

# Updated maps with the proposed boundaries and fishing effort

Tab N, No. 6b

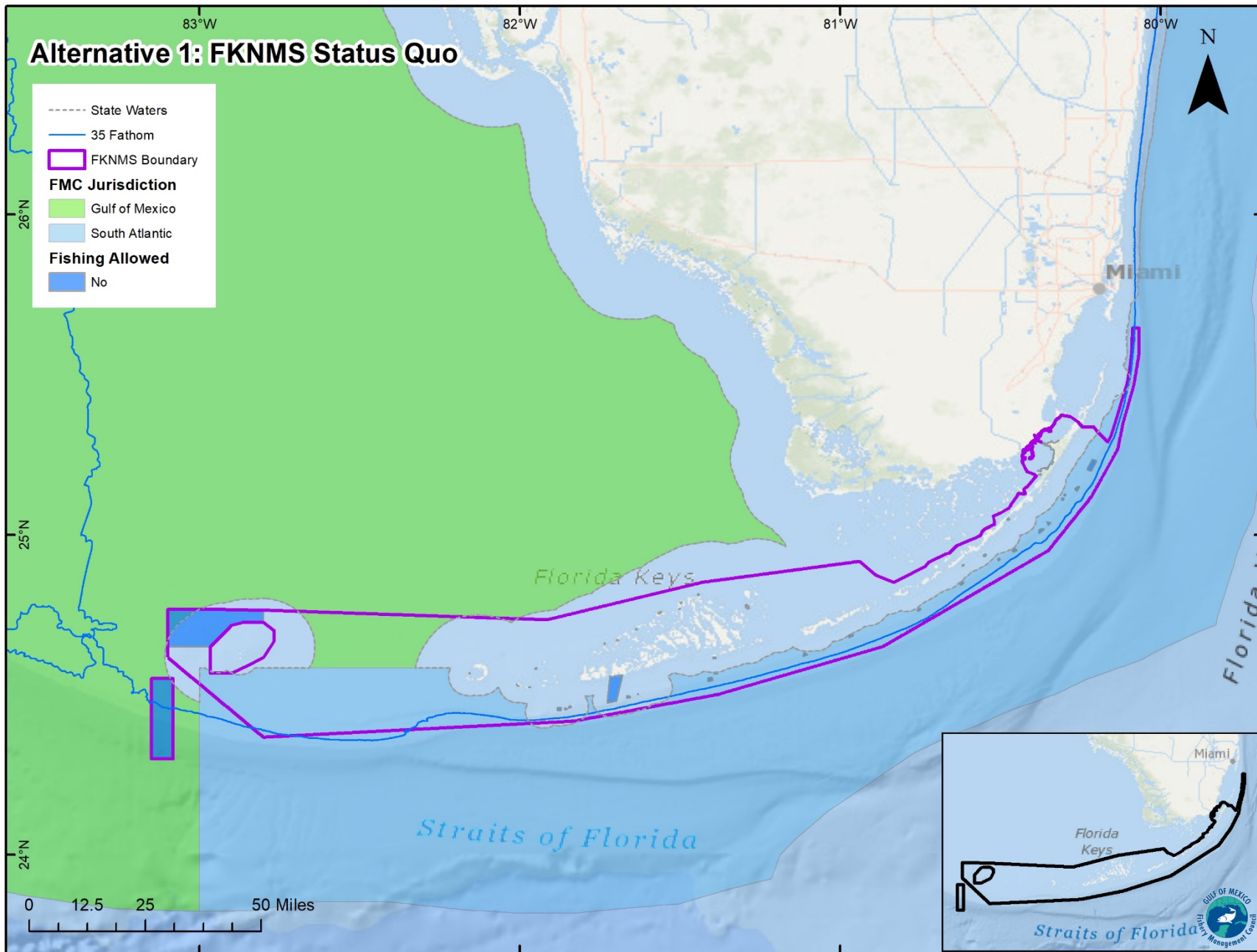




# Shrimp Electronic Logbook (ELB)

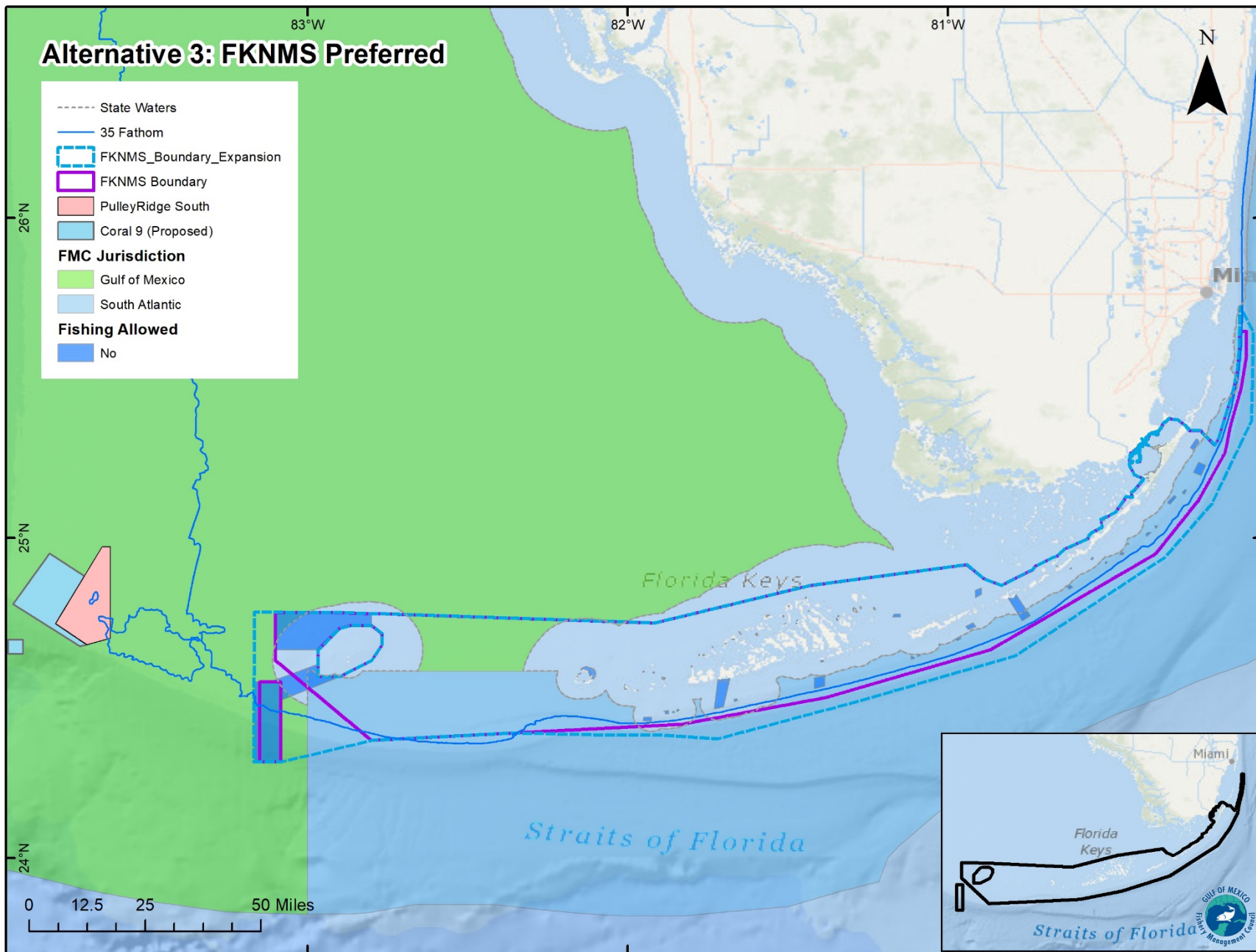
- Shrimp ELB data from vessels with federal shrimping permits
  - NOT all shrimp fleet (approx. 1/3)
  - Data points collected every 10 minutes
- Only including data from active tows
- Data from 2004 to 2017



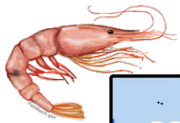


## Alternative 3: FKNMS Preferred

- State Waters
  - 35 Fathom
  - FKNMS\_Boundary\_Expansion
  - FKNMS Boundary
  - PulleyRidge South
  - Coral 9 (Proposed)
- FMC Jurisdiction**
- Gulf of Mexico
  - South Atlantic
- Fishing Allowed**
- No





