

SUBCHAPTER D—GENERAL REGULATIONS OF THE ENVIRONMENTAL DATA SERVICE

PART 950—ENVIRONMENTAL DATA AND INFORMATION

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AUTHORITY: (5 U.S.C. 552, 553). Reorganization Plan No. 4 of 1970.

SOURCE: 44 FR 54468, Sept. 20, 1979, unless otherwise noted.

§950.1 Scope and purpose.

This part describes the Environmental Data and Information Service (EDIS), a major program element of the National Oceanic and Atmospheric Administration, and EDIS management of environmental data and information.

§950.2 Environmental Data and Information Service (EDIS).

The Environmental Data and Information Service is the first Federal organization created specifically to manage environmental data and information. EDIS acquires, processes, archives, analyzes, and disseminates worldwide environmental (atmospheric, marine, solar, and solid Earth) data and information for use by commerce, industry, the scientific and engineering communities, and the general public, as well as by Federal, State, and local governments. It also provides experiment design and data management support to large-scale environmental experiments; assesses the impact of environmental fluctuations

on food production, energy production and consumption, environmental quality, and other economic systems; and manages or provides functional guidance for NOAA's scientific and technical publication and library activities. In addition, EDIS operates related World Data Center-A subcenters and participates in other international data and information exchange programs. To carry out this mission, EDIS operates a network of specialized service centers and a computerized environmental data and information retrieval service.

§950.3 National Climatic Center (NCC).

The National Climatic Center acquires, processes, archives, analyzes, and disseminates climatological data; develops analytical and descriptive products to meet user requirements; and provides facilities for the World Data Center-A (Meteorology). It is the collection center and custodian of all United States weather records, the largest of the EDIS centers, and the largest climatic center in the world.

(a) Climatic data available from NCC include:

(1) Hourly Surface Observations from Land Stations (ceiling, sky cover, visibility, precipitation or other weather phenomena, obstructions to vision, pressure, temperature, dew point, wind direction, wind speed, gustiness).

(2) Three-Hourly and Six-Hourly Surface Observations from Land Stations, Ocean Weather Stations, and Moving Ships (variable data content).

(3) Upper Air Observations (radiosondes, rawinsondes, rocketsondes, low-level soundings, pilot-balloon winds, aircraft reports).

(4) Radar Observations (radar log sheets, radar scope photography).

(5) Selected Maps and Charts (National Meteorological Center products).

(6) Derived and Summary Data (grid points, computer tabulations, digital summary data).

(7) Special Collections (Barbados Oceanographic and Meteorological Experiment meteorological data, Global

Atmospheric Research Program basic data set, solar radiation data, many others).

(b) Queries should be addressed to: National Climatic Center, National Oceanic and Atmospheric Administration, Asheville, NC 28801, tel. 704-258-2850, Ext. 683.

§ 950.4 National Oceanographic Data Center (NODC).

The National Oceanographic Data Center acquires, processes, archives, analyzes, and disseminates oceanographic data; develops analytical and descriptive products to meet user requirements; and provides facilities for the World Data Center-A (Oceanography). It was the first NODC established and houses the world's largest usable collection of marine data.

(a) Oceanographic data available from NODC include:

(1) Mechanical and expendable bathythermograph data in analog and digital form.

(2) Oceanographic station data for surface and serial depths, giving values of temperature, salinity, oxygen, inorganic phosphate, total phosphorus, nitrite-nitrogen, nitrate-nitrogen, silicate-silicon, and pH.

(3) Continuously recorded salinity-temperature-depth data in digital form.

(4) Surface current information obtained by using drift bottle or calculated from ship set and drift.

(5) Biological data, giving values of plankton standing crop, chlorophyll concentrations, and rates of primary productivity.

(6) Other marine environmental data obtained by diverse techniques, e.g., instrumented buoy data, and current meter data.

(b) Queries should be addressed to: National Oceanographic Data Center, National Oceanic and Atmospheric Administration, Washington, DC 20235, tel. 202-634-7500.

§ 950.5 National Geophysical and Solar-Terrestrial Data Center (NGSDC).

The National Geophysical and Solar-Terrestrial Data Center acquires, processes, archives, analyzes, and disseminates solid Earth and marine geo-

physical data as well as ionospheric, solar, and other space environment data; develops analytical, climatological, and descriptive products to meet user requirements; and provides facilities for World Data Center-A (Solid-Earth Geophysics, Solar Terrestrial Physics, and Glaciology).

(a) Geophysical and solar-terrestrial data available from NGSDC include:

(1) *Marine geology and geophysics.* Bathymetric measurement; seismic reflection profiles; gravimetric measurements; geomagnetic total field measurements; and geological data, including data on heat flow, cores, samples, and sediments.

(2) *Solar-Terrestrial physics.* Ionosphere data, including ionograms, frequency plots, riometer and field-strength strip charts, and tabulations; solar activity data; geomagnetic variation data, including magnetograms; auroral data; cosmic ray data; and airglow data.

(3) *Seismology.* Seismograms; accelerograms; digitized strong-motion accelerograms; earthquake data list (events since January 1900); earthquake data service with updates on a monthly basis.

(4) *Geomagnetic main field.* Magnetic survey data and secular-change data tables.

(b) Queries should be addressed to: National Geophysical and Solar-Terrestrial Data Center, National Oceanic and Atmospheric Administration, Boulder, CO 80303, tel. 303-499-1000, ext. 6215.

§ 950.6 Environmental Science Information Center (ESIC).

ESIC is NOAA's information specialist, librarian, and publisher. ESIC coordinates NOAA's library and information services and its participation in the national network of scientific information centers and libraries. Computerized literature searches provide information from over 80 data bases. The complete list of data bases is available on request. All ESIC information facilities provide the normal library tailored information and reference services. As NOAA's publisher of scientific and technical information, ESIC reviews, edits, and processes NOAA manuscripts for publication.

