Pacific Marine Energy Center South Energy Test Site

Dan Hellin

Environmental Compliance Manager

Northwest National Marine Renewable Energy Center

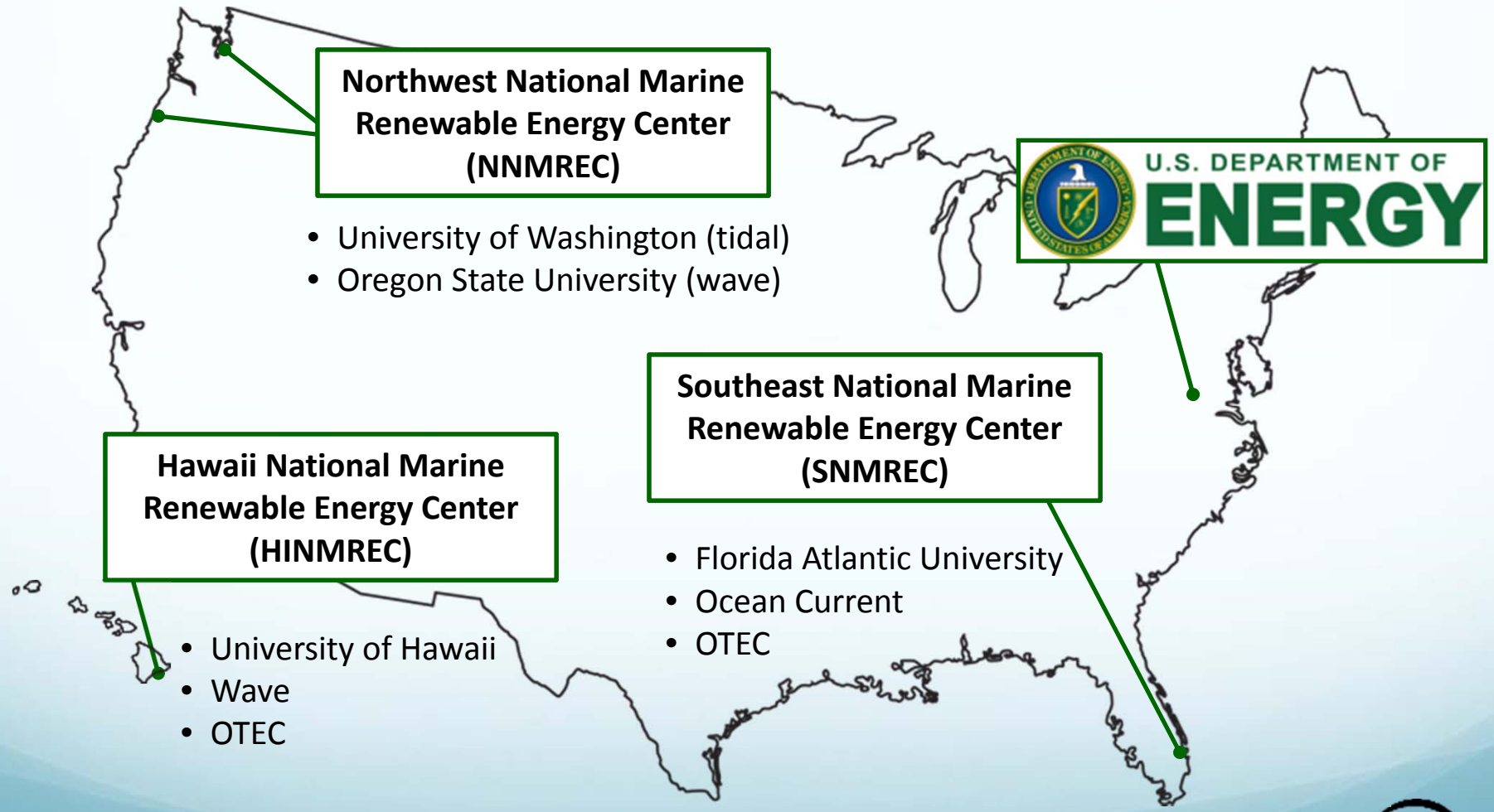
Ocean Policy Advisory Council

5 June 2014

NNMREC
Northwest National Marine Renewable Energy Center

Oregon State UNIVERSITY OSU

National Marine Renewable Energy Centers



U.S. DEPARTMENT OF ENERGY

NNMREC

Pacific Marine Energy Center

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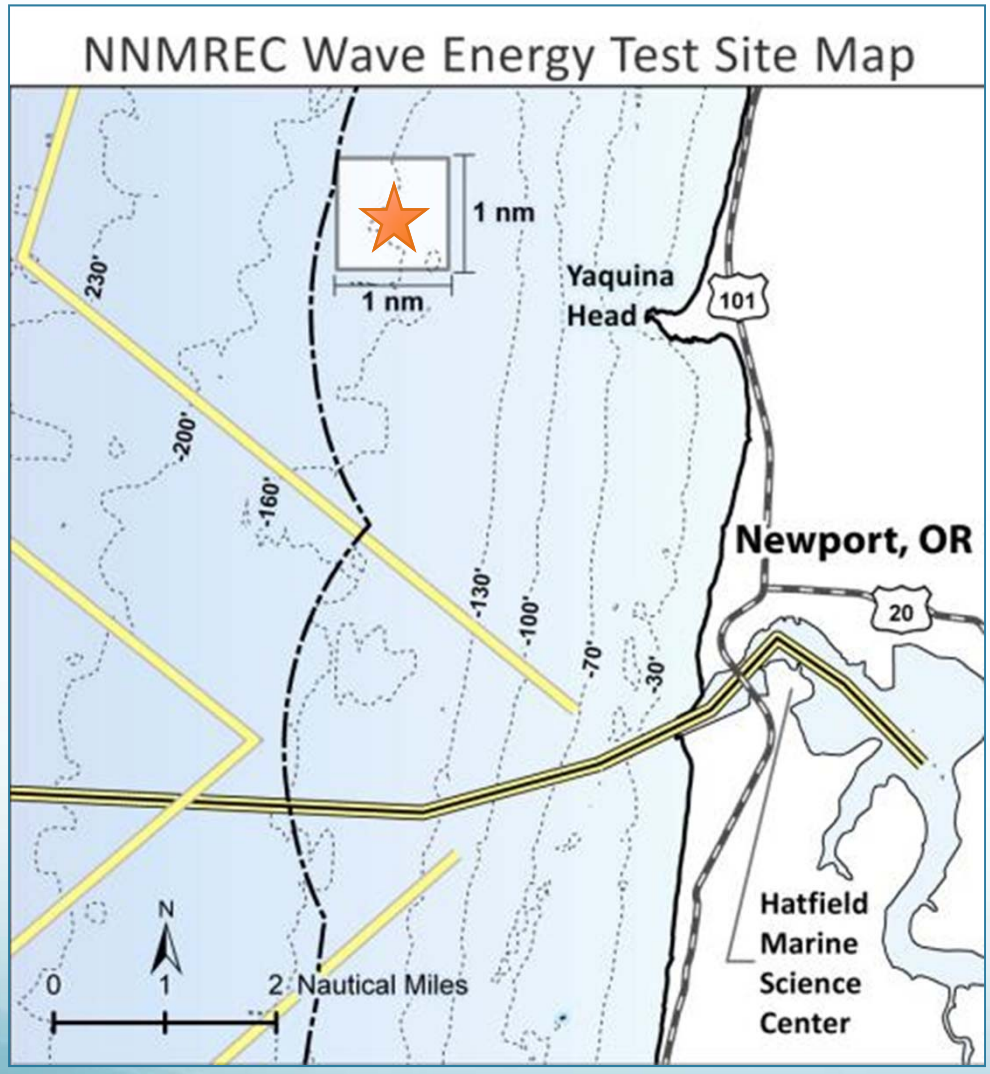
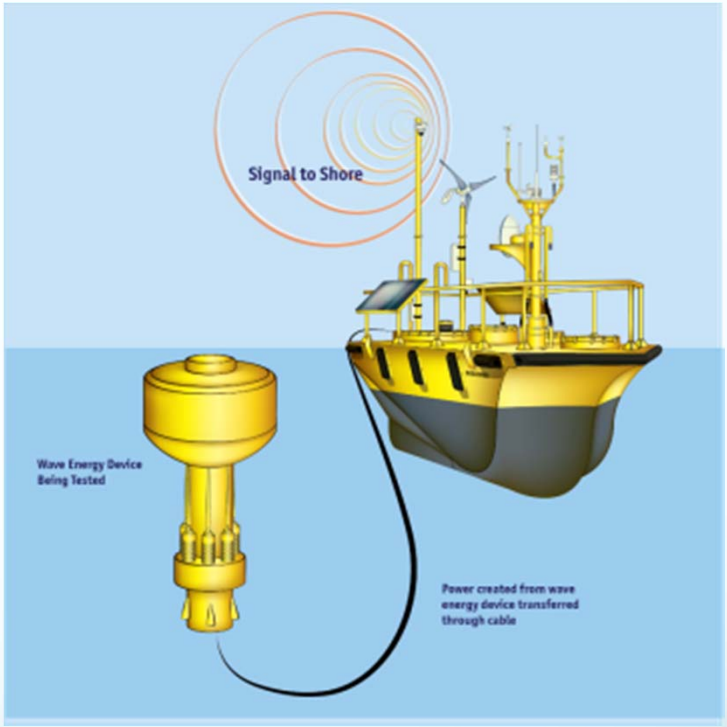
Pacific Marine Energy Center

PMEC North Energy Test Site (NETS)





