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State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): Seward B-3

Anadromous Waters Catalog Number of Waterway: 226-20-16210

Name of Waterway: Totemoff Creek ☑ USGS Name ☐ Local Name

☐ Addition ☐ Deletion ☐ Correction ☑ Backup Information

For Office Use

Nomination # 100167

Revision Year: 2011

Revision to: Atlas ____ Catalog ____ Both ____

Revision Code: F-1

	Date
Fisheries Scientist	
Habitat Operations Manager	
AWC Project Biologist	19Feb10
Cartographer	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Pink	1979-2006			X	☑
Chum	1979-2006			X	☑
					☐
					☐
					☐

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Aerial surveys have been conducted on this system since 1979 and observers have documented the presence of chum and pink salmon. See the attached aerial survey spreadsheets for substantiation.

Ocn1 # 621

Name of Observer (please print): Cordova CF Staff Date: ____

Signature: Alaska Department of Fish & Game

Agency: PO Box 669

Address: Cordova, AK 99574

Date: 11/2/2009

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: ____ Date: ____

Name of Area Biologist (please print):

Revision 05/08

PINK SALMON

Area under the curve totals by District, Subdistrict, and Stream, 1979-2006. These totals are NOT adjusted for stream life or observer efficiency

Index Stream? 1 (1= index Stream and 0 = non index stream)

