

SUMMARY: The inventions listed below are owned by the U.S. Government, as represented by the Department of Commerce, and are available for licensing 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 these inventions may be obtained by writing to: Marcia Salkeld, National Institute of Standards and Technology, Office of Technology Partnerships, Building 820, Room 213, Gaithersburg, MD 20899; Fax 301-869-2751. Any request for information should include the NIST Docket No. and Title for the relevant invention as indicated below.

SUPPLEMENTARY INFORMATION: The inventions available for licensing are:

NIST Docket No. 93-061

Title: Method and Apparatus for Monitoring Resin Crystallization and Shrinkage During Polymer Molding.

Description: This device is an optical fiber sensor which can be inserted into the mold cavity of an injection molding machine. The sensor can "view" a polymer resin during the mold filling and resin cooling phases of the process cycle. By detecting light reflections from the polymer and back surface of the mold, it is possible to monitor crystallization and shrinkage of the resin.

NIST Docket No. 94-004

Title: Electromagnetic Acoustic Transducer and Methods of Determining Physical Properties of Cylindrical Bodies Using an Electromagnetic Acoustic Transducer.

Description: An encircling electromagnetic-acoustic transducer provides a means of exciting and detecting specified types of ultrasonic resonant vibrations in cylindrical metallic objects. This device is useful for a variety of sensing applications where material properties or external parameters must be determined.

NIST Docket No. 94-024

Title: Construction of Large Structures By Robotic Crane Placement of Modular Bridge Sections.

Description: This system for efficient, safe, cost-effective construction of highway bridges, traffic overpasses and bypasses, and causeways over water or wetlands provides continuous site assembly of repetitive modular elements. The payload (one or more modular bridge sections), attached to the crane's cables, becomes a component of a stable lifting and

positioning system. Installed modular elements become a staging platform for constructing subsequent modular elements.

NIST Docket No. 94-037CIP

Title: Arsenic Atom Source.

Description: This invention provides a source of arsenic atoms, representative of Group V and VI elements, usable in molecular beam epitaxy (MBE) as a growth source in the manufacture of semiconductors.

NIST Docket No. 95-009CIP

Title: Reference Substrates having Conducting Features Replicated in Single Crystal Films Formed on Insulating Material for Overlay- and Linewidth-Instrument Calibration and Method for Electrical Certification of Critical Dimensions.

Description: This NIST invention provides an improved test structure for measuring width, spacing, or similar geometrical characteristics of conductive lines formed on substrates in semiconductor fabrication. The method enables the calibration of instruments used for such measurements.

Dated: February 22, 1996.

Samuel Kramer,

Associate Director.

[FR Doc. 96-4540 Filed 2-27-96; 8:45 am]

BILLING CODE 3510-13-M

National Oceanic and Atmospheric Administration

Proposal to Collect Socio-economic Information on West Coast Whiting Processor/Harvester Workers

ACTION: Proposed collection; comment request.

SUMMARY: The Department of Commerce, as part of its continuing effort to reduce paperwork and respondent burden, invites the general public and other Federal agencies to take this opportunity to comment on proposed and/or continuing information collections, as required by the Paperwork Reduction Act of 1995, Public Law 104-13 (44 U.S.C. 3506(c)(2)(A)).

DATES: Written comments must be submitted on or before April 29, 1996.

ADDRESSES: Direct all written comments to Linda Engelmeier, Acting Departmental Forms Clearance Officer, Department of Commerce, Room 5327, 14th and Constitution Avenue, NW, Washington DC 20230.

FOR FURTHER INFORMATION CONTACT: Requests for additional information or copies of the information collection

instrument(s) and instructions should be directed to: James Seger, Pacific Fisheries Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, Oregon, 97210 (Telephone: 503-326-6352); or Stephen P. Freese, F/NWO1 Trade and Industry Services Division, NMFS, BinC15700, 7600 Sand Point Way NE, Seattle, WA 98115, (206) 526-6113).

SUPPLEMENTARY INFORMATION:

I. Abstract

Data on the socio-economic characteristics of workers in the West Coast Pacific whiting harvesting and processing industry will be collected via a survey. The data will be used to supplement and validate other types of data which will be collected in focus groups convened as part of a social impact analysis of the likely effects of the next onshore-offshore allocation decision to be made by the Pacific Fishery Management Council and Secretary of Commerce. The data collection effort will involve two efforts: (1) Identification of the population to be sampled: Selected whiting processors and harvesters will be asked to provide information on the number of workers they employ by job category. (2) Collection of information from members of the population: The questions to be asked of workers in the whiting industry will cover the following topics: household income, number of dependents, dependence on whiting income and alternative sources of income, seasonality and length of employment in fisheries, age, marital status, level of education, location of permanent residence, length of time and participation in the community of permanent residence, and minority status.

II. Method of Collection

The survey will be administered either through a visit to processing/harvesting operations or through a mail survey. A representative sample will be selected from the firms in the industry. However, because the industry is small but diverse it is estimated that about half of all firms will be contacted.

