



Section 102 Joint Council Workgroup: Evaluation of Zone Management

September 10, 2020

What is zone/area management?

- Use spatial boundaries to apply fine-scale management measures
- Can be used for resident or migratory species
- Largest limiting factor is the data
 - Data may not exist to manage to desired scale
 - Survey(s) may not be able to collect data at desired scale



Pros and cons...

- Pros:
 - Added flexibility to tailor management to populations
 - Marine and human
 - Customize regulations to best suit affected environment
 - Can generate improved understanding of affected populations
 - Allows improved responsiveness to changes in population dynamics
 - Changing management in one area may be possible without negatively affecting another area

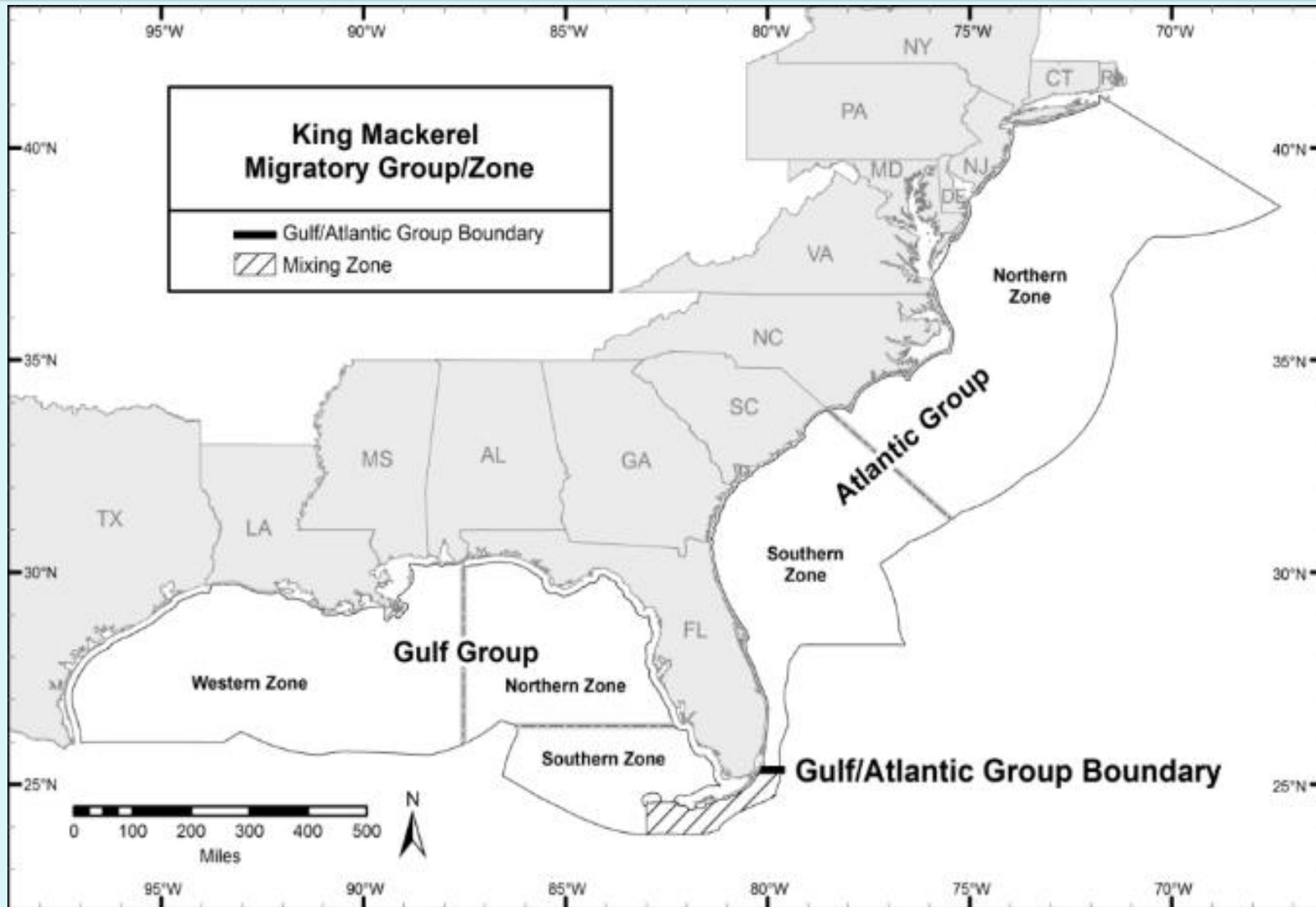


Pros and cons...

