

Puget Sound Recreational Chinook Seasons 2017-18

Area	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
5			M M M	NR								M M M
6			M M M								M M M	
7			M M	NS NS	NS NS				M M	M M	M M	M M
81							M M	M M	M M	M M	M M	M M
82				NR NR	NR		M M	M M	M M	M M	M M	M M
9			M M	NR NR			M M			M M	M M	M M
10			NR	M M	NR NR	NR NR	NR NR		M M	M M		
11	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M
12 NoA				NR NR	NR NR		M M	M M	M M	M M	M M	M M
12 SoA			M M	M M	M M	M M	M M	M M	M M	M M	M M	M M
13	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M

Nooksack M	Skykomish M	Lake Sammamish NR	Nisqually M
Samish NS	Skagit/Cascade M	Puyallup M	Skokomish TBD
Elliot Bay NS	Sinclair Inlet M	Tulalip Bubble NS	Year-round piers NS
Duwamish NS			

NR Non-Retention
 NS non-sel
 M Mark selective
 Closed
 NR Shore Only

4/11/2017

Puget Sound Recreational Coho Seasons 2017-18

Area	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
5			M M M M									NR NR NR
6			M M M								NR NR NR	
7			NR NR	NR NR	NR NR				NR NR	NR NR	NR NR	NR NR
81							NR NR	NR NR	NR NR	NR NR	NR NR	NR NR
82				M M M			NR NR	NR NR	NR NR	NR NR	NR NR	NR NR
9			M M	M M			NR NR		NR NR	NR NR	NR NR	NR NR
10			M M	M M	M M	M M	M M	M M	M M	M M		
11	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	M M	M M
12 NoA				NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS
12 SoA			NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS
13	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M

Dungeness M	Cascade 	Lake Sammamish NS	Nisqually NS
Nook/Samish M	Stillaguamish 	Green NS	Quilcene NS
Skagit 	Snohomish NS	Puyallup NS	Skokomish TBD
	Lake WA NS		Year round piers NS
			Tulalip NS
			Sinclair Inlet M

NR Non-Retention
 NS non-sel
 M Mark Selective
 Closed
 M Shore only MSF

4/11/2017

Table 2A. Model projected impact rates relative to 2015 ESA conservation objectives.

Model Run Name: SLC-Chin2017 Run Date & Time: 04/10/17 23:41

DRAFT	Model Run Guideline Summary*				
	ER Limit	Model ER Projection	Difference (Limit - Model)	ER Limit Type	Comments
<u>Spring/Early Stocks:</u>					
Nooksack	10.0%	10.0%	0.0%	SUS	
Skagit	38.0%	22.9%	15.1%	Total	
White	22.0%	17.7%	4.3%	SUS	
Dungeness	6.0%	6.0%	0.0%	SUS	
<u>Summer/Fall Stocks:</u>					
Skagit	50.0%	36.3%	13.7%	Total	
Stillaguamish	15.0%	11.9%	3.1%	SUS	
Snohomish	15.0%	7.0%	8.0%	SUS	
Lake WA (Cedar R.)	20.0%	20.0%	0.0%	SUS	
Green	12.0%	9.9%	2.1%	PT SUS	
Puyallup	50.0%	49.5%	0.5%	Total	
Nisqually	47.0%	47.0%	0.0%	Total	
Western Strait-Hoko	10.0%	1.9%	8.1%	SUS	
Elwha	10.0%	6.3%	3.7%	SUS	
Mid-Hood Canal tribs.	12.0%	11.1%	0.9%	PT SUS	
Skokomish	50.0%	47.5%	2.5%	Total	

*ER Limit Definitions

- (1) Exploitation Rate (ER): the fraction of total mortality (i.e., in fisheries and on spawning grounds) that occurs in fisheries; fishery mortality includes landed and non-landed components and accounts for the likelihood that a fish, had it not been killed in a fishery, would have survived to maturity
- (2) Total ER: The exploitation rate across all fisheries, Alaska, Canada, Southern US, freshwater and marine.
- (3) Southern US ER (SUS): The exploitation rate across all fisheries, excluding mortality in Canadian and Alaskan fisheries.
- (4) Preterminal Southern US ER (PT SUS): The SUS ER excluding fishing mortality in terminal net and freshwater sport and net fisheries.

