



## FLORIDA INSTITUTE OF OCEANOGRAPHY

830 First Street South  
St. Petersburg, Florida 33701  
Telephone: (727) 553-1100  
Fax: (727) 553-1109



# ANNOUNCEMENT

## Request for Proposals (RFP)

January 18, 2018

The Florida Institute of Oceanography (FIO) invites proposals from interested faculty and researchers of FIO's Full Member institutions for subsidized ship time and/or Keys Marine Lab time for July 1, 2018- June 30, 2019.

**This RFP covers requests for use on/at an FIO infrastructure, to include:**

*RV W. T. Hogarth*

*RV Weatherbird II*

*RV Price*

**Keys Marine Laboratory (KML)**

The FIO will fund the maximum number of ship days/Keys Marine Lab (KML) lab days as the budget allows for FY 18/19. Total ship and lab days awarded have been rising over the past 5 years. Last year we received 29 proposals. A total of 98 ship days were awarded to 22 proposals along with three proposals for use of KML (> 80% success rate). A decision on the total number of funded days will be made after the FY 18/19 budget is finalized (usually sometime in June). All shiptime/KML requests must be for days between July 1, 2018 and June 30, 2019.

Awards will be funded at a rate of 90% of the FY 18/19 daily rates. Current all inclusive daily rates are \$5,500/day for the RV W.T. Hogarth, and \$10,000/day for the RV Weatherbird II, and \$1,000/day for the RV Price. Daily rates for KML will be based on posted lab and small boat rates listed on the website under the Forms sections (<http://www.keysmarinelab.org/forms/forms.html>). Please use the KML rate calculator spreadsheet in your proposal to estimate total usage rates. Proposing institutions will be billed for the remaining 10% of the awarded ship time or their requested usage of KML.

Funded proposers will also be responsible for other incidental costs related to cruise(s) including but not limited to, port fees and clearance charges for foreign ports etc.

Please share this notice with any eligible colleagues who may be interested and not on our direct mailing list.

We look forward to receiving your proposals,

Philip A. Kramer, Ph.D.  
Director  
Florida Institute of Oceanography

**FLORIDA INSTITUTE OF OCEANOGRAPHY**  
**REQUEST FOR PROPOSALS**

for

FIO Subsidized Vessel and Lab Support

R/V W.T. Hogarth  
R/V Weatherbird II  
R/V Price  
Keys Marine Lab

July 1, 2018 - June 30, 2019

Submission Deadline: March 2, 2018

Please submit proposals electronically to Rob Walker at [robwalker@usf.edu](mailto:robwalker@usf.edu)  
cc to Cam Ngo at [camngo@usf.edu](mailto:camngo@usf.edu)  
Proposals must be in PDF

Upon receipt of the proposal, a confirmation email will be sent back to you.

Florida Institute of Oceanography  
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## REQUEST FOR PROPOSALS

for

### State Funded FIO Ship and Lab Support FY 2018 - 2019

The Florida Institute of Oceanography (FIO) is accepting proposals from FIO member institution faculty and researchers for requests for highly subsidized use of FIO research vessels and Keys Marine Lab for the fiscal year 18/19. All subsidized ship time awarded will be between July 1, 2018 and June 30, 2019. FIO funded ship time may be awarded to any eligible faculty or researcher on a competitive basis. Subsidized ship time aboard the RV Weatherbird II, RV W.T. Hogarth, and RV Price will be awarded at a rate of 90% of the FY 18/19 daily rates. Current daily rates are \$5,500/day for the RV W.T. Hogarth, and \$10,000/day for the Weatherbird II and \$1,000 for the RV Price. Proposing institutions will be billed for the remaining 10% of the awarded ship time (cost share). Subsidized use of the Keys Marine Lab will also be awarded 90% of the FY 18/19 usage rates. Please refer to the KML website ([www.keysmarinelab.org](http://www.keysmarinelab.org)) for current services/fees. Proposing institutions will be billed for the remaining 10% of their total usage as calculated from the KML rate calculator available to download at <http://www.keysmarinelab.org/forms/forms.html>.

For subsidized ship time proposals, estimated transit days to and from St. Petersburg must be included in the number of days requested. After the awards have been made, FIO will make every effort to reduce transit days by scheduling multiple cruises consecutively in various geographic regions of the state. Contact Rob Walker at FIO for transit estimates to and from your desired port of departure.

All FIO full member institution faculty and researchers are eligible to submit proposals to FIO no later than March 2, 2018. Please submit proposals electronically in PDF format to Rob Walker [robwalker@usf.edu](mailto:robwalker@usf.edu) and cc Cam Ngo [camngo@usf.edu](mailto:camngo@usf.edu). The FIO will send an electronic confirmation of the receipt of your proposal.

