



ExpeditionID 4645

Expedition Information

ExpeditionID	4645																																																																																																																								
ShipName	wfly																																																																																																																								
ShipSeqNum	323																																																																																																																								
Purpose	CANON12: 1. Occupy L67. 2. Deploy ESP drifter near 67-70. 3. CTD stations around drifter for next 8d. Three AUVs+Zephyr, gliders, waveglider, stella and array drifters all to operate in vicinity of drifter.																																																																																																																								
StatCode	plnd																																																																																																																								
ExpdChiefScientist	Francisco Chavez																																																																																																																								
ExpdPrincipalInvestigator	Francisco Chavez																																																																																																																								
ScheduledStartDtg	9/10/2012 3:00:00 PM GMT																																																																																																																								
ScheduledEndDtg	9/19/2012 11:00:00 PM GMT																																																																																																																								
EquipmentDesc	CTD operations. Radioactive isotopes in RadVan. 10L acetone. 200ml gluteraldehyde.																																																																																																																								
Participants	<table><tr><td>Name (Last/Sir)</td><td>Name (first)</td><td>TWIC Card Holder?</td><td></td><td></td></tr><tr><td>Phone number (cell)</td><td>e-mail</td><td>Employment</td><td></td><td>Cruise</td></tr><tr><td colspan="5">Affiliation</td></tr><tr><td>1</td><td>Chavez</td><td>Francisco</td><td></td><td></td></tr><tr><td>chfr@mbari.org</td><td>MBARI</td><td>Chavez.</td><td></td><td></td></tr><tr><td>2</td><td>Pennington</td><td>Tim</td><td>yes</td><td>831 402-6854</td></tr><tr><td>peti@mbari.org</td><td>MBARI</td><td>Chavez.</td><td></td><td></td></tr><tr><td>3</td><td>Blum</td><td>Marguerite</td><td>yes</td><td></td></tr><tr><td>mblum@mbari.org</td><td>MBARI</td><td>Chavez.</td><td></td><td></td></tr><tr><td>4</td><td>Jason helper</td><td></td><td></td><td></td></tr><tr><td>Stanford</td><td>DeLong.</td><td></td><td></td><td></td></tr><tr><td>5</td><td>Smith</td><td>Jason</td><td></td><td></td></tr><tr><td>jmsmith1@stanford.edu</td><td>Stanford</td><td>Chavez.</td><td></td><td></td></tr><tr><td>6</td><td>Marina Cobo Viveros</td><td>Alba</td><td></td><td></td></tr><tr><td>almacovi@iim.csic.es</td><td>MBARI</td><td>Chavez.</td><td></td><td></td></tr><tr><td>7</td><td>Jimenez Valeria</td><td>831-600-5795</td><td></td><td></td></tr><tr><td>vjimenez@mbari.org</td><td>MBARI</td><td>Worden.</td><td></td><td></td></tr><tr><td>8</td><td>Swalwell</td><td>Jarred</td><td></td><td>206-334-8022</td></tr><tr><td>jarred@u.washington.edu</td><td>University of Washington</td><td></td><td></td><td></td></tr><tr><td>Worden.</td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td>Santoro Alyson</td><td></td><td></td><td></td></tr><tr><td>asantoro@umces.edu</td><td></td><td></td><td></td><td></td></tr><tr><td>UMES</td><td>Worden.</td><td></td><td></td><td></td></tr><tr><td>10</td><td>Okamoto Noriko</td><td></td><td></td><td></td></tr></table>	Name (Last/Sir)	Name (first)	TWIC Card Holder?			Phone number (cell)	e-mail	Employment		Cruise	Affiliation					1	Chavez	Francisco			chfr@mbari.org	MBARI	Chavez.			2	Pennington	Tim	yes	831 402-6854	peti@mbari.org	MBARI	Chavez.			3	Blum	Marguerite	yes		mblum@mbari.org	MBARI	Chavez.			4	Jason helper				Stanford	DeLong.				5	Smith	Jason			jmsmith1@stanford.edu	Stanford	Chavez.			6	Marina Cobo Viveros	Alba			almacovi@iim.csic.es	MBARI	Chavez.			7	Jimenez Valeria	831-600-5795			vjimenez@mbari.org	MBARI	Worden.			8	Swalwell	Jarred		206-334-8022	jarred@u.washington.edu	University of Washington				Worden.					9	Santoro Alyson				asantoro@umces.edu					UMES	Worden.				10	Okamoto Noriko			
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noricorino@gmail.com                               Worden.
11      Robidart      Julie
jrobidar@ucsc.edu      UCSC      ESP/Zehr.
12      Rienecker      Erich      yes
erich@mbari.org MBARI      CTD.
13      Prickett or tba Randy      yes
rprickett@mbari.org      MBARI      CTD.
14      Marin      Roman      yes
maro@mbari.org
MBARI      ESP.
15      McCann      Mike
mccann@mbari.org
      MBARI.
16      tba.

```

RegionDesc**PlannedTrackDesc**

```

*Occupy L67 to near 67-70.
*Deploy ESP drifter.
*Complete L67 to 67-90.
*Return to ESP and follow for remainder of cruise.
*Stations are entered in the waypoint database and below.

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CANON FALL 2012 TENTATIVE CRUISE PLAN
Depart ML 0830hrs 9Sep.
Western Flyer, 10-19Sep 2012.
GMT is LOC+7; 1 nMi=1.8348 km.

```

Based on 10kt steaming.

Event	Start time	Station	Latitude	Longitude
Distance offshore	name bottom	Distance	Approx offshore	
depth # (m)	(local)	(deg N)	(deg W)	(km) (nMi)
1	9/10/12 8:30 AM ML		36.8000 -121.7500	49
27				
2	9/10/12 8:48 AM C1		36.7967 -121.8467	54
30	200			
3	9/10/12 12:48 PM	H3	36.7350 -122.0200	
37	20	1000		
4	9/10/12 4:48 PM 67-55		36.6260 -122.4190	0
0	>1000			
5	9/10/12 8:48 PM 67-60		36.4590 -122.7770	
37				
20	>1000			
6	9/11/12 12:48 AM	67-65	36.2930 -123.1340	
73	40	>1000		
7	9/11/12 3:48 AM 67-70		36.1260 -123.4900	
110				
60	>1000			
8	9/11/12 5:48 PM 67-75		35.9590 -123.8450	

147	80	>1000		
9	9/11/12	8:48 PM	67-80	35.7930 -124.2000
183				
	100	>1000		
10	9/12/12	12:48 AM	67-85	35.6260 -124.5540
	220	120 >1000		
11	9/12/12	3:48 AM	67-90	35.4590 -124.9070
256				
	140	~4400		
12	9/12/12	7:48 AM	67-70	36.1260 -123.4900
110				
	60	>1000		
13	9/19/12	3:48 PM	ML	36.8000 -121.7500
6286		3426		

StartDtg GMT

EndDtg GMT

Accomplishments

ScientistComments

SciObjectivesMet

OperatorComments

AlIEquipmentFunctioned

OtherComments

UpdatedBy

isModified 0

Dive Information

[Query from Google Earth](#) · [Waypoint management](#) · [Web calendar](#) · [Dives over terrain](#) · [Precruise entry](#) · [Keyword search](#) · [Advanced search](#) · [Administrative page](#) · [Cruise planning & scheduling](#) · [Shipboard video procedures](#) · [Samples Database](#) · [Video Tapes](#)

Expedition Database maintenance team: Mike McCann, Jenny Paduan, Rich Schramm, Teresa Cardoza, Lonny Lundsten.