Table 2. Total, southern US (SUS), and SUS preterminal (PT) exploitation rates (ER) and natural escapements of Puget Sound chinook stocks (MSF compatible Management criteria are: LAT = Low Abundance Threshold, ERC = ER Ceiling, and CERC = Critical ER Ceiling.

Stock	Model Prediction				Management Criteria					
	Tot. ER	SUS ER	PT ER	Escapement	ment LAT	ERC	ERC type	CERC	CERC type	Notes
Spring/Early:										
Nooksack (n) - Total	30.8%	<u>10.0%</u>	5.5%	227	2,000	10%	SUS	10%	SUS	Can be >7% but <9% in 1/5 years; last year >7%, 2011
North Fork				177	1,000					
South Fork				49	1,000					
Skagit (n) - Total	<u>22.9%</u>	16.1%	2.6%	2,388	576	38%	Total	18%	SUS	
Upper Sauk				1,389	130					
Upper Cascade				346	170					
Suiattle				653	170					
White	21.9%	<u>17.7%</u>	5.7%	1,489	200	22%	SUS	15%	SUS	
Dungeness	20.7%	<u>6.0%</u>	5.7%	364	500	10%	SUS	6%	SUS	
Summer/Fall:										
Skagit - Total	<u>36.3%</u>	14.2%	5.0%	14,998	4,800	50%	Total	17%	SUS	CERC = 17%/15% odd/even years
Upper Skagit				11,440	2,200					
Sauk				666	400					
Lower Skagit				2,506	900					
Stillaguamish (n) - Total	22.4%	<u>11.9%</u>	5.6%	221	700	25%	Total	15%	SUS	
North Fork Summer				176	500					
South Fork Fall				45	200					
Snohomish (n) - Total	14.5%	<u>7.0%</u>	5.4%	3,308	2,800	21%	Total	15%	SUS	**Can manage to CERC b/c North ER > (ERC-CERC)
Skykomish				2,689	1,745					
Snoqualmie				619	521					
Lake Wa. (Cedar R.)	30.8%	<u>20.0%</u>	9.9%	1,080	200	20%	SUS	10%	PT SUS	
Green	41.4%	30.6%	<u>9.9%</u>	5,847	1,800	15%	PT SUS	12%	PT SUS	
Puyallup	<u>49.5%</u>	38.7%	9.9%	1,092	500	50%	Total	12%	PT SUS	
Nisqually	<u>47.0%</u>	39.1%	12.5%	1,128	700	47%	Total	21%	50% red. SUS	
Western Strait-Hoko	21.5%	<u>1.9%</u>	1.9%	1,246	500	10%	SUS	6%	SUS	
Elwha	21.5%	<u>6.3%</u>	6.2%	2,621	1,000	10%	SUS	6%	SUS	LAT 500 N+500 H
Mid-Hood Canal tribs. (n)	21.3%	11.3%	<u>11.1%</u>	330	400	15%	PT SUS	12%	PT SUS	
Skokomish	<u>47.5%</u>	37.6%	11.5%	1,330	800	50%	Total	12%	PT SUS	LAT also incl. 500 to hatch.

SRFI = 0.48 (0.70 ceiling)
Lower Col Nat Tule ER = .369 (0.41 ceiling)

FRAM Version: 2.17
FRAM Description: SLC-Chin2017

TABLE 6A. Guidelines And Predicted Exploitation Rates For KEY NATURAL PUGET SOUND Chinook Stocks

Table 6 Natural

04/11/17

FRAM Run Number:

