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Key Topics:

- Intersection for dedicated tech development + innovation + science
 - E.g. carbon wave glider
- The power of groups (partnering is key)

Main Developments:

- The case for focused technology development
- Technology development approaches
 - What are the problems?
 - Access: e.g. deployment from a vessel may be complex
 - Continuation: industry partners can drop their contribution if access/tech has limited uptake
 - The capacity of sensor development community does not match societal needs, mainly because of funding gaps
 - What are the solutions?
 - Increasing Community Access: Holistic Instrument Development (e.g. Saildrone)
 - Sustained funding through bodies like ITAE (success story example = PRAWLER)
- Power of partnerships
 - Leveraging the community and autonomous systems
 - Public-Private Partnerships are great for making progress

Open Questions/Future Directions:

- Tech for getting data in winter – ‘Refloatable Ice sensing Buoy’
- Cheaper floats: pop-up floats (deploy in the summer, release it when ice happens, then it floats under ice until it melts, then sends data back to satellite)
- Focus on remote locations and filling gaps

