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New England Fishery Management Council

50 WATER STREET | NEWBURYPORT, MASSACHUSETTS 01950 | PHONE 978 465 0492 | FAX 978 465 3116  
John Pappalardo, *Chairman* | Paul J. Howard, *Executive Director*

July 6, 2009

Ms. Patricia A. Kurkul  
Regional Administrator  
NMFS, Northeast Regional Office  
55 Great Republic Drive  
Gloucester, MA 01930

**RE: Comments on the Red Crab EFP Proposal**

Dear Pat:

The New England Fishery Management Council has no objection to the exempted fishery permit for the above-mentioned study as described in the *Federal Register* Vol. 74, No. 119 dated June 23, 2009.

If you have any question please contact me.

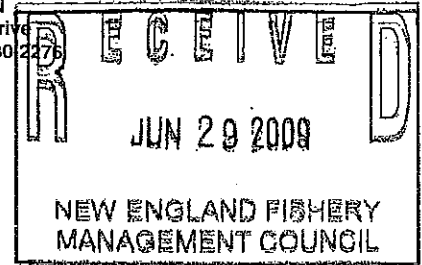
Sincerely,

A handwritten signature in black ink that reads "Paul J. Howard". The signature is written in a cursive style.

Paul J. Howard  
Executive Director



UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
NATIONAL MARINE FISHERIES SERVICE  
NORTHEAST REGION  
55 Great Republic Drive  
Gloucester, MA 01930-2276



Paul J. Howard  
Executive Director  
New England Fishery Management Council  
50 Water Street, Mill 2  
Newburyport, MA 01950

Dear Paul:

The regulations on exempted experimental fishing activities at 50 CFR 600.745(b)(3) require that the Regional Administrator forward copies of an application for experimental fisheries to the Regional Fishery Management Council(s), the U.S. Coast Guard, and the appropriate fishery management agencies of affected states, accompanied by the following information: (A) The effect of the proposed Exempted Fishing Permit (EFP) on the target and incidental species, including the effect on any Total Allowable Catch; (B) a citation of the regulation or regulations that, without the EFP, would prohibit the proposed activity; and (C) biological information relevant to the proposal, including appropriate statements of environmental impacts, including impacts on marine mammals and threatened or endangered species. Therefore, we have attached the Federal Register notice (74 FR 29674) that describes the activities proposed in the application submitted by the New England Red Crab Harvesters' Association, in conjunction with the Bigelow Laboratory for Ocean Sciences.

The primary goal of the experimental fishery is to begin harvesting non-egg bearing females to expand the red crab market and increase efficiency in the harvesting process. In addition, an experimental fishery that includes non-egg bearing females would provide an opportunity to conduct at-sea sampling, renewed tagging, and model development to better evaluate the growth and reproductive performance of the population, as well as the impact of current and proposed harvesting on yields and egg production.

Please respond to the following contact person with any comments you have on the experimental fishing proposal on or before July 8, 2009.

CONTACT PERSON: Moira Kelly  
Fishery Policy Analyst  
National Marine Fisheries Service  
55 Great Republic Drive  
Gloucester, MA 01930  
Phone: (978) 281-9218  
FAX: (978) 281-9135  
Email: Moira.Kelly@noaa.gov

Thank you for your cooperation.

Sincerely,

George H. Darcy  
Assistant Regional Administrator  
for Sustainable Fisheries

cc: Council, O3K (7/11)



injury, or threatening to cause material injury, to a U.S. industry. See section 703(a)(2) of the Act. A negative ITC determination will result in the investigation being terminated; otherwise, the investigation will proceed according to statutory and regulatory time limits.

This notice is issued and published pursuant to section 777(i) of the Act.

Dated: June 16, 2009.

**Ronald K. Lorentzen,**  
Acting Assistant Secretary for Import Administration.

## Appendix I

### Scope of the Investigation

For purposes of this investigation, prestressed concrete steel wire strand (PC strand) is steel wire strand, other than of stainless steel, which is suitable for use in, but not limited to, prestressed concrete (both pretensioned and post-tensioned) applications. The scope of this investigation encompasses all types and diameters of PC strand whether uncoated (uncovered) or coated (covered) by any substance, including but not limited to, grease, plastic sheath, or epoxy. This merchandise includes, but is not limited to, PC strand produced to the American Society for Testing and Materials (ASTM) A-416 specification, or comparable domestic or foreign specifications. PC strand made from galvanized wire is excluded from the scope if the zinc and/or zinc oxide coating meets or exceeds the 0.40 oz./ft<sup>2</sup> standard set forth in ASTM-A-475.

The PC strand subject to this investigation is currently classifiable under subheadings 7312.10.3010 and 7312.10.3012 of the Harmonized Tariff Schedule of the United States (HTSUS). Although the HTSUS subheadings are provided for convenience and customs purposes, the written description of the scope of this investigation is dispositive.