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(a) Services available from ESIC include:

(1) *Reference services.* Some services are provided on a cost-recovery basis to non-NOAA individuals.

(2) *Publication copy services.* Copies of NOAA publications are provided on request from qualified users, including governments, universities, non-profit organizations, professional societies, chambers of commerce, public information media, and individuals and organizations having cooperative or exchange agreements with NOAA.

(3) *Bibliographies.* Special bibliographies are prepared on request. When provided to non-NOAA individuals, service is on a full cost-recovery basis.

(4) *Current awareness services.* Periodically provides announcements of titles of newly published NOAA scientific and technical publications.

(5) *Lending services.* Materials are loaned to other libraries and to NOAA employees.

(6) On-site use of library collections.

(7) *Publishing services.* Includes providing refereeing, reviewing, editing, and publishing services for NOAA authors of manuscripts destined for both NOAA and non-NOAA publication series.

(b) Queries should be addressed to: Environmental Science Information Center, National Oceanic and Atmospheric Administration, Rockville, MD 20852, tel. 301-443-8137.

§950.7 Center for Environmental Assessment Services (CEAS).

EDIS assists National decision-makers in solving problems by providing data analyses, applications, assessments, and interpretations to meet their particular requirements. Many of these services are provided by the EDIS Center for Environmental Assessment Services (CEAS).

(a) The following are examples of CEAS projects and services:

(1) CEAS prepares data-based studies and weekly assessments of potential effects of climatic fluctuations on National and global grain production.

(2) CEAS provides environmental analyses and assessments to support efficient and effective planning, site selection, design, construction, and operation of supertanker ports and offshore

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drilling rigs. Such planning depends heavily upon environmental assessments.

(3) During the heating season, CEAS issues monthly and seasonal projections of natural gas demand for multi-State regions of the conterminous United States. Similar projections are made for electricity during the cooling season.

(4) CEAS has developed and makes available when needed a statistical oil spill trajectory risk model based on historical meteorological and oceanographic data.

(5) The center has analyzed the potential ecological effects of the planned disposal of huge volumes of saturated brine into Gulf waters for the National Strategic Petroleum Reserve and may be called on to provide similar services in other subject areas.

(6) CEAS provides experiment design, data analysis, and data management support to project managers and produces merged, validated multidisciplinary data sets for international and national study (such undertakings as the recent key role in the Global Atmospheric Research Program (GARP) experiments).

(7) CEAS provides special data or information as required. Currently the Center is assembling an inventory of cruises and a global oceanographic data base from observations taken during the First GARP Global Experiment (FGGE).

(b) Additional information on these or related services can be obtained by writing: Director, Center for Environmental Assessment Services, National Oceanic and Atmospheric Administration, Washington, DC 20235; or by calling (202) 634-7251.

§950.8 Satellite Data Services Division (SDSD).

The Satellite Data Services Division of the EDIS National Climatic Center provides environmental and earth resources satellite data to other users once the original collection purposes (*i.e.*, weather forecasting) have been satisfied. The division also provides photographs collected during NASA's SKYLAB missions.

(a) Satellite data available from SDSD include:

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(1) Data from the TIROS (Television InfraRed Observational Satellite) series of experimental spacecraft; much of the imagery gathered by spacecraft of the NASA experimental NIMBUS series; full-earth disc photographs from NASA's Applications Technology Satellites (ATS) I and III geostationary research spacecraft; tens of thousands of images from the original ESSA and current NOAA series of Improved TIROS Operational Satellites; and both full-disc and sectorized images from the Synchronous Meteorological Satellites (SMS) 1 and 2, the current operational geostationary spacecraft. In addition to visible light imagery, infrared data are available from the NIMBUS, NOAA, and SMS satellites. Each day, SDSR receives about 239 negatives from the polar-orbiting NOAA spacecraft, more than 235 SMS-1 and 2 negatives, and several special negatives and movie film loops.

(2) Photographs (both color and black-and-white) taken during the

three SKYLAB missions (May through June, 1973, July through September, 1973, and November 1973 through February 1974).

(b) Queries should be addressed to: Satellite Data Services Division, World Weather Building, Room 606, Washington, DC 20233, tel. 301-763-8111.

§ 950.9 Computerized Environmental Data and Information Retrieval Service.

The Environmental Data Index (ENDEX) provides rapid, automated referral to multidiscipline environmental data files of NOAA, other Federal agencies, state and local governments, and universities, research institutes, and private industry. A computerized, information retrieval service provides a parallel subject-author-abstract referral service. A telephone call to any EDIS data or information center or NOAA library will allow a user access to these services.

