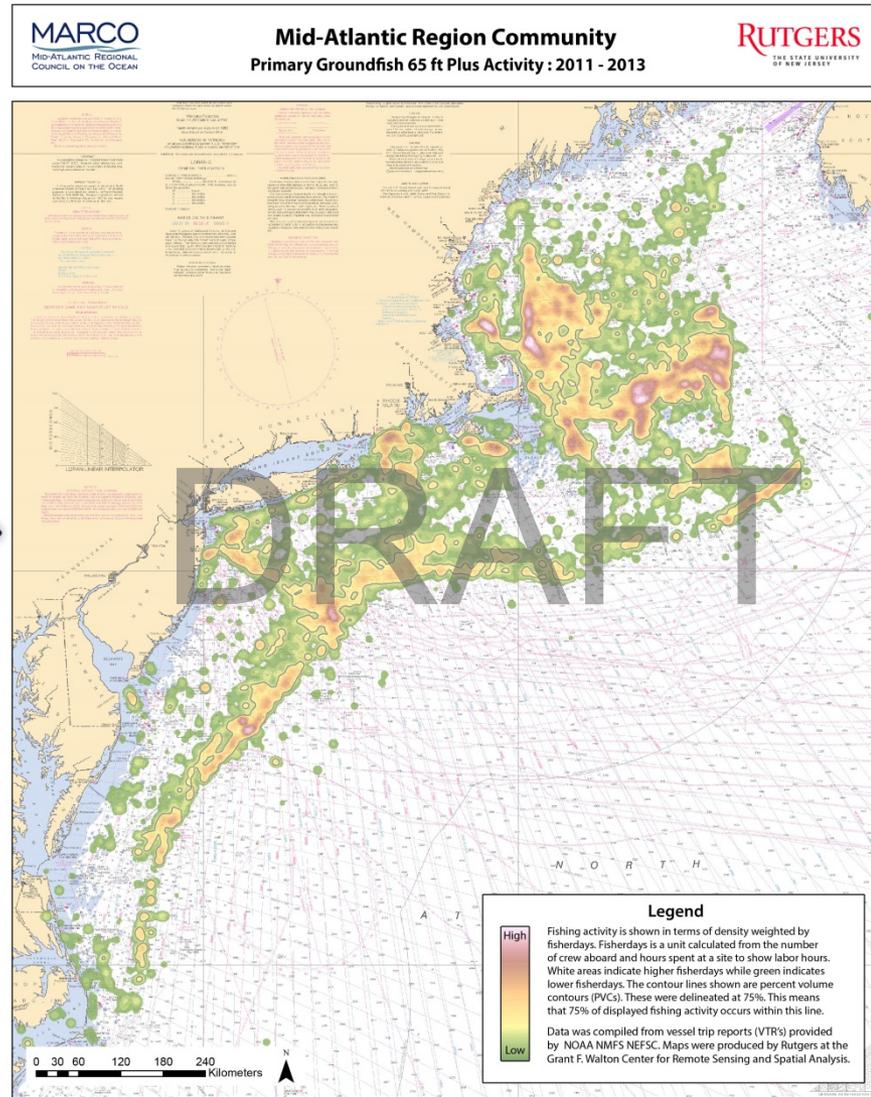
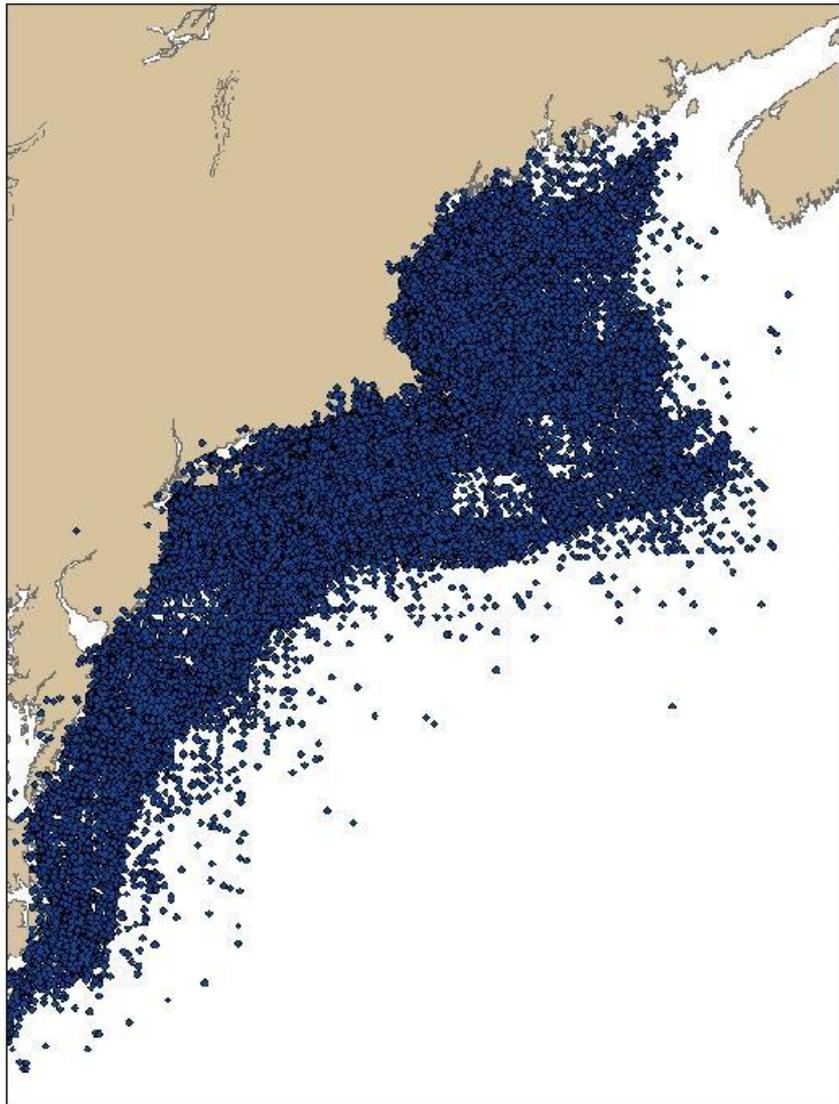


