

Automated Radio Telemetry Workshop Agenda:

Guidance Document

Tuesday, 12 January 2021

11:00 AM – 1:00 PM (EST)

Join Zoom Meeting:

<https://zoom.us/j/97495125121?pwd=bXBGVmdGaWxHRHpMUFA1WS90SIBKdz09>

Meeting ID: 974 9512 5121

Passcode: 996966

Find your local number: <https://zoom.us/u/acDBLcpR3J>

Note: we are planning to record this webinar and make it publicly available on the project website. By participating in this webinar, you are agreeing to your likeness being recorded.

Introductions (11:00 – 11:10) - Kate Williams, BRI

PowerPoint w/overview of guidance document (11:10-11:30) - Pam Loring, USFWS

Q&A on guidance document overview (11:30 – 11:40) - Pam Loring, USFWS

Introduce breakout groups (11:40 – 11:45) - Kate Williams, BRI

Break – 5 min (11:45 – 11:50)

- Participants self-assign to a breakout group by group #/topic

Breakout groups (11:50 – 12:10)

1. *Optimizing technology*
 - Goal: Identify recommendations for configuring stations on offshore structures to optimize detection range and data quality
 - Target participants: Electrical engineers, automated radio telemetry practitioners
 - Facilitator: Doug Gobeille, Univ of RI
2. *Coordination of guidance into monitoring plans*
 - Goal: Discuss coordination among stakeholders for implementing guidance into offshore wind monitoring programs
 - Target participants: representatives from agencies, NGOs, industry
 - Facilitator: Kate Williams, BRI
3. *Integrating systems*
 - Goal: identify a process to integrate automated radio telemetry systems into design phase of offshore wind turbines, buoys, and/or substations
 - Target participants: Offshore wind energy engineering and industry representatives

- Facilitator: Andrew Gilbert, BRI
- 4. *Ground-truthing automated radio telemetry systems*
 - Goal: Brainstorm recommendations for ground-truthing the detection range and coverage of offshore systems
 - Target participants: automated radio telemetry practitioners, engineers, researchers
 - Facilitator: Pam Loring, USFWS
- 5. *Metadata standards*
 - Goal: Brainstorm best practices for station metadata and system health data that could be applied to developing minimum data standards for this effort
 - Target participants: environmental consultants, data scientists, Motus collaborators
 - Facilitator: Evan Adams, BRI

Report out from breakout groups (12:10 – 12:50) - Pam Loring, USFWS

- Project co-leads facilitate report out:
 - 1) Optimizing technology – Doug Gobeille
 - 2) Coordination of guidance into monitoring plans – Kate Williams
 - 3) Integrating systems – Andrew Gilbert
 - 4) Ground truthing – Pam Loring
 - 5) Metadata standards – Evan Adams
- Moderated discussion with chat

Next steps and workshops (12:50-13:00) - Pam Loring, USFWS

- Guidance document
- Field testing equipment - Block Island Wind Farm, offshore buoys
- Upcoming workshops: Study Design Tool (1/13), Monitoring Framework and Motus workshops (Spring/Summer 2021)