1. INTRODUCTION

This dataset represents the three ocean energy demonstration sites which were designated by the state of Maine to facilitate the development of ocean energy within state waters. These sites are Boon Island, Monhegan Island, and Damariscove Island. Former Maine Governor John Baldacci established the Ocean Energy Task Force by executive order, dated November 7, 2008, to recommend a strategy for moving forward with the development of the vast, indigenous, renewable ocean energy resources of the Gulf of Maine. The task force was directed to recommend solutions to overcome potential economic, technical, regulatory, and other obstacles to vigorous and expeditious development of these ocean energy resources.

2. PURPOSE

To facilitate the development of alternative ocean energy, the governor's Ocean Energy Task Force recommended and drafted L.D. 1465 (.pdf), which was passed unanimously by the Maine state legislature in June 2009. The legislation directed the Maine Department of Conservation, in consultation with the Maine State Planning Office, to select up to five locations within Maine state waters to be designated as Ocean Energy Testing Areas.

3. SOURCES AND AUTHORITIES

- Maine Coastal Program
- NOAA Coastal and Marine Spatial Planning
  http://www.msp.noaa.gov/activities/maine.html

4. DATABASE DESIGN AND CONTENT

Native storage format: ArcGIS File Geodatabase – simple feature class

Feature Types:
    Polygons

Data Dictionary:

Line	Name	Definition	Type	Size
1	OBJECTID	Uniquely identifies a feature	OBJECTID	*
2	Shape	Geometric representation of the feature	geometry	*
3	SITE_NAME	Name of ocean energy demonstration site	text	20
4	Shape_Length	Length of feature	Double	*
5	Shape_Area	Area of feature	double	*

Feature Class Name: OceanEnergyDemonstrationSites

Total Number of Unique Features: 3

Dataset Status: In Progress

5. SPATIAL REPRESENTATION

Geometry Type: vector polygon
Reference System: GCS North American 1983
Horizontal Datum: North American Datum 1983
Ellipsoid: Geodetic Reference System 1980

XY Resolution: XY Scale is 1000000000.0000001
Tolerance: 0.000000008983152841195211 7

Geographic extent: -70.487 to -69.294, 43.070 to 43.721

IS0 19115 Topic Category: environment, oceans

Place Names: Place Names:
    Atlantic Ocean, Boon Island, Damariscove Island, Maine, Monhegan Island

Recommended Cartographic Properties:
    (Using ArcGIS ArcMap nomenclature)

Simple Fill Symbol: 196-100-966, Cartographic Line Symbol, outline width: 1.25, outline color: 196-100-966, color model: HSV

Scale range for optimal visualization: 200,000 to 2,000,000

6. DATA PROCESSING

	Process Steps Description
1	Data were acquired from the Maine Coastal Program

7. QUALITY PROCESS

Attribute Accuracy: Information was assumed accurate as of data delivery. No testing was performed.

Logical Consistency: No testing performed.

Completeness: Data are complete based on the recommendations of the Maine Department of Conservation and Maine State Planning Office in 2009.

Timeliness: Ocean Energy Demonstration Sites were established in 2009.

Use restrictions: Data were provided by the Maine Coastal Program. No limitations or caveats were provided regarding the use of this data.