
United States Coast Guard

Marine Transportation Systems Management



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Washington, DC

American Association of Port Authorities
Harbors and Navigation Committee
July 25, 2011



**Homeland
Security**



ATLANTIC COAST PORT ACCESS ROUTE STUDY

ACPARS



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AUTHORITY - RESPONSIBILITY

- PORTS AND WATERWAYS SAFETY ACT (PWSA) P.L. 95-474; 33 U.S.C. 1223
 - Congress finds:
 - Navigation, vessel safety, protection of the marine environment are matters of national importance
 - Increased vessel traffic creates substantial hazard to life, property and the marine environment
 - Increased supervision of vessel and port operations
 - Advance planning critical in determining proper and adequate protective measures

AUTHORITY - RESPONSIBILITY

- SECRETARY OF HOMELAND SECURITY

- In order to “provide safe access routes ... to and from ports or other places... United States.”
- “Designate necessary fairways and traffic separation schemes for vessels operating in the territorial sea of the U.S. and in high seas approaches, outside the territorial sea, to such ports or places. Such a designation shall recognize, within the designated area, the paramount right of navigation over all other uses.”
- Delegated to the Coast Guard



REQUIREMENTS

- REQUIRED WHEN WE CONSIDER NECESSITY FOR CREATION OF FAIRWAYS OR TRAFFIC SEPARATION SCHEME(S) (TSS)

- OPTIONAL FOR OTHER ROUTING MEASURES
 - RECOMMENDED ROUTES
 - ANCHORAGE/NO ANCHORAGE AREA
 - AREA TO BE AVOIDED (ATBA)

OBJECTIVES

- DEFINE NEED
- TRAFFIC DENSITY (Present and future)
- FORM/TYPE OF MEASURE(S)
- EXISTING MEASURE(S): STILL NEEDED?
- MANDATORY USE FOR CERTAIN CLASSES OF VESSELS

INITIAL REVIEW

- REVIEW ORIGINAL AND SUBSEQUENT STUDIES
- DETERMINE IF CONDITIONS HAVE CHANGED TO WARRANT THE NEW STUDY

STUDY ITSELF

- IDENTIFY STUDY AREA
- NOTICE OF STUDY IN FED REG
 - GEOGRAPHIC DESCRIPTION OF AREA
 - INVITE PUBLIC COMMENT
 - PRESENT ISSUES AND QUESTIONS
 - EXPLANATION OF CONTEMPLATED ACTIONS AND IMPACTS
- CONSULTATIONS
 - VARIOUS FEDERAL AND STATE AGENCIES
 - MARITIME COMMUNITY
 - *PORT AND HARBOR AUTH/ASSOC*
 - *LOCAL CITIZEN GROUPS*



STUDY ITSELF (CON'T)

- COLLECT DATA
 - VESSEL TRAFFIC CHARACTERISTICS
 - FISHING (COMMERCIAL/TRIBAL)
 - REC BOATING TRAFFIC
 - DOD ACTIVITIES
 - OCS RESOURCE DEVELOPMENT
 - ENVIRONMENTAL FACTORS
 - DREDGING PROJECTS
 - ECONOMIC IMPACT
- ANALYZE DATA
- RECOMMEND ROUTING MEASURE(S)

STUDY COMPLETE

- NOTICE OF STUDY RESULTS (NOSR) PUBLISHED IN FED REG
- RECOMMENDATIONS:
 - FEDERAL RULEMAKING REQUIRED
 - IMO MEASURE REQUIRED
 - BOTH
 - NOAA - Develop measures / present for charting

FEDERAL RULEMAKING PROCESS / TIMELINE

NOSR PUBLISHED	START DATE
WORKPLAN	60 – 80 DAYS
NPRM	240 – 275 DAYS
FINAL RULE	250 DAYS
EFFECTIVE DATE	30 DAYS
TOTAL TIME	580 – 635 DAYS



IMO MEASURES

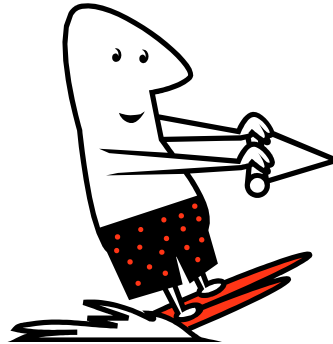
- PARS COMPLETED
 - IDENTIFIES ROUTING MEASURE(S)
REQUIRING IMO ADOPTION
 - CGHQ (CG-553) DEVELOPS IMO NOTE
 - BACKGROUND/JUSTIFICATION FOR
MEASURE
 - ANNEX(ES) TO BE INCLUDED IN SHIPS'
ROUTEING GUIDE
 - CHARTLET(S)

TIMELINE

ODD	APRIL 2011	PROPOSALS (ODD) DUE IN NAV SUBCOMMITTEE
YEAR	JULY 2011	NAV APPROVES PROPOSAL
	NOV 2011	ASSEMBLY MEETS – NO MSC MEETING
	APRIL - MAY 2012	MSC ADOPTS PROPOSAL
	DEC 2012	PROPOSALS (ODD) IMPLEMENTED
EVEN	APRIL 2012	PROPOSALS (EVEN) DUE IN NAV SUBCOMMITTEE
YEAR	JULY 2012	NAV APPROVES PROPOSAL
	NOV 2012	MSC ADOPTS PROPOSAL
	JULY 2013	PROPOSALS (EVEN) IMPLEMENTED
ODD	APRIL 2013	PROPOSALS (ODD) DUE IN NAV SUBCOMMITTEE
YEAR	JULY 2013	NAV APPROVES PROPOSAL
	NOV 2013	ASSEMBLY MEETS – NO MSC MEETING
	APRIL - MAY 2014	MSC ADOPTS PROPOSAL
	DEC 2014	PROPOSALS (ODD) IMPLEMENTED



