

Standards and Technology, Office of Technology Partnerships, Attn: Mary Clague, Building 820, Room 213, Gaithersburg, MD 20899. Information is also available via telephone: 301-975-4188, e-mail: mclague@nist.gov, or fax: 301-869-2751. Any request for information should include the NIST Docket number and title for the relevant invention as indicated below.

SUPPLEMENTARY INFORMATION: NIST may enter into a Cooperative Research and Development Agreement ("CRADA") with the licensee to perform further research on the inventions for purposes of commercialization. The inventions available for licensing are:

[Docket No.: 96-012US]

Title: A Device for Spatially-Resolved, High-Sensitivity Measurement of Optical Absorption Based on Intra-Cavity Total Reflection.

Abstract: An optical cavity resonator device is provided for conducting sensitive measurement of optical absorption by matter in any state with diffraction-limited spatial resolution through utilization of total internal reflection within a high-Q (high quality, low loss) optical cavity. Intracavity total reflection generates an evanescent wave that decays exponentially in space at a point external to the cavity, thereby providing a localized region where absorbing materials can be sensitively probed through alteration of the Q-factor of the otherwise isolated cavity. When a laser pulse is injected into the cavity and passes through the evanescent state, an amplitude loss resulting from absorption is incurred that reduces the lifetime of the pulse in the cavity. By monitoring the decay of the injected pulse, the absorption coefficient of manner within the evanescent wave region is accurately obtained from the decay time measurement.

[Docket No.: 96-025CIP]

Title: Intra-Cavity Total Reflection For High Sensitivity Measurement Of Optical Properties.

Abstract: An optical cavity resonator device is provided for conducting sensitive measurement of optical absorption by matter in any state with diffraction-limited spatial resolution through utilization of total internal reflection within a high-Q (high quality, low loss) optical cavity. Intracavity total reflection generates an evanescent wave that decays exponentially in space at a point external to the cavity, thereby providing a localized region where absorbing materials can be sensitively probed through alteration of the Q-factor of the otherwise isolated cavity. When a laser pulse is injected into the cavity

and passes through the evanescent state, an amplitude loss resulting from absorption is incurred that reduces the lifetime of the pulse in the cavity. By monitoring the decay of the injected pulse, the absorption coefficient of manner within the evanescent wave region is accurately obtained from the decay time measurement.

[Docket No.: 96-025US]

Title: Broadband, Ultrahigh-Sensitivity Chemical Sensor Based on Intra-Cavity Total Reflection.

Abstract: A broadband, ultrahigh-sensitivity chemical sensor is provided that allows detection through utilization of a small, extremely low-loss, monolithic optical cavity. The cavity is fabricated from highly transparent optical material in the shape of a regular polygon with one or more convex facets to form a stable resonator for ray trajectories sustained by total internal reflection. Optical radiation enters and exits the monolithic cavity by photon tunneling in which two totally reflecting surfaces are brought into close proximity. In the presence of absorbing material, the loss per pass is increased since the evanescent waves that exist exterior to the cavity at points where the circulating pulse is totally reflected, are absorbed. The decay rate of an injected pulse is determined by coupling out an infinitesimal fraction of the pulse to produce an intensity-versus-time decay curve. Since the change in the decay rate resulting from absorption is inversely proportional to the magnitude of absorption, a quantitative sensor of concentration or absorption cross-section with 1 part-per-million/pass or better sensitivity is obtained. The broadband nature of total internal reflection permits a single device to be used over a broad wavelength range. The absorption spectrum of the surrounding medium can thereby be obtained as a measurement of inverse decay time as a function of wavelength.

Dated: October 21, 2002.

Karen H. Brown,

Deputy Director.

[FR Doc. 02-27421 Filed 10-28-02; 8:45 am]

BILLING CODE 3510-13-P

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

[I.D. 102102E]

Fisheries off West Coast States and in the Western Pacific; Reopening of the Comment Period

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

ACTION: Reopening of the comment period.

SUMMARY: NMFS reopens the public comment period on the Draft Programmatic Environmental Impact Statement (DPEIS) for Pacific Salmon Fisheries Management off the Coasts of Southeast Alaska, Washington, Oregon, and California, and in the Columbia River Basin.

DATES: Comments must be received on or before November 22, 2002.

ADDRESSES: Comments on this action should be sent to D. Robert Lohn, Regional Administrator, Northwest Region, NMFS, 7600 Sand Point Way, N.E., BIN c157000-Bldg 1, Seattle, WA 98115-0070.

FOR FURTHER INFORMATION CONTACT: Peter Dygert, Sustainable Fisheries Division, Northwest Region, NMFS, 206-526-6734.

SUPPLEMENTARY INFORMATION: The notice of availability of the DPEIS was published by the Environmental Protection Agency (EPA) in the **Federal Register** on August 23, 2002 (67 FR 54649). Comments were requested by October 22, 2002. On October 18, 2002, NMFS received a request from EPA Region 10 to reopen the comment period on the DPEIS. This document announces the reopening of the comment period.

Dated: October 23, 2002.

Dean Swanson,

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

[FR Doc. 02-27508 Filed 10-28-02; 8:45 am]

BILLING CODE 3510-22-S

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

[I.D. 102402B]

Gulf of Mexico Fishery Management Council; Public Meetings

AGENCY: National Marine Fisheries Service (NMFS), National Oceanic and

Atmospheric Administration (NOAA), Commerce.

ACTION: Notice of public meeting.

SUMMARY: The Gulf of Mexico Fishery Management Council (Council) will convene public meetings.