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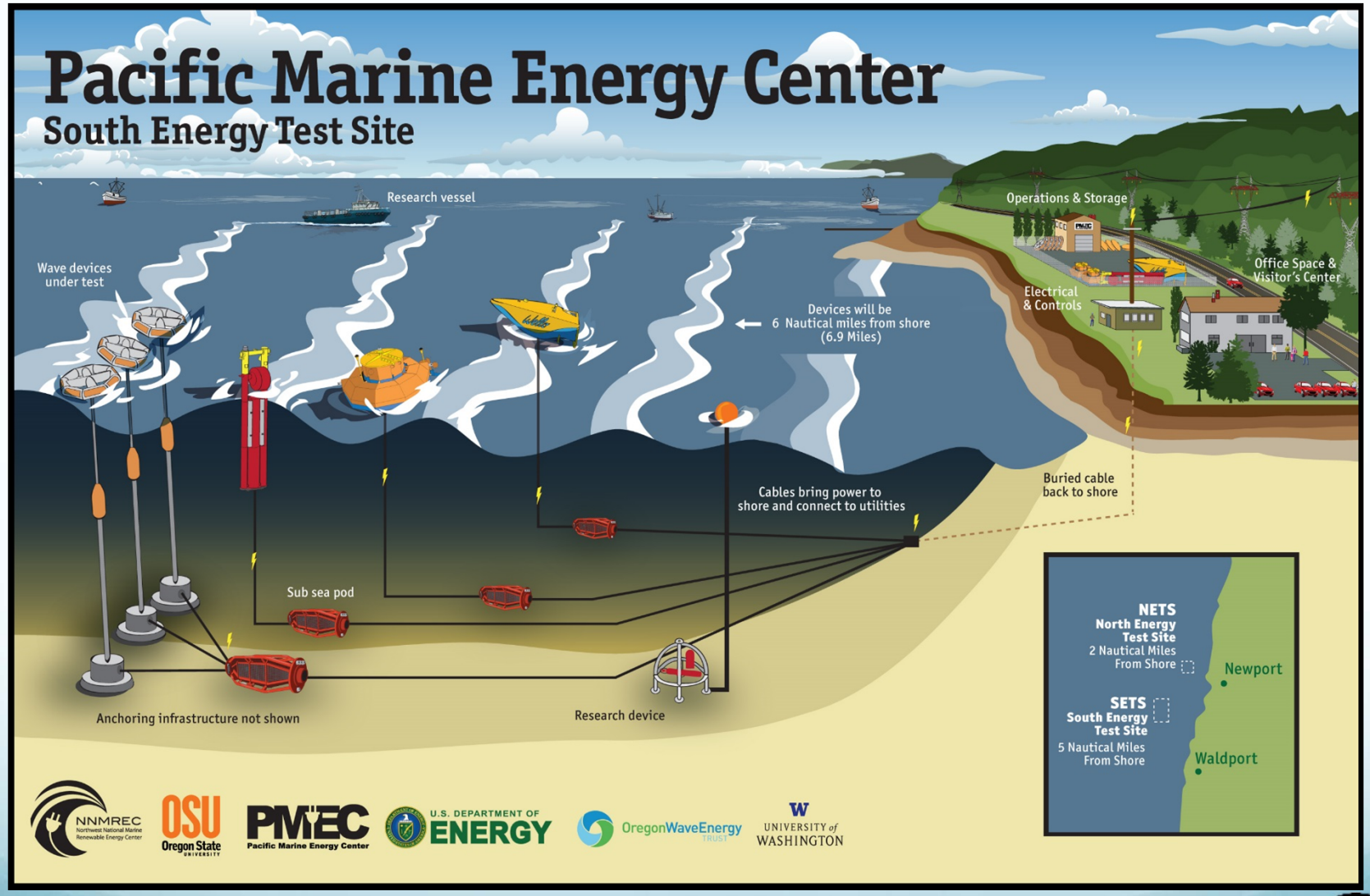