[FR Doc. E9-14743 Filed 6-22-09; 8:45 am]

BILLING CODE 3510-DS-P

## DEPARTMENT OF COMMERCE

### National Oceanic and Atmospheric Administration

RIN 0648-XP88

#### Magnuson-Stevens Act Provisions; General Provisions for Domestic Fisheries; Application for Exempted Fishing Permit

**AGENCY:** National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

**ACTION:** Notice; request for comments.

**SUMMARY:** The Assistant Regional Administrator for Sustainable Fisheries, Northeast Region, NMFS, has made a preliminary determination that the

subject exempted fishing permit (EFP) application contains all the required information and warrants further consideration. Therefore, NMFS announces that the Assistant Regional Administrator proposes to recommend that an EFP be issued that would allow four commercial fishing vessel to conduct fishing operations that are otherwise restricted by the regulations governing the fisheries of the Northeastern United States. The EFP, which would enable the applicants to land more than one standard tote of female red crabs and to conduct at-sea sampling and tagging, would allow for exemptions for up to four vessels from the Atlantic Deep-sea Red Crab Fishery Management Plan (FMP).

Regulations under the Magnuson-Stevens Fishery Conservation and Management Act require publication of this notification to provide interested parties the opportunity to comment on applications for proposed EFPs.

**DATES:** Comments must be received on or before July 8, 2009.

**ADDRESSES:** Comments on this notice may be submitted by e-mail to [RedCrabEFP@noaa.gov](mailto:RedCrabEFP@noaa.gov). Include in the subject line of the e-mail comment the following document identifier: "Comments on Red Crab EFP." Written comments should be sent to Patricia A. Kurkul, Regional Administrator, NMFS, Northeast Regional Office, 55 Great Republic Drive, Gloucester, MA 01930. Mark the outside of the envelope "Comments on Red Crab EFP." Comments may also be sent via facsimile (fax) to (978) 281-9135.

**FOR FURTHER INFORMATION CONTACT:** Moira Kelly, Fishery Policy Analyst, phone: 978-281-9218, fax: 978-281-9135.

**SUPPLEMENTARY INFORMATION:** An application for an EFP was submitted on November 19, 2008, by Dr. Richard Wahle of the Bigelow Laboratory for Ocean Sciences; Dr. Yong Chen of the School of Marine Sciences, University of Maine; and Mr. Jon Williams of the New England Red Crab Harvesters' Association. A supplementary proposal was received on February 10, 2009, that provided greater detail on the harvest of female red crabs (*Chaceon quinquidens*).

This project is fully funded by the New England Red Crab Harvesters' Association. The primary goal of the experimental fishery is to begin harvesting non-egg bearing females to expand the red crab market and increase efficiency in the harvesting process. In addition, an experimental fishery that includes non-egg bearing females would provide an opportunity to

conduct at-sea sampling, renewed tagging, and model development to better evaluate the growth and reproductive performance of the population, as well as the impact of current and proposed harvesting on yields and egg production. This aspect of the project would be conducted by an onboard researcher under the direction of Dr. Wahle. The objectives of this project are as follows:

1. Characterize regional variability in the reproductive characteristics of the red crab population along the geographic range of the fishery on the New England and mid-Atlantic shelf break;
2. Conduct tagging to evaluate growth rates that will facilitate the development of growth and yield and egg production models for the fishery; and
3. Develop yield and egg per recruit models to identify potential biological reference points for red crab stock assessment and to evaluate impacts of fishing on the female red crab resource.

The experimental design calls for normal commercial fishing operations, with the addition of retaining females. The research and experimental fishing would occur within the constraints of the current management measures, including possession limits and days-at-sea limits. The research would occur during normal fishing operations by sampling the catch to evaluate the size and sex composition of the catch, including the number of egg-bearing females. Further, the applicants propose to tag up to 20,000 crabs over 2 years to analyze growth. In order to allow for sufficient numbers of crabs for the tagging project, a small number of traps would be fitted with small mesh to trap smaller crabs. All crabs would be sorted and weighed, and crabs of marketable size would be retained for sale. All discards would be released as quickly as practicable to reduce incidental mortality. All at-sea research would be conducted from one of the four active red crab fishing vessels, fishing under that vessel's DAS.

The applicant may make requests to NMFS for minor modifications and extensions to the EFP throughout the year. EFP modifications and extensions may be granted by NMFS without further notice if they are deemed essential to facilitate completion of the proposed research and result in only a minimal change in the scope or impact of the initially approved EFP request. In accordance with NOAA Administrative Order 216-6, a Categorical Exclusion or other appropriate NEPA document would be completed prior to the issuance of the EFP. Further review and consultation may be necessary before a

final determination is made to issue the EFP. After publication of this document in the **Federal Register**, the EFP, if approved, may become effective following a 15-day public comment period.

**Authority:** 16 U.S.C. 1801 *et seq.*

Dated: June 17, 2009.

**Kristen C. Koch,**

*Acting Director, Office of Sustainable Fisheries, National Marine Fisheries Service.*

[FR Doc. E9-14722 Filed 6-22-09; 8:45 am]

BILLING CODE 3510-22-S

## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

#### Jointly Owned Invention Available for Non-Exclusive, Royalty-Free Licensing for Advanced Encryption Standard S-box Applications

**AGENCY:** National Institute of Standards and Technology, Commerce.

**ACTION:** Notice of jointly owned invention available for non-exclusive, royalty-free licensing for Advanced Encryption Standard S-box applications.