APPENDIX A TO PART 950—SCHEDULE OF USER FEES FOR ACCESS TO NOAA ENVIRONMENTAL DATA

Name of product/data/publication/information/service	Current fee	New fee
NOAA National Center for Environmental Information:		
Department of Commerce Certification	\$86.00	\$16.00
General Certification	72.00	92.00
Paper Copy	2.00	3.00
Data Poster	18.00	18.00
Shipping Service	4.00	8.00
Rush Order Fee	60.00	60.00
Super Rush Order Fee	100.00	100.00
Foreign Handling Fee	67.00	43.00
NEXRAD Doppler Radar Color Prints	14.00	21.00
Paper Copy from Electronic Media	6.00	8.00
Offline In-Situ Digital Data	124.00	175.00
Microfilm Copy (roll to paper) per frame from existing film	14.00	20.00
Satellite Image Product	73.00	92.00
Offline Satellite, Radar, and Model Digital Data (average unit size is 1 terabyte)	615.00	753.00
Conventional CD-ROM/DVD	60.00	110.00
Specialized CD-ROM/DVD	131.00	208.00
CD-ROM/DVD Copy, Offline	30.00	43.00
CD-ROM/DVD Copy, Online Store	15.00	16.00
Facsimile Service	78.00	89.00
Order Handling	8.00	11.00
Non-Digital Order Consultation	6.00	10.00
Digital Order Consultation	18.00	28.00
Non-Serial Publications	27.00	32.00
Non-Standard Data; Select/Copy to CD, DVD or Electronic Transfer, Specialized, Offline	59.00	77.00
Digital and Non-Digital Off-the-Shelf Products, Online	9.00	13.00
Digital and Non-Digital Off-the-Shelf Products, Offline	11.00	17.00
Order Consultation Fee	2.00	4.00
Handling and Packing Fee	8.00	12.00
World Ocean Database-World Ocean Atlas 2009 DVDs	15.00	*
Mini Poster	1.00	2.00
Icosahedron Globe	1.00	1.00
Convert Data to Standard Image	6.00	8.00
Single Orbit OLS & Subset	18.00	19.00

Name of product/data/publication/information/service	Current fee	New fee
Single Orbit OLS & Subset, Additional Orbits	5.00	6.00
Geolocated Data	47.00	50.00
Subset of Pre-existing Geolocated Data	28.00	32.00
Global Nighttime Lights Annual Composite from One Satellite	74,032.00	74,924.00
Most Recent DMSP-OLS Thermal Band/Cloud Cover Mosaics from Multiple Satellites	259.00	*
Daily or Nightly Global Mosaics (visible & thermal band, single spectral band or environmental data)	241.00	332.00
Global Nighttime Lights Lunar Cycle	6,531.00	8,259.00
Radiance Calibrated Global DMSP-OLS Nighttime Lights Annual Composite from One Satellite	82,075.00	*
Research Data Series CD-ROM/DVD	25.00	25.00
Custom Analog Plotter Prints	60.00	*
NOS Bathymetric Maps and Miscellaneous Archived Publication Inventory	7.00	8.00
Global Annual Composite of Nighttime Lights in Monthly Increments From One Satellite	8,305.00	10,794.00
High Definition Geomagnetic Model	20,060.00	20,262.00
Provision of Global Nighttime VIIRS day/night band data in geotiff format		55,727.00
Provision of Global Nighttime VIIRS day/night band data in HDF5 Format		27,888.00
Provision of regional data from the VIIRS instrument on a daily basis		14,306.00

* Reflects a product no longer offered.

[80 FR 63915, Oct. 22, 2015]

PART 960—LICENSING OF PRIVATE REMOTE SENSING SYSTEMS

SOURCE: 71 FR 24481, Apr. 25, 2006, unless otherwise noted.

Subpart A—General

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- APPENDIX 1 TO PART 960—FILING INSTRUCTIONS AND INFORMATION TO BE INCLUDED IN THE LICENSING APPLICATION
- APPENDIX 2 TO PART 960—FACT SHEET REGARDING THE MEMORANDUM OF UNDERSTANDING CONCERNING THE LICENSING OF PRIVATE REMOTE SENSING SATELLITE SYSTEMS DATED FEBRUARY 2, 2000

AUTHORITY: 15 U.S.C. 5624.

Subpart A—General

§ 960.1 Purpose.

(a) The regulations in this part set forth the procedural and informational requirements for obtaining a license to operate a private remote sensing space system under Title II of the Land Remote Sensing Policy Act of 1992 (15 U.S.C. 5601 *et seq.*) (Public Law 102-555, 106 Stat. 4163) and applicable U.S. Policy, which addresses the U.S. commercial remote sensing satellite industry. (Available from NOAA, National Environmental Satellite Data and Information Service, 1335 East-West Highway, Room 7311, Silver Spring, MD 20910). In addition, this part describes NOAA's regulation of such systems, pursuant to the Act and applicable U.S. Policy. The regulations in this part are intended to:

- (1) Preserve the national security of the United States;
- (2) Observe the foreign policies and international obligations of the United States;
- (3) Advance and protect U.S. national security and foreign policy interests by maintaining U.S. leadership in remote sensing space activities, and by sustaining and enhancing the U.S. remote sensing industry;

(4) Promote the broad use of remote sensing data, their information products and applications;

(5) Ensure that unenhanced data collected by licensed private remote sensing space systems concerning the territory of any country are made available to the government of that country upon its request, as soon as such data are available and on reasonable commercial terms and conditions as appropriate;

(6) Ensure that remotely sensed data are widely available for civil and scientific research, particularly environmental and global change research; and

(7) Maintain a permanent comprehensive U.S. government archive of global land remote sensing data for long-term monitoring and study of the changing global environment.

(b) In accordance with the Act and applicable U.S. Policy, decisions regarding the issuance of licenses and operational conditions (See Subpart B of this part) will be made by the Secretary of Commerce or his/her designee. Determinations of conditions necessary to meet national security, foreign policy and international obligations are made by the Secretaries of Defense and State, respectively.

(c) In accordance with U.S. Policy, NOAA encourages U.S. companies to build and operate commercial remote sensing space systems whose operational capabilities, products, and services are superior to any current or planned foreign commercial systems. However, because of the potential value of its products to an adversary, the U.S. Government may restrict operations of the commercial systems in order to limit collection and/or dissemination of certain data and products to the U.S. Government or to U.S. Government-approved recipients.

§ 960.2 Scope.

(a) The Act and the regulations in this part apply to any person subject to the jurisdiction or control of the United States who operates or proposes to operate a private remote sensing space system, either directly or through an affiliate or subsidiary, and/or establishes substantial connections with the United States regarding the

operation of a private remote sensing system.

(b) In determining whether substantial connections exist with regard to a specific system, the factors NOAA may consider include, but are not limited to: the location of a system control center or operations centers and stations; the administrative control of the system; use of a U.S. launch vehicle; location or administrative control of ground receiving stations; the investment, ownership, or technology included in the system.