WHY? MULTIPLE/COMPETING USES



RENEWABLE ENERGY

- Wind Farm
- Hydrokinetic
 - Currents
 - Waves
 - Tides
 - Thermal Energy Conversion
 - Streaming/Free-flowing
 - Rivers, lakes, streams
- Other
 - Solar

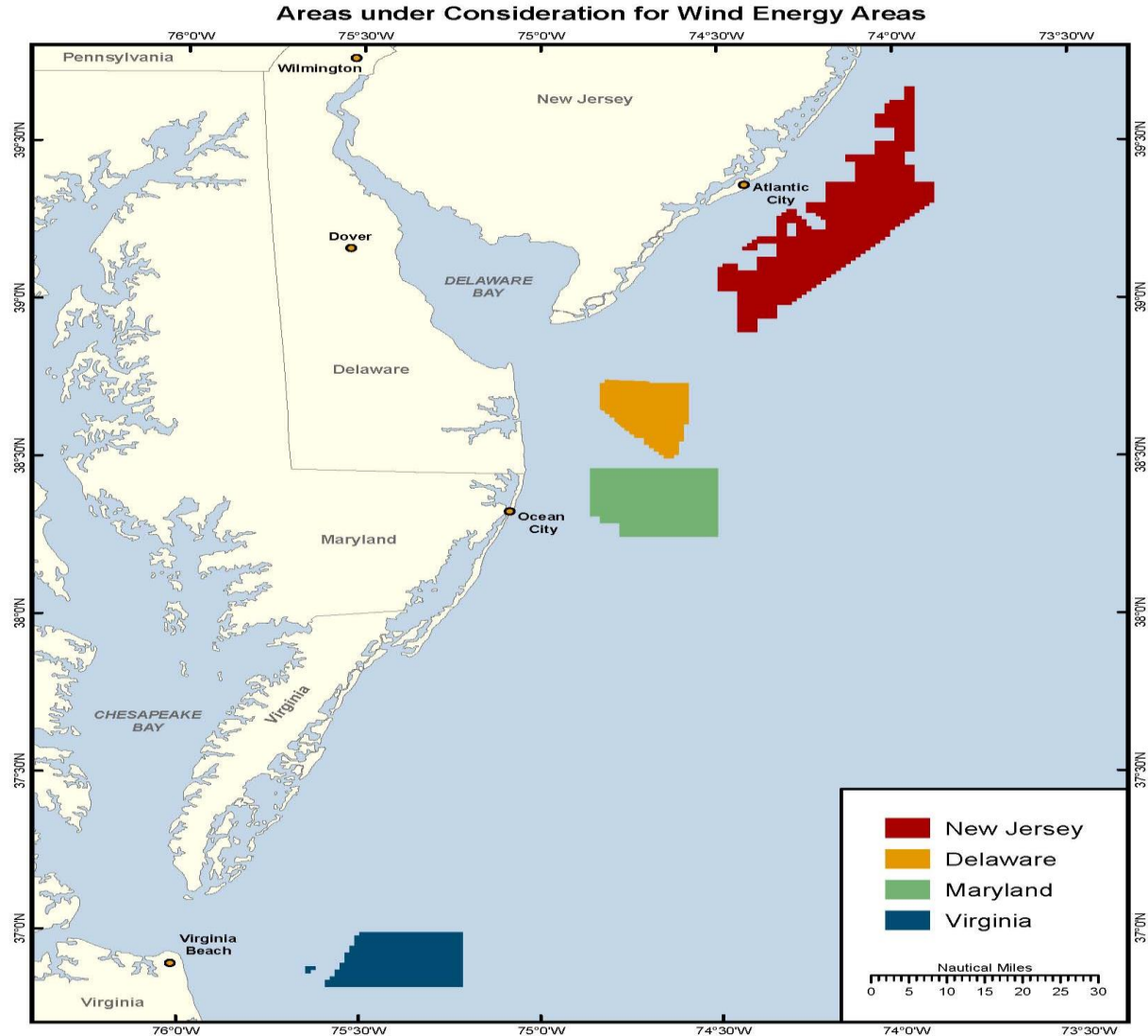


WIND ENERGY AREAS

NEW JERSEY
DELAWARE
MARYLAND
VIRGINIA

MASSACHUSETTS
RHODE ISLAND
N. CAROLINA
FLORIDA

WEST COAST



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SPECIFICS

- LARGEST EVER DONE
- ANNOUNCED IN FEDERAL REGISTER – MAY 11, 2011
- COMMENT PERIOD CLOSURES – AUG 9, 2011
- PUBLIC OUTREACH
- PUBLIC MEETINGS CONTEMPLATED
- NOSR PUBLISHED – CONSIDER ANOTHER ROUND OF COMMENTS

HOW TO GET INVOLVED

- Technology/industry moving quickly
- Potential for many projects
- *Federal Register* announcements
- Submit comments
 - Project Docket
 - USCG (ACPARS docket or directly)
 - Safety committees



QUESTIONS

Marine Transportation Systems Management



Providing navigation safety
information for America's
waterways

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