# Mapping Communities at Sea



Collaborative Fisheries Planning for Virginia's Offshore Wind Energy Area  
Best Management Practices Workshop  
September 15, 2015  
Virginia Beach, VA  
Jay Odell

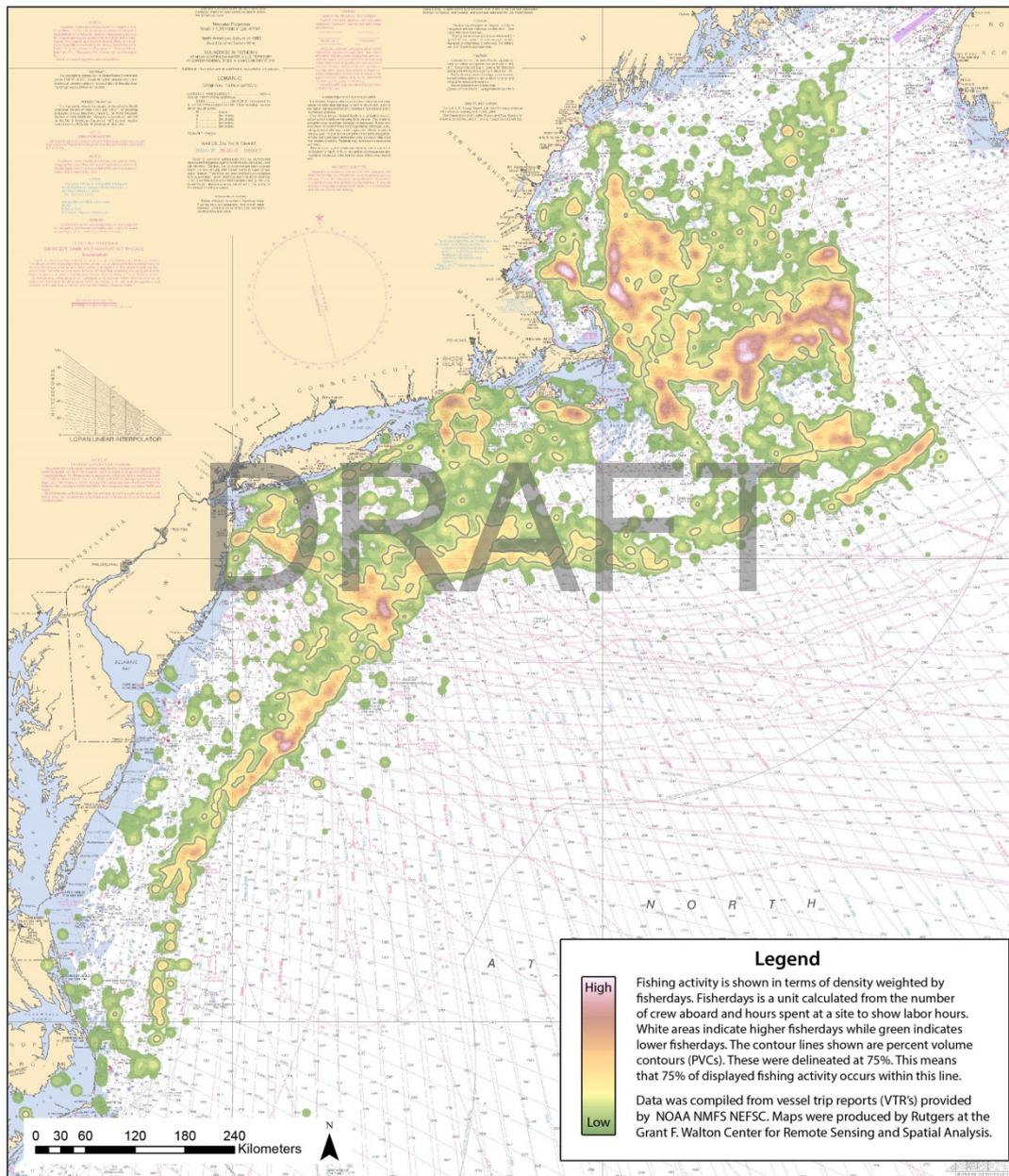
# VTR Data Summary



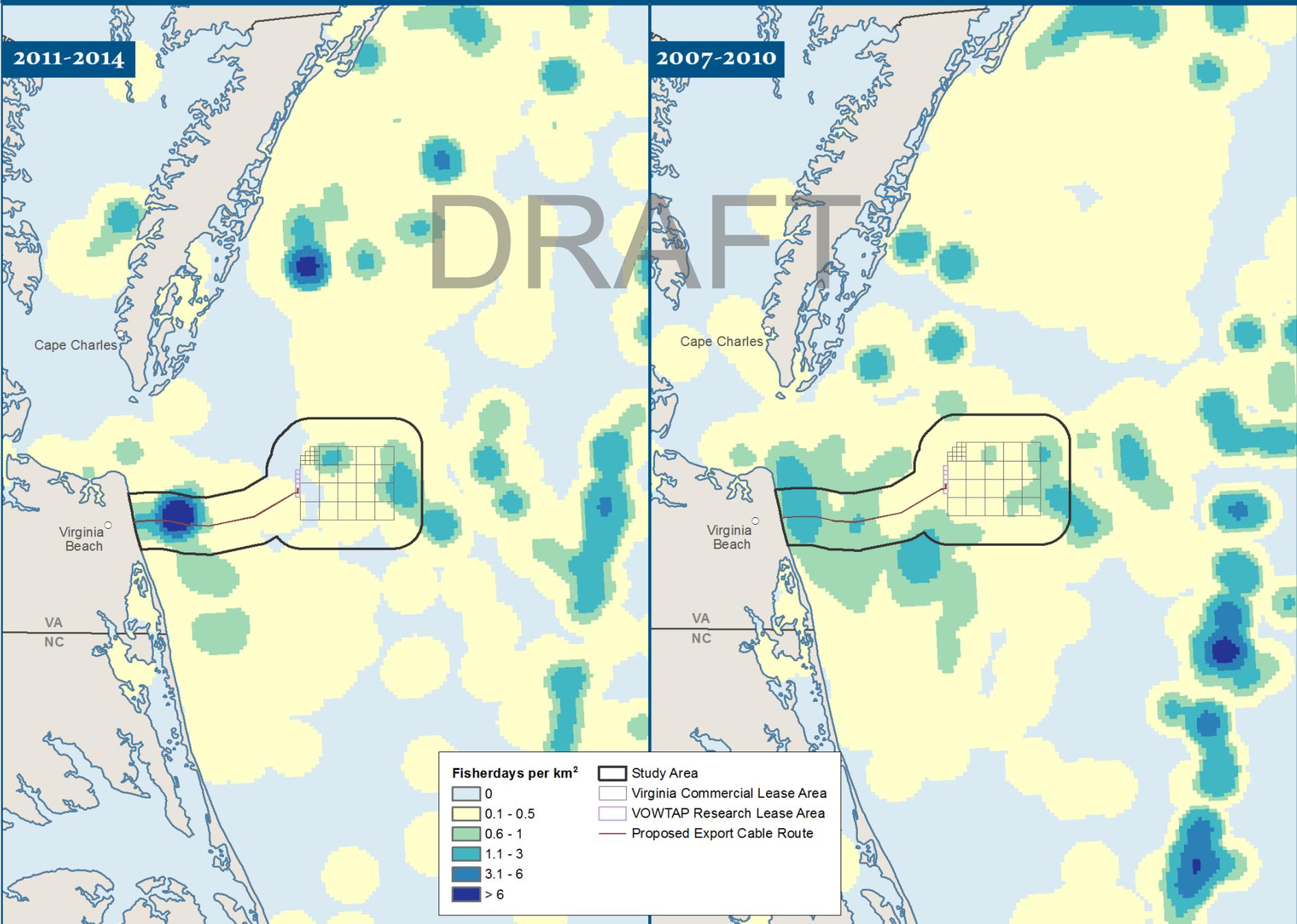
# Communities at Sea Mapping Approach

- Initial data handling & aggregation conducted by NOAA staff.
- VTR data linked with Permit database to record trip dates, number of crew on board, trip locations, port of landing, etc.
- Trip length multiplied by crew on board to estimate “fisherman days,” a measure of labor time or community presence.
- Communities defined based on gear, vessel type and home port combinations.
- Draft maps reviewed by fishing community participants before publication.