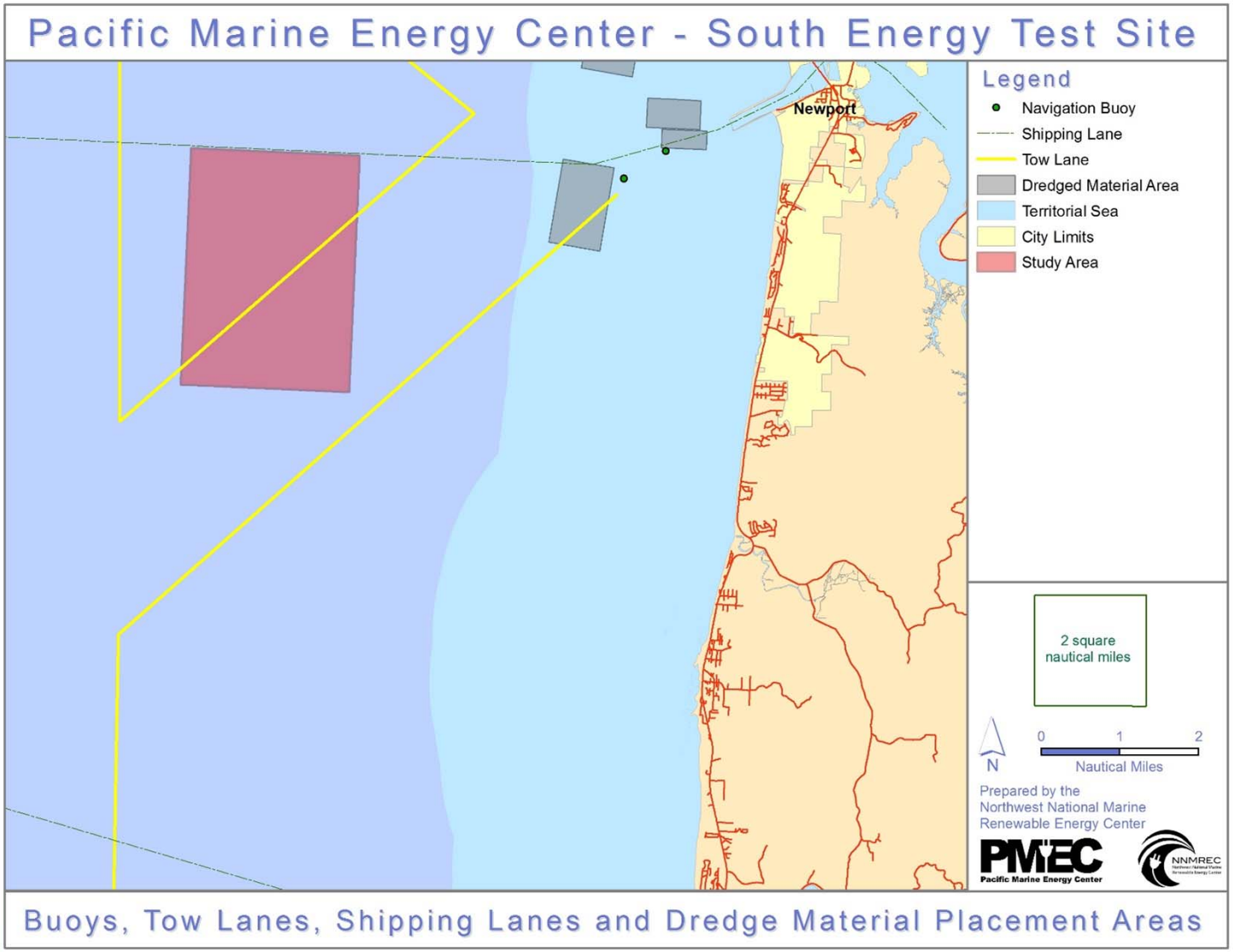
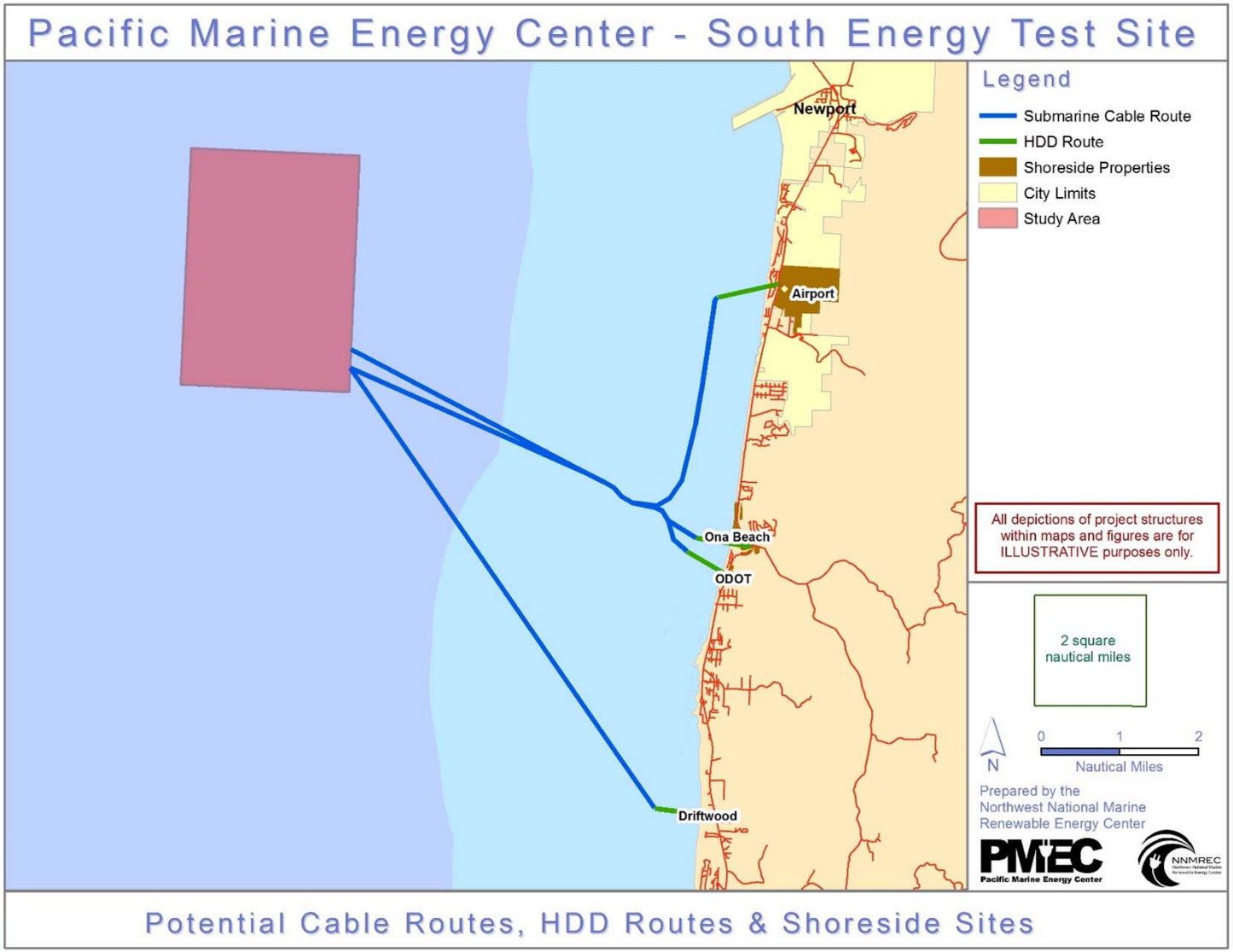
PMEC South Energy Test Site (SETS)



