

**Project Title:** Consortium for Ocean Research in Climate (CORC) – Integrated Boundary Current Observations in the Global Climate System

**Project Short Title:** CORC

**Project Status:** Submitted

**UNOLS Project ID #:** 101572

**Version #:** 2

**Last Modified:** 8/6/2008 6:13:00 PM

**Date Submitted:** 6/13/2008

**Project Created By:** Uwe Send

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**P.I. Name:** Uwe Send

**Institution:** SIO

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**Institution:** SIO - UCSD, Scripps Institution of Oceanography

**Address:** 9500 Gilman Drive  
La Jolla, CA 92093 USA

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**Co P.I. Name**

**Institution**

**Phone**

**Email**

No Associated Co-PI

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**Science Discipline:** Physical Oceanography

**Large Program Abbr:** Other

**If Other Science Discipline, specify:**

**Large Program Comments:**

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**Project Status:** New Proposal

**Agency/Division/Program**

**Grant/Project Number**

**Agency Funding Status**

NOAA

NA17RJ1231

To Be Submitted

**Agency Description:**

**Institutional Proposal #:** UCSD 20084308

**Proposal Deadline submitted for:** 6/13/2008

**Project Start Date:** 7/01/2008

**End Date:** 6/30/2008

**Project Budget:** \$1,700,000

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<b>Year</b>	<b>Ship(s) Requested (Name Or Size)</b>	<b>Total Days Req.</b>	<b>Start Date</b>	<b>Repeat/Multi-ship/ Clearance Req./Estimated Cost</b>
2009	New Horizon	6	5/09/2009	N/N/N/116148
2009	Robert Gordon Sproul	2	5/09/2009	N/N/N/23920

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**Project Webpage:**

**Summary of Field Work:** In year 3 of the project, we will start to refine the technology of the monitoring system. In addition, the team will also start to operate the observing system on the chosen California Current section in a demonstration mode.

**Summary of Facility Requirements:**

**Summary of Other Requirements or Comments:**

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**Funding Agencies:** NOAA

**UNOLS Request ID #:** 1002122 **Last Modified:** 8/06/2008  
**Request Type:** Collaborative **Date Submitted:** 8/06/2008  
**Submitted By:** Uwe Send

Year	Ship/Facility	Optimum Start	Earliest Start	Latest Start
2009	New Horizon	5/09/2009	5/09/2009	6/15/2009

**Dates To Avoid:**

	Science Days	Mob Days	DeMob Days	Transit Days (Est)	Total
<b>Op Days Needed</b>	5	0	0	1	6

**Multi-Ship OP?** No **Description:**  
**Repeating Cruise?** No **# of Cruises:** 0 **Interval:**

**Repeating Description:**

**Schedule Justification:**

	Lat/Long	Marsden Grid	Navy Op Area
<b>Beginning</b>	32° N/117° W	120	NP09
<b>Ending</b>	32° N/117° W	120	NP09

**Op Area Summary:** Line 66 and 90

**Op Area Size:** unknown at this time

**Op Area Details:** The new Monterey glider section corresponds to Line 66, deployment of the Pilot Boundary Current Array is planned for Line 90, and (under other funding) SIO is maintaining physical/biological glider sampling on Lines 80 and 90. Lines 67, 76, 80, 83, 87, 90 and 93 are occupied quarterly by CalCOFI with hydrographic, plankton, acoustic, sea bird, and marine mammal sampling. For the proposed period, we plan to maintain continuous sampling on Line 66 for an additional year.

**Foreign Clearance Required:** No

**Coastal States:**

**Foreign Clearance Comments:**

**Start Port:** None

**Intermediate Ports:** None

**End Port:** None

**Port Explanation:**

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**Chief Scientist:** Uwe Send

**# in Science Party:** 4

**# of Science Teams:** 1

**# of Marine Techs:** 1

**Science Party Explanation:**

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**Instrumentation that affects scheduling**

**Instrumentation Explanation:**

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**Major Ancillary Facilities**

**Ancillary Facilities Explanation:**

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**Request Type:** Collaborative **Date Submitted:** 8/06/2008  
**Submitted By:** Uwe Send

Year	Ship/Facility	Optimum Start	Earliest Start	Latest Start
2009	Robert Gordon Sproul	5/09/2009	1/09/2009	3/15/2009

**Dates To Avoid:**

	Science Days	Mob Days	DeMob Days	Transit Days (Est)	Total
<b>Op Days Needed</b>	2	0	0	0	2

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