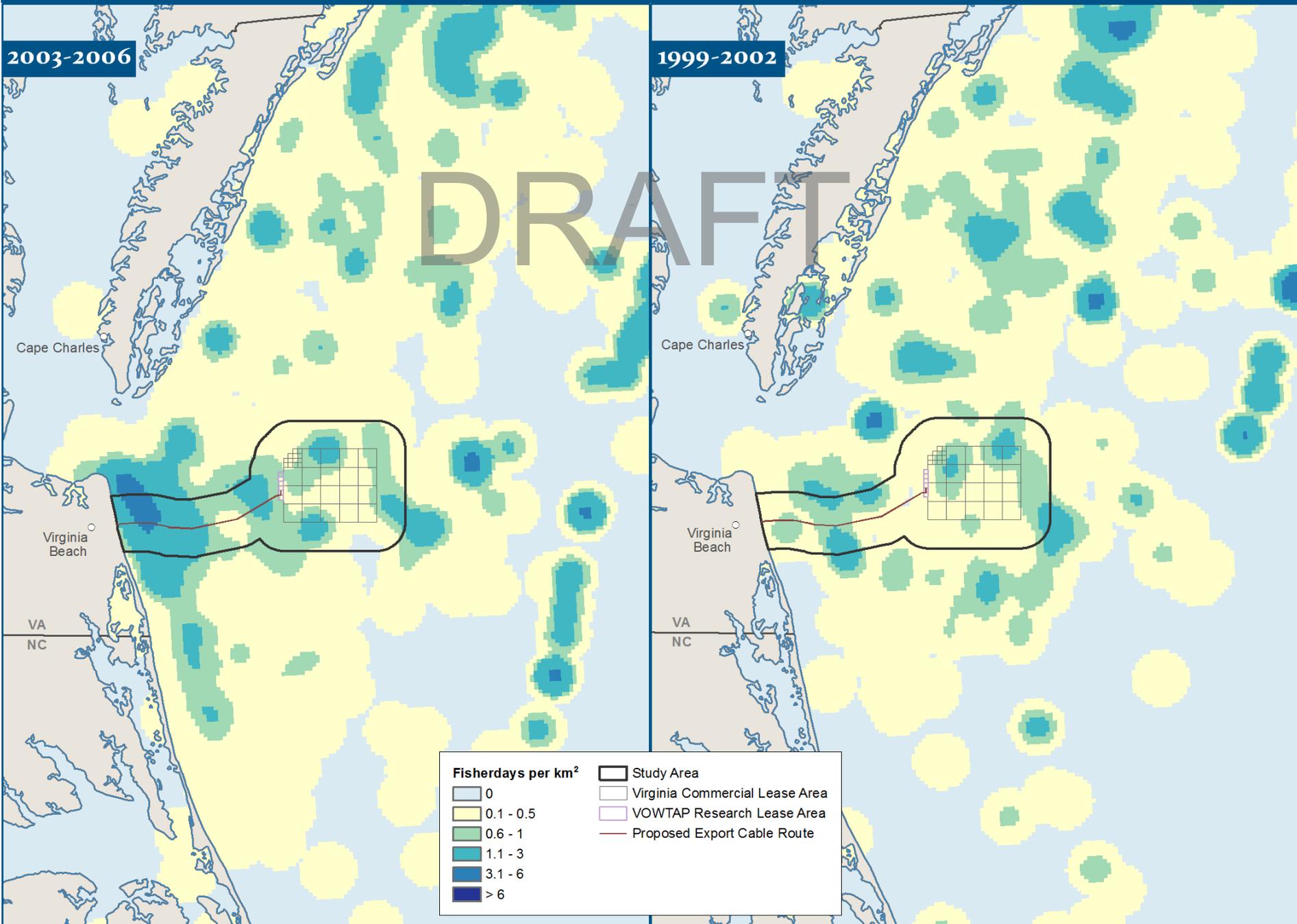




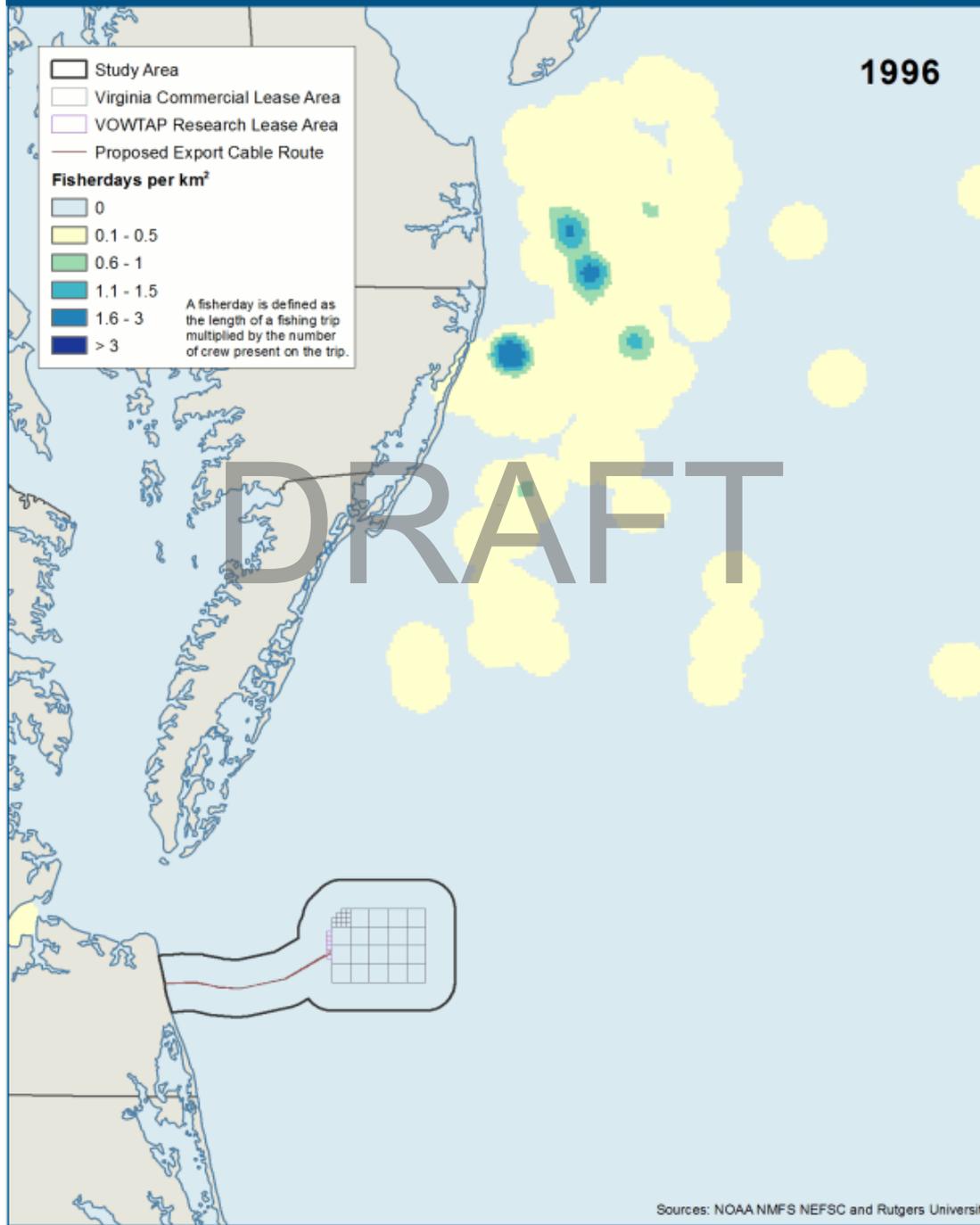
# Communities at Sea - Commercial Fishing Activity, Pots & Traps (all ports)



