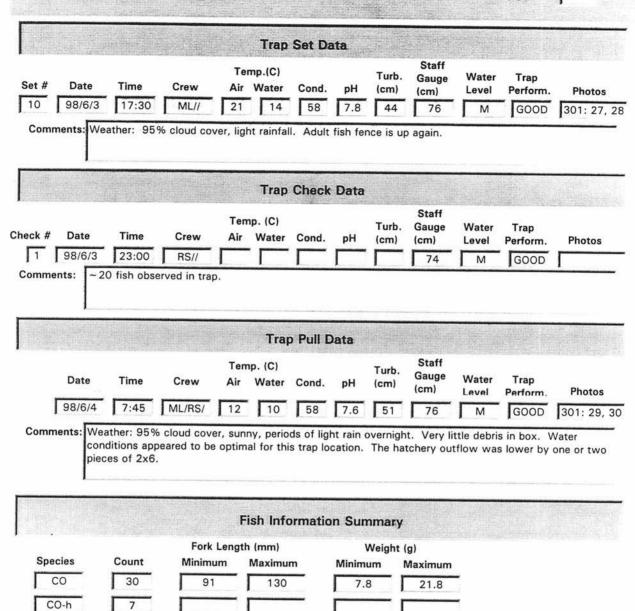
			7		Trap	Set D	sta .					
<b>Set</b> #	Date 98/5/25	Time 17:45	Crew	Air	mp.(C) Water	Cond.	рН	Turb.	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
	P	1	ML/RS/	18	<b>1</b> 9	61	7.6	34	82	М	GOOD	301: 19, 2
Com	ments: Rop amo	e on right ount of flo	bank shorte w. Adult fis	ened ~ sh fend	4 ft to ke	keep trap een remo	out of oved. V	main flo Veather:	ow, but tr 100% c	ap is still loud cove	catching a er and raini	significant ng.
					Trap	Check	Data					
eck #	Date	Time	Crew	Tem Air	np. (C) Water	Cond.	pН	Turb.	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
1	98/5/25	20:30	RS//						83	Н	GOOD	
eck #	ents:	Time	Crew	Tem Air	p. (C) Water	Cond.	рН	Turb.	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
2	98/5/26	0:15	MJ//		8			, C,	87	Н	GOOD	Filotos
eck#	Date	in. at 23:0	rum; modere 00 at hatche t rain all nig Crew	ery. @ ht.	02:30 s	Cond.	ge = 8	7.5 cm; Turb. (cm)	© 03:30 Staff Gauge (cm)	Staff gar Water Level	uge = 91 ( Trap Perform.	Photos
3	98/5/26	5:30	ML//						95	Н	GOOD	
omm	aebr	is than no	ked fish in t rmal was re on the adu	moved It fish f	from bo	O, 2 hat ox (5 or (	6 good	O (relea sized dip	o nets full	). @ 05:	A bit more 30 some la	woody arger debris
	Date	Time	Crew	Air	Water	Cond.	pН	(cm)	Gauge (cm)	Water Level	Trap Perform.	Photos
	98/5/26	7:00	ML/RS/	12	8	54	7.4	5	96	Н	GOOD	301: 21, 2:
Spe	ecies	Count	Minimu 89	rith cle	sh Into (mm) Maximur 89	es. High	n Sun Minimi	Imany Weight (um A	g) Maximum 7.4	p was pu	illed a bit ea ageous am	arlier than ount of
	co	34	68		156	<del></del>	3.4		38.7	_		
C	O-h	7					***************************************					
*		,	j	1						_		

