DIVER – Satellite telemetry of Divers (Gaviidae)
DIVER – project structure

Project partners:

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in collaboration with:

Project HELBIRD
(FTZ Büsum, Stefan Garthe)

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• High spring abundance of red-throated diver in German Bight
• Protected species (annex 1 BD)
• Sensitive to disturbance
• Diver staging area is of interest for windfarm planning
DIVER – project background
DIVER – satellite tracking as main method

- Tagging of 45 red-throated divers
- Transmitters: Telonics IMPTAV-Modelle (Argos)
- Duty cycle: 1x per day
- Advantages:
  - No recapture required
  - Up to 2 year tracking
- Limitations: coarse resolution, only coordinates

IMPTAV-2640

www.telonics.com
DIVER – catching and tagging

Three field seasons 2015 – 2017:

(1) spring 2015: 16 RTDs (13 ♀, 3 ♂)
(2) Spring 2016: 20 RTDs (17 ♀, 3 ♂)
(3) Spring 2017: still to come
Implants by trained veterinarian (Julius Morkunas)
DIVER – tagging

Release of tagged birds
DIVER – digital video surveys
DIVER – deliverable

- Habitat utilization of staging areas
- Displacement by offshore-windfarms
- Home-Ranges
- Site-fidelity
- Origin (breeding areas)
- Migration routes and patterns
- Food choice