Sum of P_AUC			Year																												
District	SubDist	Stream	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
222	20	263	NA	0	4,100	14,080	910	36,150	1,800	3,198	2,415	61,675	1,793	41,169	19,760	29,505	28,838	12,253	14,550	42,325	10,500	5,255	35,860	2,985	5,967	1,174	80,850	137,070	253,700	77,525
		264	346,250	236,900	415,800	472,950	128,800	943,500	228,835	402,575	70,100	77,350	37,550	146,740	119,861	77,035	66,982	444,275	41,230	476,250	103,325	350,650	161,850	403,700	291,850	138,250	401,000	188,525	369,100	324,700
		265	1,213	32,730	333	46,690	5,013	280,575	12,550	15,715	1,901	57,630	1,740	68,485	10,443	29,202	5,825	140,270	6,403	60,246	2,316	53,154	4,862	47,108	9,393	21,400	38,100	23,780	166,700	84,255
		12565	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24,630	2,700	3,940	16,675	1,392	10,410	18,400	21,650	22,200	34,450	41,050	31,125	162,300	87,500	497,000	96,250
	30	234	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		273	NA	0	0	47,050	0	128,990	27,200	74,330	675	99,640	4,650	98,000	17,113	42,965	6,906	36,110	34,690	55,410	4,940	45,160	10,550	40,631	33,450	36,040	94,470	38,917	202,140	30,530
		276	0	28,290	0	73,128	210	191,200	52,550	81,735	15,490	166,635	28,450	278,268	82,437	104,775	12,850	67,920	16,715	90,555	21,075	97,450	6,000	114,145	106,145	37,295	190,850	60,138	165,750	28,465
		277	0	2,245	0	2,405	0	22,560	3,480	2,830	1,880	9,845	1,693	18,509	2,775	7,163	4,050	5,857	3,098	1,995	459	960	1,180	1,338	2,075	4,470	12,450	1,720	74,725	1,680
		278	0	8,225	0	35,200	176	40,325	10,575	19,275	8,995	5,890	3,030	19,110	7,440	11,670	2,700	17,220	1,826	45,925	585	25,450	6,300	15,725	9,609	14,750	22,590	4,950	138,100	31,925
		279	0	76,100	0	43,100	20,500	170,500	41,200	94,550	60,020	130,020	28,970	192,755	127,809	94,955	63,212	248,010	40,810	96,420	3,210	33,860	23,620	42,630	73,634	40,940	116,830	53,575	503,225	128,390
		282	0	53,900	0	61,600	240	421,600	44,150	70,275	11,400	70,700	375	79,650	11,920	15,630	3,345	59,425	14,110	164,650	11,600	181,500	30,600	45,125	47,155	81,450	72,500	111,025	226,900	100,778
		283	0	64,275	0	62,700	360	348,075	45,150	46,088	15,240	72,250	0	29,933	13,600	8,278	5,590	33,680	21,383	72,350	13,440	74,000	17,800	32,250	53,705	12,100	38,750	121,825	390,900	123,700
		289	NA	NA	0	30,125	0	63,020	0	4,135	35,020	7,135	176,400	30,250	88,846	213	52,925	27,610	99,768	25,035	58,150	9,575	123,470	4,810	239,750	23,665	189,470	55,563	1,156,800	11,733
223	10	414	885	41,095	3,773	38,840	8,355	148,575	1,400	13,390	0	14,800	740	26,517	6,200	3,950	27,009	13,073	8,030	23,900	420	7,035	1,770	4,763	8,150	1,492	7,760	8,900	77,710	27,255
		417	0	0	4,400	6,988	92,150	141,225	56,000	10,385	9,790	2,888	5,125	215	9,340	0	999	1,503	2,370	3,484	160	688	80	0	105	0	3,216	6,075	123,375	3,056
		421	15,350	148,525	70,110	112,375	118,880	525,031	101,900	276,845	48,200	94,225	1,475	33,650	45,125	43,015	127,010	195,100	13,195	158,175	34,925	57,400	46,450	182,450	116,290	46,175	334,400	187,725	473,750	474,600
		424	1,310	27,475	9,438	13,475	6,600	236,150	2,350	3,925	1,500	8,325	400	15,953	41,008	6,215	11,190	16,088	810	16,175	925	22,760	1,114	11,738	7,810	20,825	39,525	22,935	367,300	62,325
		425	480	172,900	2,005	74,000	26,150	366,500	22,400	58,035	7,335	36,813	5,600	59,538	15,160	35,720	48,040	92,550	4,303	67,325	1,735	22,925	5,220	60,820	23,010	33,175	52,925	39,475	115,070	76,525