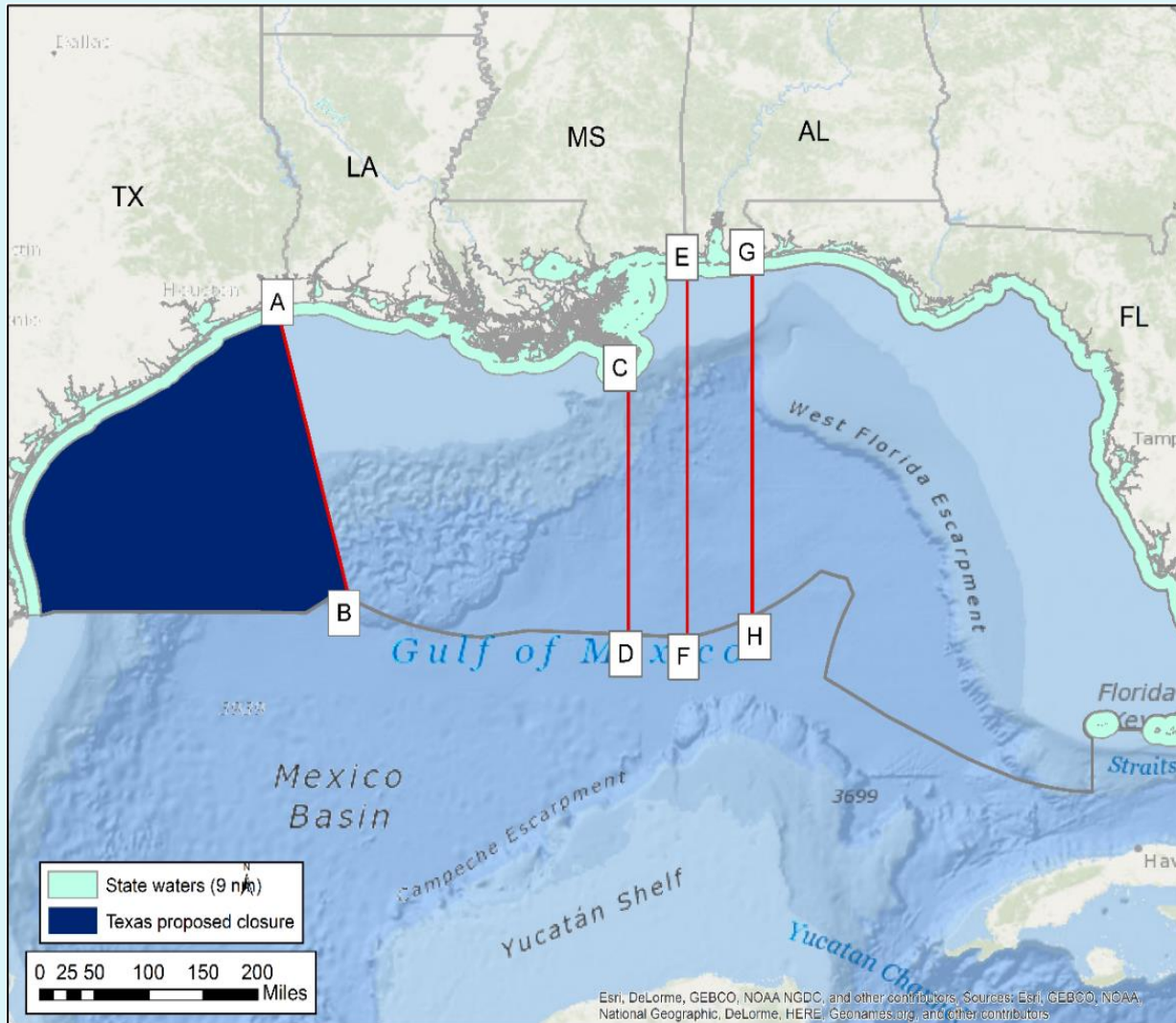
- Cons:
 - Data burden
 - Data collection and synthesis requirements increase with each layer of stratification
 - Modeling burden
 - Additional spatial stratification can be difficult to model, adds uncertainty
 - More complex regulatory environment can confound data
 - Stakeholder burden
 - Stakeholders fishing in multiple areas must know multiple sets of regulations



Example: Commercial King Mackerel



Example: Gulf Private Recreational Red Snapper



Questions?

