

P1-D-65 Red-throated Diver (*Gavia stellata*) habitat use & mobility patterns – revealed by satellite tracking



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Background

- Red-throated Diver is a protected migratory species wintering in large numbers in the North Sea
- Divers are sensitive to anthropogenic disturbance & offshore windfarm development is increasing
- To evaluate impacts of offshore windfarms on divers information on habitat use and movement patterns during wintering season, migration patterns, breeding area and site fidelity is essential.

➤ Data present the first months of satellite tracking from wintering to potential breeding sites (3 April 2015 - 20 June 2015)

Methods

- Within 3 years (2015-2018), 45 divers will be tracked during their annual cycle using satellite transmitters
- 16 Red-throated Divers (13 ♀ 3 ♂) were tagged in 2015 (10 in March; 6 in April)
- Capture by night-lightning technique
- Captured in wintering grounds of the German North Sea EEZ
- Birds were equipped with implantable PTTs
- 11 birds were successfully tracked from wintering sites to breeding grounds
- Genetic gender determination