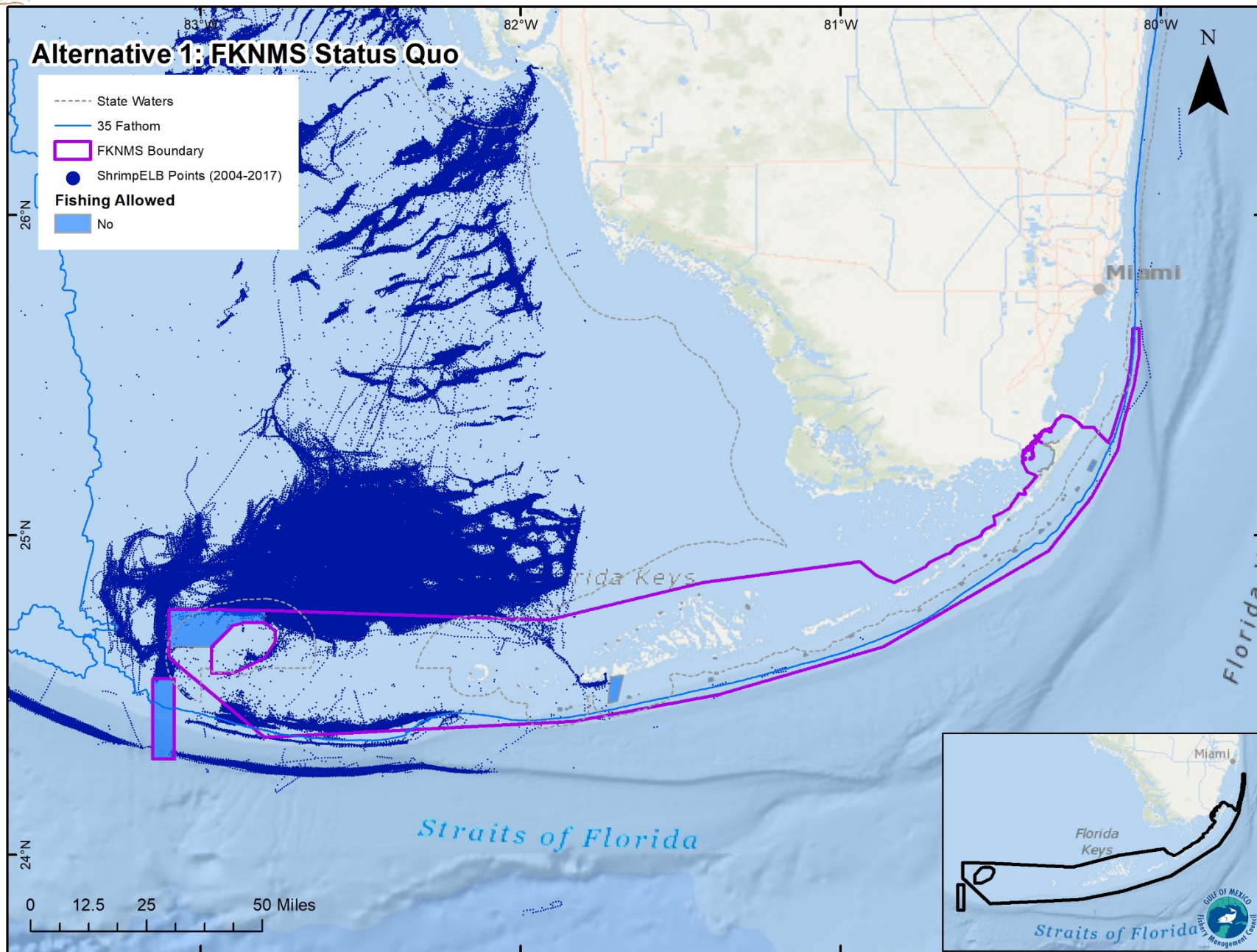


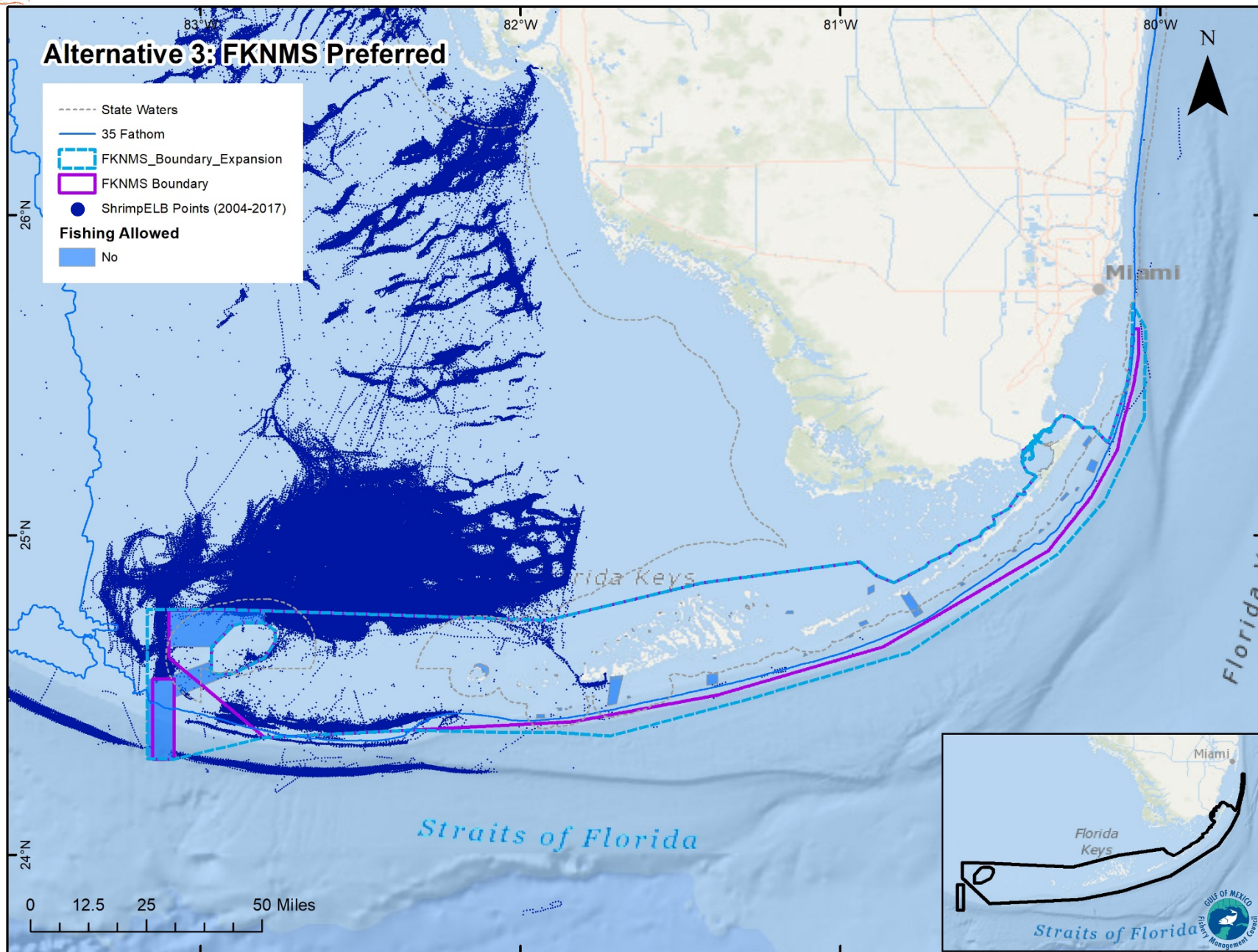
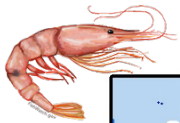
## Alternative 1: FKNMS Status Quo

- State Waters
- 35 Fathom
- ▭ FKNMS Boundary
- ShrimpELB Points (2004-2017)

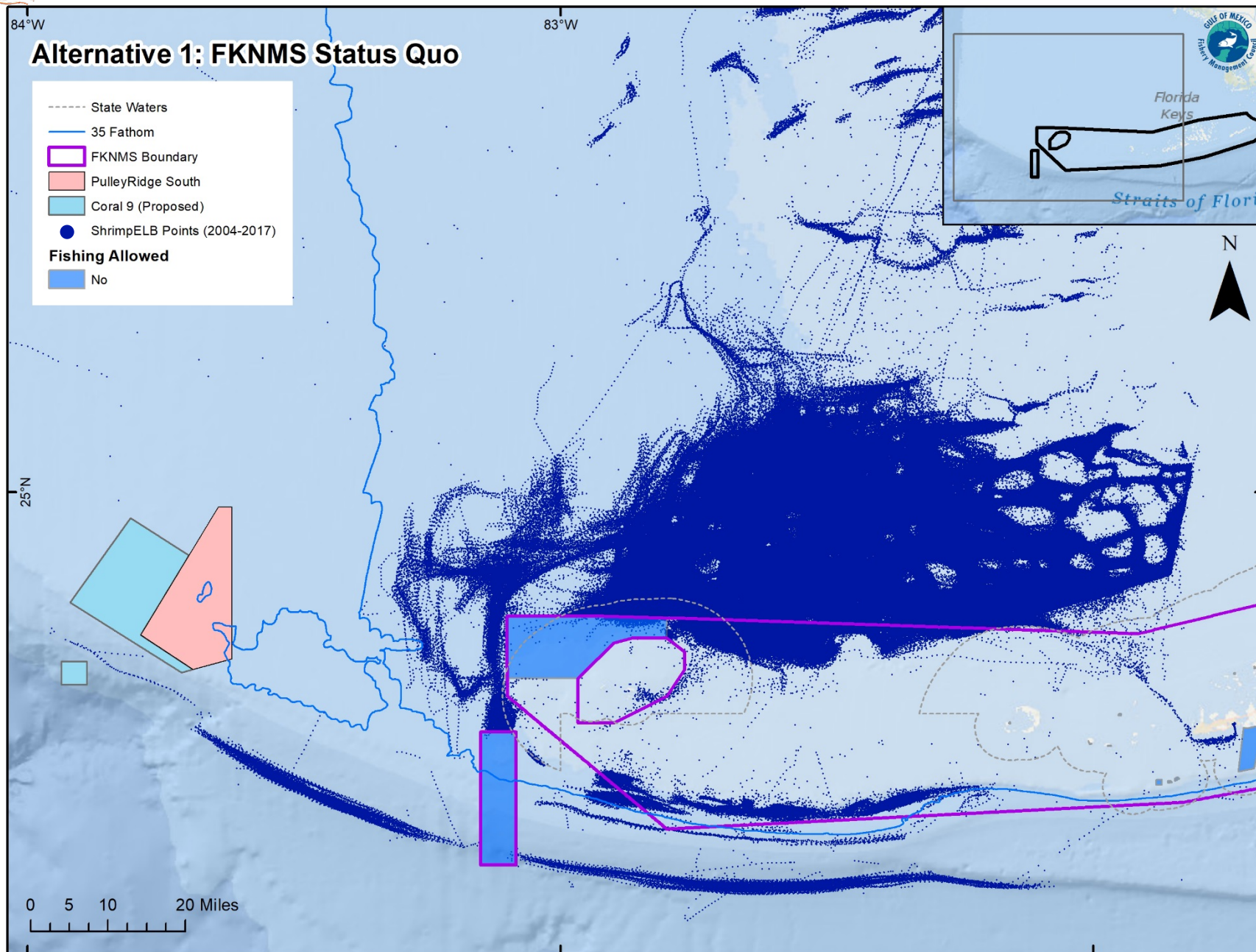
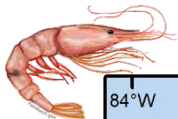
### Fishing Allowed