Study Area


Pacific Marine Energy Center - South Energy Test Site
Newport
Legend
Navigation Buoy
Shipping Lane
Tow Lane
Dredged Material Area
Territorial Sea
City Limits
Study Area
2 square nautical miles
N
0
1
2
Nautical Miles
Prepared by the
Northwest National Marine
Renewable Energy Center
PMEC
Pacific Marine Energy Center
NNMREC
Buoys, Tow Lanes, Shipping Lanes and Dredge Material Placement Areas

Potential Cable Routes



Marine Survey

Team: **Dr. Chris Goldfinger** - *Professor of Marine Geology, OSU*

Dr. Clare Reimers - *Professor of Chemical Oceanography, OSU*

Bob Eder - *Fisherman, Newport, OR*

Larry Mackey - *3U Technologies LLC*

Status: **Currently underway**

Fieldwork completed by June 23rd?

Vessels: ***R/V Pacific Storm*** and the ***Timmy Boy***

Illustration of Subsea Cables

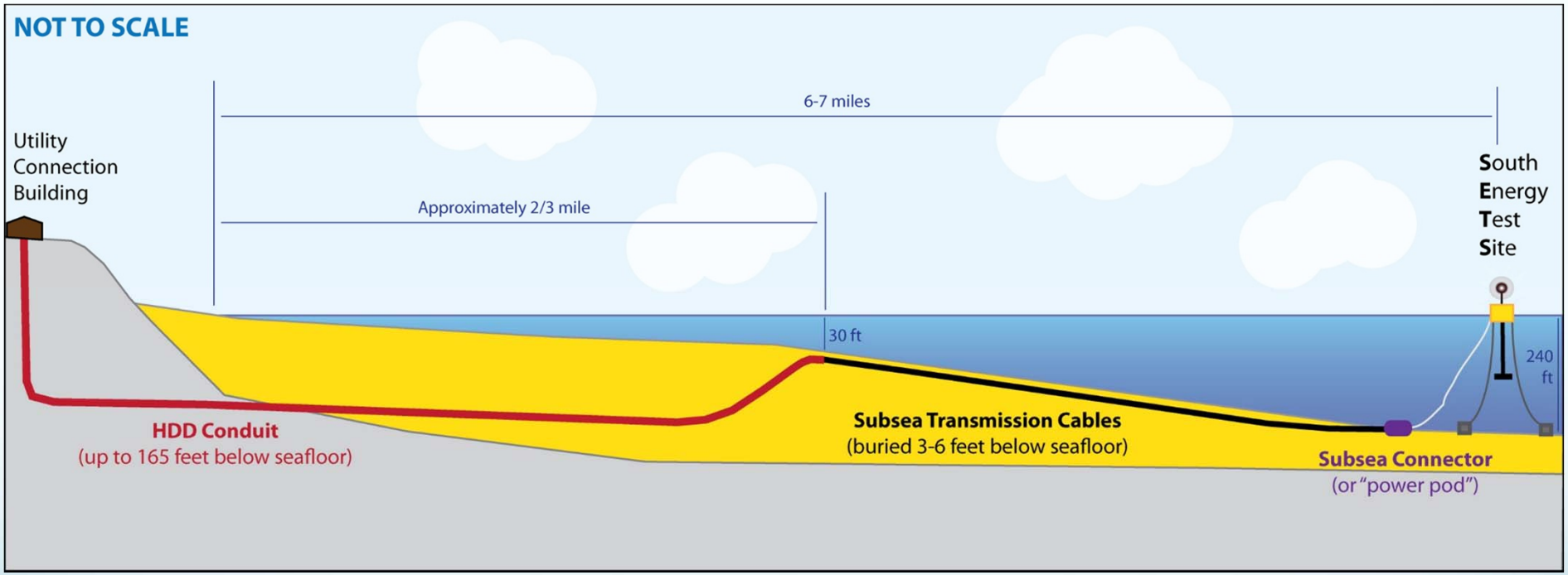


Illustration of SETS with 6 WECs

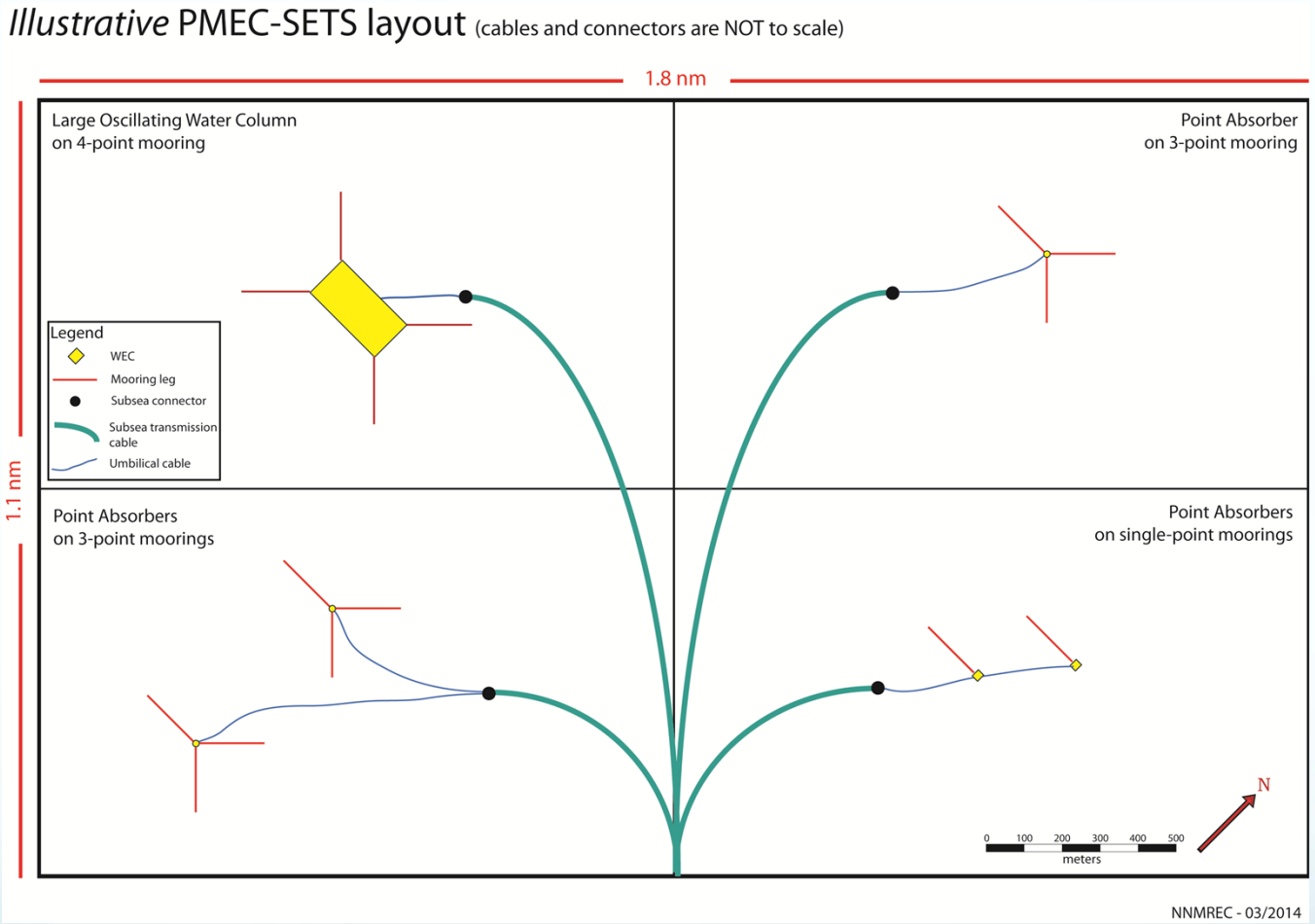
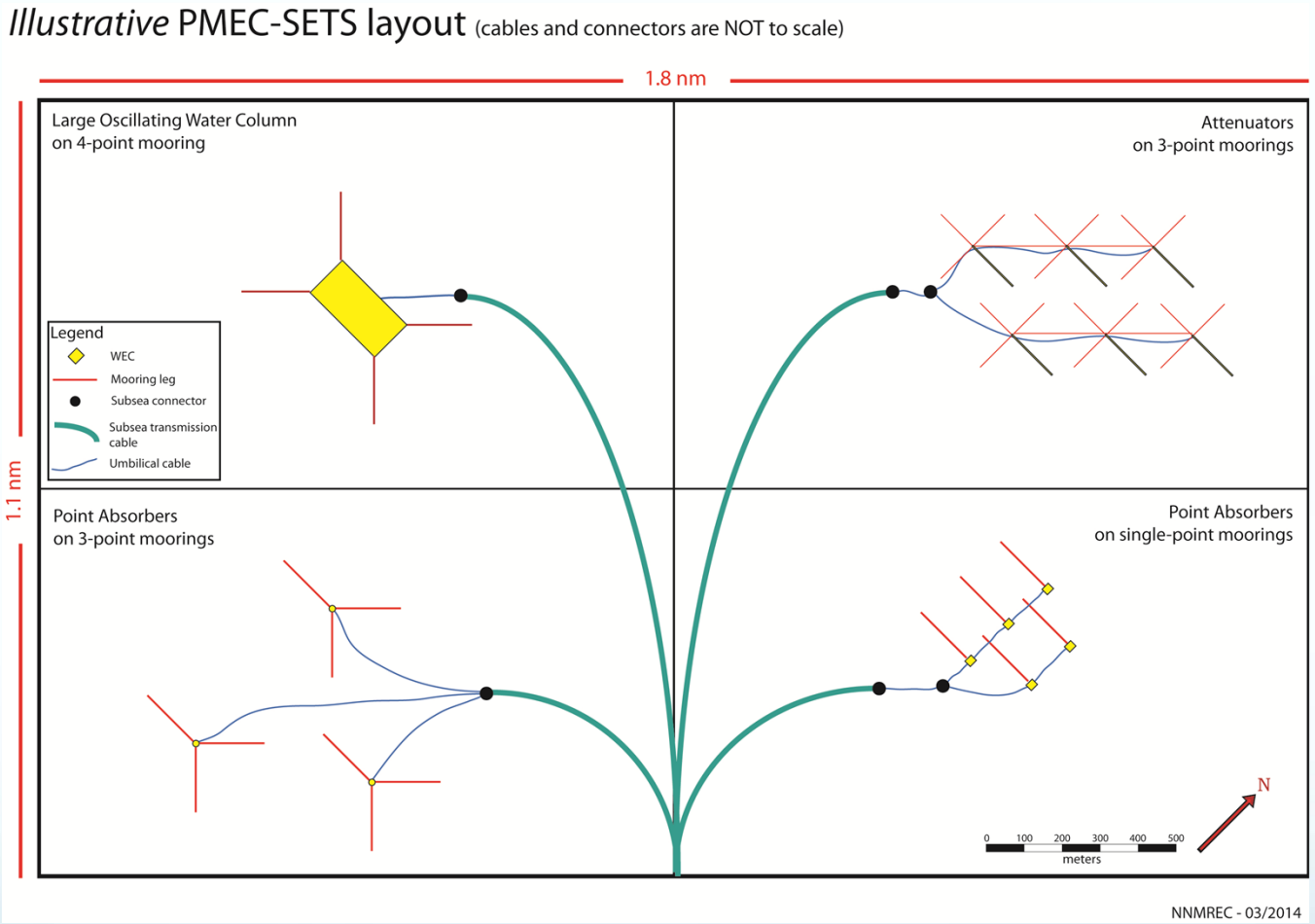