III. Data

OMB Number: None

Form Number: None

Type of Review: Regular Submission
Affected Public: Whiting processor and harvesting firms and workers

Estimated Number of Respondents: 35
Processing and Harvesting Firms and 1100 Workers

Estimated Time Per Response:

Processing Firms—primary and secondary (30 minutes); Harvesting

Firms (5 minutes); Workers (10 minutes)
 Estimated Total Annual Burden Hours:
 Processing Firms (15) = 7.5 hours;
 Non-processor Harvesting Firms (20)
 = 1.5 hours; Workers 1100 workers*10
 min = 183.3 hours; Total Burden
 Hours = 192

Estimated Total Annual Cost: \$0.0
 Respondents will not need to buy
 equipment or materials to respond to
 this survey

IV. Request for Comments

Comments are invited on: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; (b) the accuracy of the agency's estimate of the burden (including hours and cost) of the proposed collection of information; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the collection of information on respondents, including through the use of automated collection techniques or other forms of information technology.

Comments submitted in response to this notice will be summarized and/or included in the request for OMB approval of this information collection; they also will become a matter of public record.

Dated: February 21, 1996.
 Linda Engelmeier,
*Acting Departmental Forms Clearance
 Officer, Office of Management and
 Organization.*
 [FR Doc. 96-4555 Filed 2-27-96; 8:45 am]
 BILLING CODE 3510-22-P

Proposal to Collect Economic and Social Information From West Coast Limited Entry Fixed Gear Permit and Vessel Owners

ACTION: Proposed collection; comment request.

SUMMARY: The Department of Commerce, as part of its continuing effort to reduce paperwork and respondent burden, invites the general public and other Federal agencies to take this opportunity to comment on proposed and/or continuing information collections, as required by the Paperwork Reduction Act of 1995, Public Law 104-13 (44 U.S.C. 3506(c)(2)(A)).

DATES: Written comments must be submitted on or before April 29, 1996.

ADDRESSES: Direct all written comments to Linda Engelmeier, Acting

Departmental Forms Clearance Officer, Department of Commerce, Room 5327, 14th and Constitution Avenue, NW, Washington DC 20230.

FOR FURTHER INFORMATION CONTACT: Requests for additional information or copies of the information collection instrument(s) and instructions should be directed to James L. Seger, Pacific Fishery Management Council, 2130 SW 5th, Suite 224, Portland, Oregon 97201 (telephone: 503-326-6352) or Stephen P. Freese, National Marine Fisheries Service, Trade and Industry Services Division, Northwest Region, 7600 Sand Point Way NE, Seattle, WA, 98115, (206) 526-6113.

I. Abstract

Data will be collected from vessel and permit owners on economic and social characteristics of firms harvesting in the West Coast limited entry fixed gear sablefish fishery. The fishery is currently managed as a derby fishery which has become intolerably short. The data to be collected is intended to assist the Council and Secretary of Commerce in evaluating the effects of alternatives to derby fishery management. These alternatives have substantial allocative implications. There is broad industry support for certain provisions in the alternatives, e.g. a requirement that the owner of the permit or vessel be on board the vessel during fishing operations. However, the information necessary to determine the degree to which such provisions would change or maintain the current practices is not available. The questions to be asked of vessel and permit owners in the fixed gear sablefish sector will cover the following topics: legal organization of ownership (e.g. individual, partnership, corporation, etc.), participation of the vessel owner in fishing operations, status of family members as participants in the fishing operation, number of employees, number of years of participation in the fishery, vessel's home port, number of dependents, dependence on fishing income, level of household income. Questions on other social characteristics (age, sex, marital status, education level) may also be asked.

II. Method of Collection

The survey will be administered through the mail. Following the initial mailing a reminder post card will be sent. Nonrespondents will be sent a second mailing of the questionnaire.

III. Data

OMB Number: None
Form Number: None
Type of Review: Regular Submission

Affected Public: Owners of West Coast Longline and Fishpot Groundfish Limited Entry Permits and Vessels
Estimated Number of Respondents: 240
Estimated Time Per Response: 5 minutes

Estimated Total Annual Burden Hours: 20 hours

Estimated Total Annual Cost: \$0.0
 Respondents will not need to purchase equipment or materials to respond to this survey

IV. Request for Comments

Comments are invited on: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; (b) the accuracy of the agency's estimate of the burden (including hours and cost) of the proposed collection of information; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the collection of information on respondents, including through the use of automated collection techniques or other forms of information technology.

Comments submitted in response to this notice will be summarized and/or included in the request for OMB approval of this information collection; they also will become a matter of public record.

Dated: February 21, 1996.
 Linda Engelmeier,
*Acting Departmental Forms Clearance
 Officer, Office of Management and
 Organization.*
 [FR Doc. 96-4556 Filed 2-27-96; 8:45 am]
 BILLING CODE 3510-22-P

Proposal to Collect Cost and Earnings Information on Participants in the Pacific Whiting Industry

ACTION: Proposed collection; comment request.

SUMMARY: The Department of Commerce, as part of its continuing effort to reduce paperwork and respondent burden, invites the general public and other Federal agencies to take this opportunity to comment on proposed and/or continuing information collections, as required by the Paperwork Reduction Act of 1995, Public Law 104-13 (44 U.S.C. 3506(c)(2)(A)).

DATES: Written comments must be submitted on or before April 29, 1996.

ADDRESSES: Direct all written comments to Linda Engelmeier, Acting Departmental Forms Clearance Officer,