

Abstract: This invention enables the measurement of temperature and the calibration of temperature measurements in rapid thermal processing tools for silicon wafer processing to a greater accuracy than previously possible. The invention is a device which is a calibration wafer of novel construction and capabilities. The calibration wafer is comprised of an array of junctions of thin film thermocouples which traverse the silicon wafer (typically 200 mm in diameter) and are welded to thermocouple wires of the same composition as the thin films. The advantages of very low mass thin-film thermocouples in making these measurements are greatest under the extremely high heat flux conditions present in rapid thermal processing tools (100 w/cm²). In order to achieve these measurements with thin-film thermocouples at temperatures ranging up to 900 degrees celcius a novel approach was taken in the design and fabrication of the wafer including the incorporation of an adhesion film for the thermoelements, diffusion barriers, and high temperature dielectric insulators.

Dated: February 26, 1998.

Robert E. Hebner,

Acting Deputy Director.

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DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

[I.D. 022498B]

Fisheries of the Exclusive Economic Zone Off Alaska; Public Workshop; Localized Depletions of Atka Mackerel in the Bering Sea and Aleutian Islands

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

ACTION: Notice of workshop.

SUMMARY: NMFS announces a workshop to review evidence for fishery-induced localized depletions of Atka mackerel in the Bering Sea/Aleutian Island region and to consider fishery management alternatives to prevent such depletions and their potential impact on foraging by the endangered western population of Steller sea lions.

DATES: The workshop is scheduled as follows:

March 10, 1998, 9:00 a.m. to 5:00 p.m., Seattle, WA.

ADDRESSES: The workshop will be held at the Alaska Fisheries Science Center, (Room 2143, Building 4), 7600 Sand Point Way, NE., Seattle, WA 98115.

FOR FURTHER INFORMATION CONTACT: Tim Ragen, 907-586-7248.

SUPPLEMENTARY INFORMATION: Fishing for Atka mackerel in the Bering Sea/Aleutian Islands region may result in the localized depletion of this species. Atka mackerel is a prey species of the endangered western population of Steller sea lions, and such depletions may impede sea lion recovery if they affect the foraging success of young sea lions, in particular.

Dated: February 25, 1998.

Bruce C. Morehead,

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

[FR Doc. 98-5509 Filed 2-27-98; 12:14 am]

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DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

Modernization Transition Committee (MTC); Notice of Public Meeting

Action: Notice of Public Meeting.

Time and Date: March 18, 1998 beginning at 8:00 a.m.

Place: This meeting will take place at the Silver Spring Holiday Inn, 8777 Georgia Avenue, Silver Spring, Maryland.

Status: The meeting will be open to the public. The time between 10:30 a.m. and noon will be set aside for oral comments or questions from the public and approximately 50 seats will be available on a first-come first-served basis.

Matters To Be Considered: This meeting will cover: Consultation on Astoria, Oregon and Lexington, Kentucky Automation and Closure Certifications; NWS updates on Evansville, Indiana and Victoria, Texas; report by the FAA on ASOS reassessment; and a report on the NWS Modernization status.

Contact Person for More Information: Mr. Nicholas Scheller, National Weather Service, Modernization Staff, 1325 East-West Highway, SSMC2, Silver Spring, Maryland 20910. Telephone: (301) 713-0454.

Dated: February 26, 1998.

Nicholas R. Scheller,

Manager, National Implementation Staff.

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DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

[I.D. 022598A]

Western Pacific Fishery Management Council; Public Meetings

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

ACTION: Notice of public meetings.

SUMMARY: The Western Pacific Fishery Council will hold meetings of its Scientific and Statistical Committee, in Honolulu, HI. **DATES:** The Scientific and Statistical Committee (SSC) meeting will be held on March 24-26, 1998, from 8:30 a.m. to 5:00 p.m. each day.

ADDRESSES: The meetings will be held at the Council office conference room, 1164 Bishop Street, Suite 1400, Honolulu, Hawaii; telephone: (808) 522-8220.

Council address: Western Pacific Fishery Management Council, 1164 Bishop St., Suite 1400, Honolulu, HI 96813.

FOR FURTHER INFORMATION CONTACT: Kitty M. Simonds, Executive Director; telephone: (808) 522-8220.

SUPPLEMENTARY INFORMATION: The SSC will discuss and may make recommendations to the Council on: a draft amendment for an area closure for large pelagic vessels in the American Samoa exclusive economic zone; a draft comprehensive amendment (covering all fishery management plans (FMP) to implement new Sustainable Fishery Act requirements (bycatch, fishing sectors, fishing communities, overfishing, Essential Fish Habitat (EFH), including research needs and priorities necessary to carry out the Council's EFH management mandate, and updates of National Environmental Policy Act requirements); National Vessel and Fisheries Information Systems; Federal management options to restore overfished Main Hawaiian Islands (MHI) onaga and ehu; draft island-area modules for the 1997 bottomfish annual report, including improvements to the report and reconsideration of geographic reporting of overfishing indicator; the draft 1997 Northwestern Hawaiian Islands (NWHI) lobster annual report; the addition of new areas (Commonwealth of the Northern Mariana Islands (CNMI) and U.S. Possessions) to Permit Area 3 through a possible framework amendment; review of Marine Conservation Plans (by island area) and the Sustainable Fisheries Fund.