Please use the following format for naming your proposal files.  
“Institution Abbreviation”\_”PIlastname”\_”Asset”  
Example UWF\_Jeffrey\_Hogarth.pdf

All proposals will be reviewed through the Ships Advisory Committee. You are encouraged to give careful attention to the scientific and/or educational justification for the area of operations and timing of the cruise. If you have questions about proposal requirements please contact FIO as early as possible. Contact details are on page 9.

## PROPOSAL GUIDELINES

The format for FIO shiptime proposals must include:

- I. Summary (example attached)
- II. Title Page (example attached, include a single point of contact for awards)
- III. Results from prior cruises (if appropriate)
- IV. Introduction: background information for the proposed project, geographic area to be worked, and scientific justification or teaching requirements (Teaching cruises must reference course #.)
- V. Methods (type of sampling, gear, sampling strategy, etc. Be aware of permit requirements)
- VI. Permit Status and Verification
- VII. Tentative Cruise Plan (to be updated online)
- VIII. Curriculum Vitae of principal investigator(s)

Each proposal must have a title page that includes the teaching (indicate course number) or educational research activities, the number of days requested (including transit days), the preferred dates of the cruise, the signature of the PI submitting the proposal, a single contact point for all communications regarding the award, and the signature of the appropriate university administrator who is authorized to commit your time and the university's equipment for the proposed cruise. A joint proposal may be submitted by two faculty, teaching multiple classes, from a single institution or jointly by two faculty from different institutions. The title page should include the signature of the PI, with co-PI named in the proposal objectives. (A blank title page form is included for your convenience).

The FIO has established a policy requiring certification with each proposal that the FIO will not be providing state-funded shiptime for federal, state or private granting agencies. It is not the intention to penalize funded researchers, but limited state allocated ship days cannot be used to accommodate grant funded programs requiring shiptime. Therefore each proposal must include a statement signed by the principal investigator certifying that the shiptime being requested will not be used for a funded grant/contract. Failure to include such a statement, as shown on the sample title page, will result in rejection.

The results of prior cruises should include, where appropriate, the university course number, number of students, outcomes such as theses, dissertations or publications, and any grants or other funding resulting from seed data collection aboard the FIO vessels.

A tentative cruise plan is essential to a shiptime proposal. The enclosed package contains a list of FIO equipment available. The cruise plan format is available on the Cruise Planning Page on the FIO website link <http://www.fio.usf.edu/vessels/cruise-plan>. Ship specifications are available on the FIO website. This information should be used to design a program within the capabilities of the vessel. It is important to demonstrate realistic expectations of the ship facilities and available equipment including ship cruising speed, science party capacity, gear capabilities, and permitting restrictions. A final cruise plan must be completed and submitted at least 3 weeks prior to sailing date. It is important that you read and understand the [FIO Members Charter Terms and](#)

[Conditions](#). If you have any questions concerning the development or design of a cruise plan, please contact Rob Walker.

## **PROPOSAL EVALUATION**

Priority will be given to proposals that clearly support the teaching and educational research mission of the FIO and the Florida Department of Education. Evaluations will also factor in financial contributions made towards the construction of the RV Hogarth with the goal of awarding back the equivalent amount in subsidized ship time to contributing institutions over the next three years. Proposals involving participation of undergraduates, data collection for class work, course demonstration cruises, and research in support of M.S./Ph.D. programs will have priority consideration on the basis of educational and scientific merit. Education/training proposals should include a brief outline of the targeted courses and how the proposed shiptime is integrated and important to the curriculum.

Requests for state shiptime to support grant or contract programs, which are already funded but require shiptime, will not be considered.

Faculty research programs for seed data collection for use in preparing grant/contract proposals will also be considered, but may have lower priority. Ideally, such proposals will include training for students and demonstrate a track record of published results from previous funded proposals. Research shiptime proposals should include a clear explanation of the significance of the proposed work. The Review Panel does not include expertise in all eligible disciplines, and although every effort will be made to obtain a peer review for specific disciplines, the proposal should explain the project in terms and in adequate detail to be readily understandable to a colleague outside the disciplinary field.

Previous review panels have concluded that 3-4 days are adequate for general demonstrations of oceanographic equipment, procedures, and instruction at sea. Because the RV Hogarth accommodates only 10 scientific personnel on overnight cruises, it may be necessary to split larger teaching cruises into several 10 person legs or to request the R/V Weatherbird II. Under no circumstances can more than 10 member scientific parties be accommodated on overnight cruises on the RV Hogarth and 13 member scientific parties on the R/V Weatherbird II. The RV Hogarth is not generally used for continuous underway programs of more than seven days. The R/V Weatherbird II is not generally used for continuous underway programs of more than 10 days.