		428	3,245	9,350	295	6,283	2,895	11,148	3,100	1,895	3,285	3,268	590	4,601	4,661	455	3,875	6,587	1,210	2,055	1,050	3,538	415	869	3,475	594	3,295	5,920	35,625	2,268
		430	39,600	80,680	59,650	76,950	137,650	339,500	143,500	203,420	134,690	100,810	65,000	197,605	107,045	75,434	66,380	213,273	24,430	122,730	36,640	66,765	46,700	151,850	55,330	28,610	134,200	31,155	196,990	66,380
		432	132,500	153,875	334,500	376,500	267,000	564,900	361,800	256,563	356,650	113,900	169,850	267,975	235,850	126,325	159,575	288,950	42,385	270,038	134,750	177,600	219,000	186,750	503,250	84,881	733,750	174,454	608,145	442,500
	20	303	728	36,725	485	36,125	2,263	560,125	32,850	74,885	20,720	4,495	10,745	27,540	17,039	3,290	7,163	16,838	3,525	37,165	3,035	16,125	2,413	10,540	46,597	16,590	95,270	40,068	233,725	69,110
		307	4,388	9,725	1,463	3,650	3,845	77,975	20,350	8,300	7,275	4,675	10,575	8,175	8,368	6,020	3,725	4,975	882	2,395	6,900	1,920	3,075	1,250	4,275	480	18,250	6,345	60,850	7,925
	30	310	0	15,175	0	17,538	125	67,000	0	4,938	0	3,425	0	13,363	19,680	7,710	1,150	13,253	0	3,273	1,400	5,375	160	180	0	0	9,800	6,583	67,900	6,450
		314	0	0	0	3,425	700	18,700	0	0	350	0	0	0	5,750	350	0	160	210	880	0	1,300	0	3,295	0	0	4,425	6,900	42,000	2,000
		322	722,750	960,450	920,000	3,291,250	2,499,500	1,753,875	2,183,000	880,000	0	311,500	339,750	40,900	624,400	58,356	191,575	223,500	697,950	588,200	557,925	496,650	2,039,000	2,260,625	1,707,500	308,125	4,451,500	501,800	6,635,000	1,373,350
224	10	435	800	8,500	17,900	22,850	73,400	67,450	60,750	20,000	26,150	12,025	1,550	36,113	3,830	3,200	1,125	17,215	2,090	14,775	713	7,200	2,180	800	8,850	2,150	11,200	6,775	38,600	9,100
		450	8,000	21,155	3,540	67,400	15,770	160,693	29,998	15,240	3,500	20,525	9,420	47,238	43,818	18,733	35,836	71,260	7,988	19,765	870	22,755	3,759	33,125	20,400	10,988	27,313	11,420	128,450	35,383
		451	400	17,060	3,765	35,250	4,160	158,750	12,184	25,183	12,795	44,084	7,815	35,493	64,209	2,825	37,193	47,165	8,400	13,800	1,855	13,080	9,750	20,820	23,300	5,730	46,430	14,253	187,615	13,441
		454	18,470	138,900	8,425	138,500	67,150	447,375	94,850	73,213	34,580	27,925	45,550	174,300	100,176	95,625	59,245	249,298	31,585	91,025	15,075	62,150	14,150	80,825	66,215	87,450	170,150	139,225	162,800	123,700
		455	7,060	76,885	29,530	122,525	72,894	368,200	159,350	93,728	69,718	26,520	58,050	162,353	88,707	45,118	23,477	156,937	21,510	97,463	15,190	20,278	9,970	71,860	25,250	24,410	59,165	25,630	471,975	76,320
		458	0	27,738	1,600	218,000	53,650	1,226,500	32,400	53,750	21,850	21,038	16,505	72,600	49,250	72,470	66,720	334,275	65,350	246,675	11,500	160,963	53,775	111,900	133,400	55,375	157,350	162,700	616,850	345,875
		461	NA	0	0	25,680	46,450	91,970	10,528	13,115	10,800	8,788	19,130	27,573	60,063	14,538	21,134	45,163	12,763	25,618	7,885	36,125	18,900	18,825	32,266	9,320	51,777	16,853	116,365	40,385
		469	0	4,625	25,190	26,273	49,475	106,375	19,690	21,760	9,960	29,030	24,260	56,640	71,252	38,351	50,754	64,003	15,617	34,805	10,103	13,400	28,150	60,900	56,700	8,505	76,080	22,443	234,300	46,853
	30	471	0	2,810	1,525	960	4,365	21,020	3,240	2,180	3,860	2,030	2,380	6,980	3,164	3,130	1,684	5,250	0	3,858	0	960	940	480	2,350	240	99,628	19,545	48,010	480
		476	1,612,000	488,300	149,300	464,750	1,191,000	786,000	1,113,900	154,000	487,150	302,900	492,500	191,900	192,170	97,265	62,285	324,100	93,050	113,425	513,850	321,100	132,000	38,025	933,400	160,438	570,750	52,450	1,729,450	161,100
