Habitat use and movement patterns of reef manta rays *Mobula alfredi* in southern Mozambique

Stephanie K. Venables*, Daniel I. van Duinkerken, Christoph A. Rohner, Andrea D. Marshall

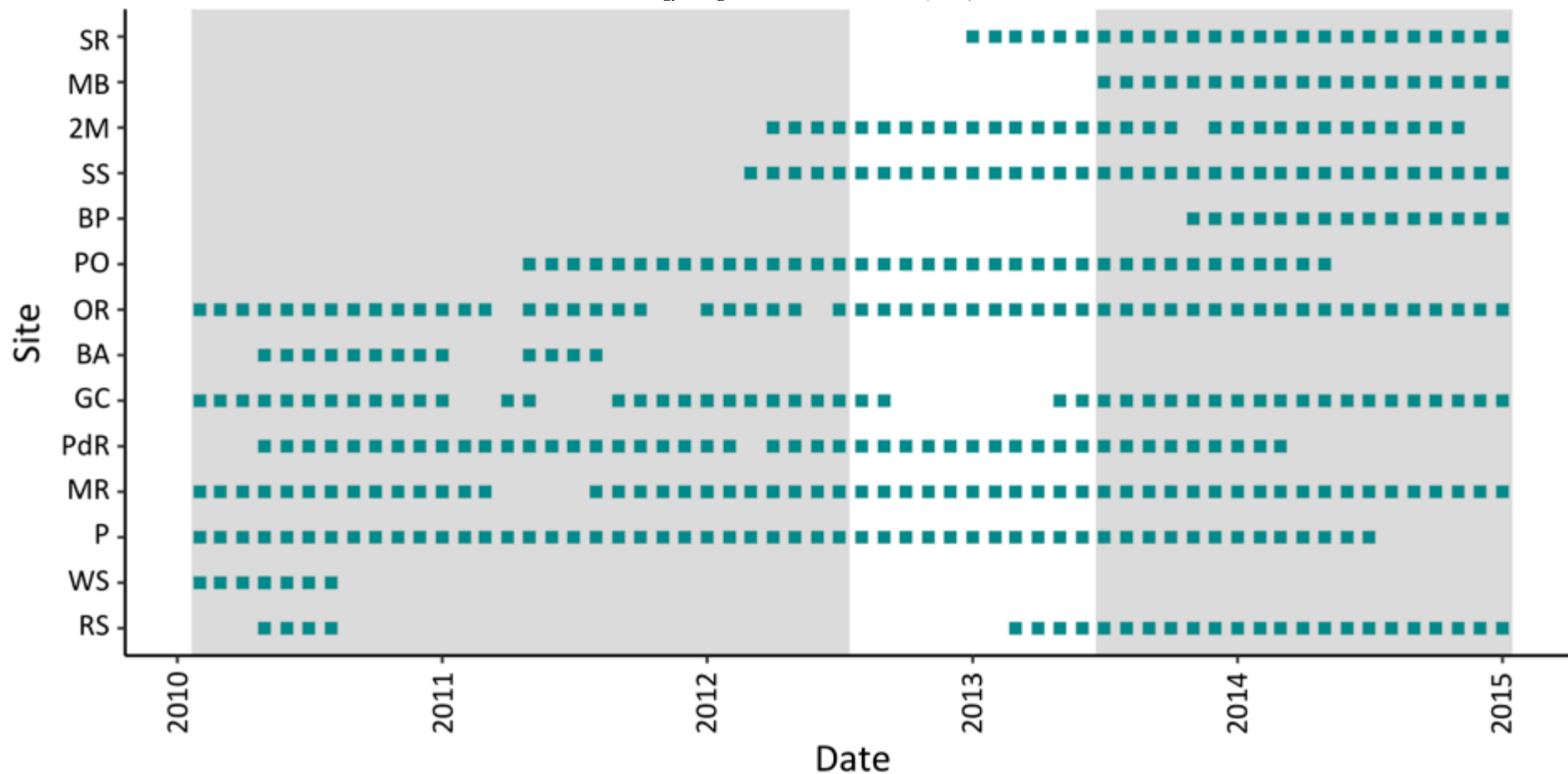*Corresponding author: steph@marinemegafauna.org

Figure S1. Active periods of acoustic receivers in southern Mozambique, grey shading delimits deployment periods, SR: Spaghetti Reef; MB: Mid Bazaruto; 2M: Two Mile Reef, SS: San Sebastian, BP: Baboon Point; PO: Pomene; OR: Office Reef; BA: Barra Point; GC: Giant's Castle; PdR: Praia da Rocha; MR: Manta Reef; P: Paindane; WS: White Sands; RS: Red Sands
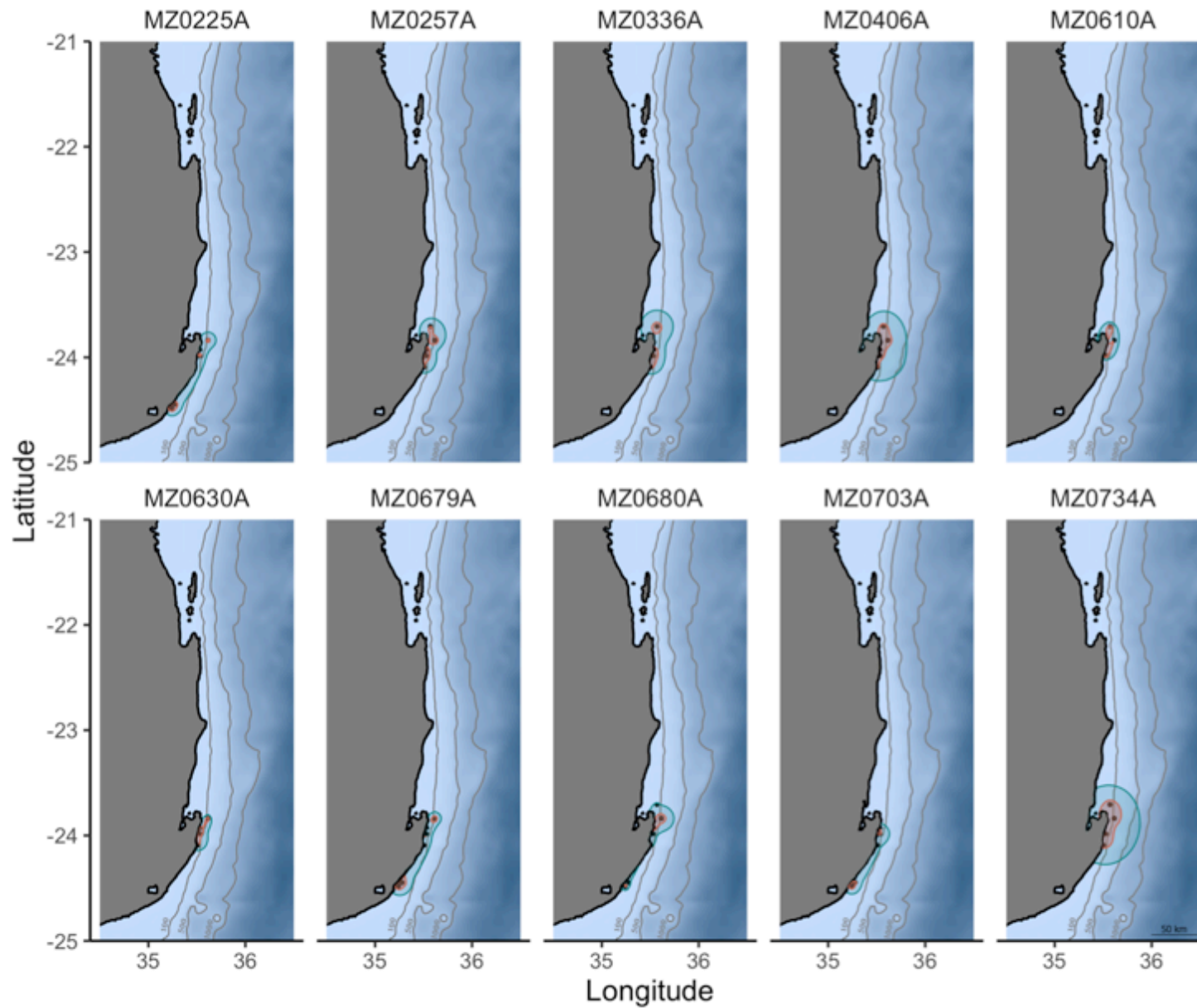
Figure S2. Centers of activity (COAs; black dots), core (50%; orange) and extent (95%; green) Brownian Bridge