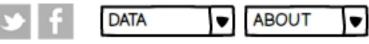
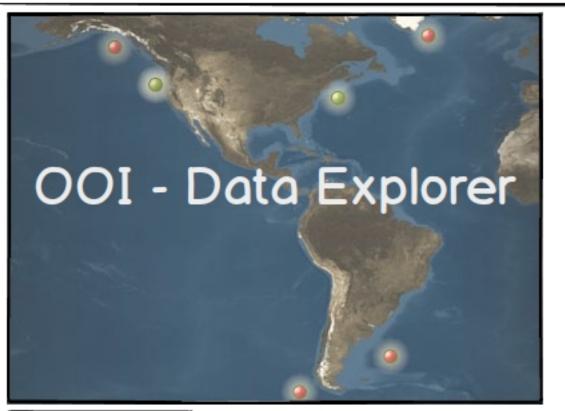
OOI - Landing Page





Endurance Array (CE)

Regional (RL)

Station PAPA (GP)

Global Irminger Sea (GI)

Pioneer Array (CP)

Shore Side Facilities (SSF)

Global Argentine (GA)

55 South (GS)

Overview

▼

The Ocean Observatories Initiative (OOI) will lay the foundation for future ocean science observations and enable powerful new research capabilities by transitioning the oceanographic community from expedition-based data gathering to persistent, controllable observations using a suite of interconnected sensors. The OOI's networked sensor grid will collect ocean and seafloor data at high sampling rates over years to decades. Researchers will make simultaneous, interdisciplinary measurements to investigate a spectrum of phenomena including episodic, short-lived events (tectonic, volcanic, biological, and meteorological), and more subtle, longer-term changes and emergent phenomena in ocean systems (circulation patterns, climate change, ocean acidity, and ecosystem trends).

News Feed

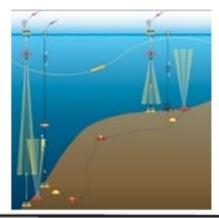
May 30, 2012
Ocean Observatories Initiative (OOI) Program
The Ocean Observatories Initiative (OOI) in April

Surface Mooring

The Ocean Observatories Initiative (OOI) program

The large surface buoy is deployed off R/V Oceanus

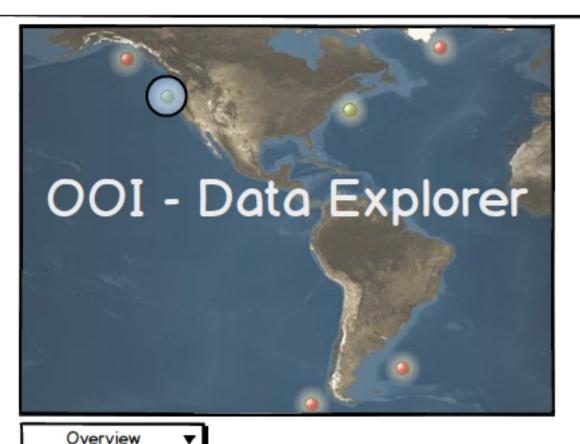
Spotlight



Endurance Array

Coastal-Scale Node
Surface buoys, profilers,
benthic nodes and gliders
will provide near real time
data from the air-sea
interface to the sea floor.
More »

OOI - Landing Page



Array Shortcuts

Endurance Array
Coastal-Scale Node
Surface buoys, profilers, benthic nodes and gliders will provide near real time data from the air-sea interface to the sea floor.

More »

Shore Side Facilities (SSF)

Global Argentine (GA)

55 South (GS)

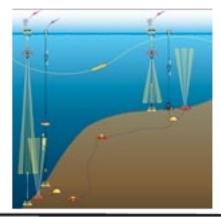
The Ocean Observatories Initiative (OOI) will lay the foundation for future ocean science observations and enable powerful new research capabilities by transitioning the oceanographic community from expedition-based data gathering to persistent, controllable observations using a suite of interconnected sensors. The OOI's networked sensor grid will collect ocean and seafloor data at high sampling rates over years to decades. Researchers will make simultaneous, interdisciplinary measurements to investigate a spectrum of phenomena including episodic, short-lived events (tectonic, volcanic, biological, and meteorological), and more subtle, longer-term changes and emergent phenomena in ocean systems (circulation patterns, climate change, ocean acidity, and ecosystem trends).

