Coastal Observatories Workshop

ARRIVAL DATE: Monday, June 16, 2003
Thematic Focus: Travel, Social Ice Breakers, and Laying out the Charge

4:00 p.m.  Check in at the Jacques Cousteau Coastal Education Center

6:00 p.m.  Catered dinner at the Jacques Cousteau Coastal Education Center

7:00 p.m.  Welcome – M. De Luca, J. McDonnell

            Ice Breaker Activity – J. McDonnell

7:30 p.m.  Brief overview – What is the Mid Atlantic COSEE? (J. McDonnell)

            What Exactly is a Coastal Observatory in 10 minutes or less!
            Continuous vs. Discrete data (Demonstration)
            Goals and objectives of the program
            Expected Outcomes of the program

8:30 p.m.  Conclude program
Oceans Connecting Education – Agenda

DAY 1: Tuesday, June 17, 2003
Thematic Focus: Observing the Coastal Ocean – Technology

7:00 a.m.  Breakfast at the JC Coastal Ed Center

8:00 a.m.  Open Mic and Morning Announcements

8:30 a.m.  Logistics of the Day

8:30 a.m.  History of Studying the Ocean

Ocean Technology – Nets to ROVs to Cabled Observatories (speaker TBA)

9:15 a.m.  On-line review of COOL Classroom timeline (J. McDonnell)

Q & A and Debrief

Break

11:00 a.m.  Engineering Perspective – Lego Project

(Dr. Chris Rogers)

12:00  Lunch

1:00 p.m.  Lego Project demonstration (C. Rogers)

6:00 p.m.  Dinner at Grapevine Restaurant

Journal / Homework  Level of inquiry—finding time for the correct blend of on-line and hands-on
Assignment  Integration of marine science with technology

State standards
DAY 2: Wednesday, June 18, 2003
Thematic Focus: Observing the Coastal Ocean: the Physical Environment

7:00 a.m.  Breakfast

8:00 a.m.  Morning announcements—Review of day

8:30 a.m.  What Makes the Ocean Move? (J. Kohut)
            Questions and Answers

9:00 a.m.  Break

10:00 a.m. On-line demonstration – What Makes the Ocean Move?
           Follow that Bloom (M.S. and/or H.S. Versions)
           Q & A / Debrief

12:30 p.m. Lunch at the JC Coastal Education Center

1:30 p.m.  Meet at the RUMFS

2:00 p.m.  Tour of RUMFS

3:00 p.m.  Arabella trip – CTD and plankton sampling – on-board discussion of currents

5:00 p.m.  Return to JC Coastal Ed Center (set up plankton samples for exploration)

6:30 p.m.  Meet at the 4 C Sons Restaurant for cocktails
            Dinner

7:00 p.m.  Roundtable discussion: Group sharing

Journal / Homework Assignment
Enter your initial impressions of COOL Classroom… identify barriers to successful implementation
DAY 3: Thursday, June 19, 2003

Thematic Focus: Ocean Forecasting – Ocean and Atmospheric Interactions

7:30 a.m.  Breakfast

8:30 a.m.  Morning Announcements and Open Mic
           Logistical Review

9:00 a.m.  Ocean Forecasting & Modeling (TBA)
           Coastal Upwelling

10:00 a.m. Earth Science Unit – COOL Classroom
          Q & A / Debrief

12:00 p.m. Lunch at the Tuckerton Seaport
           Informal tour of exhibits

1:00 p.m.  Gulf Stream Voyage – Evaluation and Debrief

3:00 p.m.  Hands-on Fish Tagging Activity at the Rutgers Marine Field Station
           (Thomas Grothues)
           Half-hour in Computer Lab

5:30 p.m.  Pizza and Beer at the RUMFS

Journal / Minority Recruitment
Homework
Assignment
# Oceans Connecting Education – Agenda

**DAY 4: Friday, June 20, 2003**  
*Thematic Focus: The Big Picture*

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<th>Time</th>
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<td>7:00 a.m.</td>
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| 8:00 a.m.  | Open Mic and morning announcements  
Logistical Review                                     |
| 9:00 a.m.  | Inquiry in Your Classroom (CIESE)  
Integration of Marine Science Content: the Curse and Blessing… Guided Discussion and group planning session (RU)  
Implementation discussion                          |
| 12:00 p.m. | Lunch                                                                     |
| 1:30 p.m.  | Teams work on draft strategic plans  
Brainstorm needs for state implementation |
| 6:00 p.m.  | Dockside Restaurant for Dinner                                           |

**Journal / Homework**  
Integration and implementation strategies  
Minority recruitment

**Saturday –June 21, 2003**  
*Thematic Focus: Planning and Implementation*

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| 8:00 a.m.  | Open Mic and morning announcements  
Logistical review                                         |
| 8:30 a.m.  | Real-time data projects and collaborative projects (CIESE)                 |
| 9:30 a.m.  | Work on Strategic plans and prepare presentations                         |
| 12:00      | Working Lunch                                                             |
| 1:00 p.m.  | Presentation of draft strategic plans (3 presentations)  
Next step planning                                       |
| 5:00 p.m.  | Cruise to Atlantic City                                                   |
Sunday – June 22, 2003
Thematic Focus: Travel

7:00 a.m. Breakfast

Van Trip back to Airport