Kernel Utilization Distributions (bbKUD) for manta rays tagged in deployment 1, plot titles indicate manta ray ID number

Figure S3. Centers of activity (COAs; black dots), core (50%; orange) and extent (95%; green) Brownian Bridge Kernel Utilization Distributions (bbKUD) for manta rays tagg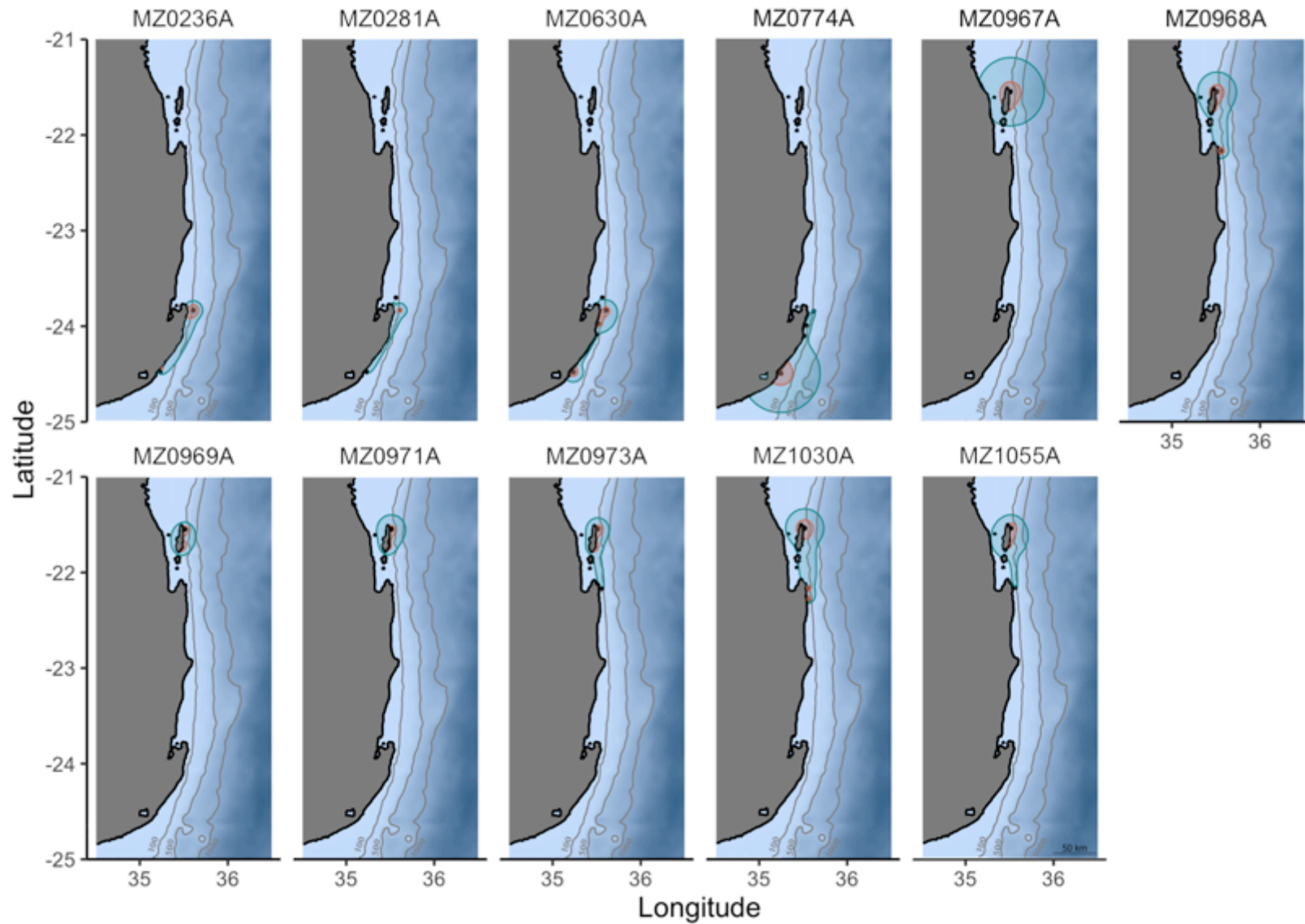ed in deployment 2, plot titles indicate manta ray ID number