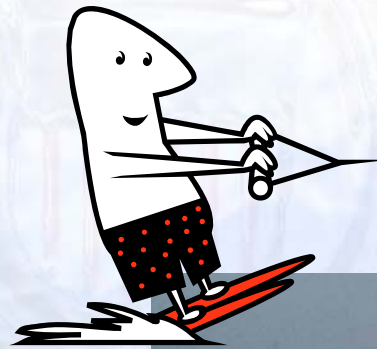




COAST GUARD ITS ROLES AND RESPONSIBILITIES FOR OFFSHORE RENEWABLE ENERGY INSTALLATIONS (OREI)

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MISSIONS

- Maritime Safety
 - AtoN
 - SAR
- Maritime Security
- Maritime Mobility
- National Defense
- Protection of Natural Resources



AUTHORITY

- PORTS AND WATERWAYS SAFETY ACT (PWSA) P.L. 95-474; 33 U.S.C. 1223
- SECRETARY OF DHS
 - “Designate necessary fairways and traffic separation schemes” to “provide safe access routes ... to and from ports or other places... United States.”
 - Delegated to the Coast Guard
 - Port Access Study (PARS)



PARS REQUIREMENTS

- **REQUIRED WHEN WE CONSIDER NECESSITY FOR FAIRWAYS OR TRAFFIC SEPARATION SCHEME(S)**
- **OPTIONAL FOR OTHER ROUTING MEASURES**
 - **RECOMMENDED ROUTES**
 - **ANCHORAGE/NO ANCHORAGE AREA**
 - **ATBA**



OBJECTIVES

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



STUDY ITSELF

- IDENTIFY STUDY AREA
- NOTICE OF STUDY IN FED REG
 - GEOGRAPHIC DESCRIPTION OF AREA
 - EXPLANATION OF POSSIBLE ACTIONS AND IMPACTS
 - PRESENT ISSUES/QUESTIONS INVITE PUBLIC COMMENT
- COLLECT DATA
 - VESSEL TRAFFIC CHARACTERISTICS
 - FISHING (COMMERCIAL/TRIBAL)
 - ACTIVITIES IN AREA (DOD/ACOE)
 - OCS RESOURCE DEVELOPMENT
 - ENVIRONMENTAL FACTORS
 - ECONOMIC IMPACT



STUDY ITSELF (CON'T)

- CONSULTATIONS
 - VARIOUS FED AND STATE AGENCIES
 - MARITIME COMMUNITY
 - PORT AND HARBOR AUTH/ASSOC
 - LOCAL CITIZEN GROUPS
- ANALYZE DATA
- RECOMMENDATIONS
- RULEMAKING AND/OR IMO PROCESSES



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



INTERNATIONAL MARITIME ORGANIZATION (IMO)



IMO MEASURE

- PARS COMPLETED
 - IDENTIFIES ROUTING MEASURE(S)
REQUIRING IMO ADOPTION
 - CGHQ (CG-541) DEVELOPS IMO NOTE
 - BACKGROUND/JUSTIFICATION FOR
MEASURE
 - ANNEX(ES) TO BE INCLUDED IN SHIPS'
ROUTEING GUIDE
 - CHARTLET(S)



IMO PROPOSAL

- **INTERAGENCY REVIEW/MEETING(S)
TO APPROVE NOTE**
- **NOTE SENT TO NAV FOR
TRANSLATION - DISTRIBUTION**
- **NAV MEETS AND APPROVES NOTE**
- **NAV FORWARDS TO MSC FOR
ADOPTION**



IMO PROPOSAL

- MSC ADOPTS NOTE
- MSC SETS IMPLEMENTATION DATE
- ROUTING MEASURE IMPLEMENTED



TIMELINE

ODD YEAR	APRIL 2009 JULY 2009 NOV 2009 APRIL - MAY 2010 DEC 2010	PROPOSALS (ODD) DUE IN NAV SUBCOMMITTEE NAV APPROVES PROPOSAL ASSEMBLY MEETS – NO MSC MEETING MSC ADOPTS PROPOSAL PROPOSALS (ODD) IMPLEMENTED
EVEN YEAR	APRIL 2010 JULY 2010 NOV 2010 JULY 2011	PROPOSALS (EVEN) DUE IN NAV SUBCOMMITTEE NAV APPROVES PROPOSAL MSC ADOPTS PROPOSAL PROPOSALS (EVEN) IMPLEMENTED
ODD YEAR	APRIL 2011 JULY 2011 NOV 2011 APRIL - MAY 2012 DEC 2012	PROPOSALS (ODD) DUE IN NAV SUBCOMMITTEE NAV APPROVES PROPOSAL ASSEMBLY MEETS – NO MSC MEETING MSC ADOPTS PROPOSAL PROPOSALS (ODD) IMPLEMENTED



CG ROLE FOR OREI'S

- Cooperating agency for National Environmental Policy Act (NEPA) purposes with the LPA
 - ✓ Develop RECOMMENDED terms and conditions to provide for safety of navigation
 - ✓ Minimize potential impacts on other CG missions (SAR, Marine Safety, Maritime Security, Maritime Mobility, Protection of Natural Resources, National Defense)
- **WILL NOT APPROVE/DISAPPROVE PROJECT OR ISSUE PERMIT**