# Communities at Sea - Commercial Fishing Activity, Pots & Traps (all ports)



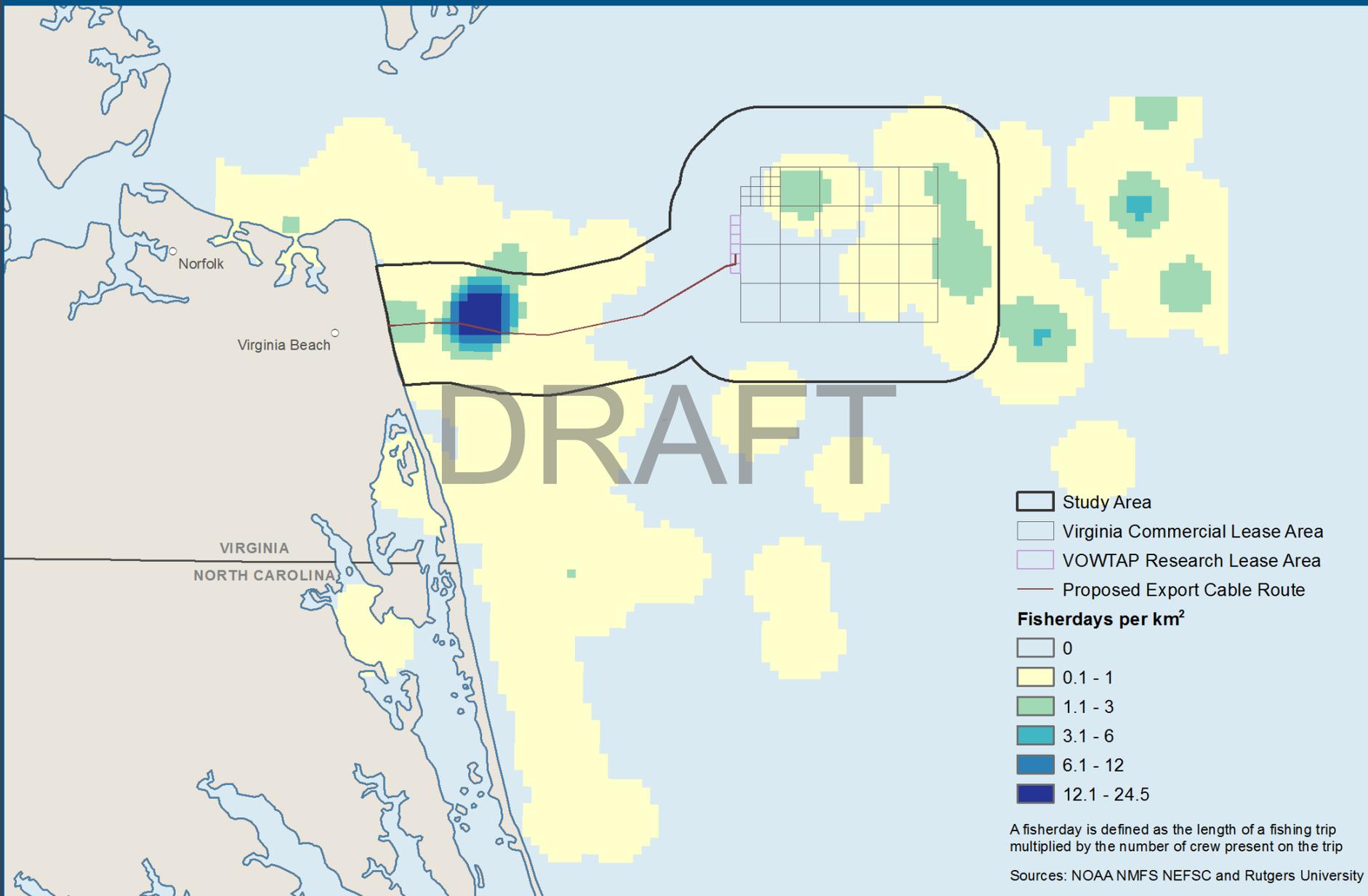
# Communities at Sea - Commercial Fishing Activity: Pots & Traps