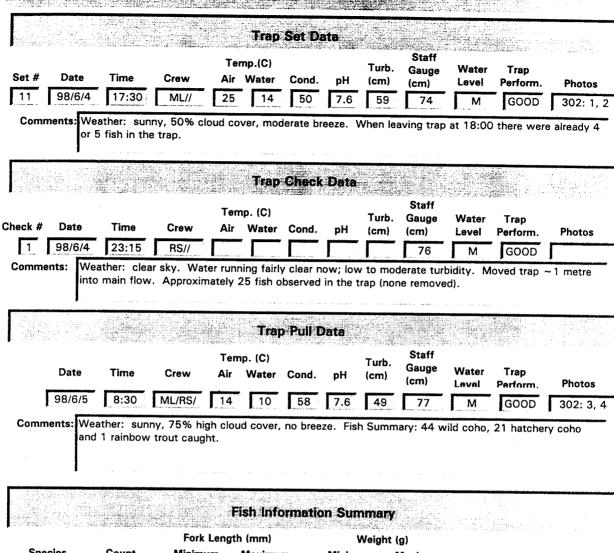
et # Date				Trap	Set D	ata					
		Crew		mp.(C) Water	Cond.	рН 7.5	Turb. (cm)	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
		out of main o				•		96	] н	GOOD	301: 23, 2
Joinnest S.	set slightly	out or main t	current ,	ciosesi	to right	bank.	Weathe	r: sunny,	10% clou	ud cover.	
				1000000						A DISSELLER SAN	
	Nothine Strain			Trap	Check	Data					
			Tem	p. (C)			Turb.	Staff Gauge	Water	T	
ck # Date	Time	Crew	Air	Water	Cond.	pН	(cm)	(cm)	Level	Trap Perform.	Photos
1 98/5/2	The state of the s							97	TH	GOOD	
mments:	8 fish obser	ved in trap. I	Minimal	debris	was floa	ting do	wn desp	ite high fl	ow.	A Property of the State of the	·
- 1											
			- H	-	-24 G			Staff			
ck # Date	Time	Crew		p. (C) Water	Cond	, LJ	Turb.	Gauge	Water	Trap	
2 98/5/2		_		vvater	Cona.	рН	(cm)	(cm)	Level	GOOD	Photos
mments:	Minimal woo nostly clear	ody debris in sky. Observ	box. W red 3 fis	eather: h leave	evidend the hat	ce of ra	in earlier t 1:45 ov	in evenin ver a 5 mi	g but cur inute peri	rently no ra od.	ain and
mments:	Minimal woo	ody debris in sky. Observ	box. W	sh leave	evidend the hate	chery a	in earlier t 1:45 ov	in evenin ver a 5 mi	g but cur inute peri	rently no ra od.	ain and
mments:	Minimal woo	ody debris in sky. Observ	ved 3 fis	th leave	the hate	chery a	1:45 ov	in evenin ver a 5 mi	g but cur inute peri	rently no ra	ain and
mments:	nostly clear	ody debris in sky. Observ	ved 3 fis	sh leave	Pull [	chery a	Turb.	ver a 5 mi Staff Gauge	nute peri	od. Trap	6 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
omments:	Time	sky. Observ	ved 3 fis	Traj	Pull [	Data	1:45 ov	ver a 5 mi	inute peri	od.	Photos 301: 25



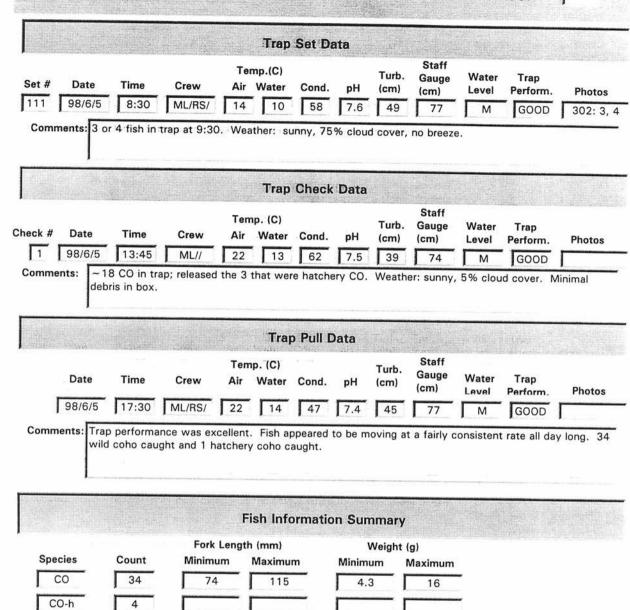
		Fork Leng	Weight (g)			
Species	Count	Minimum	Maximum	Minimum	Maximum	
СО	21	92	122	7.8	18.6	
CO-h	7					
	5			***************************************	<u></u>	

