

**DEPARTMENT OF COMMERCE****National Institute of Standards and Technology**

[Docket No.: 050527147-5147-01]

**Notice of Intent To Enhance Library of Mass Spectra**

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

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

**SUMMARY:** The National Institute of Standards and Technology announces its intent to enhance its library of mass spectra. This will both expand the coverage of chemical substances in this data collection and add related reference data, including retention indices and mass spectra generated by tandem mass spectrometers. Interested parties are invited to submit comments to the address below.

**DATES:** Comments must be received by July 21, 2005.

**ADDRESSES:** Comments should be sent to the attention of Dr. Stephen E. Stein at the National Institute of Standards and Technology, 100 Bureau Drive, Stop 8380, Gaithersburg, MD 20899-8380.

**FOR FURTHER INFORMATION CONTACT:** Dr. Stephen E. Stein by writing to the above address or by e-mail at [stephen.stein@nist.gov](mailto:stephen.stein@nist.gov) or by telephone at (301) 975-2444.

**SUPPLEMENTARY INFORMATION:** As part of its responsibilities under Title 15 U.S.C. 290 to collect, evaluate and publish high quality Standard Reference Data (SRD), NIST creates and maintains evaluated SRD databases. One such database is the Mass Spectral Library, which is an evaluated data collection containing electron ionization mass spectra for discrete chemical substances, as well as retention indices and a limited number of spectra generated by electrospray and related techniques. The database has been primarily used to aid in the identification of chemical compounds by providing a source for reference spectra for comparison to spectra acquired by commercial instruments, especially spectra generated by gas chromatography/mass spectrometry (GC/MS). For each spectrum, auxiliary information for chemical identification is provided, including chemical names, formulas, chemical structures and related information. It is proposed to expand this collection by adding both classical electron ionization spectra as well as related reference data, including gas chromatographic retention indices and mass spectra acquired by other instrument types, especially tandem

mass spectrometers. The addition of new and replicate spectra of relevant compounds and derivatives will increase the likelihood of identifying unknown compounds, or ruling them out, in a chemical analysis. The addition of gas chromatographic retention indices will enable the more reliable identification of compounds by matching retention data as well as spectral data acquired in a GC/MS analysis. The addition of mass spectra generated by tandem mass spectrometers, including ion trap and collision cell instruments, with ions generated by electrospray ionization and MALDI (matrix-assisted laser induced dissociation), will broaden the scope of application of this library to other analytical methods and substances including metabolomics and proteomics. The net result of these enhancements will be to increase the reliability and utility of this library as an aid in the process of chemical identification. We invite comments concerning this update.

Dated: June 15, 2005.

**Hratch G. Semerjian,**

*Acting Director.*

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**DEPARTMENT OF COMMERCE****National Oceanic and Atmospheric Administration**

[I.D. 061505E]

**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 will convene a joint meeting of the Standing, Special Mackerel, Special Reef Fish and Special Spiny Lobster Scientific and Statistical Committees (SSCs).

**DATES:** The meeting will begin at 1 p.m. on Tuesday, July 5, 2005, and conclude no later than 12 noon on Friday, July 8, 2005.

**ADDRESSES:** The meeting will be held at the Wyndham New Orleans at Canal Place, 100 Rue Iberville, New Orleans, LA 70130.

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

**FOR FURTHER INFORMATION CONTACT:** Mr. Steven Atran, Population Dynamics Statistician, Gulf of Mexico Fishery Management Council; telephone: (813) 228-2815.

**SUPPLEMENTARY INFORMATION:** The Gulf of Mexico Fishery Management Council (Council) will convene a joint meeting of the Standing, Special Reef Fish, Special Mackerel and Special Spiny Lobster Scientific and Statistical Committees (SSCs) to review stock assessments on red snapper, king mackerel and spiny lobster, plus amendments to the Reef Fish and Coastal Migratory Pelagics fishery management plans.

On Tuesday and Wednesday, July 5-6, 2005, the Standing and Special Reef Fish SSCs will review a stock assessment of red snapper prepared under the Southeast Data, Assessment and Review (SEDAR) process during workshops held between April 2004 and April 2005. The SSCs will review the workshop reports and provide the Council with a determination of whether the assessment reflects the best available scientific information. The SSCs will also review Draft Amendment 18A to the Reef Fish Fishery Management Plan (FMP). This amendment deals with enforcement and monitoring issues, including simultaneous commercial and recreational harvest on a vessel (to improve enforceability of prohibition on sale of recreationally caught reef fish), maximum crew size on a Coast Guard inspected vessel when fishing commercially (to resolve a conflict between NMFS maximum crew size and USCG minimum crew size regulations), use of reef fish for bait, and vessel monitoring system (VMS) requirements on commercial reef fish vessels. Amendment 18A also addresses administrative changes to the framework procedure for setting total allowable catch (TAC) of reef fish, and measures to reduce bycatch and bycatch mortality of endangered sea turtles and smalltooth sawfish taken inadvertently in the commercial and charter/headboat reef fish fishery.

The Standing, Special Reef Fish, and Special Mackerel SSCs will jointly review an amendment named Draft Amendment to the FMPs for Reef Fish (Amendment 25) and Coastal Migratory Pelagics (Amendment 17) for extending the Charter Vessel/Headboat Permit Moratorium. Amendments establishing the charter vessel/headboat permit moratorium for the CMP fishery and the Reef Fish fishery were approved by NOAA Fisheries on May 6, 2003, and implemented on June 16, 2003 (68 FR