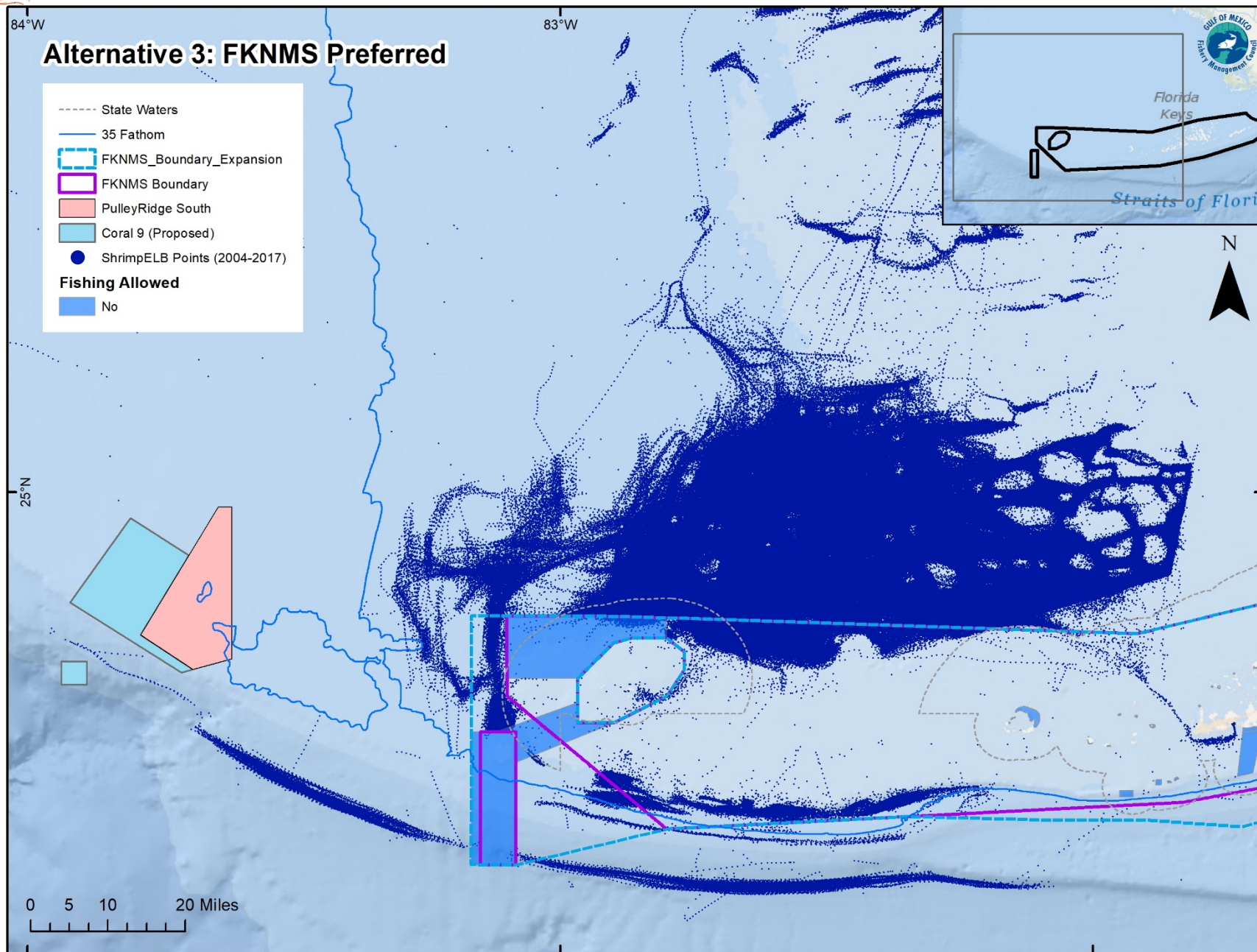
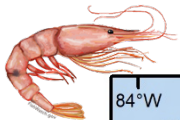
- ▭ No