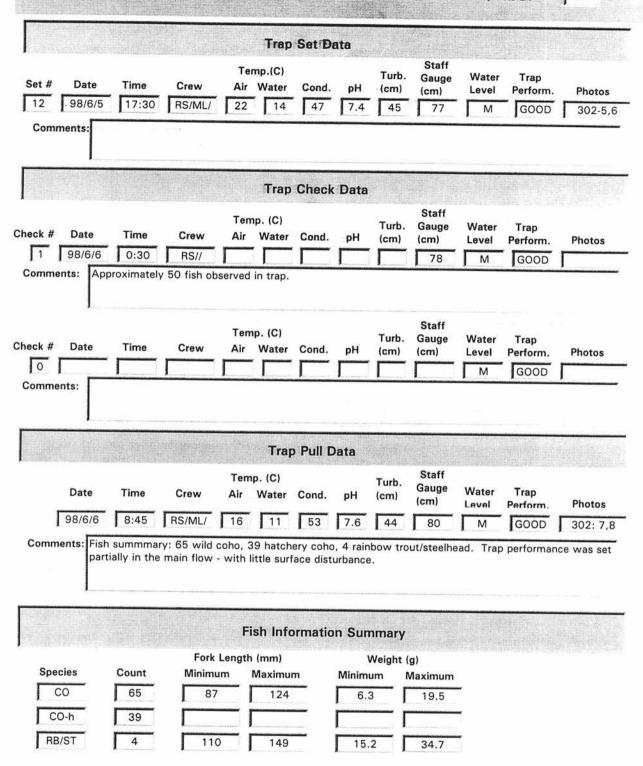
156





		Fork Leng	gth (mm)	Weight (g)		
Species	Count	Minimum	Maximum	Minimum	Maximum 20.9	
СО	44	85	130	6		
CO-h	21					
RB/ST	1	75	75	4.2	4.2	