**SUMMARY:** The invention listed below is jointly owned by the U.S. Government, as represented by the Department of Commerce, and the University of Southern Denmark. The Department of Commerce's interest in the invention is available for non-exclusive, royalty-free licensing in the Field of Use of Advanced Encryption Standard S-box applications, in accordance with 35 U.S.C. 207 and 37 CFR part 404 to achieve expeditious commercialization of results of federally funded research and development.

**FOR FURTHER INFORMATION CONTACT:** Technical and licensing information on this invention may be obtained by writing to: National Institute of Standards and Technology, Office of Technology Partnerships, Building 820, Room 213, Gaithersburg, MD 20899. Information is also available via telephone: 301-975-3084, fax 301-975-3482, or e-mail: [brenda.thomasson@nist.gov](mailto:brenda.thomasson@nist.gov). Any request for information should include the NIST Docket number or Patent number and title for the invention as indicated below. The invention available for licensing is:

[Patent Number Application No. 12/367,660 filed February 9, 2009]

[NIST DOCKET NUMBER: 08-033]

**Title:** A New Technique for Combinational Circuit Optimization and a New Circuit for the S-Box of AES.

**Abstract:** A method of simplifying a combinational circuit establishes an initial combinational circuit operable to calculate a set of target signals. A quantity of multiplication operations performed in a first portion of the initial combinational circuit is reduced to create a first, simplified combinational circuit. The first portion includes only multiplication operations and addition operations. A quantity of addition operations performed in a second portion of the first, simplified combinational circuit is reduced to create a second, simplified combinational circuit. The second portion includes only addition operations. Also, the second, simplified combinational circuit is operable to calculate the target signals using fewer operations than the initial combinational circuit.

A computer-implemented method of simplifying a plurality of formulas establishes a plurality of formulas. The formulas include only addition operations, and the formulas correspond to a portion of a combinational circuit including only addition operations. A basis set including a plurality of input signals is defined. Using a computer, a distance vector is determined that includes one value for each of the plurality of formulas, the one value corresponding to a number of addition operations necessary to calculate a corresponding formula using signals from the basis set. Using the computer, two basis vectors are determined whose sum, when added to the distance vector, reduces at least one value in the distance vector, and the sum is added to the basis set. The steps of determining two basis vectors whose sum, when added to the basis set, reduces at least one value in the distance vector, and adding the sum to the basis set may be selectively repeated until the basis set includes sums corresponding to each of the plurality of formulas.

A combinational circuit for a Substitution-Box for the Advanced Encryption Standard having a total of 115 Boolean gates comprises a first, input portion, a second portion coupled to the first, input portion, and a third, output portion coupled to the second portion. The first, input portion has 23 XOR gates. The second portion has 30 XOR gate and 32 AND gates, and computes the non-linear component of inversion in GF(256). Also, in the second portion 11 of the 30 XOR gates and 5 of the 32 AND gates are operable to perform inversion in GF(16). The third, output portion has 26 XOR gates and 4 XNOR gates.

Dated: June 18, 2009.

**Patrick Gallagher,**

*Deputy Director.*

[FR Doc. E9-14734 Filed 6-22-09; 8:45 am]

BILLING CODE 3510-13-P

## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

#### Technology Innovation Program Advisory Board

**AGENCY:** National Institute of Standards and Technology; Department of Commerce.

**ACTION:** Notice of public meeting.

**SUMMARY:** Pursuant to the Federal Advisory Committee Act, 5 U.S.C. app., notice is hereby given that the Technology Innovation Program Advisory Board, National Institute of Standards and Technology (NIST) will meet Tuesday, July 7, 2009 from 8:30 a.m. to 3 p.m. The Technology Innovation Program (TIP) Advisory Board is composed of ten members appointed by the Director of NIST who are eminent in such fields as business, research, science and technology, engineering, education, and management consulting. The purpose of this meeting is to review and make recommendations regarding general policy for the Technology Innovation Program, its organization, its budget, and its programs within the framework of applicable national policies as set forth by the President and the Congress. The agenda will include a TIP Update. Agenda may change to accommodate Board business.

**DATES:** The meeting will convene Tuesday, July 7, at 8:30 a.m. and will adjourn at 3 p.m. on Tuesday, July 7, 2009.

**ADDRESSES:** The meeting will be held at the National Institute of Standards and Technology, Administration Building, Employees' Lounge, Gaithersburg, Maryland 20899. Please note admittance instructions under the **SUPPLEMENTARY INFORMATION** section of this notice.

**FOR FURTHER INFORMATION CONTACT:** JoEllen Hansroth, National Institute of Standards and Technology, Gaithersburg, Maryland 20899-4700, telephone number (301) 975-2162. JoEllen's e-mail address is [joellen.hansroth@nist.gov](mailto:joellen.hansroth@nist.gov).

**SUPPLEMENTARY INFORMATION:** The agenda will include a TIP Update. The agenda may change to accommodate Board business. The final agenda will be