Illustration of SETS with 15 WECs



Regulatory Process Status

Action			Date
BOEM	**Research Lease Request**	Unsolicited Request for Research Lease Submittal	June 17, 2013
		BOEM-Oregon Task Force Review	December 5, 2013
		Notice of Unsolicited Lease Request, Request for Competitive Interest (RFCI)	March 24, 2014
		RFCI Comment Period	March 24 - April 23, 2014
		Determination of No Competitive Interest	PENDING/June 20, 2014
FERC	**Notice of Intent (NOI) & Preliminary Application Document (PAD)**	Notice of Intent (NOI) & Preliminary Application Document (PAD)	April 15, 2014
		Request to Use Alternative Licensing Procedures (ALP) & Communications Protocol	April 15, 2014
		NOI/PAD/ALP Request Comment Period	April 15 - May 15, 2014
		Notice of Commencement of Proceeding, Approval of Request to Use ALP	May 27, 2014
FERC, BOEM	**NEPA Scoping, Public Meeting & Study Plan Development**	Scoping Notice & Request for Information	June 6, 2014
		Scoping Document 1 & List of Proposed Baseline Studies	
		Scoping Meeting & Site Visit	July 9 - 10, 2014
		Scoping Comment Period	July 10 - August 8, 2014
		Scoping Meeting Minutes	August 9, 2014
		Scoping Document 2 & Baseline Study Plans	September 16, 2014

With the exception of completed activities, all dates are anticipated and subject to change

BOEM - Bureau of Ocean Energy Management

FERC - Federal Energy Regulatory Commission

Complete	Current
Pending	Anticipated
Public Comment Period	

Regulatory Process Status

Action			Date
FERC	**Baseline Studies**	Commence Baseline Studies	September 29, 2014
	Six Month Progress Report	Progress Report 1	October 13, 2014
FERC	**Draft License Application, Preliminary Draft EA, Draft BA**	Draft License Application, Preliminary Draft Environmental Assessment (PDEA)	March 2015
		DLA Comment Period	April 2015
	Six Month Progress Report	Progress Report 2	April 12, 2015
FERC	**Baseline Studies**	Complete Baseline Studies	September 2015
	Six Month Progress Report	Progress Report 3	October 20, 2015
	Baseline Studies	Study Report	November 2015
FERC, BOEM	**Final License Application, Applicant Prepared EA (APEA), Final Draft BA**	Final License Application, Applicant Prepared EA, Final Draft BA Filed	December 2015
		EA Comment Period	February - March 2016
FERC, BOEM	**NEPA Determination**	Response to Comments	June 2016
		Finding of No Significant Impact (FONSI)	
BOEM	**Lease Agreement**	Execute Lease Agreement	July 2016
FERC	**License Order**	Issue License Order	August 2016

With the exception of completed activities, all dates are anticipated and subject to change

BOEM - Bureau of Ocean Energy Management

FERC - Federal Energy Regulatory Commission

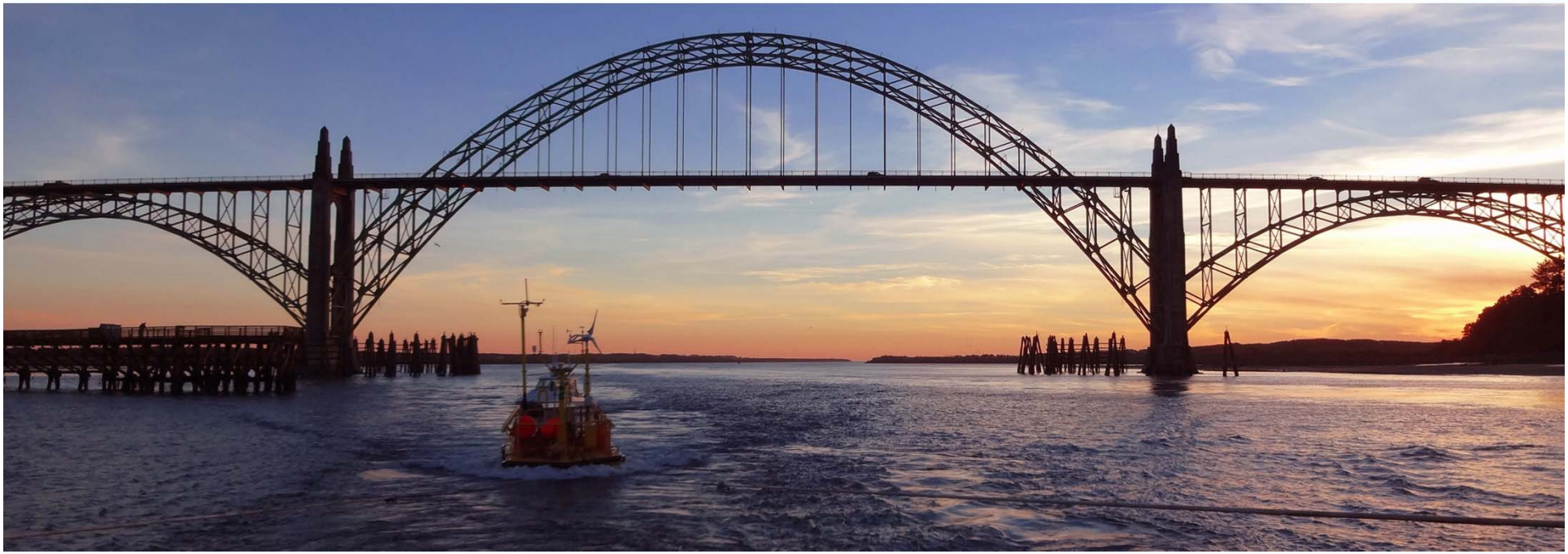
Complete	Current
Pending	Anticipated
Public Comment Period	