Proposals requesting the R/V Weatherbird II must include strong operational justification for why the larger vessel is needed. Operational costs for the R/V Weatherbird II are approximately double those of the RV Hogarth. Therefore, each day awarded on R/V Weatherbird II will be the funded equivalent to two days on R/V Hogarth.

Costs associated with facilitating cruises in foreign water have risen dramatically. Cruises in foreign waters require clearances from the country concerned and require the FIO to hire an

agent to process clearances in and out of the U.S. and foreign ports. Allow a minimum of six months for processing foreign clearances. All agent fees, port charges and incidental costs are the responsibility of the funded institution.

## **APPEALS**

Applicants may appeal the denial of a funding request within 5 days of the official letter of rejection. Appeals should be addressed to the Chair of the FIO Advisory Council, who may accept or deny the appeal. If the appeal is accepted, the Chair will appoint three members of the FIO Council to determine if the appeal has merit. If a finding of “merit” is found, the FIO Chair, in consultation with the Director will determine if action should be taken to fund the denied proposal.

## PERMITS

### **IMPORTANT**

#### **PERMITTING NOTE**

The Florida Fish and Wildlife Conservation Commission and the National Marine Fisheries Service have issued permits to the FIO vessels allowing trawling and other gear deployment under very limited conditions. **PLEASE REVIEW THE PERMIT LIMITATIONS UNDER WHICH THE VESSEL MUST OPERATE. IF YOU CAN NOT WORK WITHIN THESE GUIDELINES YOU MUST HAVE YOUR OWN PERMIT. THE VESSEL AND CREW SHOULD BE LISTED AS ADDITIONAL PERMITEES.**

**Permit verification and status should be included in your proposal.**

#### **PERMITS FOR RESTRICTED GEAR**

The Florida Institute of Oceanography currently holds a Special Activities License for authorization to deploy otter trawls from the R/V W.T. Hogarth and R/V Weatherbird II. This license, issued by the Florida Fish and Wildlife Conservation Commission, allows the deployment of a single 30' otter trawl for a time period not to exceed 20 minutes in state waters. The license authorizes temporary possession of marine organisms with waiver of seasonal, fishery and area closures, size and bag limits. Organisms must be released alive and unharmed once they have been identified, measured, weighed, catalogued or photographed. All Prohibited Species incidentally harvested must be returned to the water immediately.

National Marine Fisheries Service (NMFS) will no longer issue exemptions for operating otter trawls without a Turtle Excluder Devices (TED) to the FIO. Researchers wishing to deploy otter trawls without TEDs must request an exemption from the NMFS. The FIO has obtained nets with TEDs installed that will be available for science groups not able to obtain the exemptions. Additional permits are not required to retain non-prohibited species harvested in federal waters.

The FIO tries to anticipate the permitting needs of its member institutions and their researchers, but agencies will not grant FIO general permits for sampling and retaining specimens. Therefore, if you plan on retaining any specimens, you are requested to obtain Special Activities Licenses and gear exemptions directly from the respective agencies. Please contact the FIO for additional information.

Cruises in foreign waters, including the Bahamas, require clearances from the country concerned and may require liaison with the U.S. Department of State. The vessels do not hold permits to conduct scientific operations in foreign waters. Individual scientists must secure their own permits for these operations. Clearances for cruises in foreign waters generally require a minimum of six months lead-time. The Panel reviews foreign cruise requests very carefully. Such requests should have a very strong geographical justification. All permitting costs associated with research cruises in foreign waters will be the responsibility of the funded institution.

Operations in the Florida Keys will be subject to restrictions imposed by the Florida Keys National Marine Sanctuary or the National Park Service (Dry Tortugas) and may also require special permitting for individual scientists. Please verify permit requirements for specific science operations prior to submitting your proposal.

## CONTACT INFORMATION

If you have any questions about submission of your proposal, or if you require more information or clarification of procedures, please do not hesitate to contact the FIO.