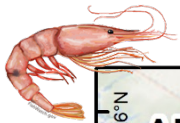




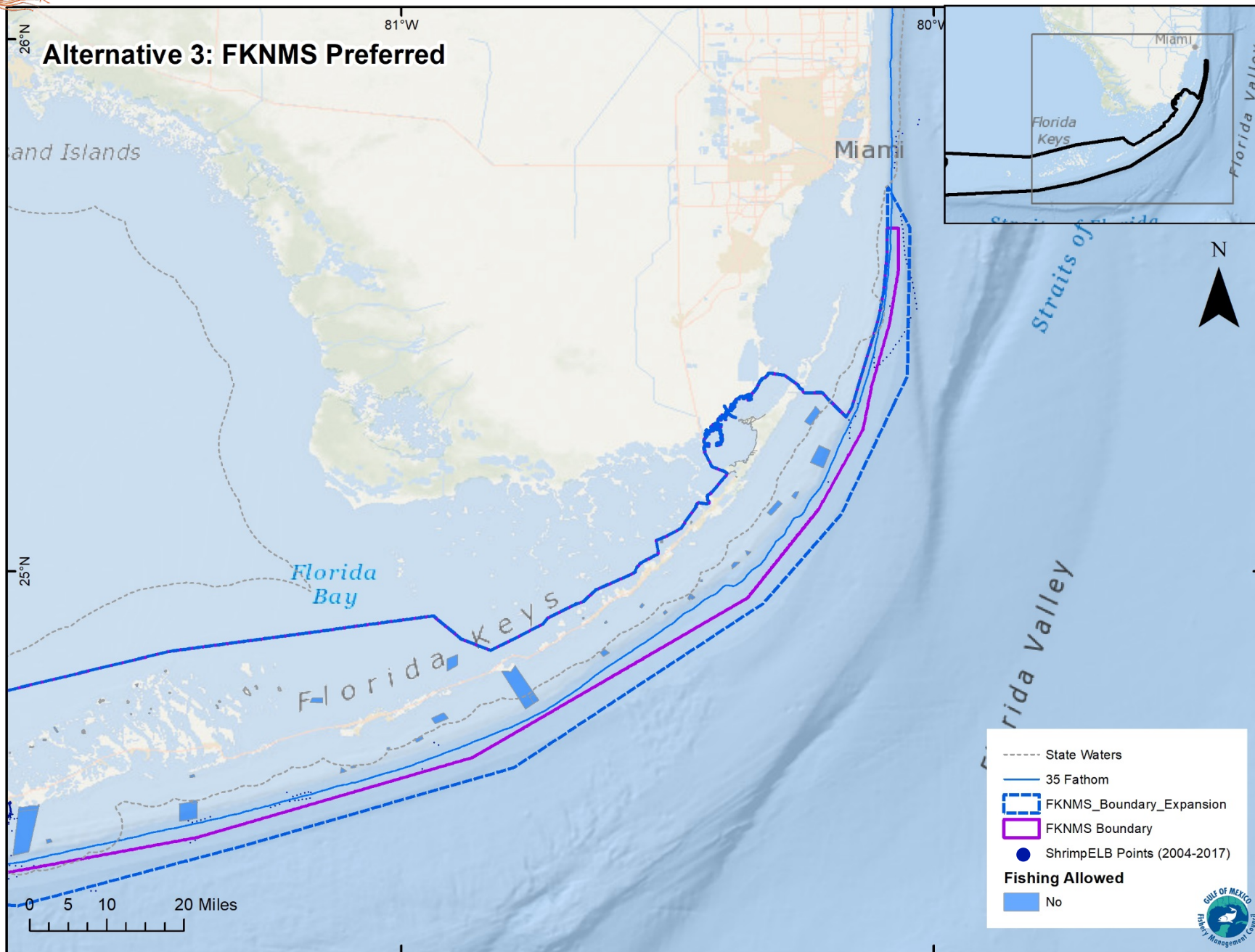








## Alternative 3: FKNMS Preferred

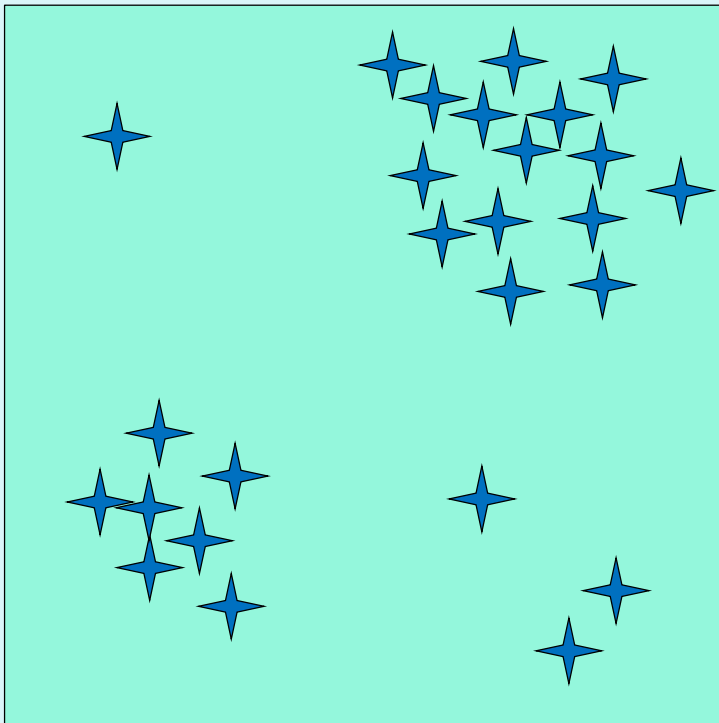




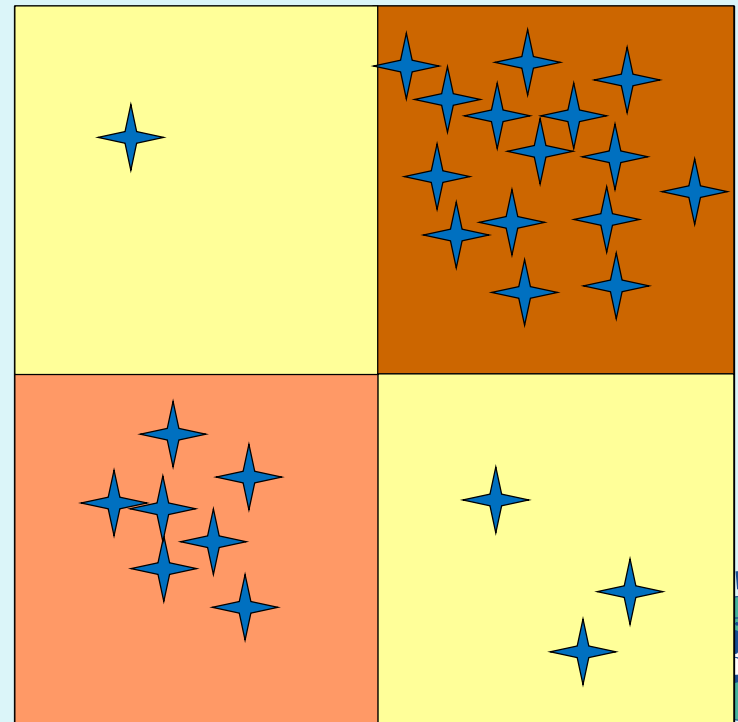
# Data Heat Maps

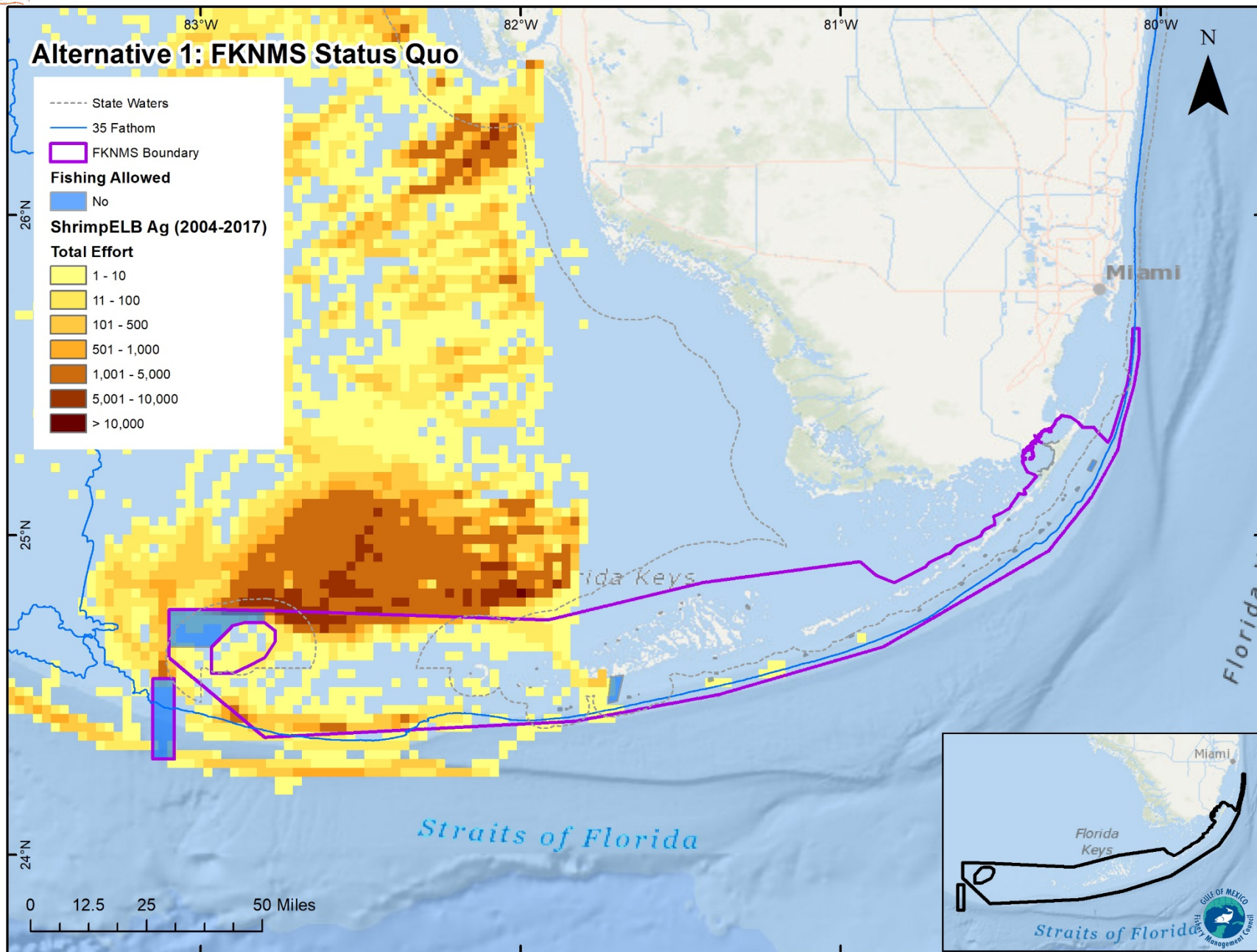
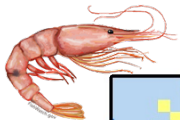
- Data are aggregated by sample size and location (3 km<sup>2</sup> grid)

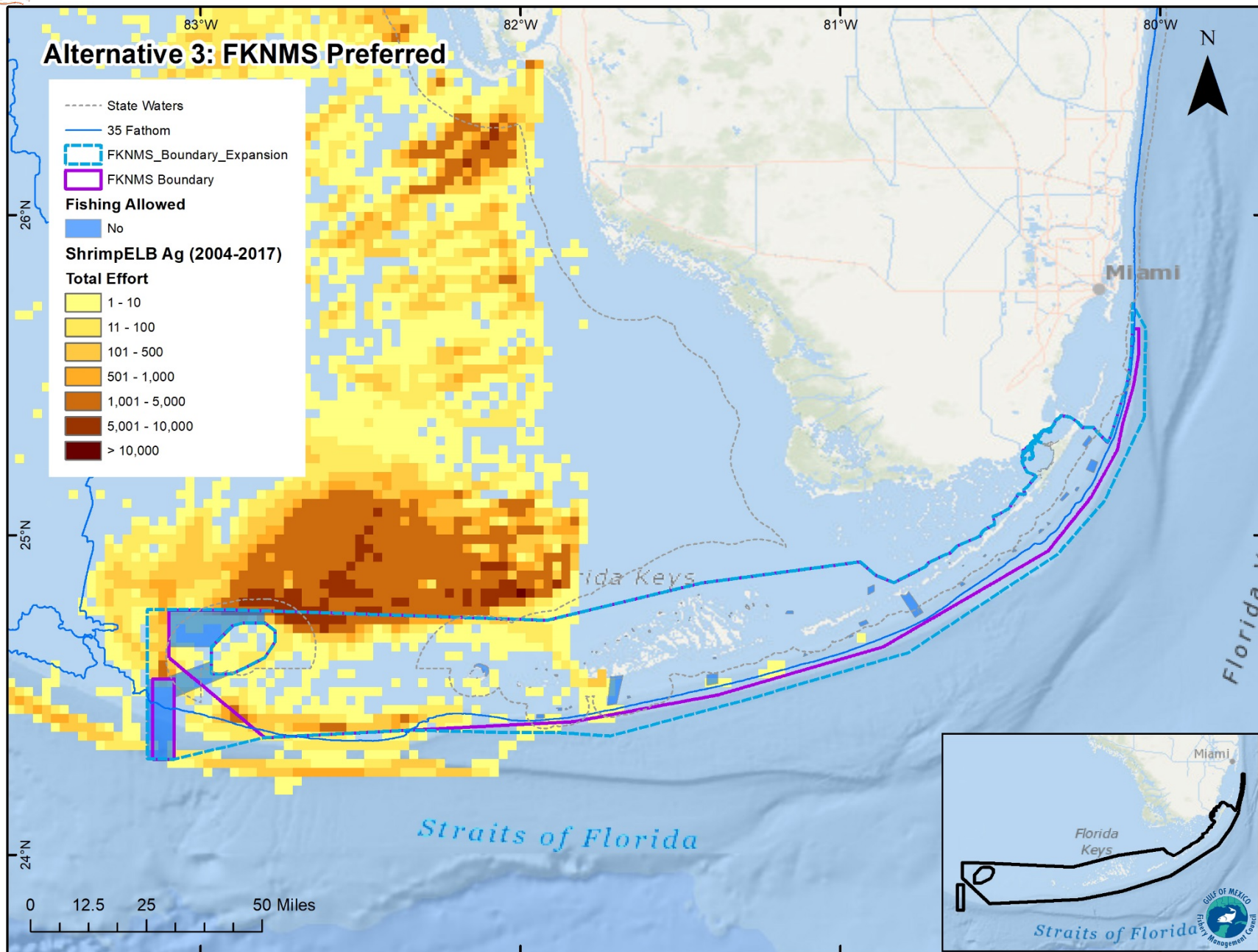
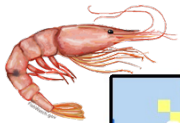
Not aggregated



