

contoured shroud surface establishing a pinch point location of minimum passage area intermediate inlet and outlet ends of the diffuser passage. Convergent and divergent flow portions of the diffuser passage respectively extend to and from the pinch point to establish convergent flow from the inlet end and divergent flow toward the outlet end for exit outflow at a flow angle less than that of a convergent inflow angle from the inlet end imposed along an initial profile segment. U.S. Patent Number 6,294,849:

**MAGNETOSTRICTIVE ACTUATOR WITH LOAD COMPENSATING OPERATIONAL MODIFICATION.**

**ABSTRACT:** A magnetostrictive actuator has an active rod deformed under exposure to magnetic bias of a magnetic field that is modified in accordance with variable external input loading transferred through gearing to rotationally displace a segmented magnetic shell relative to a fixed segmented magnetic shell within which the magnetic field is established. U.S. Patent Number 6,235,541:

**PATTERNING ANTIBODIES ON A SURFACE.** **ABSTRACT:** Substrates are patterned with antibodies attached thereto at discrete locations from which absorption resistant coating is removed by selectively controlled mechanical scribing contact to avoid chemical removal so as to decrease fabrication costs and increase fabrication speed. U.S. Patent Number 6,170,422:

**ATTACHMENT OF EQUIPMENT TO COMPOSITE SANDWICH CORE STRUCTURES.** **ABSTRACT:** Equipment is removably connected by a load transfer element and a removable fastener bolt to a core sandwich type of bulkhead through a plug-in insert, adhesively bonded to the bulkhead at interface surfaces within a pocket formed in the bulkhead for reception of such insert. U.S. Patent Number 6,138,724: **SHIPBOARD PAINT DISPENSING SYSTEM.** **ABSTRACT:** A storage chamber within a paint dispensing reservoir tank is maintained filled with paint from a refill paint source during recirculation of such paint through a paint cleansing filter within the chamber for supply of filter cleansed paint to a paint dispensing outlet under control of a metering system involving use of a valve controlled air-powered pump and flow metering regulating cylinders. U.S. Patent Number 6,038,995: **COMBINED WEDGE-FLAP FOR IMPROVED SHIP POWERING.** **ABSTRACT:** The inventive combination of a stern wedge and a stern flap demonstrates hydrodynamic properties which, for purposes of

enhancing the powering performance of a ship, are superior to those of either a solitary stern wedge or a solitary stern flap. For many inventive embodiments the stern wedge portion's lower surface and the stern flap portion's lower surface are slanted at approximately equal angles with respect to the buttock centerline, thereby optimally consolidating the stern portion's lower surface and the flap portion's lower surface so as to effectively create an overall hydrodynamic lower surface which is slanted approximately at one and the same angle. U.S. Patent Number 6,208,268: **VEHICLE PRESENCE, SPEED AND LENGTH DETECTING SYSTEM AND ROADWAY INSTALLED DETECTOR THEREFOR.** **ABSTRACT:** An improved detector is provided for installation in a roadway surface. The detector finds utility in a highway vehicle detection system for determining vehicle presence, vehicle speed and vehicle length. First and second matched induction coil magnetic sensors are maintained at or near the roadway surface. Each of the sensors has a longitudinal axis aligned normal to the roadway surface. The first and second sensors are separated from one another by a known distance in a direction substantially aligned with a direction of traffic flow. Each of the sensors generate a differential magnetic field signature with respect to time to indicate a passing vehicle's leading and trailing edge magnetic signatures. Vehicle speed is determined by a time-distance relationship using the leading and trailing edge magnetic signatures and the known distance. Vehicle length is determined by a time-speed relationship using the leading and trailing edge magnetic signatures and the determined vehicle speed. A triaxial magnetometer maintained at a location in close proximity to the first and second sensors measures a DC magnetic field. The DC magnetic field has vertical and horizontal magnetic field components with the horizontal components including a component substantially aligned with the direction of traffic flow and a component substantially perpendicular to the direction of traffic flow. The vertical and horizontal components caused by the passing vehicle are used to determine vehicle presence. An ELF communications system may be incorporated with the detector to link roadside and vehicle transmitted received information.

**ADDRESSES:** Requests for copies of the patents cited should be directed to: Naval Surface Warfare Center Carderock Division, Code 0117, 9500 MacArthur Boulevard, West Bethesda, MD 20817–

5700, and must include the patent number.

