## Appendix VIII

## LIMITS.XLS - Excel spreadsheet to calculate user-specified, log-based confidence limits.

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This Excel spreadsheet can be used to adjust confidence limits. Input values are taken from output tables generated by the program DISTANCE (Laake et al. 1996). The user can specify the coverage of the confidence intervals. See Buckland et al. (1993:88-89) for more background on log-based confidence limits.

An example LIMITS analysis is shown below. Users enter the desired level of coverage and specific results from DISTANCE. Notes to the right identify where to find the input values from the DISTANCE output.

## USER SUPPLIED INPUT

9932	← from Density Estimation Results table
1635.7	← from Density Estimation Results table
26	← from Estimation Summary:Density/Abundance table
0.85	€ user specified (e.g., 0.95, 0.9, 0.8)
	RESULTS
7792,015	→ from LIMITS
12659.71	→ from LIMITS
	1635.7 26 0.85 7792.015