(c) The regulations in this part apply to any action taken on or after May 25, 2006 with respect to any license, and to pre-existing licenses.

(d) If any provision of the regulations in this part or the application thereof to any person or circumstance is held invalid, the validity of the remainder of the regulations in this part or the application of such provision to other persons and circumstances shall not be affected.

(e) Issuance of a license under the regulations in this part does not affect the authority of any Department or Agency of the U.S. Government including, but not limited to, the Federal Communications Commission under the Communications Act of 1934 (47 U.S.C. 151 *et seq.*), the Department of Transportation under the Commercial Space Launch Act of 1984 (49 U.S.C. app. 2601 *et seq.*), the Department of Commerce under the Export Administration Regulations (15 CFR parts 730–774), or the Department of State under the Arms Export Control Act (22 U.S.C. 2778) and the International Traffic in Arms Regulations (22 CFR parts 120–130).

§ 960.3 Definitions.

For purposes of the regulations in this part, the following terms have the following meanings:

Act means the Land Remote Sensing Policy Act of 1992 (Pub. L. 102–555, 106 Stat. 4163) as amended by the 1998 Commercial Space Act (Pub. L. 105–303, 112 Stat. 2846), 15 U.S.C. 5601 *et seq.*

Administrative control means the power or authority, direct or indirect, whether or not exercised through the

legal or defacto ownership or possession thereof, ownership of voting securities of a licensee, or by proxy voting, contractual arrangements or other means, to determine, direct or decide matters affecting the operations of the system; specifically, to determine, direct, take, manage, administer, influence, reach, or cause decisions regarding the:

(1) Sale, lease, mortgage pledge, or other transfer of any or all of the system or system control assets of the licensee, whether in the ordinary course of business or not;

(2) Operation of the system(s), including but not limited to orbit maintenance and other housekeeping functions, tasking and tasking prioritization, data acquisition, data storage, data transmission, processing and dissemination;

(3) Dissolution of the licensee;

(4) Closing and/or relocation of the command and control center of the system;

(5) Execution, substantive modification and/or termination or non-fulfillment of any significant or substantial foreign agreement of the licensee regarding direct readout or tasking obligations; or

(6) Amendment of the Articles of Incorporation or constituent agreement of the licensee with respect to the matters described in paragraphs (1) through (4) of this definition.

Administrator means the Administrator of NOAA and Under Secretary of Commerce for Oceans and Atmosphere or his/her designee.

Affiliate means any person:

(1) Which owns or controls more than a 5% interest in the applicant or licensee; or

(2) Which is under common ownership or control with the applicant or licensee.

Applicant means a person who has submitted an application for a NOAA license to operate a remote sensing space system.

Assistant Administrator means the Assistant Administrator of NOAA for Satellite and Information Services or his/her designee.

Authorized Officer means an individual designated by the Secretary of

Commerce or his/her designee to enforce the regulations in this part.

Basic data set means those unenhanced data generated by the Landsat system or by any remote sensing space system licensed under the Act that have been selected by the Secretary of the Interior to be maintained in the National Satellite Land Remote Sensing Data Archive, as described in Section 502(c) of the Act.

Beneficial owner means any person who, directly or indirectly, through any contract, arrangement, understanding, relationship, or otherwise, has or shares: The right to exercise administrative control over a licensee; and the power to dispose of or to direct the disposition of, any security interest in a license. All securities of the same class beneficially owned by a person, regardless of the form which such beneficial ownership takes, shall be aggregated in calculating the number of shares beneficially owned by such person. A person shall be deemed to be the beneficial owner of a security interest if that person has the right to acquire beneficial ownership, as defined in this definition, within sixty (60) days from acquiring that interest, including, but not limited to, any right to acquire beneficial ownership through: The exercise of any option, warrant or right; the conversion of a security; the power to revoke a trust, discretionary account, or similar arrangement; or the automatic termination of a trust, discretionary account or similar arrangement.

Data Protection Plan refers to the licensee's plan to protect data and information through the entire cycle of tasking, operations, processing, archiving and dissemination. At a minimum, this includes appropriate protection of communications links and/or delivery methods for tasking of the satellite, downlinking of data to a ground station (including relay stations), and delivery of data from the satellite to the licensee's central data storage facilities.

License means a grant of authority under the Act by the Administrator to a person to operate a private remote-sensing space system.

Licensee means a person who holds a NOAA license to operate a remote sensing space system.

National Satellite Land Remote Sensing Data Archive means the archive established by the Secretary of the Interior pursuant to the archival responsibilities defined in Section 502 of the Act.

NOAA means the National Oceanic and Atmospheric Administration.

Operate means to manage, run, authorize, control, or otherwise affect the functioning of a remote sensing space system, directly or through an affiliate or subsidiary. This includes:

(1) Commanding, controlling, tasking, and navigation of the system; or

(2) Data acquisition, storage, processing, and dissemination.

Operational control means the ability to operate the system or override commands issued by any operations center or station.

Orbital debris means all human-generated debris in Earth orbit. This includes, but is not limited to, payloads that can no longer perform their mission, rocket bodies and other hardware (e.g., bolt fragments and covers) left in orbit as a result of normal launch and operational activities, and fragmentation debris produced by failure or collision. Gases and liquids in free state are not considered orbital debris.

Person means any individual (whether or not a citizen of the United States) subject to U.S. jurisdiction; a corporation, partnership, association, or other entity organized or existing under the laws of the United States; a subsidiary (foreign or domestic) of a U.S. parent company; an affiliate (foreign or domestic) of a U.S. company; or any other private remote sensing space system operator having substantial connections with the United States or deriving substantial benefits from the United States that support its international remote sensing operations sufficient to assert U.S. jurisdiction as a matter of common law.