**FOR FURTHER INFORMATION CONTACT:** Mr. Dick Bloomquist, Director, Technology Transfer Office, Naval Surface Warfare Center Carderock Division, Code 0117, 9500 MacArthur Boulevard, West Bethesda, MD 20817–5700, telephone (301) 227–4299.

(Authority: 35 U.S.C. 207, 37 CFR Part 404)

Dated: October 17, 2002.

**R.E. Vincent II,**

*Lieutenant Commander, Judge Advocate General's Corps, U.S. Navy, Federal Register Liaison Officer.*

[FR Doc. 02–26907 Filed 10–22–02; 8:45 am]

**BILLING CODE 3810–FF–P**

## DEPARTMENT OF EDUCATION

### Notice of proposed information collection requests

**AGENCY:** Department of Education.

**ACTION:** Notice of proposed information collection requests.

**SUMMARY:** The Leader, Regulatory Information Management, Office of the Chief Information Officer, invites comments on the proposed information collection requests as required by the Paperwork Reduction Act of 1995.

**DATES:** An emergency review has been requested in accordance with the Act (44 U.S.C. Chapter 3507(j)), since public harm is reasonably likely to result if normal clearance procedures are followed. Approval by the Office of Management and Budget (OMB) has been requested by October 30, 2002. A regular clearance process is also beginning. Interested persons are invited to submit comments on or before December 23, 2002.

**ADDRESSES:** Written comments regarding the emergency review should be addressed to the Office of Information and Regulatory Affairs, *Attention:* Lauren Wittenberg, Desk Officer: Department of Education, Office of Management and Budget; 725 17th Street, NW., Room 10235, New Executive Office Building, Washington, DC 20503 or should be electronically mailed to the internet address [Lauren\\_Wittenberg@omb.eop.gov](mailto:Lauren_Wittenberg@omb.eop.gov).

**SUPPLEMENTARY INFORMATION:** Section 3506 of the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires that the Director of OMB provide interested Federal agencies and the public an early opportunity to comment on information collection requests. The Office of Management and Budget (OMB) may amend or waive the

requirement for public consultation to the extent that public participation in the approval process would defeat the purpose of the information collection, violate State or Federal law, or substantially interfere with any agency's ability to perform its statutory obligations. The Leader, Information Management Group, Office of the Chief Information Officer, publishes this notice containing proposed information collection requests at the beginning of the Departmental review of the information collection. Each proposed information collection, grouped by office, contains the following: (1) Type of review requested, *e.g.*, new, revision, extension, existing or reinstatement; (2) Title; (3) Summary of the collection; (4) Description of the need for, and proposed use of, the information; (5) Respondents and frequency of collection; and (6) Reporting and/or Recordkeeping burden. ED invites public comment.

The Department of Education is especially interested in public comment addressing the following issues: (1) is this collection necessary to the proper functions of the Department; (2) will this information be processed and used in a timely manner; (3) is the estimate of burden accurate; (4) how might the Department enhance the quality, utility, and clarity of the information to be collected; and (5) how might the Department minimize the burden of this collection on respondents, including through the use of information technology.

Dated: October 17, 2002.

**John D. Tressler,**

*Leader, Regulatory Information Management, Office of the Chief Information Officer.*

#### **Federal Student Aid**

*Type of Review:* New Collection.

*Title:* Teacher Cancellation Low Income Directory.

*Abstract:* There are 57 State Agencies that contribute to the development of a directory of elementary and secondary schools which qualify for the teacher cancellation benefit. The directory allows post-secondary institutions to determine whether or not a teacher who received a Federal Perkins Loan, Direct loan, or Federal Family Education Loan at their school is eligible to receive a loan cancellation as provided under Title I of the Elementary and Secondary Education Act of 1965.

*Additional Information:* Emergency clearance of this collection is necessary because if the collection were not approved for use by November 1, public harm to students applying for eligibility would occur.

*Frequency:* Annually.

*Affected Public:* Individuals or household, State, Local, or Tribal Gov't, SEAs or LEAs.

*Reporting and Recordkeeping Hour Burden:*

Responses: 1.

Burden Hours: 6983.

