2012 Forecast - DRAFT

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Run timing group		**BY (08)**	**BY (07)**	**Prod.**	**Prod.**	**Ret**	**Mean Run Size**		**Probability that Return will be at/or Below Specified Run Size [a]**				
Stocks	**Forecast Model [b]**	**(EFS)**	**(EFS)**	**(-8yr)**	**(-4yr)**	**2012**	**all cycles[c]**	**2012 cycle[d]**	**10%**	**25%**	**50%**	**75%**	**90%**
Early Stuart	*Ricker ((Ei)*	14,400	2,400	3.2	3.0		**311,000**	**120,000**	**40,000**	**61,000**	**99,000**	**161,000**	**270,000**
Early Summer							**510,000**	**517,000**	**110,000**	**199,000**	**361,000**	**667,000**	**1,211,000**
(total excluding miscellaneous)							***510,000***	***517,000***	**63,000**	**105,000**	**194,000**	**363,000**	**638,000**
Bowron	*KF*	300	1,100	4.6	4.7		39,000	27,000	1,000	2,000	2,000	4,000	6,000
Fennell	*Power*	200	6,800	7.1	6.2		25,000	34,000	5,000	7,000	12,000	20,000	32,000
Gates	*KF*	1,800	1,100	8.4	5.8		53,000	135,000	4,000	6,000	12,000	21,000	36,000
Nadina	*MRJ*	10,200	1,000	4.9	6.3		80,000	137,000	17,000	33,000	70,000	148,000	289,000
Pitt	*KF*	5,400	19,900	2.5	0.9		72,000	81,000	11,000	19,000	35,000	65,000	110,000
Raft	*Ricker (PDO)*	3,600	8,100	7.5	6.9		32,000	57,000	22,000	34,000	55,000	88,000	135,000
Scotch	*Larkin*	100	4,800	10.9	6.5		78,000	12,000	100	200	300	700	1,400
Seymour	*Ricker-cyc*	300	5,900	8.3	5.6		131,000	34,000	3,000	4,000	8,000	16,000	29,000
Misc [e]	*RS (Sc/Se)*	500	3,800				NA	NA	1,000	5,000	8,000	11,000	14,000
Misc [f]	*RS (Ra/Fe)*	200	1,000				NA	NA	1,000	2,000	3,000	6,000	13,000
Misc [g]	*RS (Ra/Fe)*	1,000	9,900				NA	NA	8,000	14,000	24,000	49,000	99,000
Misc [h]	*RS (Esum)*	19,700	1,100				NA	NA	36,000	70,000	127,000	230,000	431,000
Misc [i]	*RS (Esum)*	150	2,000				NA	NA	1,000	3,000	5,000	8,000	16,000
Summer							**3,730,000**	**2,501,000**	**529,000**	**828,000**	**1,420,000**	**2,449,000**	**4,160,000**
Chilko [j]	*KF(juv)*	11.8 M	25.2 M	0.04	0.03		1,350,000	1,790,000	229,000	342,000	562,000	868,000	1,274,000
Late Stuart	*Power*	57,900	4,100	3.7	3.6		560,000	187,000	92,000	166,000	338,000	730,000	1,550,000
Quesnel	*R1C*	2,500	33,800	1.7	1.9		1,358,000	57,000	17,000	33,000	67,000	137,000	261,000
Stellako	*R2C*	73,800	19,600	3.1	1.8		462,000	467,000	191,000	287,000	453,000	714,000	1,075,000
Late							**3,020,000**	**711,000**	**65,000**	**119,000**	**242,000**	**489,000**	**990,000**
(total exlcuding miscellaneous)							***3,020,000***	***711,000***	***61,000***	***112,000***	***229,000***	***466,000***	***950,000***
Cultus [j & k]	*KF(juv)*	145,300	341,000	0.02	0.02		39,000	21,000	700	1,000	3,000	7,000	15,000
Harrison[l]		4,400	100,600	32.9	43.2		60,000	19,000	20,000	39,000	83,000	184,000	401,000
Late Shuswap	*Ricker-cyc*	80	32,300	4.6	0.7		2,152,000	29,000	1,000	3,000	9,000	19,000	46,000
Portage	*Larkin*	60	800	6.3	3.8		40,000	16,000	500	1,000	2,000	4,000	9,000
Weaver	*RS4yr*	600	15,800	15.8	5.7		363,000	345,000	12,000	23,000	47,000	96,000	181,000
Birkenhead	*KF*	6,800	54,300	4.7	2.9		366,000	281,000	27,000	45,000	85,000	156,000	298,000
Misc. non-Shuswap[m]		900	2,600				NA	NA	4,000	7,000	13,000	23,000	40,000
TOTAL SOCKEYE SALMON							-	-	**744,000**	**1,207,000**	**2,122,000**	**3,766,000**	**6,631,000**
(TOTAL excluding miscellaneous)							***(7,571,000)***	***(3,849,000)***	***(693,000)***	***(1,106,000)***	***(1,942,000)***	***(3,439,000)***	***(6,018,000)***

a. Probability that return will be at, or below, specified projection.
b. See Table 5 for model descriptions
c. Sockeye: 1953-2009 (depending on start of time series)
d. Sockeye: 1956-2008 (depending on start of time series)
e. Unforecasted miscellaneous Early Summer Stocks (Early Shuwap stocks: S.Thompson; used Scotch/Seymour R/EFS)
f. Unforecasted miscellaneous Early Summer stocks (N. Thomson tributaries; used Raft/Fennell R/EFS).
g. North Thompson River (used Raft/Fennell R/EFS)
h. Chilliwack Lake and Dolly Varden Creek (used Early Summer R/EFS)
i. Nahatlach River & Lake (used Early Summer R/EFS)
j. Brood year smolts in columns C & D (not effective females)
k. For Cultus, this 'Long-Term Average Productivity' smolt-jack forecast uses the full marine survival time series.
l. Harrison are age-4 (column C) and age-3 (column D).
m. Unforecasted miscellaneous Late Run stocks (Harrison Lake down stream migrants including Big Silver, Cogburn, etc.); used Birkenhead R/EFS & Weaver age proporitons

Definitions: BY: Brood year; BY08: brood year 2008; BY07: brood year 2007; EFS: effective female spawners; Prod. (8yr), Prod. (4yr): Productivity in recruits-per-effective female spawners in the last 8 yrs or last 4 yrs; Pi (Pine Island sea-surface-tempe