

PRE-CRUISE DIVE PLAN
Scripps Institution of Oceanography

Chief Scientist: <u>JONATHAN WARRICK</u>	Cruise dates and Number: <u>11/16/09 RGS091117B</u>
Research Vessel: <u>R.G. SPROUL</u>	Operating Area: <u>SAN DIEGO, CA</u>
Lead Institution: <u>U.S. GEOLOGICAL SURVEY</u>	Diving Site Location: <u>IMPERIAL BEACH, CA</u>

DIVE PLAN (Check all that apply)

Type of Diving:		Diving Mode:	
<input checked="" type="checkbox"/> Bottom oriented (near shore)	<input checked="" type="checkbox"/> Repetitive diving	<input checked="" type="checkbox"/> Open Circuit SCUBA	
<input type="checkbox"/> Bottom oriented (off shore)	<input type="checkbox"/> Multi-day diving	<input checked="" type="checkbox"/> Mixed gas (NITROX)	
<input checked="" type="checkbox"/> Buoyed down-line at site	<input type="checkbox"/> Cold water	<input type="checkbox"/> Mixed gas (other)	
<input type="checkbox"/> Blue Water - tethered	<input type="checkbox"/> Under ice	<input type="checkbox"/> Surface Supplied	
<input type="checkbox"/> Blue Water - untethered	<input type="checkbox"/> Cave	<input type="checkbox"/> Dry Suit	
<input type="checkbox"/> Night diving	<input type="checkbox"/> Wreck	<input checked="" type="checkbox"/> Diving Computer	
<input type="checkbox"/> Decompression diving	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	

Maximum Depth of Dives:

Diving Tables Used:

<input type="checkbox"/> 30 ft.	<input type="checkbox"/> 130 ft.	<input type="checkbox"/> US Navy	<input type="checkbox"/> Huggins	<input type="checkbox"/> Royal Navy	<input type="checkbox"/> Canadian Navy
<input checked="" type="checkbox"/> 60 ft.	<input type="checkbox"/> 150 ft.	<input type="checkbox"/> Swiss	<input type="checkbox"/> NAUI	<input type="checkbox"/> PADI	<input type="checkbox"/> Other:
<input type="checkbox"/> 100 ft.	<input type="checkbox"/> 190 ft.	<input type="checkbox"/> Diving Computer Model:			

Possible Hazards

Physical:

Biological:

<input type="checkbox"/> Strong Currents	<input checked="" type="checkbox"/> Low visibility	<input type="checkbox"/> Sharks	<input type="checkbox"/> Stinging organisms
<input type="checkbox"/> Fog	<input type="checkbox"/> Pollution	<input type="checkbox"/> Spiny organisms	<input type="checkbox"/> Other:
<input type="checkbox"/> Ice	<input type="checkbox"/> Other:	<input type="checkbox"/> Marine mammals	

Briefly describe scientific diving procedures to be used on cruise (i.e. Special diving protocols, collection methods) and typical daily diving schedule (time & duration of dives)

<u>SIMPLE SAR OF OCEANOGRAPHIC TRIPODS</u>
<u>IF RELEASE MECHANISM FAILS.</u>

PERSONNEL

Supervisors - Name	Phone	Telemail/E-mail	Diving on cruise?
Ch. Sci.:			<input type="checkbox"/> Yes <input type="checkbox"/> No
P. I.:			<input type="checkbox"/> Yes <input type="checkbox"/> No
Diving Supvsr.:			List below also

Participating Divers

Certification

Name	Institution and Address	Depth	Exp. Date
<u>PETE DAL FERRO</u>	<u>USGS, 400 NATURAL BRIDGES</u> <u>SANTA CRUZ, CA 95060</u>	<u>130</u>	
<u>SCOTT LABARA</u>	<u>UCSC 100 SHAFER RD</u> <u>SANTA CRUZ, CA 95060</u>	<u>100</u>	

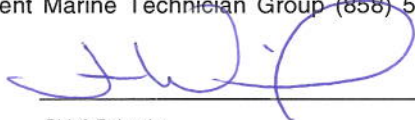
Equipment and Personnel Needs

Supplied by (Please check one)

Item or person needed			Science	Ship *	Other
Scuba tanks	Number:	Size:	[]	[]	
Compressor	CFM:	Pressure:	[]	[]	
Tank Filling Cascade	Size:	Pressure:	[]	[]	
Dive Boat	Size:		[]	[]	
Dive Boat Motor	Size:		[]	[]	
Lifting Sling for Boat			[]	[]	
Emergency O2	Amount:		[]	[]	
Demand Valve for O2			[]	[]	
Diving Computers	Number:	Model:	[]	[]	
Boat Operator			[]	[]	
Emergency signaling device		Type:	[]	[]	
Diving Flag	<input checked="" type="checkbox"/> Alpha	<input checked="" type="checkbox"/> U.S.	[]	<input checked="" type="checkbox"/>	
First Aid Kit			[]	[]	
Portable O2 kit			[]	[]	
Radar Reflectors	Type:		[]	[]	
Diver Recall device	Type:		[]	[]	
Other			[]	[]	
			[]	[]	
			[]	[]	
Emergency Plan Appended	[]	Prepared by:			
Emergency Evacuation Plan Appended	[]	Date:			

*Please contact the Resident Marine Technician Group (858) 534-1642 for availability of equipment/gear.

Submitted By:



Chief Scientist

Nov. 10, 2009

Date

Approved &
Confirmed Plan, Equipment, & Personnel Comply with Policy:

SIO Diving Officer

Date

Approved &
Confirmed availability of Oxygen & Documentation for Treating Diving Maladies on Board
Vessel:

Vessel Master

Date

Approved:

Marine Superintendent

Date

cc: MARFAC Admin
Diving Control Board
Resident Technician Group