SLC-Chin2017

12:41 AM

Version: 2.17

STOCK->	Skagit S/F Nat		Stillaguamish Summer/Fall		Skykomish S/F Nat		Nooksack Early		Skagit Spring		
Predicted ER - Tot	36.3%		22.4%		14.5%		30.8%		22.9%		
Predicted ER - S.US	14.2%		11.9%		7.0%		10.0%		16.1%		
Predicted ER -PT S.US	5.0%		5.6%		5.4%		5.5%		2.6%		
FISHERY AGGREGATE	%Mort	ER	%Mort	ER	%Mort	ER	%Mort	ER	%Mort	ER	
Alaska	18.6%	6.8%	5.8%	1.3%	1.9%	0.3%	9.6%	3.0%	1.2%	0.3%	
Canada:	42.2%	15.3%	40.9%	9.2%	50.1%	7.3%	57.9%	17.9%	28.5%	6.5%	
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
S. Of Falcon Ocean											
NOF Ocean Troll:	NT	0.6%	0.2%	0.2%	0.0%	2.8%	0.4%	0.5%	0.1%	0.0%	0.0%
	T	1.2%	0.4%	2.4%	0.5%	4.1%	0.6%	7.7%	2.4%	2.7%	0.6%
NT NOF Ocean & Buoy 10 Spt		1.6%	0.6%	0.8%	0.2%	1.0%	0.1%	0.6%	0.2%	0.1%	0.0%
Pgt Snd Trty Troll		1.3%	0.5%	5.9%	1.3%	4.0%	0.6%	1.8%	0.5%	1.2%	0.3%
Pgt Snd 6 Sport		0.9%	0.3%	1.4%	0.3%	0.8%	0.1%	0.9%	0.3%	0.6%	0.1%
Pgt Snd 5 Sport		0.5%	0.2%	2.0%	0.4%	3.9%	0.6%	1.0%	0.3%	0.7%	0.1%
Pgt Snd 7 Sport		3.6%	1.3%	5.2%	1.2%	6.4%	0.9%	2.8%	0.9%	2.1%	0.5%
Pgt Snd 8-13 Sport		1.1%	0.4%	6.5%	1.5%	11.8%	1.7%	2.7%	0.8%	1.9%	0.4%
Out-of-Region \1 Net:	NT	1.7%	0.6%	0.2%	0.0%	1.0%	0.1%	0.0%	0.0%	0.8%	0.2%
	T	1.3%	0.5%	0.3%	0.1%	1.6%	0.2%	0.0%	0.0%	1.4%	0.3%
Local Terminal Net:	NT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	T	0.3%	0.1%	3.4%	0.8%	2.3%	0.3%	0.1%	0.0%	1.1%	0.3%
Freshwater Sport:	NT	0.4%	0.1%	2.7%	0.6%	8.2%	1.2%	0.0%	0.0%	3.1%	0.7%
Freshwater Net:	T	18.1%	6.6%	22.5%	5.0%	0.0%	0.0%	14.4%	4.5%	47.9%	11.0%
Freshwater Test		6.6%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.8%	1.6%