Proprietary information means any business or trade secrets or commercial or financial information explicitly designated as proprietary or confidential by the submitter, the public release of which would cause substantial harm to

the competitive position of the submitter. Once the information is publicly-released by the submitter, it is no longer considered proprietary.

Remote sensing space system, Licensed system, or System means any device, instrument, or combination thereof, the space-borne platform upon which it is carried, and any related facilities capable of actively or passively sensing the Earth's surface, including bodies of water, from space by making use of the properties of the electromagnetic waves emitted, reflected, or diffracted by the sensed objects. For purposes of the regulations in this part, a licensed system consists of a finite number of satellites and associated facilities, including those for tasking, receiving, and storing data, designated at the time of the license application. Small, hand-held cameras shall not be considered remote sensing space systems.

Secretary means the Secretary of Commerce.

Security means any note, stock, treasury stock, bond, debenture, evidence of indebtedness, certificate of interest or participation in any profit-sharing agreement, collateral trust certificate, pre-organization certificate or subscription, transferable share, investment contract, voting trust certificate, or certificate of deposit for a security; any put, call, straddle, option, or privilege on any security, certificate of deposit, or group or index of securities (including any interest therein or based on the value thereof); any put, call, straddle, option, or privilege entered into a national securities exchange relating to foreign currency; any interest or instrument commonly known as a "security"; or any certificate of interest or participation in, temporary or interim certificate for, receipt for, guarantee of, or warrant or right to subscribe to or purchase, any of the foregoing.

Significant or Substantial foreign agreement (also referred to in this part as foreign agreement or agreement) means an agreement with a foreign nation, entity, consortium, or person that provides for one or more of the following:

(1) Administrative control which may include distributorship arrangements involving the routine receipt of high

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volumes of the system's unenhanced data;

(2) Participation in the operations of the system; including direct access to the system's unenhanced data; or

(3) An equity interest in the licensee held by a foreign nation and/or person, if such interest equals or exceeds or will equal or exceed twenty (20) percent of total outstanding shares, or entitles the foreign person to a position on the licensee's Board of Directors.

Subsidiary means a person over which the applicant or licensee may exercise administrative control.

Tasking means any action taken to command a remote sensing space system or its sensor to acquire data for transmission or storage on the satellite's recording subsystem. Such action can be in the form of commands sent to the system for execution or for storage in the satellite's memory for execution at a specified time or location within a given orbit.

Under Secretary means the Under Secretary of Commerce for Oceans and Atmosphere and Administrator of NOAA or his/her designee.

Unenhanced data means remote sensing signals or imagery products that are unprocessed or subject only to data preprocessing. Data preprocessing may include rectification of system and sensor distortions in remote sensing data as it is received directly from the satellite; registration of such data with respect to features of the Earth; and calibration of spectral response with respect to such data. It does not include conclusions, manipulations, or calculations derived from such data, or a combination of such data with other data. It also excludes phase history data for synthetic aperture radar systems or other space-based radar systems.

U.S. Policy means the policy(ies) announced by the President that specifically address U.S. commercial remote sensing space capabilities.

Subpart B—Licenses

§ 960.4 Application.

No person subject to the jurisdiction and/or control of the United States may operate a private remote sensing

space system without a license issued pursuant to this part.

(a) Filing instructions, as well as a list of information to be included in the license application, are included in Appendix 1 of this part.

(b) If information in an application becomes inaccurate or incomplete prior to issuance of the license, the applicant must, within 14 days, file the new or corrected information with the Assistant Administrator. If new or revised information is filed during the application process, the Assistant Administrator shall, within fourteen (14) days, determine whether the deadline imposed by Section 201(c) of the Act and § 960.6(a) must be extended to allow adequate review of the revised application and, if so, for how long.

§ 960.5 Confidentiality of information.

(a) Any proprietary information related to a license application, application for amendment, foreign agreement, or any other supporting documentation submitted to NOAA will be treated as business confidential or proprietary information, if that information is explicitly designated and marked as such by the submitter. This does not preclude the United States Government from citing information in the public domain provided by the licensee in another venue (e.g., the licensee's Web site or a press release).

(b) Within thirty (30) days of the issuance of a license to operate a remote sensing space system, the licensee shall provide the Assistant Administrator with a publicly-releasable summary of the licensed system. The summary must be submitted in a readily reproducible form accompanied by a copy on electronic media. This summary shall be available for public review at a location designated by the Assistant Administrator and shall include:

(1) The name, mailing address and telephone number of the licensee and any affiliates or subsidiaries;

(2) A general description of the system, its orbit(s) and the type of data to be acquired; and

(3) The name and address upon whom service of all documents may be made.

§ 960.6 Review procedures for license applications.

The following procedures are consistent and have been harmonized with those procedures, including time lines, described in the Fact Sheet, at Appendix 2 of this part, which governs in lieu of this section and §§ 960.7 and 960.8 with respect to the process for reaching determinations of conditions necessary to meet national security, international obligations and foreign policy and which is outside the scope of the regulations in this part.

(a) The Assistant Administrator shall, within three (3) working days of receipt of an application, forward a copy of the application to the Department of Defense, the Department of State, the Department of the Interior, and any other Federal agencies determined to have a substantial interest in the license application. The Assistant Administrator shall advise such agencies of the deadline prescribed by paragraph (b) of this section to require additional information from the applicant. The Assistant Administrator shall make a determination on the application, in accordance with the Act and section 960.1(b), within 120 days of its receipt. If a determination has not been made within 120 days, the Assistant Administrator shall inform the applicant of any pending issues and any action required to resolve them.