Informational website – www.pmec.us

Visit the website to find out about:

- Current Project Status
- Upcoming Meetings
- Public Comment Periods
- Access to Project Documents
- Contact Information
- SIGN UP FOR EMAIL UPDATES

Thank you



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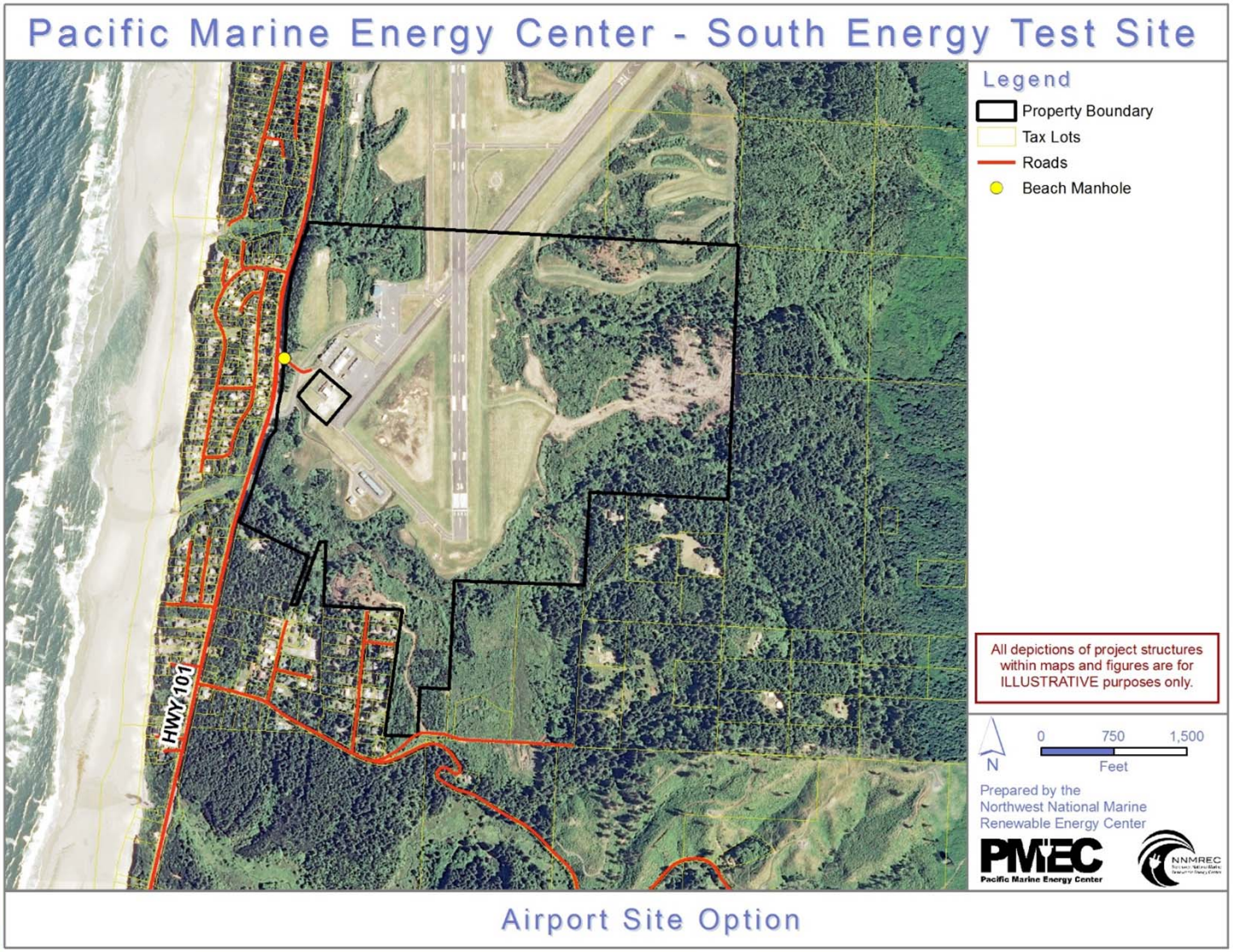