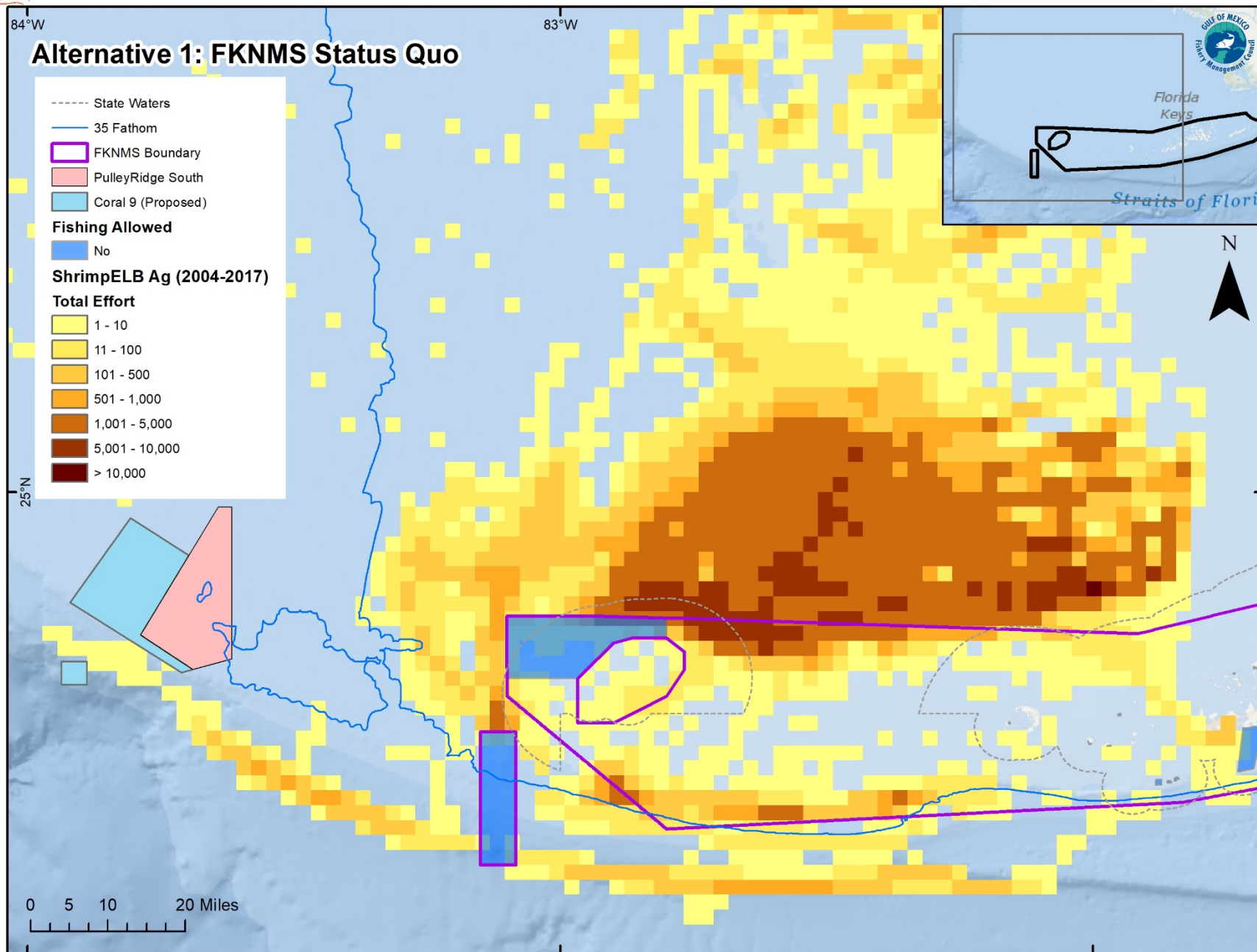
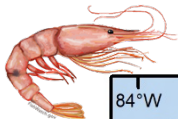
Aggregated

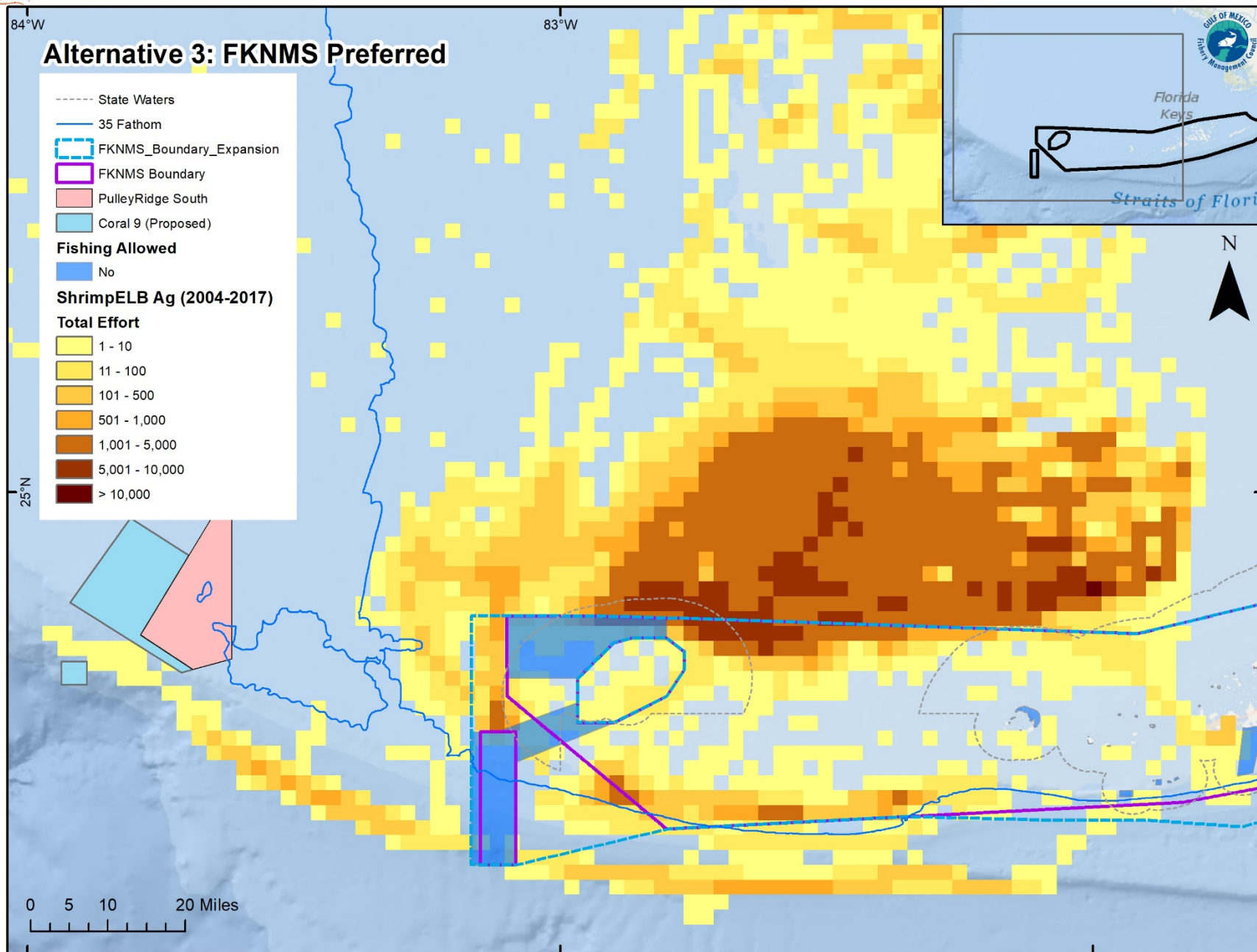
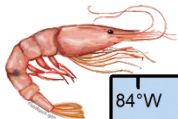