General Administration and Awards

Rob Walker 727-553-3363 [robwalker@usf.edu](mailto:robwalker@usf.edu)  
or

Cam Ngo 727-553-3942 [camngo@usf.edu](mailto:camngo@usf.edu)

Schedules, Permitting and  
Technical Support

Rob Walker 727-553-3363 [robwalker@usf.edu](mailto:robwalker@usf.edu)

Keys Marine Laboratory

Lisa Tipsword 305-664-9101  
[tipsword@keysmarinelab.org](mailto:tipsword@keysmarinelab.org)

Billing Information

727-553-1100 [ldhuynh@usf.edu](mailto:ldhuynh@usf.edu)



Contacts for cognizant agencies are:

National Marine Fisheries Service

9721 Executive Center Dr. N.  
St Petersburg, FL. 33702  
727-570-5312

Florida Fish and Wildlife Conservation Committee  
Division of Marine Fisheries

Mail Box MF-MFM  
620 South Meridian St.  
Tallahassee, FL. 32399-1600  
850-488-6058

Florida Keys National Marine Sanctuary  
Science Coordinator  
P.O. Box 500368  
Marathon, FL. 33050  
305-743-2437

## **Sampling Gear Available at FIO**

Although all gear listed below is available for use on FIO funded cruises, use of the CTD or CTD/Carousel systems requires a short training session in its operation and maintenance. Training can be completed at the FIO facilities on the day of departure.

Users requesting SCUBA compressors must have the appropriate training, including Hazardous Material Training for Fill-Station Operators and/or Compressor Operators. This training is available from your institution's Dive Safety Officer.

### **Electronics**

SeaBird SBE 25 CTD (operates at up to 8 scans/sec.)

SeaBird 32 Carousel w/Seabird 33 deck unit

12 bottle

12-liter max. bottle size

The RV Hogarth CTD winch has a capacity of 1000 meters. The R/V Weatherbird II CTD winch has a capacity of 2800 meters. If deeper casts are required, conducting cable must be loaded onto the main winch. Please contact Rob Walker with questions on operational capabilities.

Cable Payout Indicators for CTD, Hydro and Trawl blocks

Furuno Differential GPS (RS232, NMEA 0183 Data available in lab)

Laboratory Computer System

### **Niskin Bottles**

<b>Size</b>	<b>Qty</b>
5 liter	12
8 liter	12
12 liter	12

### **Plankton Nets**

(various mesh sizes available from (80, 100, 202, 500, 1000 $\mu$ ))

50 cm	2
60 cm	2
1 m	1
Bongo Nets	2
Nueston Net	1
Flow Meters	4
Double Trips	6
Messengers	20
Wire Stops	6

### **Trawling Gear**

Otter Trawls\*

Nets	5	(3 with TED installed)
Doors	4	
Tucker Trawls	1	

\* Deployment of Otter Trawls may require individual permits.

**Bottom Samplers**

Shipek Grab	2
Capetown Dredge	3
Orange Peel Grab	1
Van Veen Grab	1
Underway	
Sediment Samplers	2
Gravity Corer (no liners)	2
Smith MacIntyre Grab	1

**Miscellaneous**

Secchi Disk	2
Refractometer	2
Bucket Thermometers	2
Wire Angle Indicators	2
Aquaria with air pumps	4
Microscopes	1 Compound
Scuba Compressors	2

\* Use of Longline Requires individual permit.

**Winches**

<b><u>Description</u></b>	<b><u>Capacity (Hogarth)</u></b>	<b><u>Capacity (Weatherbird II)</u></b>
Hydrographic Winch	1500 meters	1500 meters
CTD Winch	1000 meters	2800 meters
Main Winch	1500 meters, trawl wire	4000 meters

## PROPOSAL SUMMARY

(Electronic Search Information)

PI Name:

Home Institution:

Address:

Other participants:

Preferred Dates for Cruise:

Secondary Dates:

Preferred Location of Cruise:

Primary Research/Education Goal(s) [2 sentence maximum]

Contributes to sponsored research program (Y/N):

Gear Required:

Special Permits Required:

Estimated Days of Shiptime:

INSTITUTION:

PRINCIPAL INVESTIGATOR:

DEPARTMENT:

ADDRESS:

TELEPHONE:

OFFICE:

MOBILE:

FAX:

E-MAIL:

POINT OF CONTACT:

DEPARTMENT:

ADDRESS:

TELEPHONE:

OFFICE:

MOBILE:

FAX:

E-MAIL:

A SHIPTIME PROPOSAL

to

FLORIDA INSTITUTE OF OCEANOGRAPHY

TITLE:

TYPE/DISCIPLINE:

NUMBER OF DAYS:

PREFERRED DATES:     1.  
                                  2.  
                                  3.

\_\_\_\_\_  
Principal Investigator

\_\_\_\_\_  
Accountable Officer

\_\_\_\_\_  
Typed Name

\_\_\_\_\_  
Title

NOTE: By the above signatures, it is certified that this requested shiptime will not be used for a grant or contract funded by another agency without prior notification to FIO.