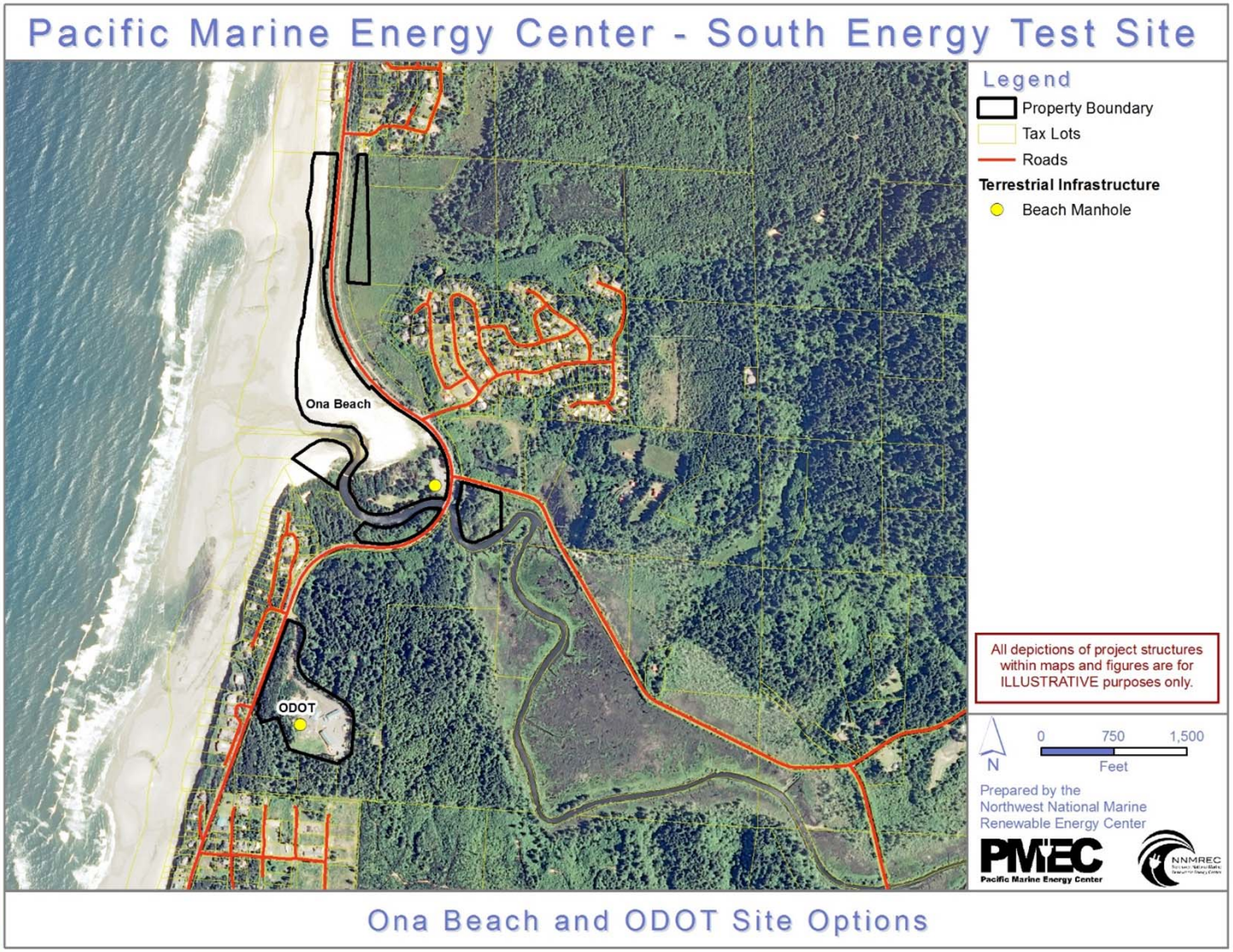
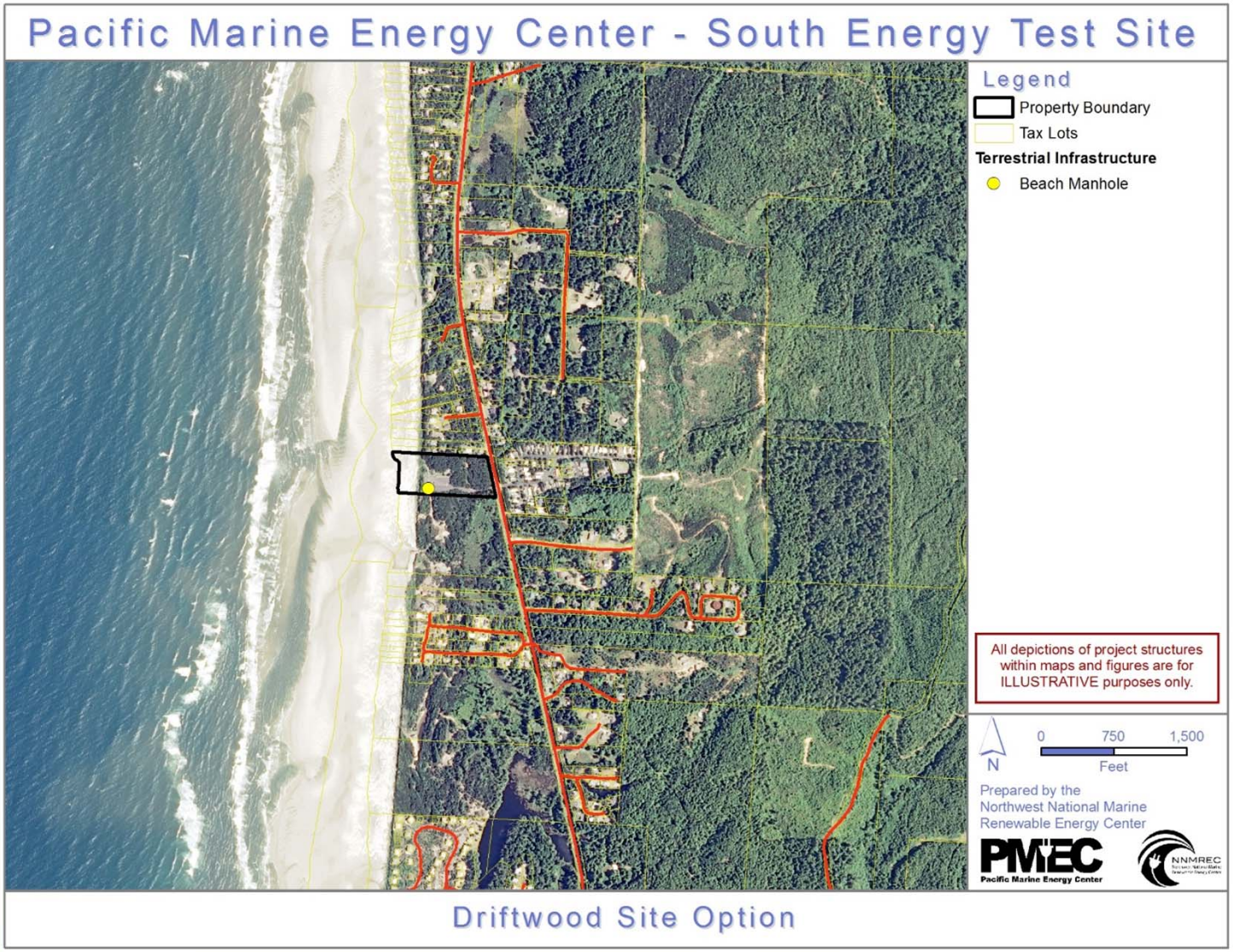
What does a test facility look like?

What does a test facility look like?

Potential Terrestrial Landing Site #1



Potential Terrestrial Landing Site #2&3



Potential Terrestrial Landing Site #4