

Meeting with DRDC

Fixed Scenarios

- specify all scenarios
- provide “modes” to either generate or re-play existing scenario.
- save examples of “more challenging” situations
- evaluate different algorithms in identical scenarios
- Most interested in “What approaches are best in what situations”.
- We ask “What would be interesting to see?”
 - Overloaded, example, by flock of birds that are all benign.
 - Swarm of boats all appear at once.
 - *Littoral environment* (coastal) with fleet of aircraft over horizon.

Cost Function

- We need cost over time.
- Need to test the capacity of the radar.
- Current cost function is “per action”.

Two Speed Search Beams

- 2 search zones, one area should be faster
- in navy horizon search typically takes >50% of search time.
- If we have two overlapping sensors, they need to be mutually exclusive in their search areas.
- appended to “Backlog” as “two-speed-search”