

Recent Blue Bear Autonomy Projects

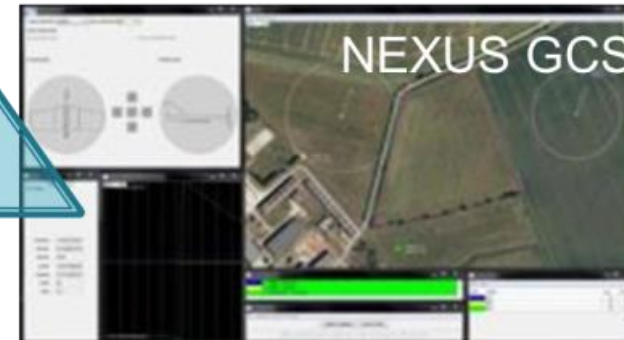
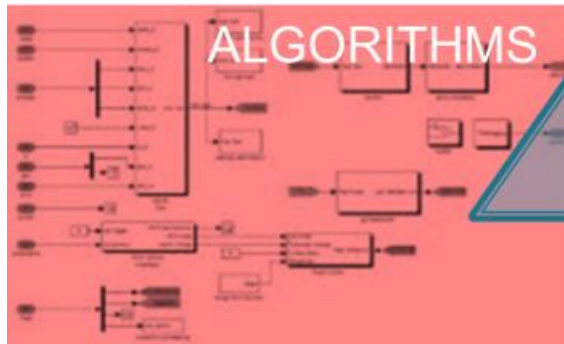
28 February 2017

Who Are Blue Bear?

- SME ~45 people
- Autonomous unmanned systems R+D
- Innovative
- Rapid design, development and testing
- Civil and Defence Applications
- Manufacture



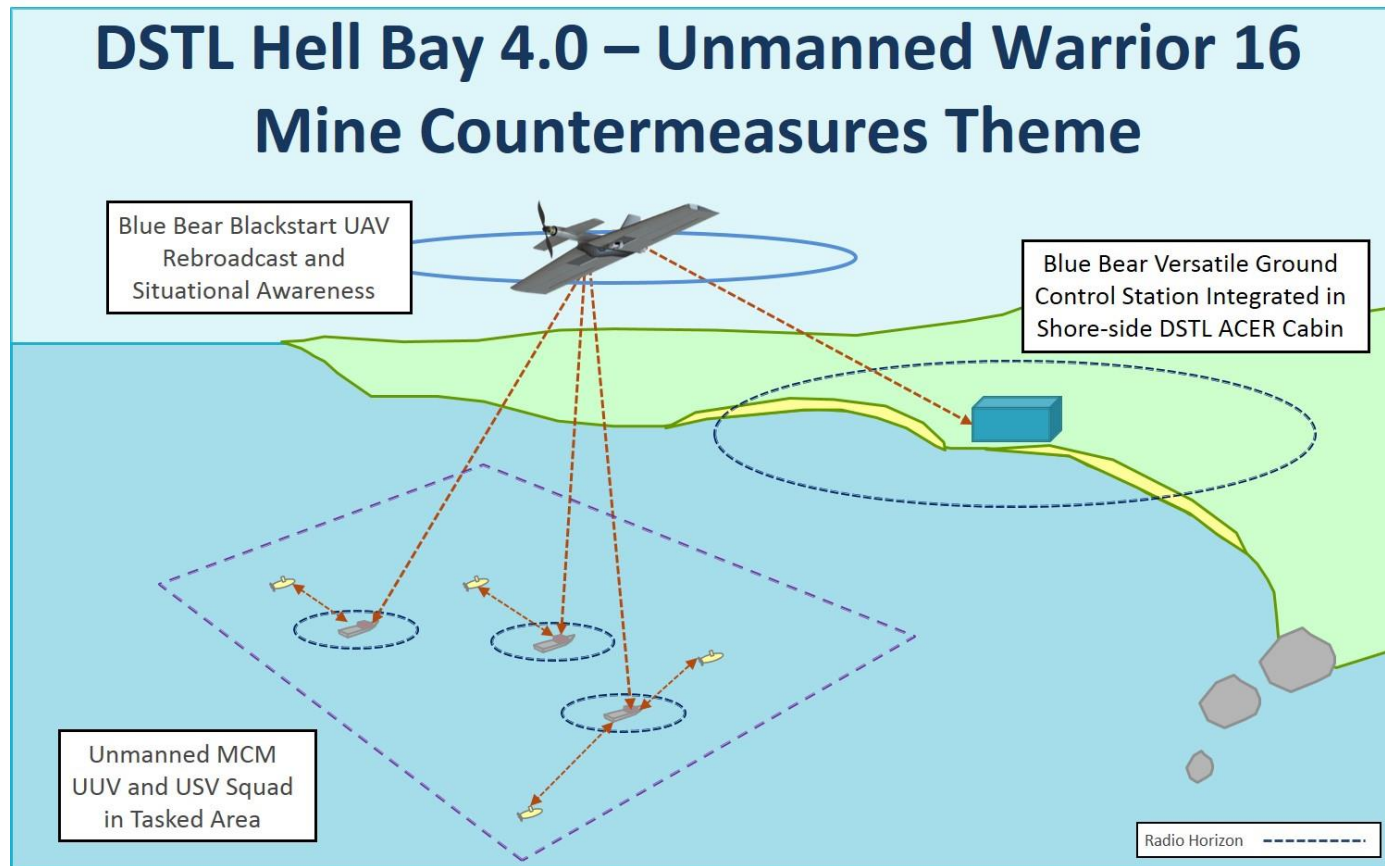
Underpinning Autonomy Technology



Example Recent Autonomy Projects

- Civil:
 - RISER – autonomous inspection of dangerous areas
 - RAPID – autonomous aeroplane inspection
- Defence:
 - Multi-UxV Phase 2 – Configurable Autonomy
 - EA Focus Phase 2 – Passing targets of interest between UxV
 - Unmanned Warrior 16

Recent Blue Bear Autonomy Projects



Current Assessment

- Getting good at collecting data (as good as manned?)
- Not so good at system-of-system collect
- Getting better at closing the loop on sensor and platform behaviour
- Progressing with multiple platforms and few operators
- Not so good at data analysis
- Not so good at getting the data/product to the right customer