News Feed

May 30, 2012
Ocean Observatories Initiative (OOI) Program
The Ocean Observatories Initiative (OOI) in April

Surface Mooring
The Ocean Observatories Initiative (OOI) program
The large surface buoy is deployed off R/V Oceanus

Spotlight

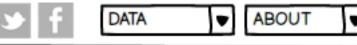


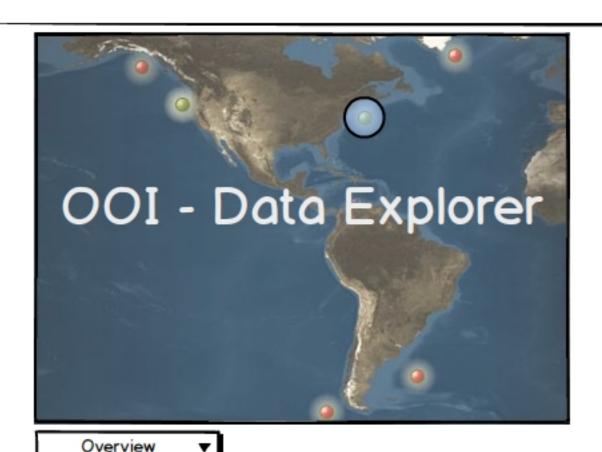
Endurance Array

ABOUT

Coastal-Scale Node
Surface buoys, profilers,
benthic nodes and gliders
will provide near real time
data from the air-sea
interface to the sea floor.
More »

OOI - Landing Page





Array Shortcuts

Endurance Array (CE)

Regional (RL)

Pioneer Array
Coastal-Scale Node
A combination of surface moorings, moored profilers,

The Ocean Observatories Initiative (OOI) will lay the foundation for future ocean science observations and enable powerful new research capabilities by transitioning the oceanographic community from expedition-based data gathering to persistent, controllable observations using a suite of interconnected sensors. The OOI's networked sensor grid will collect ocean and seafloor data at high sampling rates over years to decades. Researchers will make simultaneous, interdisciplinary measurements to investigate a spectrum of phenomena including episodic, short-lived events (tectonic, volcanic, biological, and meteorological), and more subtle, longer-term changes and emergent phenomena in ocean systems (circulation patterns, climate change, ocean acidity, and ecosystem trends).

News Feed ▼

Global Argentine (GA)