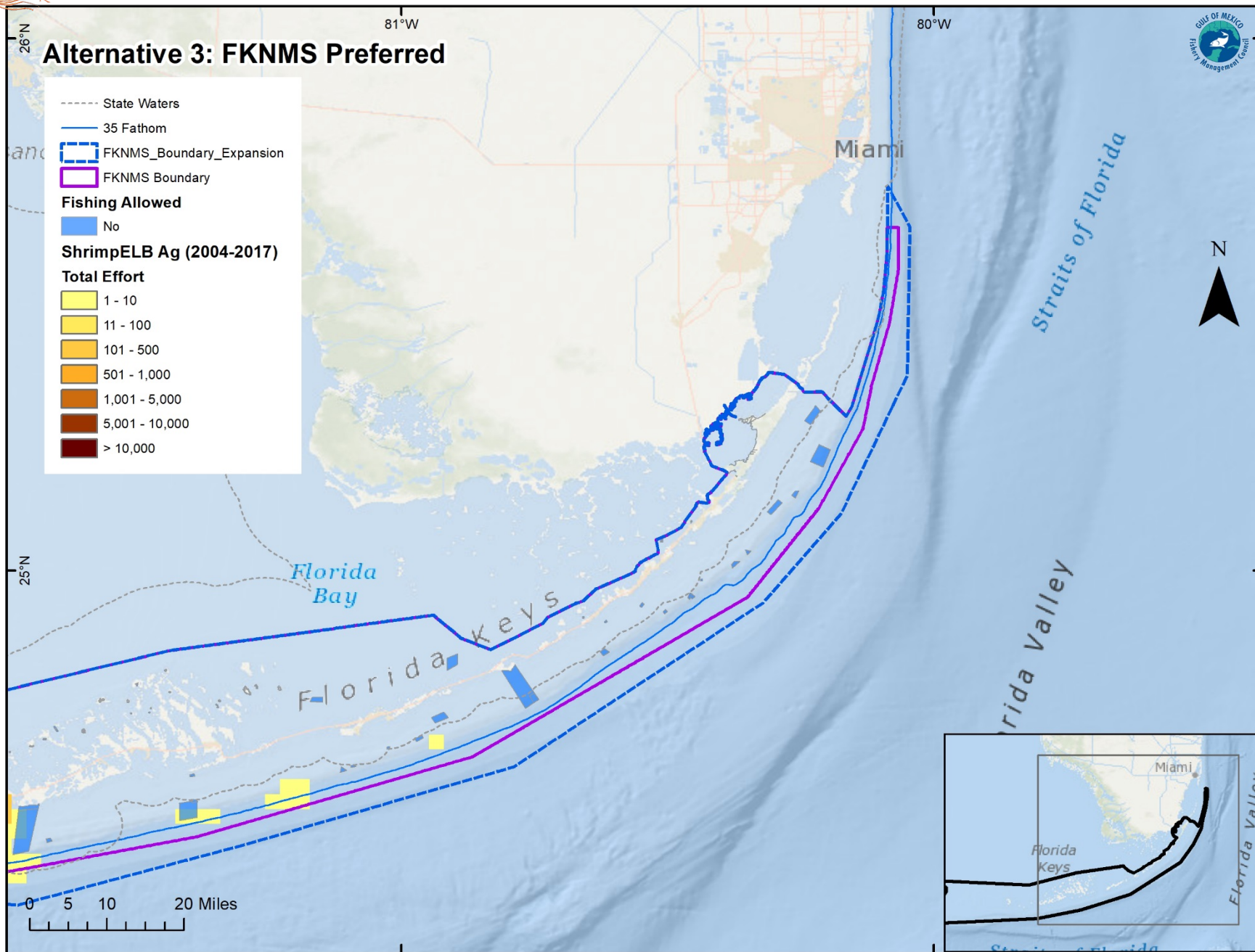
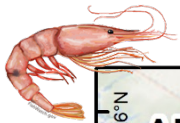














# Motions from Shrimp AP

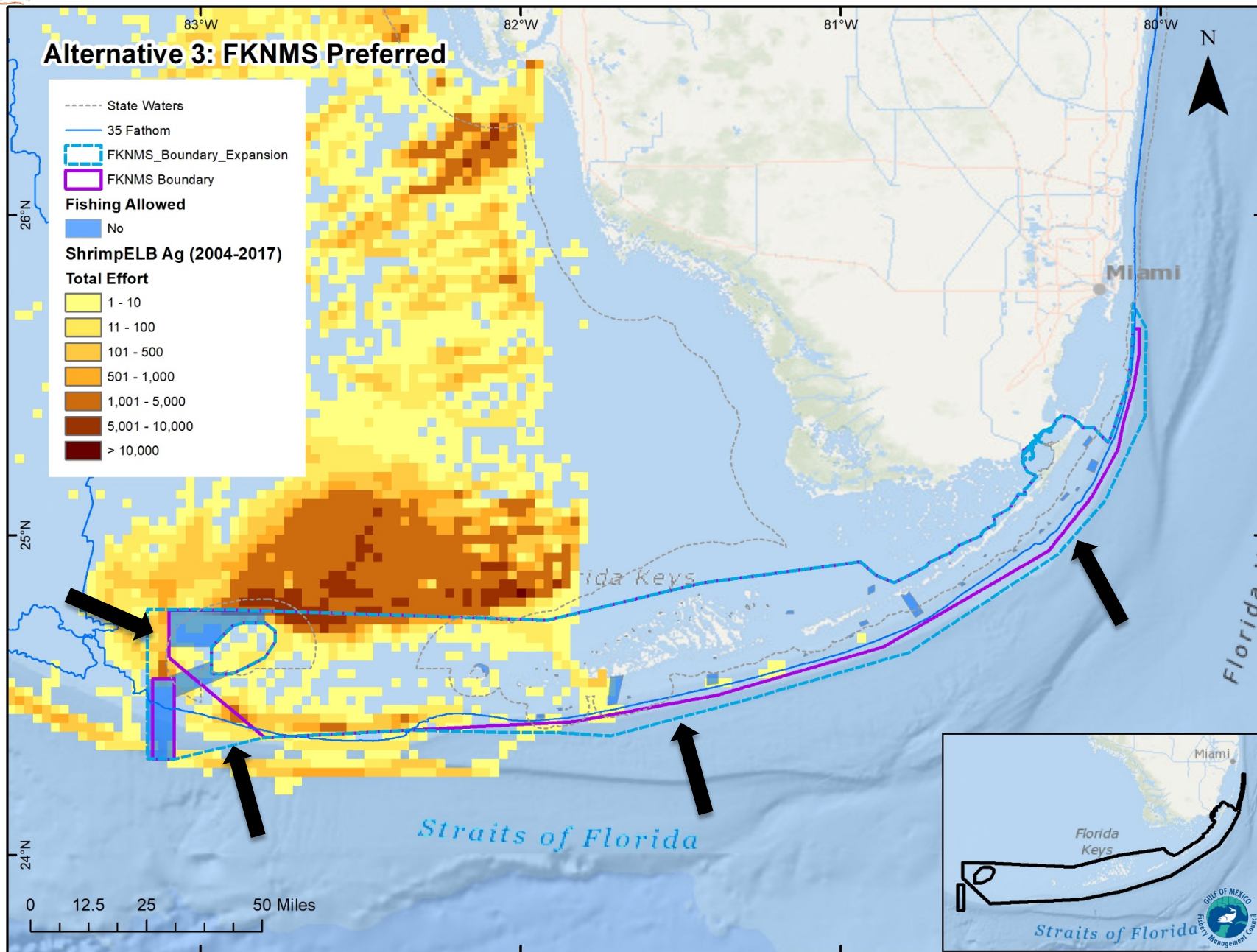
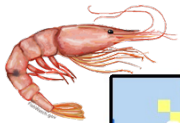
**Motion (Shrimp AP Only): to oppose the proposed northwestern expansion of the FKNMS boundary.**