		479	38,878	8,475	135,200	67,250	114,700	131,725	55,045	15,900	28,723	38,320	22,620	88,690	53,802	12,823	23,420	69,950	13,208	13,025	7,810	10,900	10,425	13,500	32,650	9,950	16,765	24,040	116,095	27,115
	40	480	135,325	60,900	139,904	107,500	166,550	382,750	203,975	98,215	176,470	251,800	175,750	203,150	86,505	95,235	128,026	338,020	101,520	94,325	23,910	65,030	89,550	90,150	146,500	47,050	100,213	58,900	492,100	170,500
		484	3,408	11,180	4,080	49,250	10,150	387,000	45,035	50,720	60,170	36,665	22,750	70,110	23,678	17,359	27,300	211,600	27,885	63,860	10,450	26,600	16,590	38,160	112,750	17,675	45,710	19,325	352,500	80,970
		485	45,440	61,670	99,200	101,825	100,750	936,201	59,565	267,945	60,145	206,860	120,600	202,293	168,172	124,933	171,800	329,163	230,810	250,050	80,150	90,860	168,500	151,880	81,750	71,070	87,963	54,225	651,515	145,063
		493	5,400	6,908	3,430	11,500	6,175	42,835	11,493	8,795	7,275	13,625	6,175	14,843	4,800	1,885	6,600	19,250	6,508	4,535	1,690	5,235	3,895	3,578	2,450	1,642	1,063	4,565	85,700	6,128
		495	31,770	12,720	110,200	39,500	138,800	162,900	110,345	17,595	5,275	49,475	11,980	75,845	21,638	20,797	16,257	27,394	25,099	44,535	13,465	3,230	2,190	17,870	5,800	7,033	35,550	3,120	86,050	41,388
		498	29,940	7,143	12,390	10,625	32,300	153,875	57,800	15,775	25,960	21,990	63,000	84,150	28,690	17,560	25,255	61,525	16,543	23,600	10,350	13,320	12,910	13,073	29,550	7,930	23,100	9,400	104,220	22,110
225	30	506	NA	NA	NA	NA	NA	NA	NA	2,460	0	NA	55,350	33,240	71,820	2,228	56,448	30,465	18,305	8,120	1,330	3,900	6,390	1,360	11,600	480	8,815	1,205	154,911	13,530
		507	NA	NA	NA	NA	NA	NA	NA	0	0	NA	107,550	8,270	5,550	240	575	6,790	9,151	780	1,670	2,870	4,850	0	7,400	1,635	3,110	3,725	131,370	12,313
		508	NA	NA	NA	NA	NA	NA	NA	14,610	0	NA	50,020	172,050	92,875	19,500	24,150	26,270	11,605	960	1,330	6,730	4,310	10,400	3,500	4,045	6,534	3,270	81,240	24,840
		510	NA	NA	NA	NA	NA	NA	NA	15,165	0	NA	58,209	53,430	62,004	12,995	24,980	38,895	12,705	8,830	2,024	6,480	5,070	9,815	3,000	5,240	7,340	1,305	76,925	9,320
		511	NA	NA	NA	NA	NA	NA	NA	4,883	0	NA	0	2,916	0	1,350	55,500	24,900	16,255	3,850	0	12,750	23,400	7,350	12,000	0	27,059	7,350	60,750	21,750
226	20	601	7,600	20,825	9,115	6,160	21,125	34,510	31,448	15,173	15,755	67,838	41,723	73,515	30,091	46,190	18,684	20,965	27,750	19,250	4,595	66,625	27,325	20,725	52,694	895	12,475	13,805	37,000	7,033
		602	15,350	20,180	7,700	4,453	29,000	51,320	19,325	6,638	32,230	78,340	20,518	84,875	56,370	37,335	21,518	12,530	5,094	8,805	12,005	82,700	10,250	14,380	41,575	6,125	26,405	22,350	34,250	3,588
		603	94,650	155,800	63,660	33,700	93,000	298,700	113,500	96,025	150,450	328,100	104,300	220,500	101,170	61,480	101,455	89,466	53,900	36,575	26,300	263,220	23,900	109,800	80,675	12,025	52,253	49,275	56,900	118,130
		604	58,430	0	42,580	44,140	61,800	122,655	32,200	25,300	43,500	59,110	106,400	83,350	59,025	25,119	53,400	56,740	61,545	16,070	14,890	98,000	48,450	24,510	57,050	18,370	33,718	26,325	42,800	18,899
		608	1,933,900	209,375	617,500	339,750	252,000	874,500	378,100	65,525	668,300	147,625	507,000	250,948	206,355	72,550	195,668	382,925	431,790	101,800	331,120	768,250	426,540	282,625	173,010	10,850	353,160	315,113	1,568,400	67,275
		610	93,975	4,560	14,878	30,850	6,770	205,205	98,125	18,180	109,370	6,185	29,988	14,719	36,090	5,328	7,800	40,140	1,350	21,029	20,200	38,200	16,300	30,270	41,750	8,320	6,331	32,300	139,900	4,353
		611	2,568	16,355	4,738	1,890	2,898	31,640	25,243	1,510	5,700	5,023	4,550	29,161	4,130	2,700	2,345	6,335	1,400	265	2,197	34,640	2,495	5,645	5,020	1,875	5,084	7,765	10,500	5,298
