

Dr. Michael M. Krop, Chair

SUBJECT: REQUEST AUTHORIZATION FOR THE SUPERINTENDENT TO ENTER INTO A COOPERATIVE AGREEMENT AMONG ROYAL CARIBBEAN INTERNATIONAL, THE UNIVERSITY OF MIAMI ROSENSTIEL SCHOOL OF MARINE AND ATMOSPHERIC SCIENCE AND THE MIAMI-DADE COUNTY PUBLIC SCHOOLS IN SUPPORT OF THE SCIENCE TEACHER RESEARCH PROGRAM

COMMITTEE: EDUCATION AND SCHOOL OPERATIONS

Royal Caribbean International and the University of Miami Rosenstiel School of Marine and Atmospheric Science have proposed a cooperative agreement with the Miami-Dade County Public Schools (M-DCPS) to support science education in the district. The agreement will provide teachers with opportunities to participate in scientific programs aboard the earth/space and marine laboratory-equipped cruise ship, *Explorer of the Seas*. The partnership will also provide support for other existing districtwide science programs and activities, including the District Science and Engineering Fair Special Area Awards, Science Teacher-of-the-Year Award, the Global Learning to Benefit the Environment (GLOBE) teacher training program, and the Science, Engineering, Communications, and Mathematics Enhancement program (SECME). Stipends and/or teacher substitutes, when needed will be paid by the Division of Mathematics and Science Education to support professional development opportunities for participating teachers. No other costs to the District are associated with this partnership.

Funding for this item can be provided by utilizing existing appropriations in the General Fund of the 2004-2005 Tentative Adopted Budget under Fund 0100, Function 5000, Program 9715, Object 5149, Location 9628.

The Director for Safety and Environment of Royal Caribbean International is Richard Pruitt.

The Laboratory Director of The University of Miami Rosenstiel School of Marine and Atmospheric Science is Elizabeth Williams.

Copies of the cooperative agreement will be transmitted to the School Board Members under separate cover and are available for inspection by the public in the Office of Board Recording Secretary, Room 924, and the Citizen Information Center, Room 158, 1450 NE Second Avenue, Miami, Florida 33132.

D-7

ACTION PROPOSED BY That The School Board of Miami-Dade County, Florida,
DR. MICHAEL M. KROP: authorize the Superintendent to enter into a cooperative agreement among Royal Caribbean International, the University of Miami Rosenstiel School of Marine and Atmospheric Science and Miami-Dade County Public Schools In support of the Science Teacher Research Program.

Funding for this item can be provided by utilizing existing appropriations in the General Fund of the 2004-2005 Tentative Adopted Budget.

MT/LCR:ct



**DIVISION OF MATHEMATICS AND SCIENCE EDUCATION
COOPERATIVE AGREEMENT
EDUCATIONAL SERVICES OFF-CAMPUS**

Instructions: This form is to be completed if the agreement is between Miami-Dade County Public Schools and a non-school Allied Organization when programs may be offered at off-campus locations that are non-school Board property (Examples are: business and Industry, churches, and condominiums.)

This Cooperative Agreement is entered into on the 18th day of August 18, 2004 among the:

University of Miami Rosenstiel School of Marine and Atmospheric Science (RSMAS)
Name of Organization
4600 Rickenbacker Causeway Miami, Florida 33149-1098
Address City/State/Zip Code

Royal Caribbean Cruises Limited
Name of Organization
1050 Caribbean Way Miami, Florida 33132-2096
Address City/State/Zip Code

hereinafter referred to as the Organizations and the School Board of Miami-Dade County, Florida, for The Division of Mathematics and Science Education
Department Name

TERMS OF AGREEMENT

The terms of the agreement shall commence on August 18, 2004 and shall be ongoing until notice of cancellation is properly given.

NATURE OF ORGANIZATIONS' SERVICES

Cooperative agreement to involve secondary science teachers in scientific research and students in potential engineering related careers motivation on the Royal Caribbean Cruises Ltd. Explorer of the Seas research laboratories (atmospheric and marine) and other designated ships for the purpose of improving science achievement and instruction in the classroom (See Exhibits A and B) is incorporated herein by the reference as fully set forth herein.

ORGANIZATIONS' CONTACTS

Elizabeth Williams, University of Miami, RSMAS
Program Manager, Explorer of the Seas
Phone (305 - 361-4070)
Fax (305 - 361-4711)
E-mail: ewilliams@rsmas.miami.edu

Richard Pruitt, Royal Caribbean International
Director of Environmental Programs
Phone (305 - 982-2179)
Fax (305 - 539-6478)
E-mail: rpruitt@rccl.com

DESCRIPTION OF WHAT THE DEPARTMENT WILL PROVIDE
(See Exhibit A attached hereto and incorporated herein by reference.)

DESCRIPTION OF WHAT THE ORGANIZATIONS WILL PROVIDE
(See Exhibit B attached hereto and incorporated herein by reference.)

CANCELLATION

This agreement may be terminated by one or more of the parties by giving 30 days written notice to all other parties after the awards for the school year have been awarded but before the new school year begins.

INDEMNIFICATION

Subject to the limitations of Florida Statute 768.28 the School Board of Miami-Dade County, Florida, hereinafter referred to as the School Board, agrees to indemnify and hold harmless the Organizations from and against any and all claims, suits, actions, damages, or causes of action arising out of the negligent acts of the School Board arising out of or in connection with the provisions of this agreement.

