

Update: DoD assessment of offshore military activities and wind energy development on the Outer Continental Shelf off South Carolina

Fred Engle
Associate Director, Energy & Mission Compatibility
ODASD - Readiness
Office of the Secretary of Defense

<u>frederick.c.engle.civ@mail.mil</u> 703-693-3478

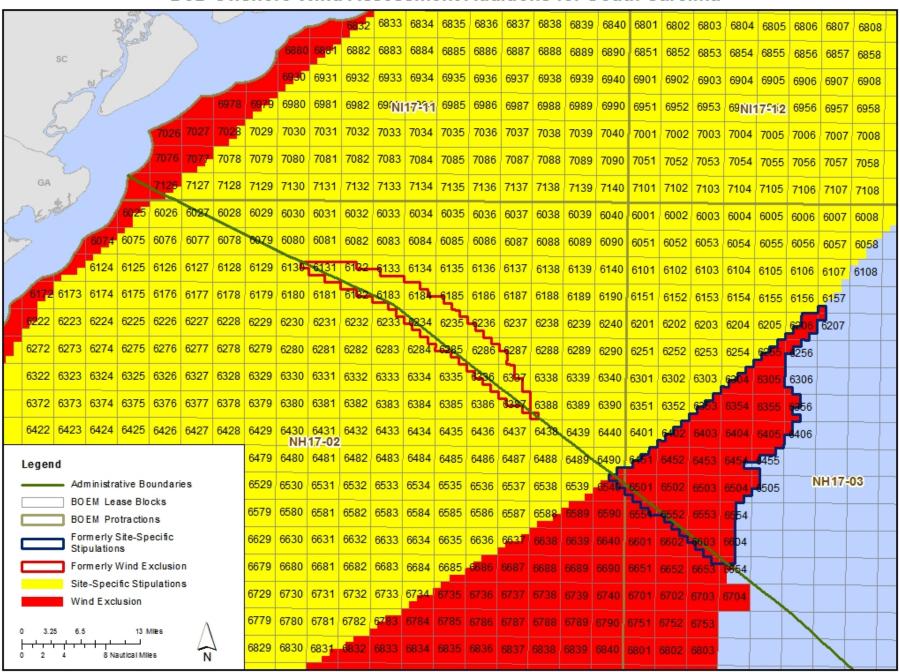


Methodology

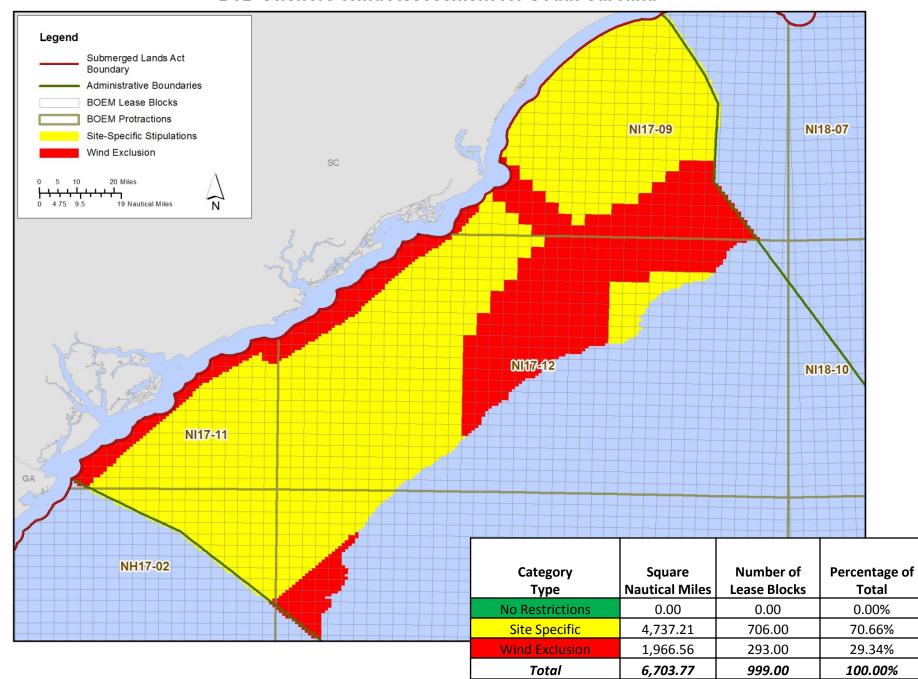
- Categorize DoD offshore equities and potential wind energy development using:
 - 1. Unrestricted
 - 2. Site Specific Stipulations
 - 3. Wind Energy Exclusion Area
- DoD Operating Areas (OPAREAs), warning areas, and radar line-of-sight ranges overlaid on BOEM lease block grid
- Extensive analysis and coordination process with the military services