		612	11,675	20,963	5,205	211,400	13,075	26,670	8,596	3,498	6,950	7,045	11,410	28,074	6,103	3,830	5,075	5,910	2,255	2,005	3,021	17,050	2,820	4,060	11,270	4,185	4,283	41,395	14,720	5,948
		613	278,960	92,313	134,820	90,975	121,450	480,750	231,060	262,663	296,948	195,213	456,250	143,985	270,070	163,538	191,112	400,175	115,860	78,125	126,920	416,500	117,910	118,475	296,810	120,050	182,786	165,100	337,924	58,331
		621	72,165	18,975	58,475	53,825	64,950	186,725	54,285	41,603	70,740	51,535	102,459	152,650	94,318	61,675	39,600	86,935	39,960	13,523	44,480	171,200	33,650	48,025	47,418	4,430	39,720	25,325	41,720	27,353
		623	6,515	0	23,220	11,690	63,500	117,450	16,440	10,265	18,620	38,583	41,500	74,066	57,055	32,746	13,653	52,985	15,765	9,635	44,700	66,650	25,540	21,080	75,210	1,310	35,343	45,750	76,650	16,815
		630	271,300	62,300	130,800	176,800	101,800	1,008,625	146,850	101,170	127,695	103,900	313,130	130,518	370,520	84,925	197,150	432,925	156,750	151,500	164,700	605,000	500,660	439,750	359,600	114,325	363,070	218,900	1,118,600	110,113
		632	26,180	1,190	15,155	34,035	17,225	162,820	17,975	29,526	38,873	21,975	35,900	28,905	58,680	16,650	33,447	48,264	19,430	30,650	13,560	88,150	16,650	27,000	97,155	17,353	21,186	60,150	193,877	67,134
		633	106,880	8,225	35,838	31,425	48,220	191,660	63,220	18,205	51,845	47,425	84,912	86,675	96,250	68,876	61,250	71,138	14,205	63,368	16,750	52,950	28,455	42,475	182,450	29,050	36,108	91,790	184,900	59,376
		634	15,630	2,570	10,380	1,803	5,833	5,900	4,959	0	7,570	6,243	15,080	19,775	6,185	690	12,810	7,695	26,100	14,025	13,033	64,000	8,975	18,210	24,350	575	11,160	23,125	38,100	2,759
		636	26,603	2,025	21,620	1,420	19,700	22,475	16,945	7,125	14,734	32,650	34,479	37,475	63,310	10,800	18,644	27,500	5,660	6,750	12,590	742,200	9,425	18,275	21,900	3,950	14,698	20,950	84,000	13,775
	30	682	NA	NA	NA	NA	0	75,750	0	86,500	50,980	145,800	120,250	255,350	93,825	93,700	165,450	185,150	82,938	89,100	62,735	257,110	153,550	106,250	286,150	62,000	76,585	141,125	60,585	43,375
	40	655	55,700	90,000	33,570	45,250	64,900	155,390	37,900	69,386	99,920	189,650	138,600	186,350	74,800	84,630	29,800	77,200	26,650	56,550	21,200	216,850	12,650	50,350	120,500	4,025	67,500	97,225	59,720	83,040
		656	70,575	84,880	39,325	52,200	41,250	88,410	13,085	15,423	42,460	185,075	92,105	83,655	60,000	48,685	50,190	84,810	28,275	48,510	43,250	66,450	14,200	25,850	84,153	12,813	55,791	40,025	94,500	24,185
		665	22,780	11,925	4,555	1,065	3,420	9,130	755	0	3,140	14,675	17,176	3,380	20,080	4,520	8,183	4,382	10,855	4,045	4,250	10,390	910	18,400	34,650	2,020	13,080	13,750	16,377	8,980
		666	202,340	64,650	44,600	17,770	52,300	99,325	22,500	4,840	17,775	42,330	37,363	36,055	65,185	17,786	9,180	17,678	30,750	13,655	15,830	61,745	8,590	12,575	97,910	3,980	40,775	38,505	40,140	12,381
		670	0	4,970	113,790	17,350	37,275	15,900	43,700	613	18,190	9,515	11,902	12,065	82,435	0	2,060	1,121	1,320	115	2,070	5,625	1,820	43	13,050	0	26,495	7,200	34,900	2,360
		672	0	0	14,530	2,405	59,700	17,395	10,030	590	21,040	3,793	7,500	21,918	9,465	1,139	21,386	4,316	14,458	3,979	35,830	42,375	11,400	12,460	137,150	943	40,653	47,250	42,400	19,530
		673	0	9,300	39,105	13,350	32,850	36,200	62,225	4,100	29,735	31,950	62,288	80,600	106,035	26,435	61,160	14,575	101,350	13,725	76,375	94,890	14,450	22,000	177,650	1,350	47,385	67,475	41,800	15,450