(b) The reviewing agencies have thirty (30) days from receipt of application to notify the Assistant Administrator in writing whether the application omits any of the information listed in Appendix 1 of this part or whether additional information may be necessary to complete the application. This notification shall state the specific reasons why the additional information is sought. The Assistant Administrator shall then notify the applicant, in writing, what information is required to complete the license application. The 120-day review period prescribed in Section 201(c) of the Act will be stopped until the Assistant Administrator determines that the license application is complete.

(c) Within thirty (30) days of receipt of a complete application, as determined by the Assistant Administrator, each Federal agency consulted in para-

graph (a) of this section shall recommend, in writing, to the Assistant Administrator approval or disapproval of the application in writing. If a reviewing agency is unable to complete its review in thirty (30) days, it is required to notify NOAA prior to the expiration of the interagency review period, in writing, of the reason for its delay and provide an estimate of additional time necessary to complete the review.

(d) If the license application is denied, the Assistant Administrator shall provide the applicant with written notification along with a concise statement of the facts in the record determined to support the denial. This denial will be considered final agency action twenty-one (21) days after the date the notice was mailed, unless the applicant files an appeal, as provided in § 960.10.

(e) The Assistant Administrator shall terminate the license application review process if:

(1) The application is withdrawn before the decision approving or denying it is issued; or

(2) The applicant, after receiving a request for additional information pursuant to paragraph (b) of this section, does not provide such information within the time stated in the request.

(f) No license shall be granted by the Secretary unless the Secretary determines, in writing, that the applicant will comply with the requirements of the Act, any regulations issued pursuant to the Act, and that the granting of such license and the operation of the license and system by the licensee would be consistent with the national security interest, foreign policy and international obligations of the United States.

§ 960.7 Amendments to licenses.

(a) Prior to taking any of the following actions a licensee must obtain an amendment to the license:

(1) Assignment of any interest in or transfer of the license from one entity to another, renaming, or any change in identity of the license holder;

(2) Change in or transfer of administrative control;

(3) Change of operational control; or

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(4) Deviation from orbital characteristics, performance specifications, data collection and exploitation capabilities, operational characteristics identified under Appendix 1. of this part, or any other change in license parameters.

(b) Applications for an amendment to an existing license shall contain all relevant new information and shall be filed at the same address identified in Appendix 1 of this part. Amendment applications shall be filed in accordance with the procedures in §960.4 and Appendix 1 of this part for original license applications.

(c) The Assistant Administrator shall, within three (3) working days of receipt of an application for amendment, forward a copy of the application to the Department of Defense, the Department of State, the Department of the Interior, and any other Federal agencies determined to have a substantial interest in the application. The Assistant Administrator shall advise such agencies of the deadline prescribed by paragraph (d) of this section to require additional information from the licensee. The Assistant Administrator shall make a determination on the application, in accordance with the Act and §960.1(b), within 120 days of its receipt. If a determination has not been made within 120 days, the Assistant Administrator shall inform the licensee of any pending issues and any actions necessary to resolve them.

(d) The reviewing agencies have thirty (30) days from receipt of the application for amendment to notify the Assistant Administrator in writing whether the request omits any of the information listed in Appendix 1 of this part or whether additional information may be necessary to complete the request. This notification shall state the specific reasons why the additional information is sought. The Assistant Administrator shall then notify the licensee, in writing, what information is required to complete the application. The 120-day review period prescribed in Section 201(c) of the Act will be stopped until the Assistant Administrator determines that the application request is complete.

(e) Within thirty (30) days of receipt of a complete application for amend-

ment, as determined by the Assistant Administrator, each Federal agency consulted in paragraph (c) of this section shall recommend, in writing, to the Assistant Administrator approval or disapproval of the application. If a reviewing agency is unable to complete its review in thirty (30) days, it is required to notify NOAA prior to the expiration of the interagency review period, in writing, of the reason for its delay and provide an estimate of additional time necessary to complete the review.

(f)(1) When the licensee is seeking an amendment in order to transfer administrative control or change in the participation of the operations of the system to a foreign person or nation, pursuant to paragraph (a)(2) of this section, the licensee must provide the following information:

(i) The identity, residence and citizenship of the foreign person(s) or nation(s) who will acquire control;

(ii) The licensee's proposed plan to ensure that the licensee will protect the operational control of the licensed system from foreign influence and prevent technology transfer that would adversely impact national security, foreign policy or international obligations; and

(iii) Such additional information as the Assistant Administrator may prescribe as necessary or appropriate to protect the national security, foreign policy or international obligations of the United States.

(2) Such an application for amendment will be reviewed to determine whether the foreign person(s) or nation(s) that will exercise administrative control of the licensee will take no action that impairs the national security interests, foreign policy or international obligations of the United States.

(g) If the application for amendment is denied, the Assistant Administrator shall provide the licensee with written notification along with a concise statement of the facts in the record determined to support the denial. This denial will be considered final agency action twenty-one (21) days after the date the notice was mailed, unless the licensee files an appeal, as provided in §960.10.

(h) The Assistant Administrator shall terminate the application for amendment review process if:

(1) The application is withdrawn before the decision approving or denying it is issued; or

(2) The licensee, after receiving a request for additional information pursuant to paragraph (d) of this section, does not provide such information within the time stated in the request.

§ 960.8 Notification of foreign agreements.

Licensees must notify the Assistant Administrator of any significant or substantial agreement that they intend to enter into with any foreign nation, entity, or consortium, not later than sixty (60) days prior to concluding the agreement.

(a) Upon notification by a licensee, pursuant to § 960.11(b)(5), the Assistant Administrator shall initiate review of the proposed agreement in light of the national security interests, foreign policy and international obligations of the U.S. Government.