CRITERIA

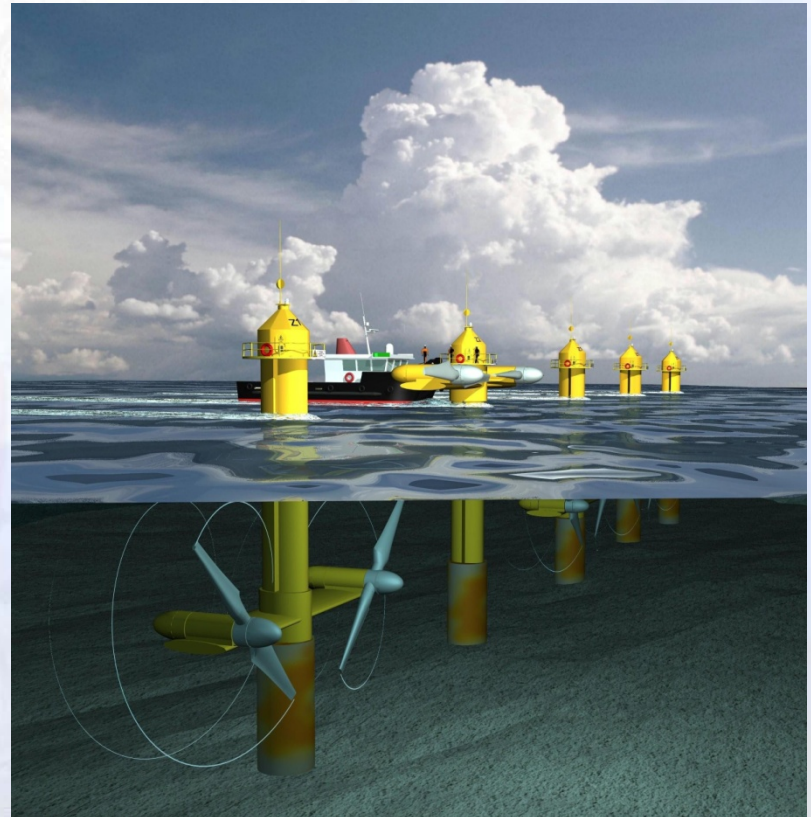
- Site Location
- Structure
- Navigation and Collision Avoidance
- Mitigation Measures





SITE LOCATION

- Traffic Survey
 - Types
 - Uses
- Navigation Safety Risk Assessment
 - Within the site
 - Proximity





STRUCTURE

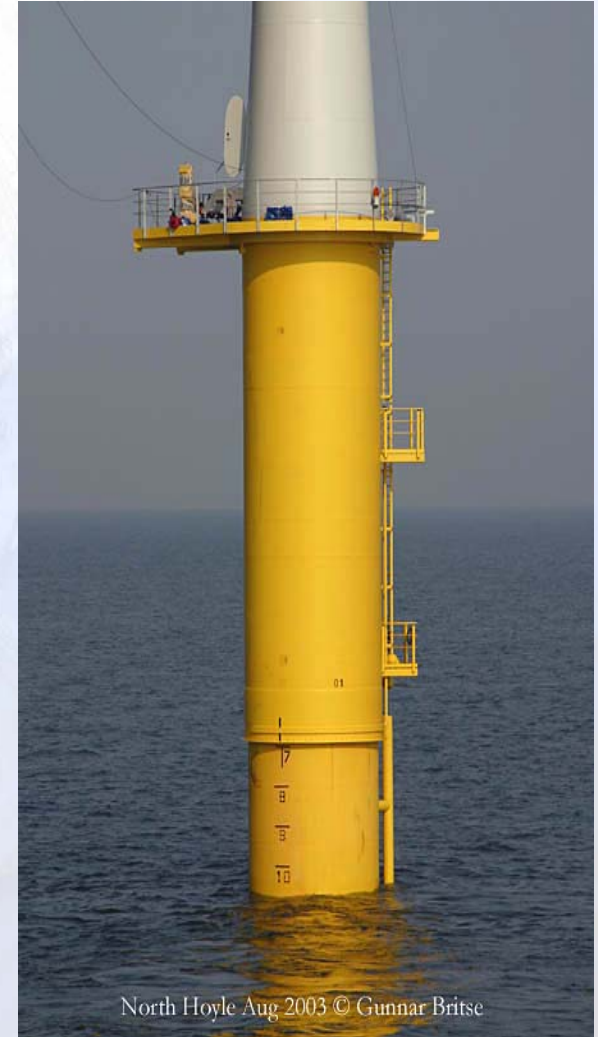
- Risk of collision
- Clearances
- Impact on SAR
- MEP
- Security





NAVIGATION

- Tides and Currents
- Weather
- Depths
- Visual Navigation
- Communications
- Radar
- Marking





MITIGATION MEASURES

- Charting / Marine Information
- COLREGs
- Routing Measures
- Exclusion Zones
- Monitoring
- Shutdown Procedures
- Others





QUESTIONS?



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