Estimating Abundance from Counts in Large Data Sets of Irregularly-Spaced Plots using Spatial Basis Functions

Jay M. Ver Hoef^{1,2}, John K. Jansen¹

¹ NOAA National Marine Mammal Laboratory NMFS Alaska Fisheries Science Center 7600 Sand Point Way NE, Bldg 4 Seattle, WA 98115-6349 USA tel: (206) 201-2310 fax: (907) 458-3737

E-mail: jay.verhoef@noaa.gov

² mailing address:

International Arctic Research Center P.O. Box 757345 Fairbanks, AK 99775-7345

July 29, 2014