C:\workup\aut\2019\...\Historical Chum AUC 1979-2006.xls]Pivot Chum salmon

NOTES:

Area under the curve totals by District, Subdistrict, and Stream, 1979-2006. These totals are NOT adjusted for stream life or observer efficiency

Index Stream? 1 — 1= index Stream and 0 = non index stream

Sum of C_AUC			Year																												
District	SubDist	Stream		1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
221	10	2		0	0	3,989	56,450	16,415	13,320	9,479	72,898	36,305	20,900	26,407	6,714	2,635	1,020	17,225	24,915	1,912	38,246	78,119	30,777	83,229	92,480	41,000	162,338	120,653	121,438	66,926	84,532
		3	NA	0	0	0	0	0	0	1,000	0	5,196	0	0	6,175	0	0	0	0	0	1,200	383	2,165	0	135	0	2,650	11,700	0	0	77
		11		0	165	0	0	0	0	0	140	0	0	140	465	0	0	0	0	0	0	1,400	2,400	0	1,500	650	0	16,900	1,700	0	390
	20	19		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,000	500	1,350	0	21,650	1,300	0	1,083
		20		0	0	0	0	0	0	0	0	1,687	560	0	120	500	0	0	0	0	0	0	0	0	0	5,000	0	24,450	750	8,475	510
		21		0	140	1,050	130	14,650	0	0	210	2,104	365	0	0	135	4	138	0	0	0	700	1,538	0	950	4,800	4,125	26,525	11,500	7,095	1,215
		22		550	2,741	33,960	70,104	74,416	101,197	56,738	185,225	172,064	254,316	111,900	11,915	5,940	64	22,875	16,544	62,650	13,330	25,250	14,055	19,142	8,466	13,050	13,593	97,123	49,600	49,725	25,335
		35		40,300	1,300	38,150	43,550	137,913	12,500	17,175	139,364	187,850	119,050	119,993	70,320	1,785	6,505	17,750	11,030	45,582	143,687	20,050	11,033	80,950	35,950	133,275	19,625	235,860	105,350	318,100	33,010
		36		0	1,450	8,350	12,550	10,100	1,300	350	11,575	176,661	119,290	87,876	78,340	36,692	12,488	58,500	45,328	89,230	717,188	498,478	220,010	105,866	76,383	115,575	53,416	155,365	112,100	105,250	204,600
		37		0	0	0	0	0	0	0	0	1,000	0	0	0	0	0	100	0	0	0	900	425	80	0	3,000	0	21,482	150	0	300
	30	41		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,400	0	0	561	0	6,125	5,830	0	5,570
		45		0	0	0	0	0	0	0	0	0	0	0	0	1,800	0	6,300	0	35	0	1,800	0	10,500	0	3,350	65	105,600	0	0	17,485
		46		0	0	0	0	2,400	0	0	5,740	2,100	10,475	17,045	6,894	7,960	2,310	4,700	600	25,496	8,450	19,450	12,266	71,580	10,550	88,275	18,725	266,753	10,250	63,700	109,250
		48		8,330	50,778	99,021	178,670	227,154	111,746	36,400	100,714	445,094	825,548	420,348	362,415	110,649	44,709	116,725	101,950	264,319	279,171	160,533	198,420	467,953	634,966	677,732	529,074	260,315	465,158	200,307	372,195
		49		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112	355	650	1,225	6,750	0	2,640
		51		0	23,125	118,982	101,800	166,624	133,582	30,040	150,707	335,189	621,962	181,140	145,088	117,373	34,333	61,855	109,678	192,223	225,947	141,375	133,905	114,108	203,108	314,766	121,458	263,258	218,006	266,850	137,524
		52		0	1,550	0	650	31,770	0	0	1,860	9,400	97,107	11,340	15,295	12,347	7,850	13,625	8,654	67,425	45,983	15,775	32,035	20,700	43,380	105,000	13,300	223,915	81,140	108,150	31,520
		54		0	350	0	0	0	0	0	0	0	420	0	360	650	0	0	0	0	0	0	0	0	0	2,205	5,550	25,150	0	0	375
		56		0	2,800	0	0	2,500	0	0	5,150	7,432	27,950	850	11,130	10,145	1,300	300	1,800	0	0	3,750	2,795	32,625	23,075	122,095	15,117	48,767	15,850	19,000	27,100