# Communities at Sea - Commercial Fishing Activity (2011-2014)

Port: Virginia Beach, VA      Gear: Pots & Traps

Total fisherdays in study area: 1,113



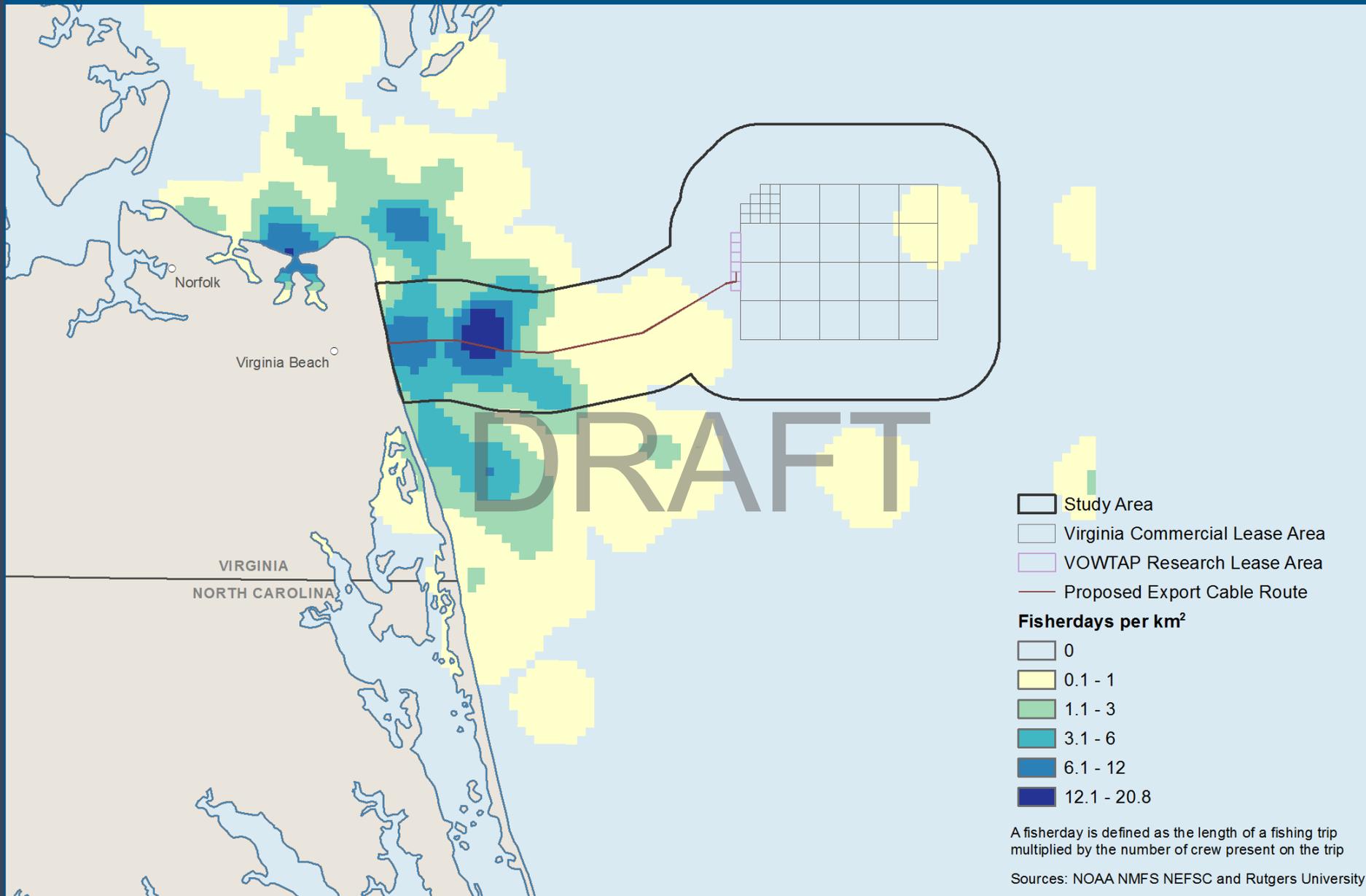
A fisherday is defined as the length of a fishing trip multiplied by the number of crew present on the trip

Sources: NOAA NMFS NEFSC and Rutgers University

