| **Research Area** | **Management Focus** | **Data Requirements** | **Priority** |
| --- | --- | --- | --- |
| **Area 1 – FAD Design** | * Management focus – reducing BET impacts through FAD design
* Management focus – reducing unwanted bycatch through FAD design
 | Observer GEN-5, PS-3,Logsheet information | Low – Medium – High? |
| **Area 2 – Tuna Behavior** | * Management focus – reducing BET impacts through regulation such as fishing net depth changes
* Assessment focus – better understanding of catchability on FADs
 | Acoustic tagging information by sppObserver GEN-5, PS-1, PS-3Logsheet information | Low – Medium – High? |
| **Area 3 – BET Hotspots** | * Management focus – spatial/temporal management of fleets
* Management focus – operational practices that reduce BET catches
* Assessment focus – better understanding of regional structure for assessments
 | Logsheet informationObserver GEN-5, PS-1, PS-3 | Low – Medium – High? |
| **Area 4 – Acoustic FAD Information** | •       Management focus – Limits of time-in-the-water for FADs?•       Management focus – development of FAD design guidelines•       Management focus - FAD density limits (numbers of FADS in a particular region??)•       Assessment focus – independent ground-truthing of biomass estimates from stock assessment•       Assessment focus – potential fishery-independent source of relative biomass change (?)•       NOTE from the discussion – need for study on discrimination of species in acoustic signal | FAD sonar informationFAD design (observer GEN-5?)Logsheet informationFAD tracking (locations, density) | Low – Medium – High? |
| **Area 5 – Fleet Behavior** | •       Management focus – refinement of PS management through different effort metrics (understanding FAD-related effort creep)•       Assessment focus – understanding changes in catchability of FAD component of BET fishing relative to MFCL catchability estimates | Fleet informationVMSFAD trackingObserver GEN-1, PS-1Logsheet information | Low – Medium – High? |