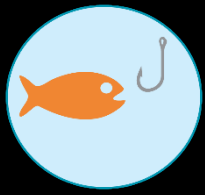
*Motion carried with no opposition.*

**Motion (Shrimp AP Only): the Shrimp AP is not in favor of the FKNMS southern boundary expansion.**

*Motion carried with no opposition.*





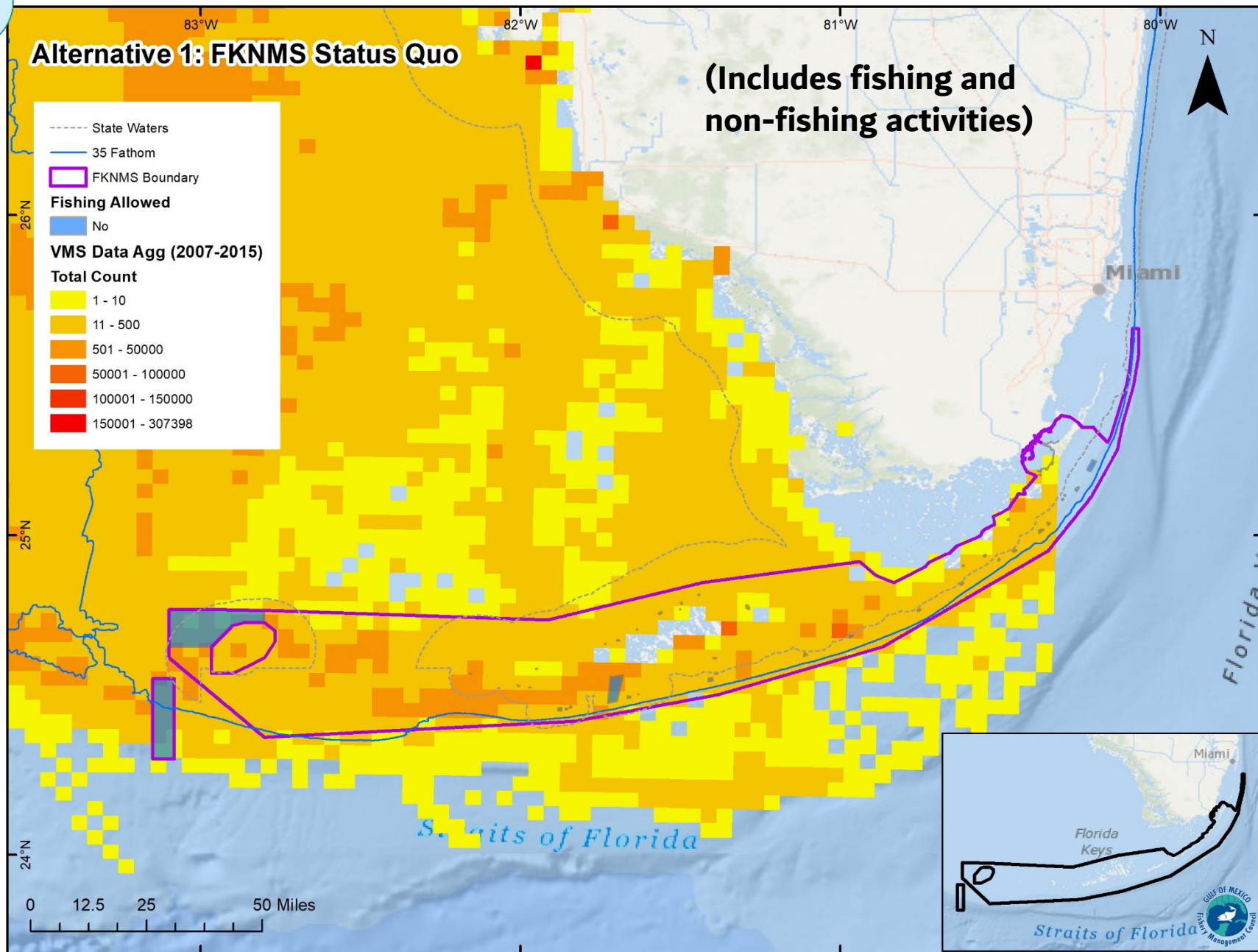
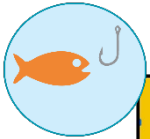


# Vessel Monitoring System (VMS)

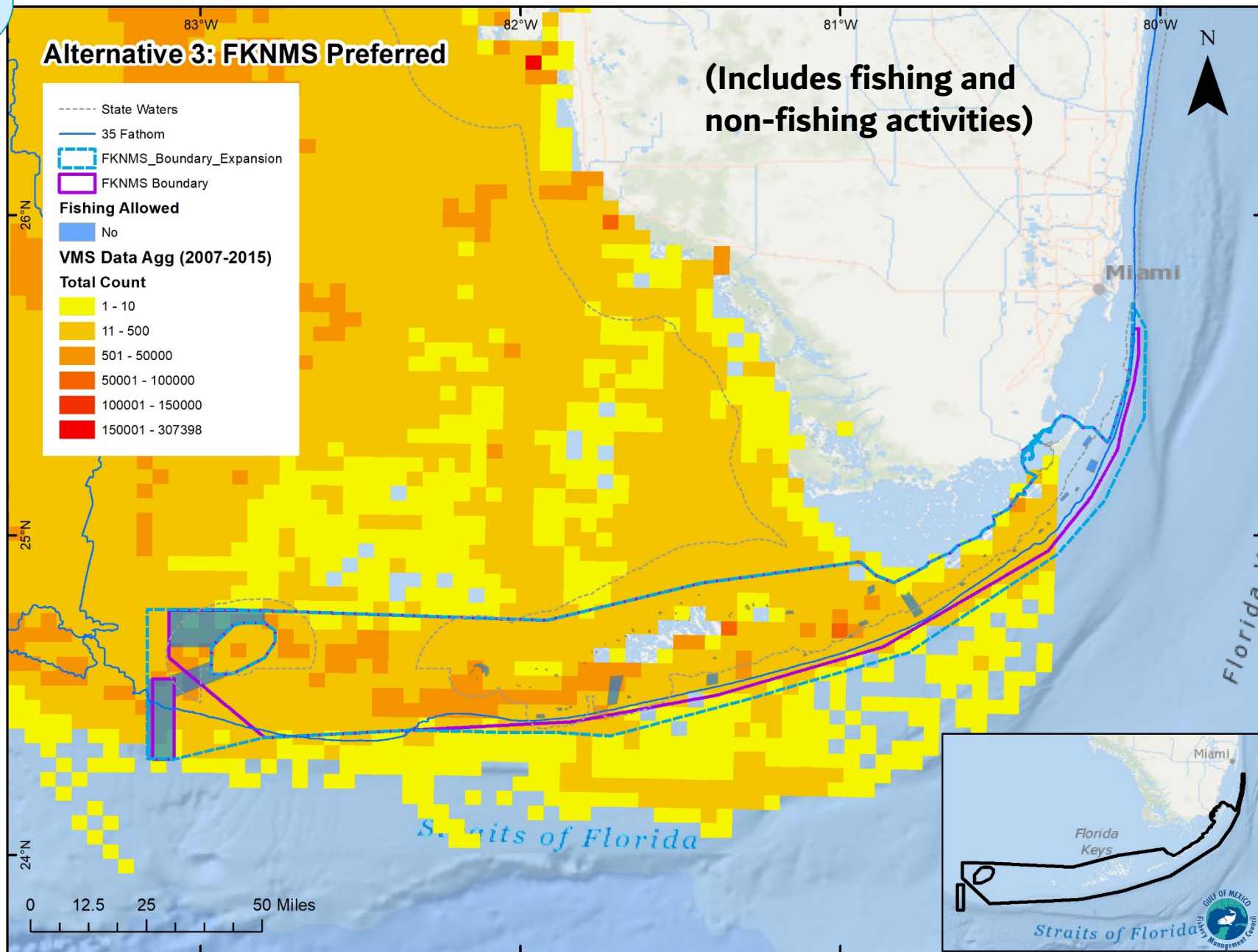
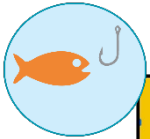
- VMS units are required on all vessels with commercial reef fish permits
  - Logs vessel ID and location once per hour
  - Includes both fishing and non-fishing points
- Data included for all bottom-tending gear (e.g., bottom longlines, automatic reels, bandit rigs)
- Aggregated data presented for March 2007 to July 2015 (5 km<sup>2</sup> grid)

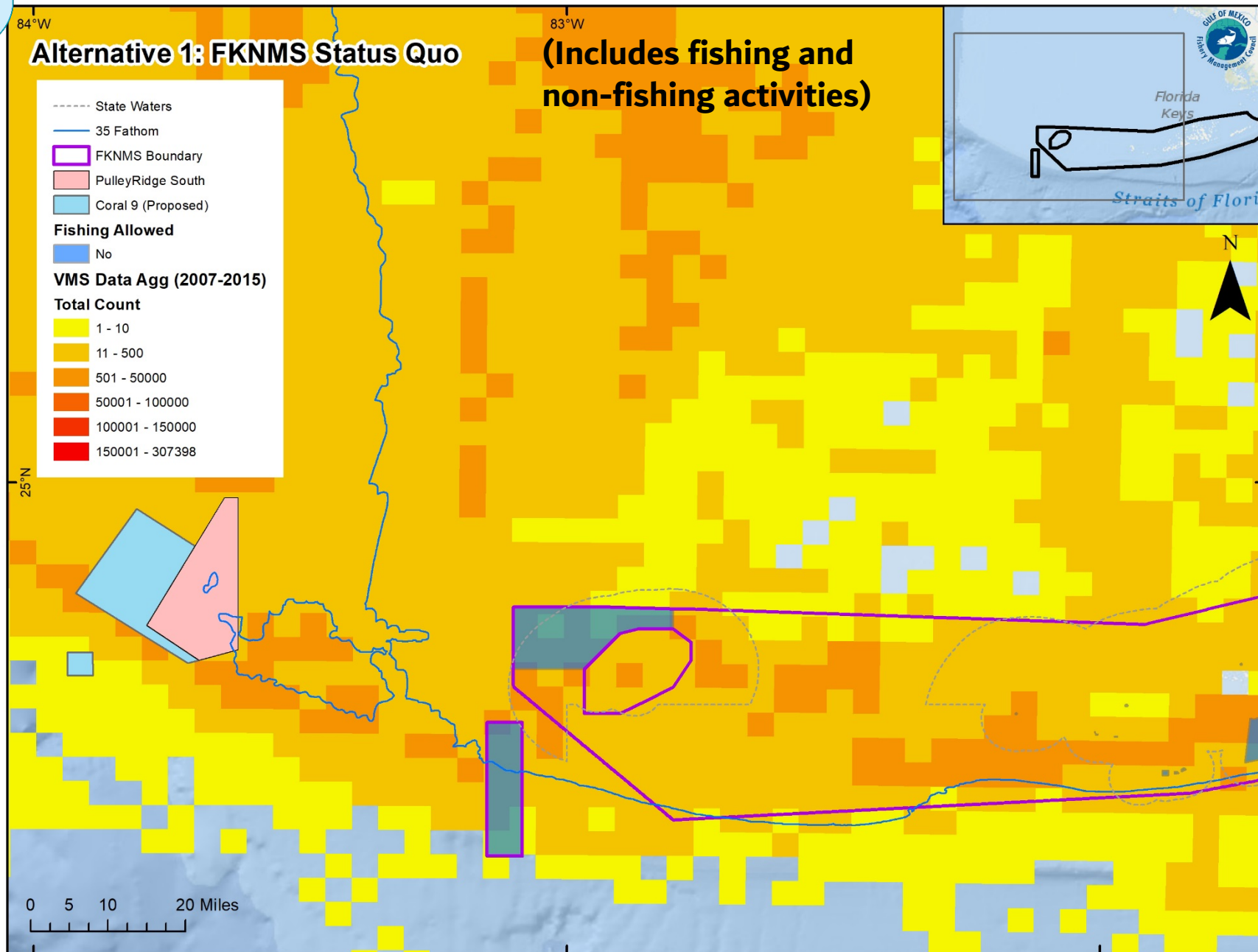
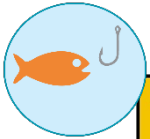