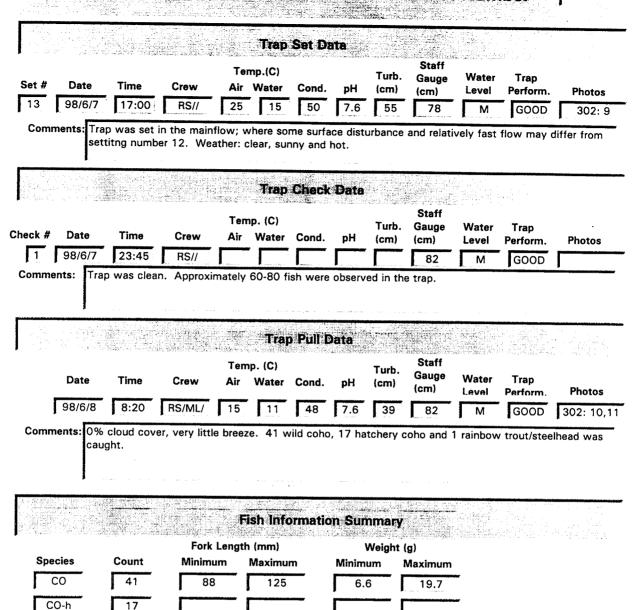


RB/ST

103

103

10.9



CO

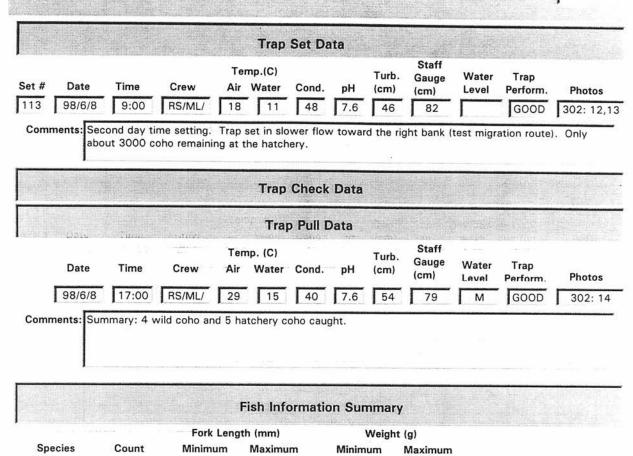
CO-h

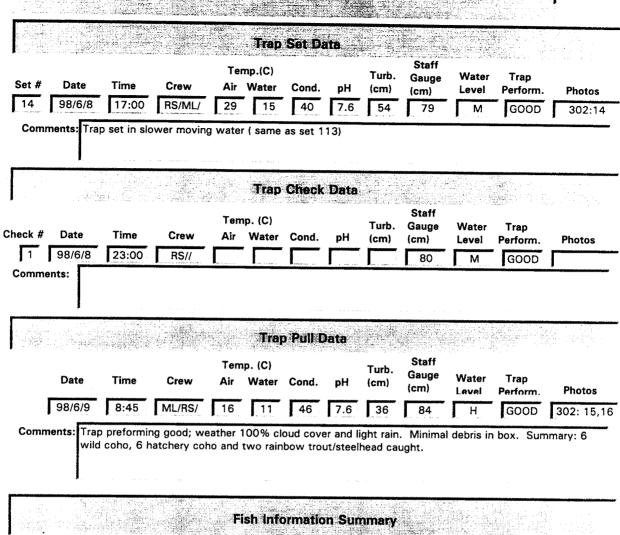
4

91

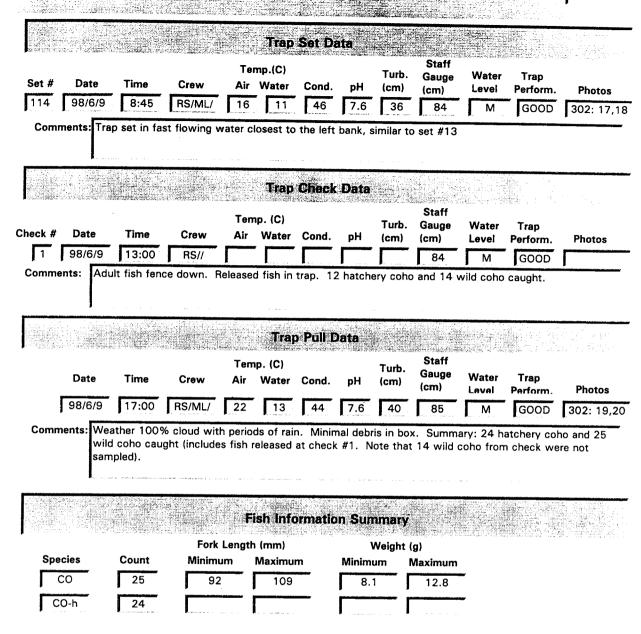
105

8.8





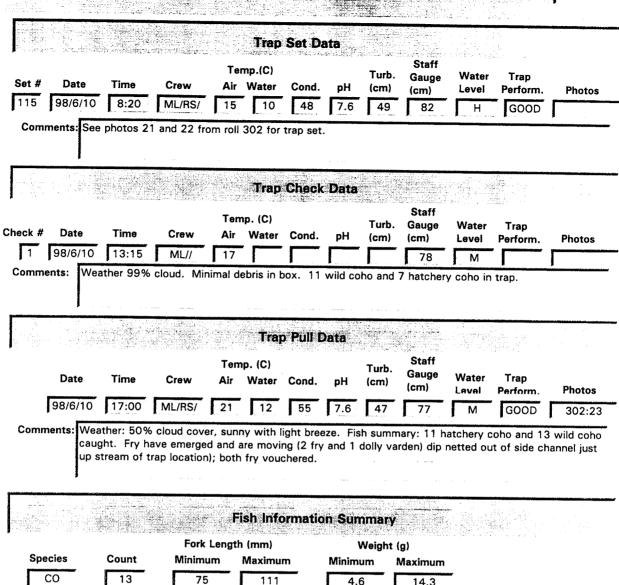
		Fork Leng	gth (mm)	Weig	ht (g)	
Species	Count	Minimum	Maximum	Minimum	Maximum	
СО	6	86	112	6.8	13.7	
CO-h	6					
RB/ST	2	90	138	7.8	30.6	