# Communities at Sea - Commercial Fishing Activity (2011-2014)

Port: Virginia Beach, VA      Gear: Gillnets

Total fisherdays in study area: 1,805



A fisherday is defined as the length of a fishing trip multiplied by the number of crew present on the trip

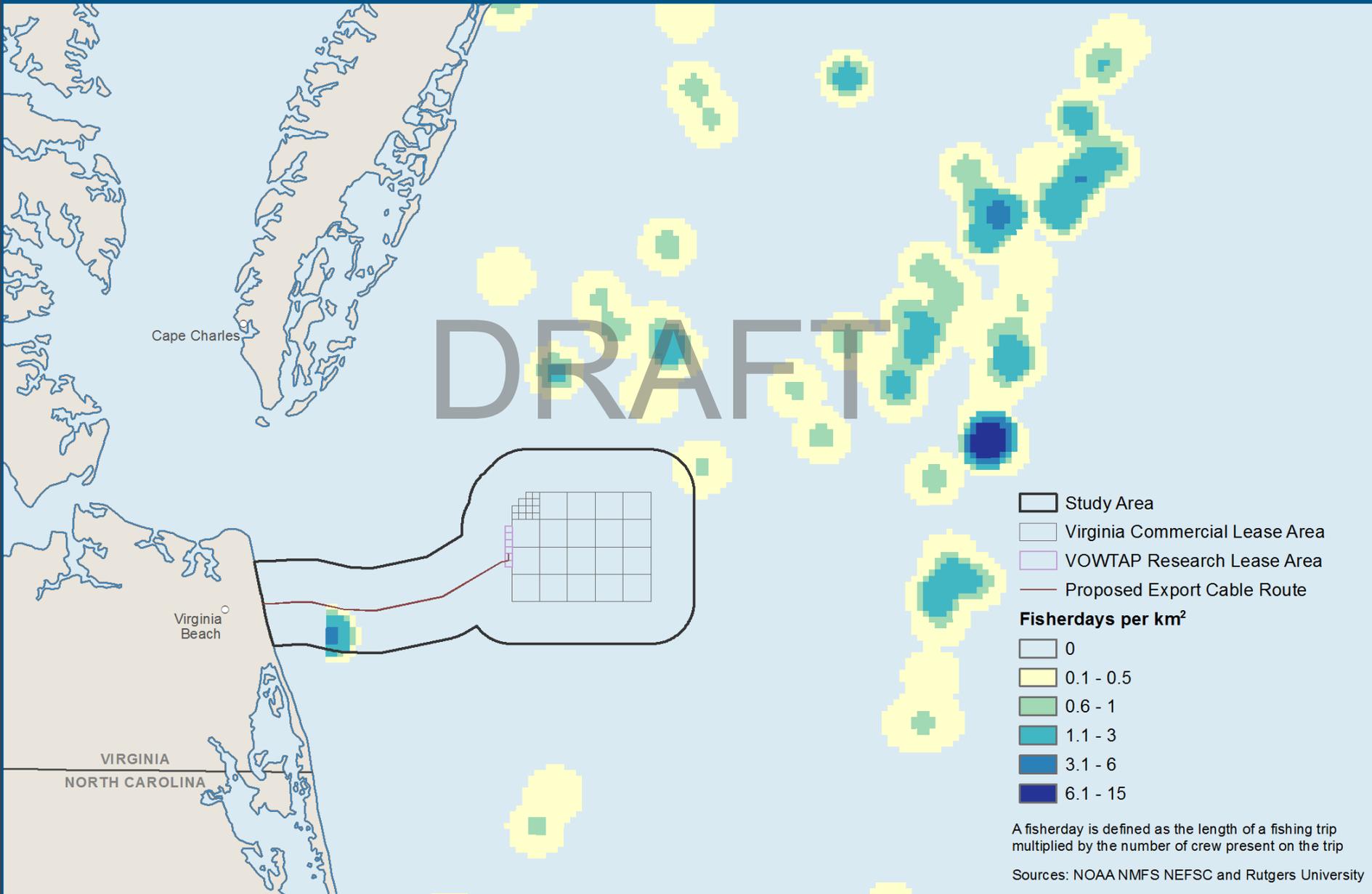
Sources: NOAA NMFS NEFSC and Rutgers University

