Overview of Factors included in this analysis of stock assessment priorities

Based on the process described in: Prioritizing Fish Stock Assessments. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-F/SPO-152, 31 p (included as attachment) (http://www.st.nmfs.noaa.gov/Assets/stock/documents/PrioritizingFishStockAssessments FinalWeb.pdf)

Category	Factors	Source/Basis	Range	Notes on Scoring
FISHERY Importance	Commercial Fishery Importance	Landed Ex-vessel Revenue, from PacFIN (transformed)	0-10	LOG(1+1000*Rev)> MAX(0,5+species LOG(1+1000*Rev) - highest LOG(1+1000*Rev))*2
	Recreational Fishery Importance	Weighted Landed catch, from States (transformed)	0-10	LOG(1+1000*Wt*Mt)> MAX(0,5+species LOG(1+1000*WtMt) - highest LOG(1+1000*WtMt))*2
	Importance to Subsistence	Tribal Comm Revenue + Subsistence input from Habitat Assmt. & Tribes	0-10	Emphasis on rebuilding species (and degree of constraint), with lesser additions for state or FG rankings that are much higher than overall
	Constituent Demand/ Choke Stock	Higher Value to sub-fleet or -area + Constraining Species	0-10	Commercial transformation used to score Tribal Commercial landings (0-7) + subsistence values scored with Tribal input and WA recreational weights6 - Projected to rebuild in over 20 yearsEmphasis on nearness to shore, appearance, southerly distribution9 - In rebuilding and projected to be rebuilt by next assessment
	Non-Catch Value	Currently: Scuba/snorkel Viewing	0-10	
	Rebuilding Status	Assessed Status + Rebuilding Proj.	0-10	10 - In rebuilding, with declining biomass
STOCK	Relative Stock Abundance	Latest assessed depletion or PSA	1-10	1 - point = stock biomass is way above target (SBC > 2 * SBMSY)
Status Ecosystem Role	Relative Fishing Mortality Key Role in Ecosystem	Groundfish Mortality Reports LATER: Link to Climate Vulnerability Assessment Scores	1-10 1-10	 1 point = negligible fisheries impact on stock (F_c ≤ 0.1*F_L) 2 points = low fisheries impact on stock (0.1* F_L < F_c ≤ 0.25* F_L) 3 points = moderately low fisheries impact on stock (0.25* F_L < F_c ≤ 0.5* F_L) 2 - points = stock biomass is above target (2 * SBMSY >= SBC > 1.5*SBMSY) 3 - points = stock biomass is above target (1.5 * SBMSY >= SBC > 1.1*SBMSY), or SBC is unknown and Vulnerability is low (1.8 > PSA)"
ASSMT Info	Unexpected Stock Trends	LATER (before June): Trend information from surveys of fisheries	0-10	4 points = caution - F_L is unknown and $F_C \le 5$ mt 5 points = moderate fisheries impact on stock (0.5* $F_L \le F_C \le 0.75* F_L$) 6 points = caution - F_C is unknown or F_L is unknown and $F_C > 5$ mt 4 - points = stock biomass is near target (1.1 * SBMSY >= SBC > 0.9*SBMSY), or SBC is unknown and Vulnerability is intermediate (2 > PSA >= 1.8)" 5 - points = stock biomass is below target (0.9 * SBMSY >= SBC > MSST)) and not declining
	Relevant New Type of Information Available	Updated Steepness Prior; New availability of trend or comp data; Ability to fix prior assmt. issues	0-10	7 points = moderately high fisheries impact on stock $(0.75^* F_L < F_C \le 0.9^* F_L)$ 8 points = high impact, potential for overfishing $(0.9^* F_L < F_C \le F_L)$ 9 points =slight overfishing $(F_L < F_C \le 1.1^* F_L)$ 6 - points = SBC is unknown and Vulnerability is high (PSA >= 2) 7 - points = stock biomass is below target (0.9 * SBMSY >= SBC > MSST)) and recent trend is declining or unknown
	Years Assessment Overdue (relative to Target Frequency)	Assessment output, and Fishery Factor scores	0-10	10 points = significant overfishing (1.1* F _L < F _C) 8 - points = stock is overfished (SBC ≤ MSST) and increasing Years since last assessment - Target Frequency 9 - points = stock is overfished (SBC ≤ MSST) and stable 10 - points = stock is overfished (SBC ≤ MSST) and declining
Y	2			
TARGET Freq	Mean Age in Catch (with regional modification)	Extraction from assessment data	Value	
	Stock Variability	Recruitment variability (Sigma-r) from last assessment	-1 to +1	Species with Sigma-r > 0.9 receive a -1; species Sigma-r < 0.3 receive a +1; others receive a 0.
	Fishery Importance	Sum of weighted scores for Fishery Factors (listed above)	-1 to +1	Species in the top third of each category receive a -1; species in
	Ecosystem Importance	LATER: using Ecosystem Score	-1 to +1	the bottom third receive a +1; others receive a 0.