STOCK->	White River Spring		Nooksack N&H Summer/Fall		Tulalip Summer/Fall		Mid Hood Cnl. Natural		Skokomish Natural		
Predicted ER - Tot	21.9%		73.1%		86.5%		21.3%		47.5%		
Predicted ER - S.US	17.7%		64.4%		54.9%		11.3%		37.6%		
Predicted ER -PT S.US	5.7%						11.1%		11.5%		
FISHERY AGGREGATE	%Mort	ER	%Mort	ER	%Mort	ER	%Mort	ER	%Mort	ER	
Alaska	1.1%	0.2%	0.3%	0.2%	0.8%	0.7%	2.0%	0.4%	0.9%	0.4%	
Canada:	18.1%	4.0%	11.1%	8.5%	35.7%	30.9%	44.8%	9.5%	19.9%	9.5%	
S. Of Falcon Ocean	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	1.5%	0.3%	0.7%	0.3%	
NOF Ocean Troll:	NT	0.3%	0.1%	2.9%	2.2%	0.0%	0.0%	8.0%	1.7%	3.6%	1.7%
	T	5.5%	1.2%	4.7%	3.5%	4.9%	4.2%	14.9%	3.2%	6.7%	3.2%
NT NOF Ocean & Buoy 10 Spt		2.0%	0.4%	1.2%	0.9%	0.9%	0.8%	5.1%	1.1%	2.3%	1.1%
Pgt Snd Trty Troll		1.0%	0.2%	0.8%	0.6%	1.8%	1.6%	2.7%	0.6%	1.2%	0.6%
Pgt Snd 6 Sport		1.3%	0.3%	1.6%	0.3%	0.7%	0.6%	2.6%	0.6%	1.2%	0.6%
Pgt Snd 5 Sport		0.5%	0.1%	1.5%	0.3%	0.7%	0.6%	1.7%	0.4%	0.7%	0.4%
Pgt Snd 7 Sport		0.9%	0.2%	4.0%	1.4%	2.9%	2.5%	2.3%	0.5%	1.0%	0.5%
Pgt Snd 8-13 Sport		11.1%	2.4%	2.3%	0.6%	5.2%	4.5%	7.6%	1.6%	4.5%	2.1%
Out-of-Region \1 Net:	NT	2.3%	0.5%	1.1%	0.5%	0.5%	0.4%	1.2%	0.3%	0.5%	0.3%
	T	1.2%	0.3%	1.0%	0.6%	0.7%	0.6%	4.4%	0.9%	1.9%	0.9%
Local Terminal Net:	NT	0.0%	0.0%	14.8%	11.6%	0.0%	0.0%	0.4%	0.1%	0.2%	0.1%
	T	0.0%	0.0%	31.8%	25.4%	45.2%	39.1%	0.9%	0.2%	22.4%	10.6%
Freshwater Sport:	NT	0.0%	0.0%	15.5%	11.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Freshwater Net:	T	54.7%	12.0%	5.4%	4.4%	0.0%	0.0%	0.0%	0.0%	32.3%	15.4%
Freshwater Test		0%	0.0%					na	na	na	na

TABLE 2A: COHO FISHERY IMPACT SUMMARY HIGHLIGHTS

04/10/17

Estimated fishery impacts from regulations described by the following FRAM run:

11:46 PM

FRAM Run Number: bc-Coho1731

Run Description: STT 4/10 w/Ocean+NOF agreed

Impacts are expressed as total fishery-related mortality, incl. landed catch, non-retention mort., and other fishery-related mort.

FISHERY	SKAGIT Wild	STILLY Wild	SNOHOM Wild	HOOD CANAL Wild	JUAN DE FUCA TRIBS Wild
Projected Spawning Escapement	9,948	6,976	91,065	68,966	12,437
Spawning Low/Normal Esc. Breakpoint	25,000	10,000	50,000	14,350	11,000
Projected Exploitation Rate (all fisheries)	11.1%	8.5%	15.2%	40.4%	4.9%
Exploitation Rate Ceiling (updated annually)	9%	8.2%	40%	65%	40%
Exploitation in Southern U.S. Fisheries	9.0%	7.5%	14.2%	38.5%	3.1%
CANADIAN					
ALASKA	237	77	1,102	2,159	159
S. of Falcon Troll	4	3	36	64	13
S. of Falcon Sport	4	3	54	45	37
NORTH OF CAPE FALCON OCEAN:					
Treaty Troll	138	61	864	1,428	124
NT Troll N. Leadbtr	16	13	169	262	15
NT Troll S. Leadbtr	8	6	85	65	11
Sport: Area 1	3	1	18	38	4
Buoy 10	0	0	0	11	0
Area 2	11	6	81	150	14
Area 3	2	1	20	39	3
Area 4 *	26	10	137	293	8
PUGET SOUND:					
Treaty Troll	4	4	53	71	4
Sport: Areas 5	55	18	251	723	46
Area 6	2	1	9	34	2
Area 7	9	1	17	26	0
Area 8-1,2	1	2	37	9	0
Area 9	21	8	115	429	1
Area 12	0	0	0	2,460	0
Area 10	20	5	71	993	2
Area 11	5	3	45	350	0
Area 13	3	0	1	13	0
Freshwater Sport	0	1	7,067	104	0
Pre-terminal net:					
6/7/7A NTrty	39	4	52	98	15
6/7/7A Trty	76	7	98	193	31
4B/5/6C NTrty	0	0	0	0	0
4B/5/6C Trty	8	5	66	166	31
	--	--	--	--	--
	--	--	--	--	--
Terminal net:					
Skagit Bay (8) NTrty	0	0	0	0	0
Skagit Bay (8) Trty	0	0	0	0	0
Area 8A Ntrty	0	0	0	0	0
Area 8A Trty	61	98	3,107	98	0
Hood Canal NTrty	2	1	24	7,571	15
Hood Canal Trty	5	4	54	20,402	27
South Pgt Snd NTrty	1	1	12	161	1
South Pgt Snd Trty	10	6	87	1,156	5
B'ham Bay(7B) Ntrty	11	1	11	4	0
B'ham Bay(7B) Trty	51	3	48	17	0
Local Extreme Terminal Net:					
Nontreaty	0	33	465	705	0
Treaty	210	260	2,063	6,391	0
Test	200	n/a	n/a	n/a	n/a