DoD South Carolina Outer Continental Shelf Wind Energy Assessment ARSR-4 (USA) W122(15A) Poinsett Ft Fisher (USAF) ARSR-4 W122(16) W177A(B) SC VR1041 W177A(A) NI18-07 W122(18) W177B Charleston (Jedburg) ARSR-4 W122(20) Che NI18-10 VR1040 W161A Savanna ASR-8 Beaufort MCAS W122(22) W161B (SMSU) Charleston OPAREA Parris Island (USMC) Ft Stewart (Wright AAF) **OPAREA** GPN-30 W132A Warning Area MTR (within Surface - 0500AGL) **BOEM Protractions** OCS Lease Blocks Fort Stewart (USA) ACR - 52nm range (ARSR) ACR - 52nm range (ASR, GPN, and L) **OCS Assessment Categories** CAT 1: No Restrictions NH17-03 CAT 2: Site Specific Stipulations W157A W158C Townsend CAT 3: Wind Energy Exclusion Area Range (USMC) 10 20 40 Miles Jacksonville OPAREA 10 20 40 Nautical Miles

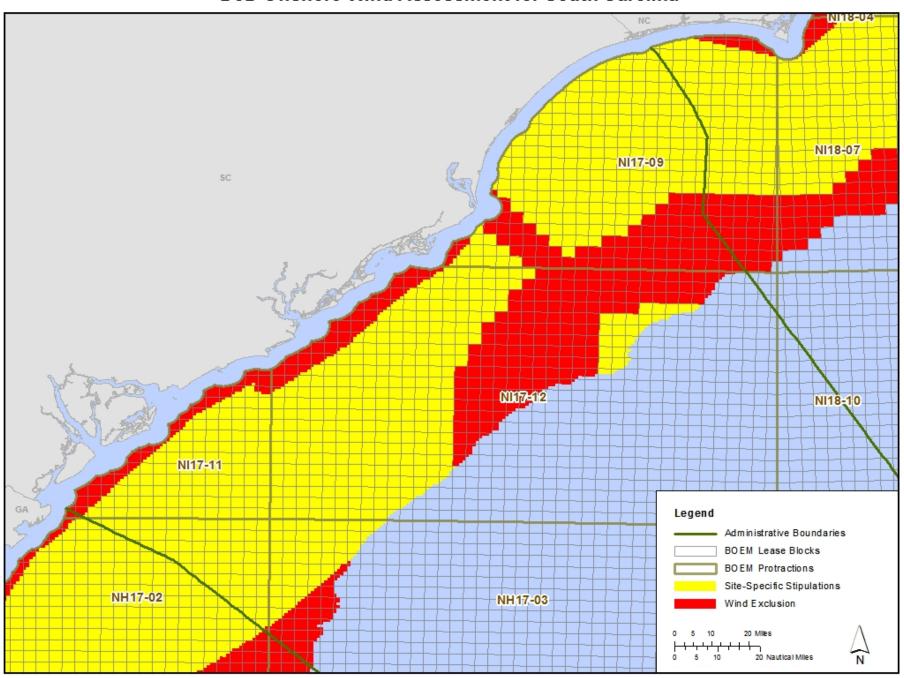
DoD Offshore Wind Assessment Additions for South Carolina



DoD Offshore Wind Assessment for South Carolina



DoD Offshore Wind Assessment for South Carolina



DoD Atlantic Offshore Wind Energy Mission Compatibility Assessment