The Organizations agree to indemnify, hold harmless and defend the School Board from and against any and all claims, suits, actions, damages, or causes of action arising out of negligent acts of the Organizations arising out of or in connection with the provisions of this agreement. If the Organizations are state agencies or subdivisions as defined in section 768.28, Florida Statutes, nothing herein shall be construed to extend the Organizations liabilities beyond that provided in section 768.28. Florida Statutes.

University of Miami, RSMAS Representative

Date

Royal Caribbean International Representative

Date

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA

Superintendent of Schools or Designee

Date

Division Head/Administrative Director

Date

Risk Management

Date

APPROVED AS TO FORM:

School Board Attorney

Date

EXHIBIT A

COOPERATIVE AGREEMENT MIAMI-DADE COUNTY PUBLIC SCHOOLS, UNIVERSITY OF MIAMI ROSENSTIEL, AND ROYAL CARIBBEAN CRUISES LTD.

The School Board of Miami-Dade County Florida agrees to:

- disseminate information, that includes applications and proposal formats to schools to provide six teachers per year opportunities to participate for one week each on Royal Caribbean Cruises Ltd.'s (RCCL) *Explorer of the Seas* as part of the atmospheric and oceanographic laboratory research team in the role of assisting the resident researcher in carrying out research and in delivering laboratory tours as well as talks to ship's passengers. This is to be accomplished through the development of a project plan by the teacher on research to be carried out during the one-week voyage. The project plan and proposal is to be approved by designated Miami-Dade County Public Schools (M-DCPS) staff, and University of Miami Rosenstiel staff assigned to the University of Miami research laboratories on the *Explorer of the Seas*. Approvals will be sought from RCCL for any proposed onboard activities in this project outside of the present Rosenstiel labs visiting scientist program. The project plan will include implementation of the research into the classroom in the form of lesson plans and follow-up from M-DCPS staff. The teachers will be selected from the middle school level with emphasis on the Really Exploring and Learning Meteorology (REALM) program and Science, Engineering, Communications, and Mathematics Enhancement (SECME) teachers.
- provide necessary substitute coverage for participating teachers.
- notify RCCL and RSMAS of the teachers availability 45 days prior to the departure date.
- disseminate information to schools participating in the SECME program to provide an opportunity for teachers and small groups of students (5 to 15) to attend field trips coordinated through RCCL on RCCL designated cruise ships while in port to increase student motivation and interest in engineering and nautical design.
- designate staff to deliver Global Learning Observations to Benefit the Environment (GLOBE) training to RCCL Adventure Ocean Youth program staff. The training will consist of the GLOBE program protocols and the use of computers and the Internet to input the data. The designated staff person will also arrange the designation of the RCCL ships as official GLOBE sites contributing to the GLOBE database and will act as the contributing resource for the GLOBE program implementation onboard the ships by providing consultation and GLOBE program written manuals, signage and brochures.
- work with the University of Miami RSMAS in future grant application ventures by providing staff to assist in co-authoring grant proposals to government agencies, such as the National Science Foundation, in relation to development of K-12 educational programs associated with the *Explorer of the Seas* Program. RCCL will be consulted during the proposal process concerning their involvement in any proposed educational activities onboard the *Explorer of the Seas*. Permission will be obtained in advance for any new proposed activities which would involve present RCCL onboard programs, interactions with the guests onboard or access to the *Explorer of the Seas* and its facilities.

EXHIBIT B

COOPERATIVE AGREEMENT MIAMI-DADE COUNTY PUBLIC SCHOOLS, UNIVERSITY OF MIAMI ROSENSTIEL, AND ROYAL CARIBBEAN CRUISES LTD.

Royal Caribbean Cruises Ltd. (RCCL) agrees to:

- provide a cabin with passenger privileges for six science teacher researchers (one at a time) over a twelve month calendar year to allow selected teachers that have submitted accepted proposals to embark on the *Explorer of the Seas* for the purpose of conducting scientific research in Atmospheric or Marine Sciences, and to assist the resident scientist with his/her research. The selected teachers will also have an opportunity to interact with passengers and assist in presentations and tours of the research laboratories. These teachers will be under a similar status as the visiting researchers as part of the Rosenstiel labs program.
- RCCL will also provide cruise awards for the elementary and middle school science teachers (2) of the year winners of the Dade County Science Teachers Association (DCSTA). The awards are to be given at the annual DCSTA Science Teacher-of-the-Year awards dinner.
- The funding for GLOBE training materials and equipment is to be provided by RCCL.
- RCCL will coordinate and lead tours of an RCCL cruise ship for M-DCPS designated SECME students and their teachers to attend career related field trips for the purpose of introducing students to engineering applications in the cruise ship industry.

The University of Miami Rosenstiel School of Marine and Atmospheric Science agrees to:

- provide a Program Manager who will review and evaluate proposals submitted by M-DCPS science teachers and, along with M-DCPS staff and will select six teachers per year to participate in the science teacher research program on the cruise ship based on their applications and proposals.
- coordinate with M-DCPS and RCCL the cruise activities of the science teacher researchers and provide structured time for teachers to interact with visiting scientists. The total amount of time during the week that the teacher will be involved with program activities will be determined by M-DCPS and the Program Manager of the Rosenstiel Labs on the *Explorer of the Seas*.
- provide staff to judge science fair projects in the elementary and secondary M-DCPS science fairs for the purpose of determining the Rosenstiel/RCCL special area awards winners.
- provide a guided tour of the *Explorer of the Seas* and the research laboratories onboard, providing that visitors are allowed on the vessel while it is in port. There will be one special area award given in elementary and one in the secondary science fair. The winning projects will be displayed in the research laboratories of the *Explorer of the Seas* for a limited time to be determined by Rosenstiel.