TABLE 2C: COHO FISHERY IMPACT SUMMARY HIGHLIGHTS

Estimated fishery impacts from regulations described by the following FRAM run:

FRAM Run Number: bc-Coho1731

04/10/17

Run Description: STT 4/10 w/Ocean+NOF agreed

11:46 PM

Impacts are expressed as total fishery-related mortality, incl. landed catch, non-retention mort., and other fishery-related mort. Trty/NonTrty splits are NOT based on CWT recovery data.

FISHERY	QUIL FALL		HOH		QUIL FALL H&W		QUEETS		QUEETS		GRAYS HARBOR			WILLAPA BAY
	Wild	Wild	Marked	UnMarked	Wild	Hatchery	Marked	UnMarked	Wild	Marked	UnMarked	Wild		
Projected Ocean Escapement	15,304	5,689	14,102	17,662	5,819	10,602	9,104	7,317	47,872	27,303	53,844	34,425		
Spawning Escapement Objective	6,300	2,000			5,800				35,400					
Projected Marine Exploitation Rate	3%	8%			9%				4%					
Projected Exploitation Rate (all fisheries)	40%	35%			22.1%				29%					
Exploitation in Southern U.S. Marine Fisheries	3%	6%			7%				3%					

CANADIAN	70	104	205	79	143	835	799	178	433	800	487			
ALASKA	11	25	11	14	12	23	21	16	219	127	246			
S. of Falcon Troll	37	17	35	42	27	55	48	34	40	24	45			
S. of Falcon Sport	25	22	106	29	45	250	239	58	178	211	200			
NORTH OF CAPE FALCON OCEAN:														
Treaty Troll	180	174	169	207	128	251	218	162	516	299	581			
NT Troll N. Leadbtr	68	40	139	78	64	233	216	81	97	140	108			
NT Troll S. Leadbtr	20	22	35	23	28	89	82	35	89	89	100			
Coastal terminal area "dip-ins"	71	34	66	81	185	481	412	254	288	161	323			
Sport: Area 1	17	9	75	19	24	201	195	30	70	197	79			
Buoy 10	2	1	9	2	2	12	12	2	14	38	16			
Area 2	37	42	166	42	61	517	501	77	243	670	273			
Area 3	4	6	20	5	6	48	47	7	10	27	11			
Area 4 *	13	12	57	14	12	103	100	15	19	55	22			
PUGET SOUND CATCHES:														
Treaty Troll	0	0	0	0	0	0	0	0	1	0	1			
Sport: Areas 5	18	13	111	20	9	107	105	12	19	75	22			
Area 6	0	0	1	0	0	1	1	0	0	0	0			
Areas 7-13	3	10	3	3	0	3	2	1	0	0	0			
Nontreaty Net	1	0	1	1	7	14	11	9	4	2	4			
Treaty Net	4	3	4	4	18	36	31	24	15	9	17			
LOCAL TERMINAL														
Nontreaty Net	--	--	--	--	--	--	--	--	1604	----->	----->			
Treaty Net	4866	1464	----->	----->	680	4463	----->	----->	6305	----->	----->			
Sport	858	209	----->	----->	3	209	----->	----->	4342	----->	----->			

* Area 4 Sport numbers include 4B add-on, if any, and a number of fish caught on Canadian licenses in areas 4 and 4B.