(b) The Assistant Administrator shall, within three (3) working days of receipt of a proposed foreign agreement, forward a copy of the foreign agreement to the Department of Defense, the Department of State, the Department of the Interior, and any other Federal agencies determined to have a substantial interest in the foreign agreement. The Assistant Administrator, in consultation with other appropriate agencies, will review the proposed foreign agreement. As part of this review, the Assistant Administrator will ensure that the proposed foreign agreement contains the appropriate provisions to ensure compliance with all requirements concerning national security interests, foreign policy and international obligations under the Act or the licensee's ability to comply with the Act, these regulations and the terms of the license. These requirements include:

(1) The ability to implement, as appropriate, restrictions on the foreign party's acquisition and dissemination of imagery as imposed by the license or by the Secretary;

(2) The obligations of the licensee to provide access to data for the National

Satellite Land Remote Sensing Data Archive; and

(3) The obligations of the licensee to convey to the foreign party the licensee's reporting and recordkeeping requirements and to facilitate any monitoring and compliance activities identified in the license.

(c) Within thirty (30) days of receipt of the proposed agreement, other agencies reviewing the agreement will notify the Assistant Administrator that the proposed agreement sufficiently addresses the requirements in paragraph (b) of this section or identify what changes will need to be made to the agreement to meet these requirements.

(d)(1) Within sixty (60) days of notification by the licensee, if the Assistant Administrator determines that a proposed agreement will impair his or her ability to enforce the Act, or the licensee's ability to comply with the Act, these regulations, or the terms or conditions of the license, the licensee will be notified which terms and conditions of the license are affected and, specifically, how the agreement impairs their enforcement.

(2) The proposed agreement may not be implemented by the licensee until the licensee has been advised by the Assistant Administrator that the provisions of the proposed agreement are acceptable.

(e) The licensee is required to provide NOAA a signed copy of the foreign agreement within thirty (30) days of signature.

(f) Following approval of the agreement, if the factual circumstances surrounding this transaction change, the licensee must notify NOAA within twenty-one (21) days of the change. The licensee's failure to notify NOAA in a timely manner may result in penalties for noncompliance being levied, pursuant to Section 203(a)(3) of the Act.

(g) A licensee seeking to enter into a foreign agreement that would require the modification of the terms of an existing license shall also submit a license amendment request and the proposed foreign agreement shall be considered in the context of the amendment review process.

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§ 960.9 License term.

(a) Each license for operation of a system shall be valid for the operational lifetime of the system or until the Secretary determines that the licensee is not in compliance with the requirements of the Act, the regulations issued pursuant to the Act, the terms and conditions of the license, or that the licensee's activities or system operations are not consistent with the national security, foreign policy and international obligations of the United States.

(b) The licensee shall notify the Assistant Administrator within seven (7) days of financial insolvency, dissolution, the demise of its system or of its decision to discontinue system operation. Upon notification, the Assistant Administrator will terminate the license. However, termination will not affect the obligations of the licensee with regard to provisions in its license, requiring the licensee to:

- (1) Provide data to the National Satellite Land Remote Sensing Data Archive for the basic data set;
- (2) Make data available to the National Satellite Land Remote Sensing Data Archive that the licensee intends to purge from its holdings;
- (3) Make data available to a sensed state; and
- (4) Restrict acquisition and dissemination of imagery as imposed by the license or by the Secretary; and
- (5) Manage the re-entry segment, including but not limited to, the disposal of the system.

(c) The licensee shall notify the Assistant Administrator that specific actions leading to the development and operation of the licensed remote sensing space system have been completed. If the Assistant Administrator determines that a licensee has not completed such actions with respect to a licensed system, he/she may terminate the license. The actions required to be taken and associated timelines are as follows:

- (1) Presentation to NOAA of the following formal review materials within five (5) years of the license issuance:
 - (i) Preliminary Design Review, and
 - (ii) Critical Design Review.

(2) Licensee certification to NOAA of the following milestones within five (5) years of the Critical Design Review:

- (i) Execution of a binding contract for launch services, and
 - (ii) Completion of the pre-ship review of the remote sensing payload.
- (3) Remote sensing space systems currently licensed by NOAA will have five (5) years from the effective date of these regulations to meet the milestones in Section 960.9(c)(1).

§ 960.10 Appeals/hearings.

(a) An applicant or licensee may submit a written appeal to the Administrator involving the granting, denial, or conditioning of a license; a license amendment; a foreign agreement; or enforcement action under this part. The appeal must state the action(s) appealed, must set forth a detailed explanation of the reasons for the appeal, and must be submitted within twenty-one (21) days of the action appealed. The appellant may request a hearing on the appeal before a designated hearing officer.

(b) The hearing shall be held no later than thirty (30) days after receipt of the appeal, unless the hearing officer extends the time. The appellant and other interested persons may appear personally or by counsel and submit information and present arguments, as determined appropriate by the hearing officer. Hearings may be closed to the public as necessary to protect classified or proprietary information. Hearings shall be transcribed, and transcripts made available to the public, as required by statute. Classified and proprietary information shall not be included in the public transcripts. Within thirty (30) days of the conclusion of the hearing, the hearing officer shall recommend a decision to the Administrator.

(c) The hearing requested under paragraph (a) of this section may be granted unless the issues being appealed involve the conduct of military or foreign affairs functions. Determinations concerning limitations on data collection or distribution, license conditions, or enforcement actions necessary to meet national security concerns, foreign policies or international obligations are not subject to a hearing

under this Section. A determination to deny an appeal/hearing on this basis shall constitute final agency action.

(d) The Administrator may adopt the hearing officer's recommended decision or may reject or modify it. The Administrator will notify the appellant of the decision, and the reason(s) therefore, in writing, within thirty (30) days of receipt of the hearing officer's recommended decision. The Administrator's action shall constitute final Agency action.

(e) Any time limit prescribed in this section may be extended for a period not to exceed thirty (30) days by the Administrator for good cause, upon his/her own motion or written request from the appellant.