May 30, 2012

Ocean Observatories Initiative (OOI) Program

The Ocean Observatories Initiative (OOI) in April

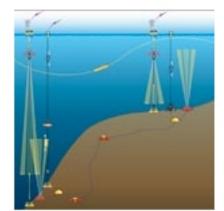
Surface Mooring

The Ocean Observatories Initiative (OOI) program

The large surface buoy is deployed off R/V Oceanus

Spotlight

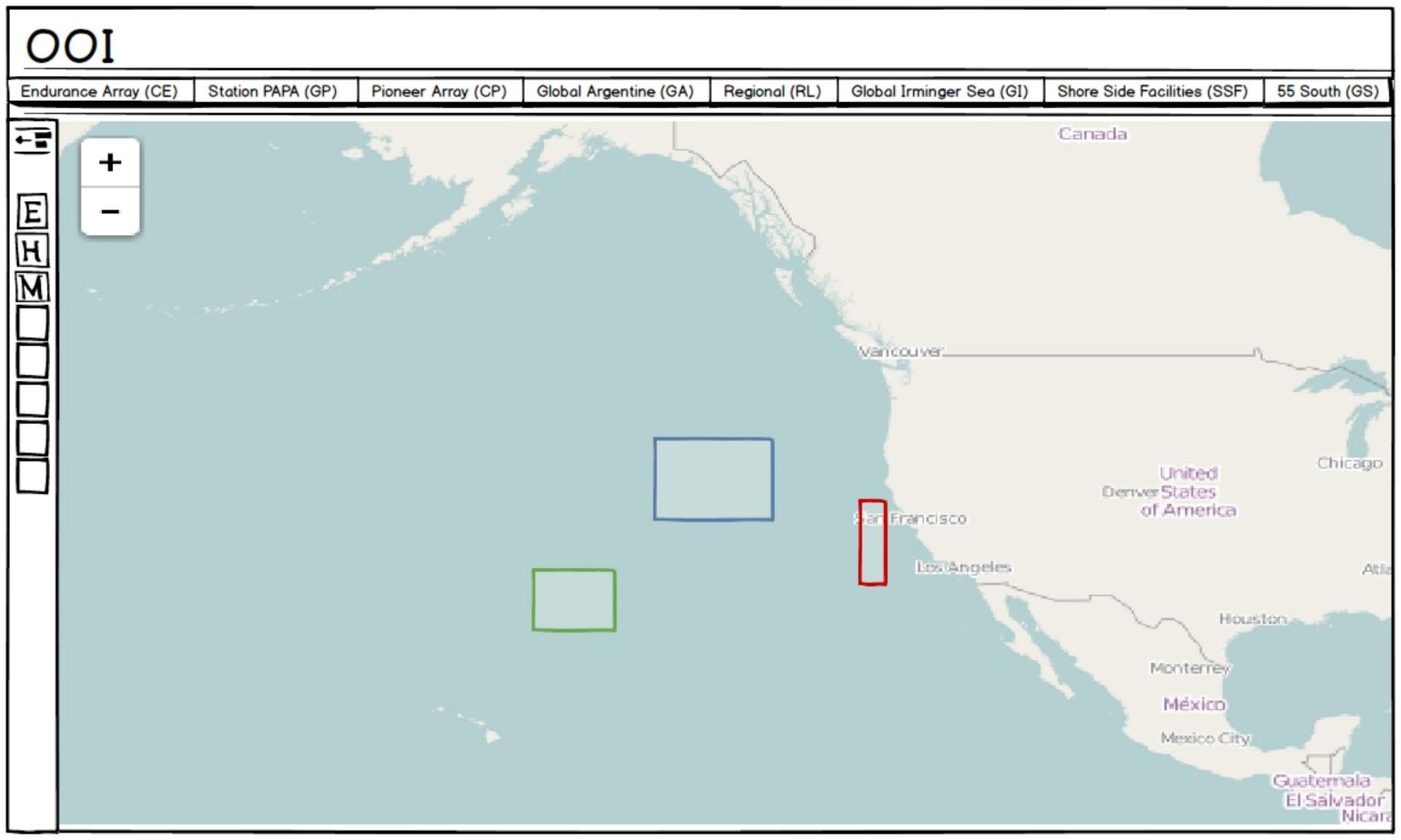
AUVs and gliders make up the multi-scale array. More »