Requests for copies of the proposed information collection request may be accessed from <http://edicsweb.ed.gov>, by selecting the "Browse Pending Collections" link and by clicking on link number 2174. When you access the information collection, click on "Download Attachments" to view. Written requests for information should be addressed to Vivian Reese, Department of Education, 400 Maryland Avenue, SW., Room 4050, Regional Office Building 3, Washington, DC 20202-4651 or to the e-mail address [vivan.reese@ed.gov](mailto:vivan.reese@ed.gov). Requests may also be electronically mailed to the internet address [OCIO\\_RIMG@ed.gov](mailto:OCIO_RIMG@ed.gov) or faxed to (202) 708-9346. Please specify the complete title of the information collection when making your request.

Comments regarding burden and/or the collection activity requirements, contact Joe Schubart at (202) 708-9266. Individuals who use a telecommunications device for the deaf (TDD) may call the Federal Information Relay Service (FIRS) at 1-800-877-8339.

[FR Doc. 02-26894 Filed 10-22-02; 8:45 am]

**BILLING CODE 4000-1-P**

#### **DEPARTMENT OF ENERGY**

##### **Office of Science; Basic Energy Sciences Advisory Committee**

**AGENCY:** Department of Energy.

**ACTION:** Notice of open meeting.

**SUMMARY:** This notice announces a meeting of the Basic Energy Sciences Advisory Committee (BESAC). Federal Advisory Committee Act (Pub. L. 92-463, 86 Stat. 770) requires that public notice of these meetings be announced in the **Federal Register**.

**DATES:** Tuesday, November 5, 2002, 8 a.m. to 5 p.m., and Wednesday, November 6, 2002, 8 a.m. to 12 p.m.

**ADDRESSES:** Gaithersburg Marriott Washingtonian Center, 9751 Washingtonian Boulevard, Gaithersburg, MD 20878.

**FOR FURTHER INFORMATION CONTACT:** Sharon Long; Office of Basic Energy Sciences; U. S. Department of Energy; 19901 Germantown Road; Germantown, MD 20874-1290; Telephone: (301) 903-5565.

##### **SUPPLEMENTARY INFORMATION:**

*Purpose of the Meeting:* The purpose of this meeting is to provide advice and guidance with respect to the basic energy sciences research program.

*Tentative Agenda:* Agenda will include discussions of the following:

Tuesday, November 5, 2002.

- Welcome and Introduction.
- Office of Science Highlights.
- Basic Energy Sciences Highlights.

- Overview of the Division of Chemical Sciences, Geosciences, and Biosciences.

- Preliminary Summary of the Workshop on Basic Research Needs to Assure a Secure Energy Future.

- Update on Nanoscale Science Research Centers.

- Update on Linac Coherent Light Source.

Wednesday, November 6, 2002.

- Overview of Upcoming BESAC Activities.

*Public Participation:* The meeting is open to the public. If you would like to file a written statement with the Committee, you may do so either before or after the meeting. If you would like to make oral statements regarding any of the items on the agenda, you should contact Sharon Long at 301-903-6594 (fax) or [sharon.long@science.doe.gov](mailto:sharon.long@science.doe.gov) (e-mail). You must make your request for an oral statement at least 5 business days prior to the meeting. Reasonable provision will be made to include the scheduled oral statements on the agenda. The Chairperson of the Committee will conduct the meeting to facilitate the orderly conduct of business. Public comment will follow the 10-minute rule. This notice is being published less than 15 days before the date the meeting due to programmatic issues that had to be resolved prior to publication.

*Minutes:* The minutes of this meeting will be available for public review and copying within 30 days at the Freedom of Information Public Reading Room; 1E-190, Forrestal Building; 1000 Independence Avenue, SW.; Washington, DC 20585; between 9:00 a.m. and 4:00 p.m., Monday through Friday, except holidays.

Issued in Washington, DC on October 17, 2002.

**Rachel M. Samuel,**

*Deputy Advisory Committee Management Officer.*

[FR Doc. 02-26961 Filed 10-22-02; 8:45 am]

**BILLING CODE 6450-01-P**

#### **DEPARTMENT OF ENERGY**

##### **Environmental Management Site-Specific Advisory Board, Northern New Mexico**

**AGENCY:** Department of Energy.

**ACTION:** Notice of open meeting.

**SUMMARY:** This notice announces a meeting of the Environmental Management Site-Specific Advisory Board (EM SSAB), Northern New Mexico. The Federal Advisory