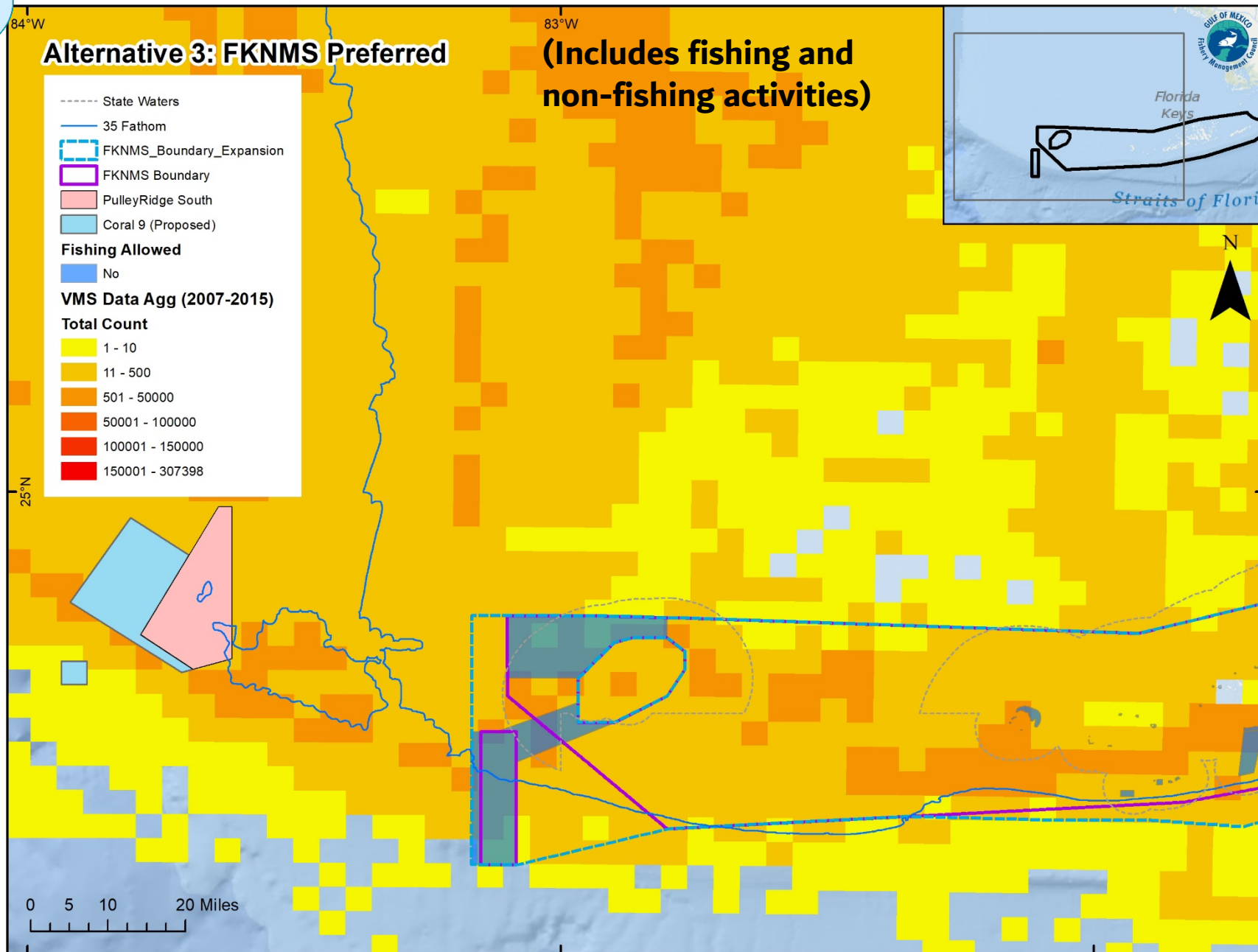
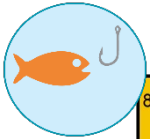




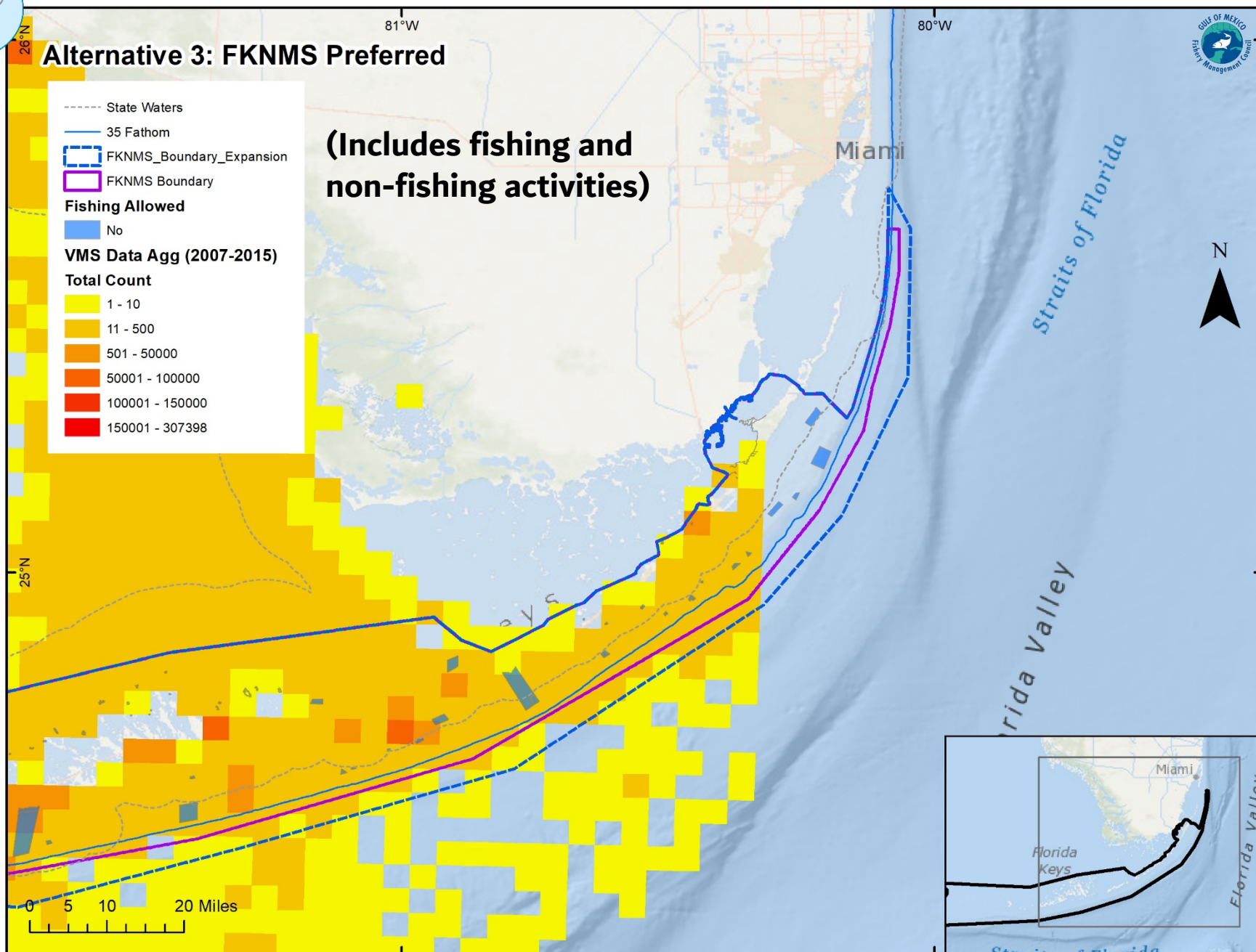
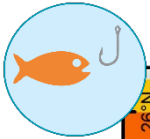












**Questions?**