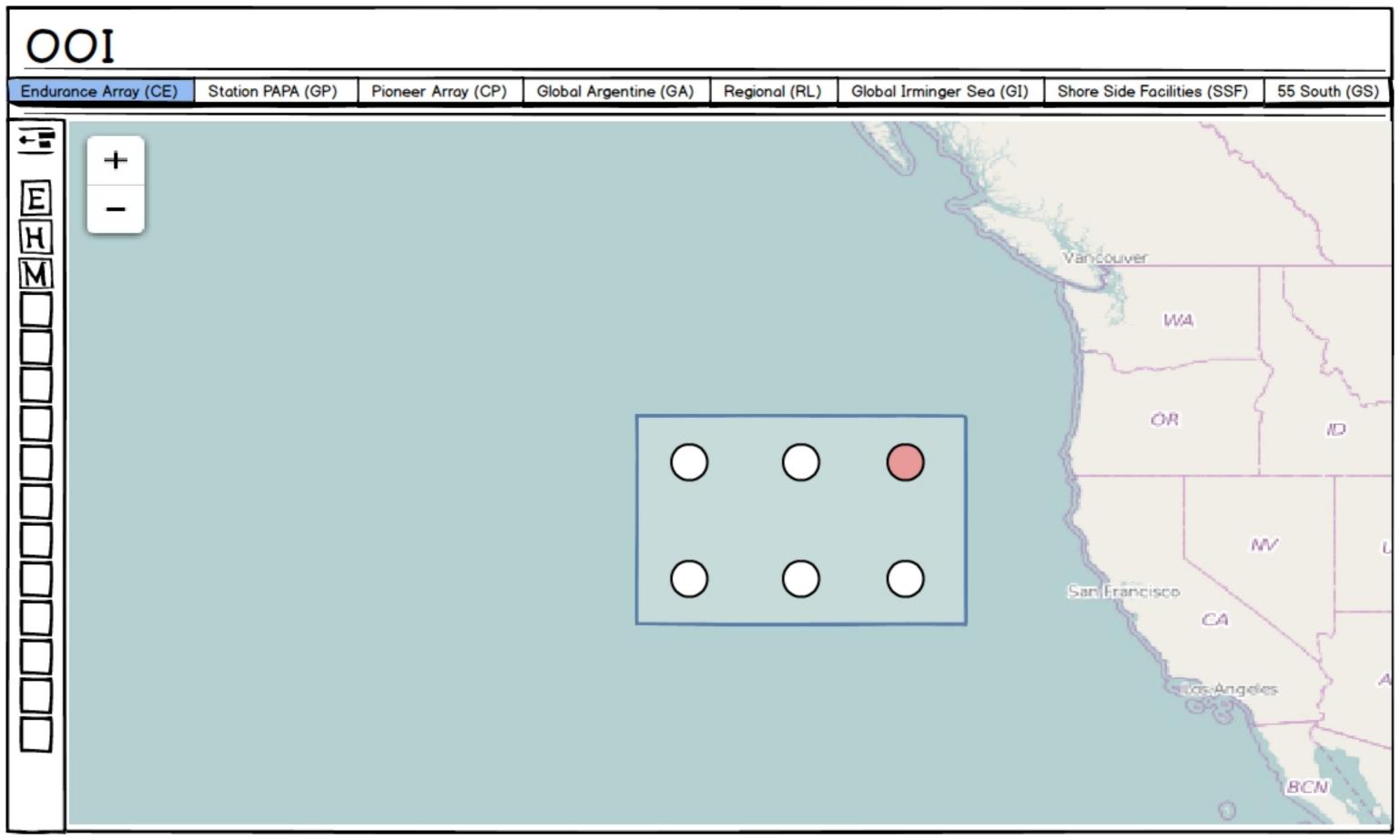
Endurance Array

Coastal-Scale Node
Surface buoys, profilers,
benthic nodes and gliders
will provide near real time
data from the air-sea
interface to the sea floor.
More »

OOI							
Endurance Array (CE)	Station PAPA (GP)	Pioneer Array (CP)	Global Argentine (GA)	Regional (RL)	Global Irminger Sea (GI)	Shore Side Facilities (SSF)	55 South (GS)
Dashboard NAVIGATION CE GP CP GA RL GI SSF GS	+		£ Me		Vancouver	Canada United Denver States of America	Chicago



OOI									
Endurance Array (CE)	Station PAPA (GP)	Pioneer Array (CP)	Global Argentine (GA)	Regional (RL)	Global Irr	minger Sea (GI)	Shore Side Facilities (SSF)	55 South (GS)	
Dashboard NAVIGATION OSSM OSHY OSBP SHSM SHSP ISSM ISSP OSSM OSPM SHSM SHSP ISSM ISSP ISSM ISSP ISSM ISSP ISSM	+				0		Vancouver WA OR	No de la constitución de la cons	



Endurance Array (CE) Station PAPA (GP) Pioneer Array (CP) Global Argentine (GA) Regional (RL) Global Irminger Sea (GI) Shore Side Facilities (SSF) 55 South (GS) Dashboard	OOI							
NAVIGATION OSSM E OSHY H OSBP M SHSM ISSP OSSM OSSM OSSM OSPM SHSP ISSP OSSM OSPM SHSP OSPM SHSP OSPM SHSP OSPM OSPM SHSP OSPM OSPM OSPM OSPM OSPM OSPM OSPM OS	Endurance Array (C	Station PAPA (GP)	Pioneer Array (CP)	Global Argentine (GA)	Regional (RL)	Global Irminger Sea (GI)	Shore Side Facilities (SSF)	55 South (GS)
Port 04 attenuation_absorption_optical OPTAA a link Port 05 nutrient_Nitrate NUTNR a link Port 06 spectral_irradiance SPKIR a link Port 07 Fluorometer threewavelength FLORT a link Port 01 CTD_profiler CTDPF a link Port 08 PAR PARAD a link BCN BCN	NAVIGATION OSSM OSHY OSBP SHSM ISSP OSSM OSPM SHSM SHSP ISSM ISSP	+	platform sele	ection	Description: Site Name: 0 Number of set List of Sense Port 01 oxyg Port 02 Veloc Port 03 pCO Port 04 atter Port 05 nutric Port 06 spec Port 07 Fluor Port 01 CTD	Endurance OR Shelf (80 m CE02SHSM ensor: 8 ors: gen_dissolved_fastresp city_point_3D_turb (2_water nuation_absorption_optical ent_Nitrate ctral_irradiance rometer threewavelength	DOFST a link VEL3D a link PCO2W a link OPTAA a link NUTNR a link SPKIR a link FLORT a link CTDPF a link	W C