# Communities at Sea - Commercial Fishing Activity (2011-2014)

Port: Hampton

Gear: Bottom Trawl (>65 ft vessel)

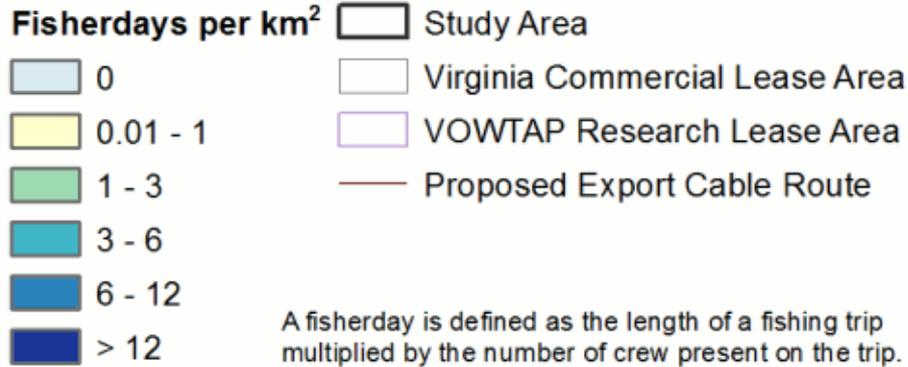
Total fisherdays in study area: 94



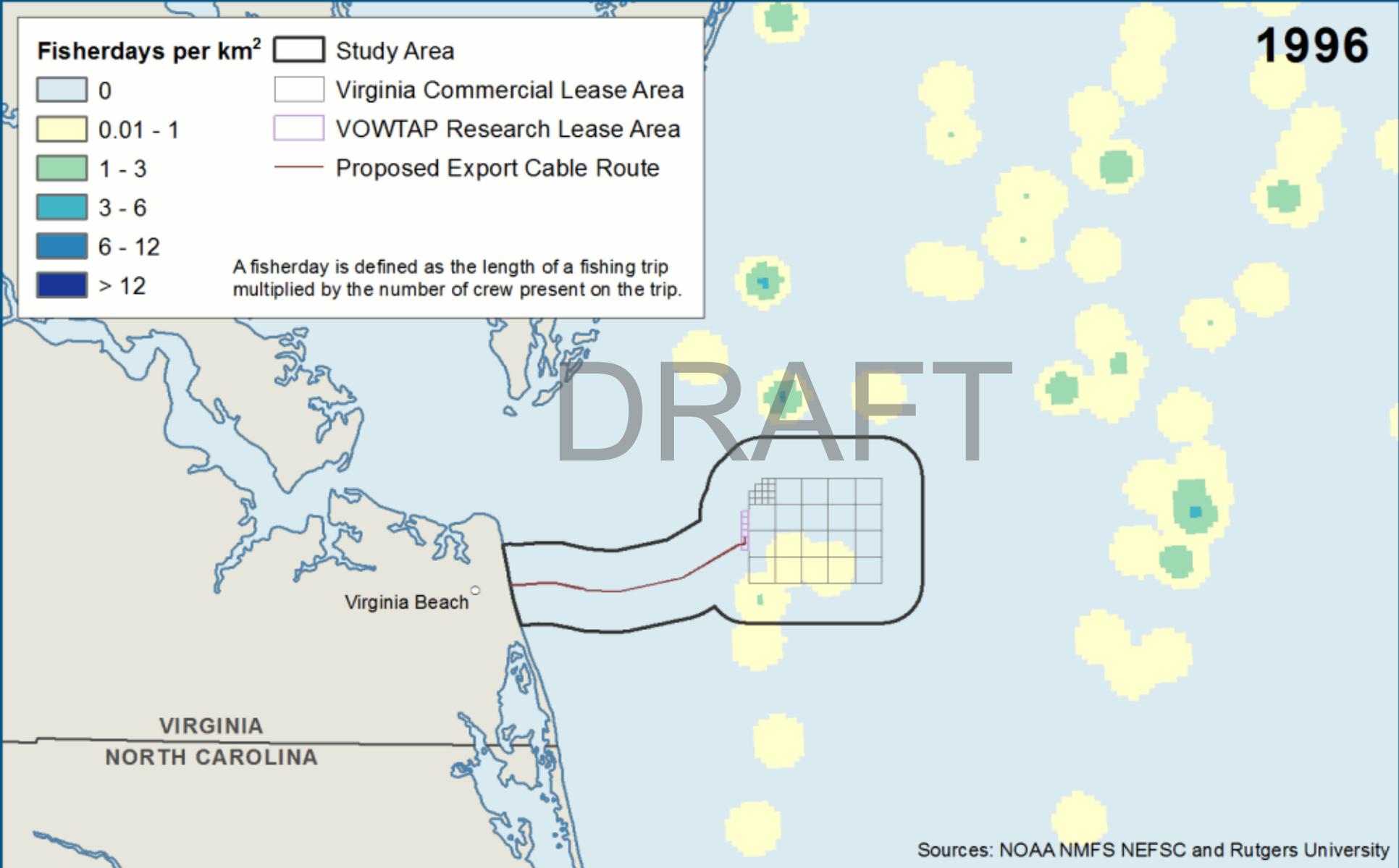
# Communities at Sea - Commercial Fishing Activity