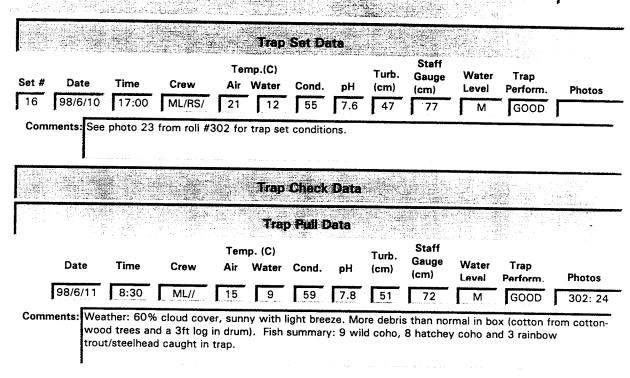
					Trap	Set D	ate.					
Set #	Date	Time	Crew		mp.(C) Water	Cond.	рН	Turb. (cm)	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
15	98/6/9	17:00	ML/RS/	22	13	44	7.6	40	85	Н	GOOD	
Comn	nents: Tra	p left in sa	me position	as sei	t #-114.	See se	t #114	for phot	os.	OLERN CONTRACTOR		
					Trap	Checl	c Data		Staff			
Check #	Date	Time	0		np. (C)			Turb.	Gauge	Water	Trap	
_		Time	Crew	Air	Water	Cond.	pH	(cm)	(cm)	Level	Perform.	Photos
1 Comme	98/6/9	19:20	ML// y 20 fish ob	L			<u>.</u>	1	85	H	GOOD	
Check #	Date 98/6/9	Time 20:30	Crew	Ten Air	np. (C) Water	Cond.	pН	Turb. (cm)	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
Check #	Date	Time	debris in bo I to be in th	e trap a	np. (C) Water	Cond.	pH	Turb. (cm)	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
Comme	98/6/9 nts: App	22:30 ears fish r	ML/RS/ may be mov	ing into	the scr	ew whe	n the bo	) ox is bei	84 ng fished		1	
12.2			ng (j Sellya)	GHT	Traj	oPull [	Data	in in the second				
	Date	Time	Crew		water	Cond.	рН	Turb. (cm)	Staff Gauge (cm)	Water Lavel	Trap Perform.	Photos
- 1	98/6/10	8:20	ML/RS/	15	10	48	7.6	49	82	Н	GOOD	302 21
Comm	ents: Wea	ther 1009 hery coho			ish inta		on Sun			ary: 14 w	rild coho ar	nd 14
Spec		Count	Minim	um	Maximu	m	Minim	_	Maximum			
C	0	14	85	_	106		6.	1	11.6	-		
C	O-h	14						— r		-		