50,127

FRAM assumes that there are no changes in the relative exploitation rates of model stocks estimated from the base period (1986-91). The possibility exists that with the changes to the structure of a fishery the relative exploitation rates of the stock may change as well, though an analysis of the data has yet to be done.

TABLE 2D: COHO FISHERY IMPACT SUMMARY HIGHLIGHTS

Estimated fishery impacts from regulations described by the following FRAM run:

04/10/17

FRAM Run Number: bc-Coho1731

11:46 PM

Run Description: STT 4/10 w/Ocean+NOF agreed

Impacts are expressed as total fishery-related mortality, incl. landed catch, non-retention mort., and other fishery-related mort. Trty/NonTrty splits are NOT based on CWT recovery data.

FISHERY	SOUTH PUGET SOUND			SOUTH PUGET TOTAL	NOOKSACK-SAMISH			NOOKSACK TOTAL
	Wild	Marked	UnMarked		Wild	Marked	UnMarked	
Projected Spawning Escapement	9,597	36,563	11,754	48,317	5,658	9,571	6,424	15,995
Spawning Escapement Objective	n/a				n/a			
Projected Exploitation Rate (all fisheries)	52.8%				57.6%			
Exploitation in Southern U.S. Fisheries	51.6%				54.3%			
CANADIAN	248	5,574	306	5,880	437	7,199	524	7,723
ALASKA	1	6	1	7	3	7	3	10
S. of Falcon Troll	9	44	12	56	5	14	5	19
S. of Falcon Sport	10	143	13	156	3	56	6	62
NORTH OF CAPE FALCON OCEAN:								
Treaty Troll	228	1,038	281	1,319	159	469	190	659
NT Troll N. Leadbtr	32	351	40	391	13	87	16	103
NT Troll S. Leadbtr	13	94	16	110	3	17	4	21
Sport: Area 1	5	115	7	122	2	32	3	35
Buoy 10	0	3	0	3	0	2	0	2
Area 2	20	444	25	469	12	167	14	181
Area 3	4	77	4	81	3	46	4	50
Area 4 *	40	872	49	921	29	413	34	447
PUGET SOUND:								
Treaty Troll	6	26	7	33	1	2	1	3
Sport: Areas 5	88	2,662	109	2,771	47	920	56	976
Area 6	3	83	4	87	2	32	2	34
Area 7	4	17	5	22	17	50	20	70
Area 8	0	53	6	59	0	0	0	0
Area 9	58	1,058	72	1,130	1	6	1	7
Area 12	0	0	0	0	84	245	100	345
Area 10	306	6,347	673	7,020	3	45	4	49
Area 11	620	1,470	381	1,851	0	0	0	0
Area 13	55	596	60	656	0	0	0	0
Freshwater Sport	1,955	7,134	2404	9,538	316	2,321	362	2,683
Pre-terminal net:								
6/7/7A NTrty	27	128	34	162	225	659	270	929
6/7/7A Trty	54	226	66	292	472	1,281	566	1,847
4B/5/6C NTrty	0	0	0	0	0	0	0	0
4B/5/6C Trty	17	74	21	95	6	16	7	23
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Terminal net:								
Skagit Bay (8) NTrty	0	0	0	0	0	0	0	0
Skagit Bay (8) Trty	0	0	0	0	0	0	0	0
Area 8A Ntrty	0	0	0	0	0	0	0	0
Area 8A Trty	51	215	63	278	2	6	3	9
Hood Canal NTrty	42	173	52	225	4	10	5	15
Hood Canal Trty	83	352	105	457	7	18	8	26
South Pgt Snd NTrty	106	464	134	598	2	4	2	6
South Pgt Snd Trty	1,330	10,578	1660	12,238	9	25	11	36
B'ham Bay(7B) NTrty	4	19	6	25	1,198	3,517	1,448	4,965
B'ham Bay(7B) Trty	20	86	25	111	2,911	8,522	3,520	12,042
Local Extreme Terminal Net:								
Nontreaty	n/a			n/a	n/a			n/a
Treaty	5,279	21500	6743	28,243	1,721	7969	2370	10,339
Test	19				n/a			n/a