DATES: The meetings will be held on November 12–15, 2002.

ADDRESSES: These meetings will be held at the Westin Beach Resort, 97000 South Overseas Highway, Key Largo, FL 33037; telephone: 305–852–5553.

Council address: Gulf of Mexico Fishery Management Council, 3018 U.S. Highway 301 North, Suite 1000, Tampa, FL 33619.

FOR FURTHER INFORMATION CONTACT: Wayne E. Swingle, Executive Director, Gulf of Mexico Fishery Management Council; telephone: (813) 228–2815.

SUPPLEMENTARY INFORMATION:

Council

November 14

8:30 a.m.—Convene.

8:45 a.m.–9 a.m.—Appointment of Committee Members

9 a.m.–9:15 a.m.—Election of Vice Chairman

9:15 a.m.–11:30 a.m.—Receive public testimony on the Secretarial Reef Fish Amendment 2.

1 p.m.–4 p.m.—Receive the report of the Habitat Protection Committee.

4 p.m.–5 p.m.—Receive the report of the Shrimp Management Committee.

November 15

8:30 a.m.–11 a.m.—Receive the report of the Reef Fish Management Committee.

11 a.m.–11:30 a.m.—Receive the report of the Joint Reef Fish and Artificial Reef Committees.

11:30 a.m. – 11:40 a.m. –Receive the International Commission for the Conservation of Atlantic Tunas Meeting report.

11:40 a.m.–11:50 a.m.—Receive Enforcement Reports.

11:50 a.m.–12 noon—Receive the NMFS Regional Administrator's Report.

12 noon–12:15 p.m.—Receive Director's Reports.

12:15 p.m.–12:30 p.m.—Other Business.

Committees

November 12, 2002

8:30 a.m.–12:30 p.m.—Convene the Habitat Protection Committee to review and comment on the Draft Environmental Impact Statement (DEIS) for the Essential Fish Habitat (EFH) Generic Amendment. The committee will also consider the recommendations

of Technical and User Review Panels, Habitat Protection Advisory Panels (APs) and the Scientific and Statistical Committee (SSC). The Council will take final action on the DEIS in January 2003 and file the DEIS with the Environmental Protection Agency (EPA).

2 p.m.–5:30 p.m.—Convene the Reef Fish Management Committee to make its final recommendations to the Council on Secretarial Reef Fish Amendment 2 for amberjack. The amendment contains a rebuilding program for greater amberjack, which is largely based on actions previously taken by the Council in 2000 and 2001 for reducing the recreational bag limits to 1 fish and implementing a 3-month commercial closure. The committee will review new stock assessments on red and yellowedge grouper, but will defer taking action on this information to the January 2003 meeting. The committee will review comments from scoping meetings on Reef Fish Amendment 21 related to extending the duration of rules establishing the Madison/Swanson and Steamboat Lumps marine reserves. The Council will take final action on this amendment in May 2003. The committee will also review a draft red snapper individual fishing quota profile and recommend changes to the Council. The profile when completed will be submitted by NMFS to fishermen for comments in a referendum conducted by NMFS. The committee will discuss with enforcement officials possible causes of violations of the reef fish bottom longline prohibited area in the western Gulf and potential remedies.

November 13, 2002

8:30 a.m.–9:30 a.m.—Convene a joint meeting of the Reef Fish Management and Artificial Reef Committees to consider whether the Council should consider holding workshops to discuss establishing special management zones (SMZs) off Alabama where the number of hooks fished per line may be limited. If approved, these workshops will be scheduled in 2003.

9:30 a.m.–11:30 a.m.—Convene the Shrimp Management Committee to review scoping comments on an options paper that eventually will become Shrimp Amendment 13. The draft amendment will address adding rock shrimp to the fishery management plan, alternatives to improve bycatch estimates, alternatives for reducing bycatch, the need for Vessel Monitoring Systems, and alternatives that could reduce effort.

11:45 a.m.–6 p.m.—Council members will visit the U.S. Coast Guard air

station and bases in the Miami area for an orientation and training session.

Although non-emergency issues not contained in the agenda may come before the Council for discussion, in accordance with the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson Act), those issues may not be the subject of formal Council action during this meeting. Council action will be restricted to those issues specifically identified in this notice and any issues arising after publication of this notice that require emergency action under section 305 (c) of the Magnuson Act, provided the public has been notified of the Council's intent to take final action to address the emergency. A copy of the Committee schedule and agenda can be obtained by calling (813) 228–2815.

Special Accommodations

These meetings are physically accessible to people with disabilities. Requests for sign language interpretation or other auxiliary aids should be directed to Anne Alford at the Council (see **ADDRESSES**) by November 4, 2002.

Dated: October 24, 2002.

Richard W. Surdi,

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

[FR Doc. 02–27510 Filed 10–28–02; 8:45 am]

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DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

[I.D. 093002C]

Endangered Species; File No. 1245

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

ACTION: Issuance of permit amendment.

SUMMARY: Notice is hereby given that J. David Whitaker has been issued a modification to scientific research Permit No. 1245.

ADDRESSES: The amendment and related documents are available for review upon written request or by appointment in the following office(s):

Permits, Conservation and Education Division, Office of Protected Resources, NMFS, 1315 East-West Highway, Room 13705, Silver Spring, MD 20910; phone (301)713–2289; fax (301)713–0376;

Southeast Region, NMFS, 9721 Executive Center Drive North, St. Petersburg, FL 33702–2432; phone (727)570–5301; fax (727)570–5320.