

June 10, 2004

U. S. Coast Guard  
431 Crawford Street  
Portsmouth, VA 23704-5004

Attention: Mr. Albert L. Grimes III  
Marine Information Specialist

RE: Private Aids to Navigation Application for Identification and Marking of Scientific Instrumentation in the Anacostia River for the HSRC "Active Capping Project"

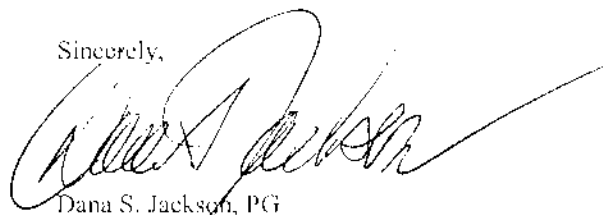
Dear Mr. Grimes:

Horne Engineering Services, Inc. (HORNE ENGINEERING) is pleased to submit the attached Private Aids to Navigation Application Form for "Scientific Measurement Devices" finalizing the locations of the three new buoys required by the US Coast Guard (USCG) for the Anacostia River Capping Project. As requested these buoys have been installed to protect the scientific devices monitoring the "Active Capping" technologies project sponsored by the Hazardous Substance Research Center/South and Southwest (HSRC), Louisiana State University through an EPA grant.

As required HORNE ENGINEERING has installed one slow flashing white light buoy two additional buoys at either end of the study area and toward the channel for daytime navigation. In addition, although not required by the permit each rod has a flashing light and small buoy attached for daytime and nighttime navigation. All scientific instrumentation will lie shoreward the required buoys. As required, once the study is concluded and all scientific devices have been removed the USCG will be notified that the buoys are no longer necessary and will request permission for their removal.

If you have any comments or questions regarding this permit application, please contact me at 703-641-1100 or [YZhu@HORNE.com](mailto:YZhu@HORNE.com). Thank you for your assistance. We look forward to working with you on this timely and important project.

Sincerely,



Dana S. Jackson, PG  
Senior Environmental Scientist

Enclosures:  
Permit Application Form

DEPARTMENT OF TRANSPORTATION U.S. COAST GUARD CG-2554 (Rev. 7-76)

**PRIVATE AIDS TO NAVIGATION APPLICATION**  
(See attached instructions and copy of Code of Fed. Reg., Title 33, Chap. 1, Part 66)

Form Approved  
OMB-004-R5681

NO PRIVATE AID TO NAVIGATION MAY BE AUTHORIZED UNLESS A COMPLETED APPLICATION FORM HAS BEEN RECEIVED (14 U.S.C. 83, 33 C.F.R. 66.01-5).

1. ACTION REQUESTED FOR PRIVATE AIDS TO NAVIGATION: A  ESTABLISH AND MAINTAIN B.  DISCONTINUE C.  CHANGE D.  TRANSFER OWNERSHIP

2. DATE ACTION TO START: **March 20, 2004**

3. AIDS WILL BE OPERATED: A.  THROUGHOUT THE YEAR B.  TEMPORARILY UNTIL \_\_\_\_\_ C.  ANNUALLY \_\_\_\_\_ TO **August 2007**

4. NECESSITY FOR AID (Continue on Block 8)  
**Navigation Aids to Mark Scientific Instrumentation**

5. GENERAL LOCALITY:  PERMIT OR  LETTER (file and date)

7. APPLICANT WILL FILL IN APPLICABLE REMAINING COLUMNS

LIGHT LIST NUMBER OR PAGE	NAME OF AID	NO. OR CONTR. (7a)	LIGHT		POSITION (7e)	DEPTH OF WATER (7f)	CAN-TOLE ABOVE WATER (7g)	HT. ABOVE WATER (7h)	STRUCTURE TYPE, COLOR, AND HEIGHT ABOVE GROUND (7i)	REMARKS (See instructions) (7j)
			FLASH PER. (7b)	COLOR (7c)						
	B	1			<b>LAT 38 52 16.18482</b>	8		40"		
	A	2	4s	white	<b>LONG 77 00 17.82003</b>	9	1mi	41"		Can Buoy CG Orange (Danger)
	C	3			<b>LAT 38 52 17.66214</b> <b>LONG 77 00 15.76217</b> <b>LAT 38 52 17.66214</b> <b>LONG 77 00 14.04824</b>	8		40"		Lighted Buoy CG Orange Can Buoy CG Orange (Danger)

8. ADDITIONAL COMMENTS

The navigation aids will be installed to identify the scientific instruments as a hazard to navigation within the study area. Additional information may be found in Attachments 1 & 2.

9a. NAME AND ADDRESS OF PERSON IN DIRECT CHARGE  
Dr. Yvesel Zhu  
Home Engineering Services, Inc  
Fairfax, Va 22031

10a. NAME AND ADDRESS OF PERSON OR CORPORATION AT WHOSE EXPENSE AIDS MAINTAINED  
David Constant, Ph.D., Program Manager  
Hazardous Substance Research Center South and Southwest 221 SEBA Building  
Louisiana State University  
Baton Rouge, LA 70803-6421

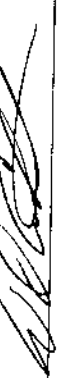
9b. TELEPHONE NO. (703) 641-1100/(225) 578-6770

FOR USE BY DISTRICT COMMANDER  
CLASSIFICATION OF AIDS: **Class**

SERIAL NO. \_\_\_\_\_

10b. THE APPLICANT AGREES TO SAVE THE COAST GUARD HARMLESS WITH RESPECT TO ANY CLAIM OR CLAIMS THAT MAY RESULT ARISING FROM THE ALLEGED NEGLIGENCE OF THE MAINTENANCE OR OPERATION OF THE APPROVED AID(S).

10c. DATE: **3/18/04**

10c. SIGNATURE AND TITLE OF OFFICIAL SIGNING: 

DATE APPROVED: \_\_\_\_\_

10c. SIGNATURE (By Director): \_\_\_\_\_

RECD. \_\_\_\_\_  
CHART \_\_\_\_\_  
L. N. M. \_\_\_\_\_

PREVIOUS EDITIONS ARE OBSOLETE