Port: Hampton, VA      Gear: Bottom Trawl (>65 ft vessel)

1996



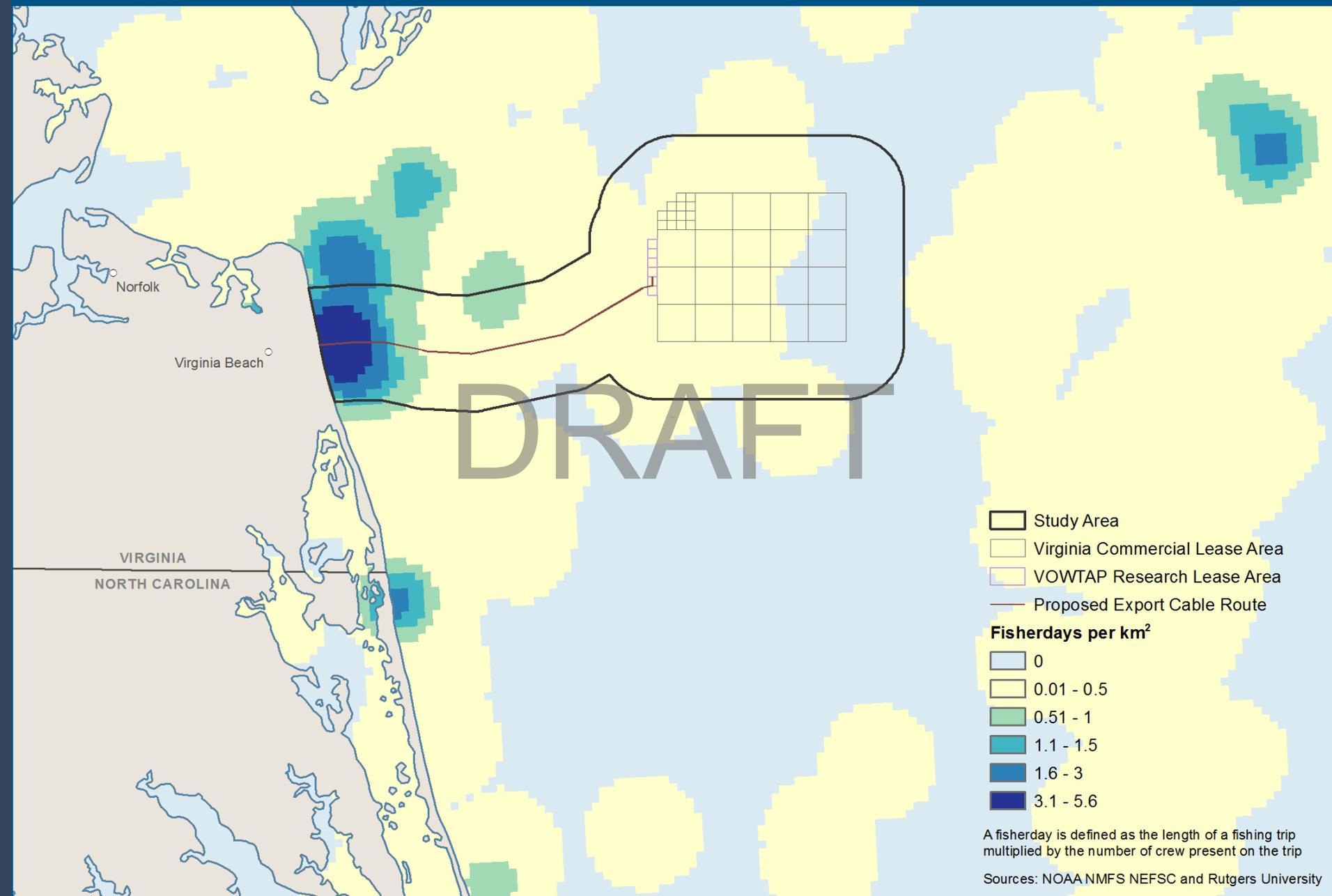
DRAFT



# Communities at Sea - Recreational Fishing Activity (2011-2014)

Virginia Beach, VA

Charter Boats



# Communities at Sea - Recreational Fishing Activity (2011-2014)

Virginia Beach, VA

Party Boats