CO-h

11



4.6

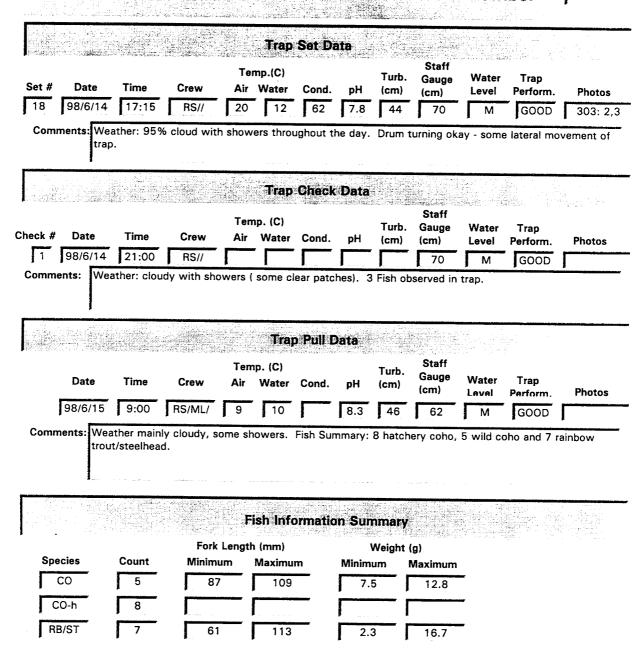


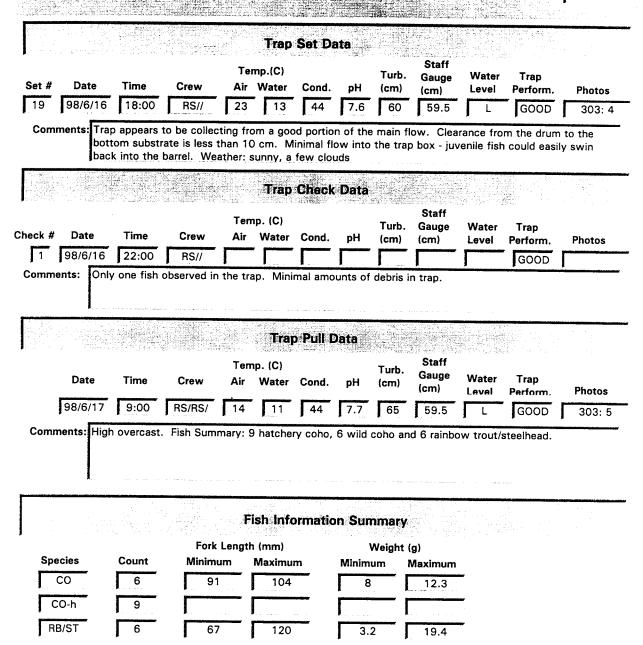
## Fish Information Summary

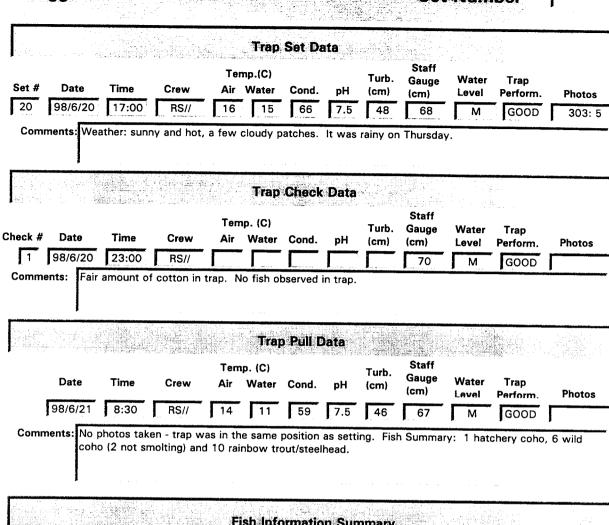
		Fork Leng	Weight (g)			
Species	Count	Minimum	Maximum	Minimum	Maximum	
СО	9	86	113	6.5	14.1	
CO-h	8		******			
RB/ST	3	68	182	3.5	62.2	

				Ter	np.(C)			Turb.	Staff Gauge	Water	Trap	
Set #	Date	Time	Crew		Water	Cond.	рН	(cm)	(cm)	Level	Perform.	Photos
<b>J</b>	98/6/12	17:00	ML//	23	13	61	7.7	57	62	М	GOOD	302: 2
Com	HOU	ather: 100 ceably slo er flow.	% cloud co wer than n	over. D ormal, d	rum only lue to lo	y has ab ower wa	out 10d ter leve	m of cle	earance fr escapeme	om subst ent may o	rate. Drum	is turning reduced
					Trap	Check	Data					
heck #	Date	Time	Crew	Ten Air	ip. (C) Water	Cond.	pН	Turb. (cm)	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
1	98/6/12	17:30	RS//						62	М	POOR	
heck #	Date	Time	Crew	Tem Air	p. (C) Water	Cond.	pН	Turb.	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
2	98/6/12	23:00	ML//			<b></b>		10,	63	M	GOOD	1110105
Comme	At II	east six the	sh observed			al debris						
	Date	Time	Crew	Tem Air	p. (C) Water	Cond.	pН	Turb. (cm)	Staff Gauge (cm)	Water Level	Trap Perform.	Photos
	98/6/13	8:20	ML/RS/	11	9	65	7.7	58	62	М	GOOD	303: 1
Comn	rainl	oow trout/	cloud cover steelhead a noticealby	and 2 la slower.	mprey c	aught.	Flow h	sh Sumr as dropp	may: 11 ped to low	hatchery r-moderat	coho, 3 wild e discharge	coho, 4 and the

		Fork Leng	gth (mm)	Weight (g)		
Species	Count	Minimum	Maximum	Minimum	Maximum	
CO	3	98	108	9.5	12.9	
CO-h	11					
L	2					
RB/ST	4	89	139	7	29.7	







## Fish Information Summary

		Fork Leng	yth (mm)	Weight (g)		
Species	Count	Minimum	Maximum	Minimum	Maximum	
CO	6	52	104	1.4	11.2	
CO-h	1					
RB/ST	10	65	122	3	21	

СО

RB/ST

92

69

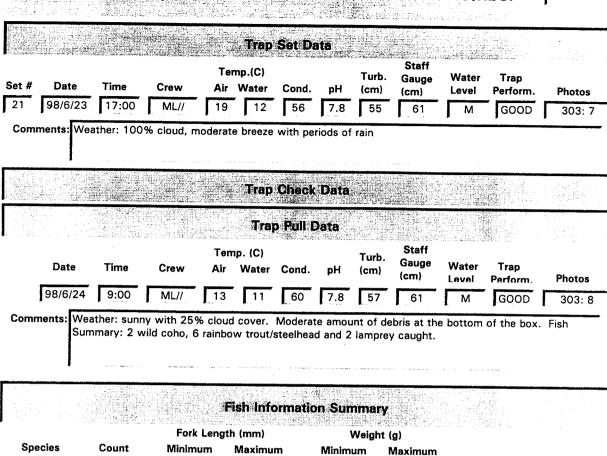
105

122

8.2

2.7

11.2



CO

L

RB/ST

3

6

31

78

115

78

0.2

5.4

15.3