(f) The licensee shall be entitled to an expedited hearing on the review of a foreign agreement if the request is filed with the Administrator within seven (7) days of the date of mailing of the Assistant Administrator's notice under § 960.8(d)(1). The request shall set forth the licensee's response to the determinations contained in the notice, and demonstrate that the time necessary to complete the normal hearing process will jeopardize the agreement.

(1) Expedited hearings shall commence within five (5) days after the filing of the request with the Administrator unless the Administrator or the hearing officer postpones the date of the hearing or the parties agree that it shall commence at a later time.

(2) Within five (5) days of the conclusion of the hearing, the hearing officer shall prepare findings and conclusions for consideration by the Administrator.

(3) Within fourteen (14) days after receipt of such material, the Administrator shall issue his/her findings and conclusions and a statement of the reasons on which they are based. This decision constitutes final agency action.

§ 960.11 Conditions for operation.

(a) Each license issued for the operation of a system shall require the licensee to comply with the Act and the regulations in this part. The licensee shall ensure that its license information is kept current and accurate. A licensee's failure to notify NOAA in a timely manner of any changes to that

information on which the determination to issue the license or a subsequent licensing action was or will be made may result in penalties for non-compliance being levied, pursuant to Section 203(a)(3) of the Act

(b) The following conditions, as a minimum, shall be included in all licenses:

(1) The licensee shall operate its system in a manner that preserves the national security and observes the foreign policy and international obligations of the United States. Specific limitations on operational performance, including, but not limited to, limitations on data collection and dissemination, as appropriate, will be specified in each license.

(2) The licensee shall maintain operational control from a location within the United States at all times, including the ability to override all commands issued by any operations centers or stations.

(3) The licensee will maintain and make available to the Assistant Administrator records of system tasking, operations and other data as specified in the license for the purposes of monitoring and compliance. Periodic reporting and record keeping requirements will be specified in the license. The licensee shall allow the Assistant Administrator access, at all reasonable times, to all facilities which comprise the remote sensing space system for the purpose of conducting license monitoring and compliance inspections.

(4) The licensee may be required by the Secretary to limit data collection and/or distribution by the system as determined to be necessary to meet significant national security or significant foreign policy concerns, or international obligations of the United States, in accordance with the procedures set forth in the Interagency MOU Fact Sheet found in Appendix 2 of this part. During such limitations, the licensee shall, on request, provide unenhanced restricted images on a commercial basis exclusively to the U.S. Government using U.S. government-approved rekeyable encryption on the down-link and shall use a data down-link format that allows the U.S. Government access to these data during such periods.

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(5) A licensee shall notify the Assistant Administrator of its intent to enter into any significant or substantial foreign agreement, and shall submit this agreement for review in accordance with § 960.8. The proposed agreement may not be implemented by the licensee until the licensee has been advised by the Assistant Administrator that the document's provisions are acceptable.

(i) Notification of any agreement that provides for an on-going or a continuous relationship serves as notification of specific transactions carried out within the scope of that agreement for purposes of the regulations in this part and the Act. Such notification does not relieve a licensee of any obligation under any other laws including U.S. export laws or regulations to secure necessary U.S. Government authorizations and/or licenses, to provide notification, or to comply with other requirements.

(ii) A licensee seeking to enter a foreign agreement that would require the modification of the terms of an existing license shall submit a license amendment, as provided in § 960.7.

(6) In accordance with Section 201(e) of the Act and § 960.12, a licensee shall make available on reasonable commercial terms and conditions, in accordance with the Act and § 960.12, any unenhanced data designated by the Assistant Administrator.

(7) A licensee shall provide to the U.S. Government, upon request, a complete list of all archived, unenhanced data which has been generated by its licensed system which is not already maintained in a public catalog. Any information on this list which is deemed proprietary by the licensee should be so noted by the licensee when the list is provided to the U.S. Government.

(8) A licensee shall make available unenhanced data requested by the Department of the Interior on reasonable cost terms and conditions as agreed by the licensee and the Department of the Interior. After the expiration of any exclusive right to sell, or after an agreed amount of time, the Department of Interior shall make these data available to the public at the cost of fulfilling user requests.

(9) Before purging any licensed data in its possession, the licensee shall

offer such data to the National Satellite Land Remote Sensing Data Archive at the cost of reproduction and transmission. The Department of the Interior shall make these data available immediately to the public at the cost of fulfilling user requests.

(10) A licensee shall make available to the government of any country (including the United States) upon request by that government, unenhanced data collected by its system concerning the territory under the jurisdiction of such government. The data shall be provided as soon as the licensee is able to distribute the data commercially or as soon as the licensee has processed them into a format that the licensee uses for its own purposes, whichever occurs sooner, on reasonable terms and conditions. However, no data shall be provided to the sensed state if such release is contrary to U.S. national security concerns, foreign policy or international obligations or is otherwise prohibited by law, e.g., where transactions with the sensed state are prohibited by the laws of the United States. The U.S. Government may require, as a specific license condition, coordination with NOAA prior to fulfilling specific sensed state requests for unenhanced data.

(11) A licensee shall inform the Assistant Administrator immediately of any operational deviation or proposed deviation of the system which would violate the conditions of the license. If advance notice is not possible because of an emergency posing an imminent and substantial threat to human life, property, the environment or the system itself, the licensee shall notify the Assistant Administrator of the deviation as soon as circumstances permit.

(12) A licensee shall dispose of any satellites operated by the licensee upon termination of operations under the license in a manner satisfactory to the President. The licensee shall obtain approval from the Assistant Administrator of all plans and procedures for the disposition of satellites as part of the application process.

(13) The licensee shall submit a Data Protection Plan to the Assistant Administrator for review and approval. The licensee's Data Protection Plan shall contain the process to protect

data and information throughout the entire cycle of tasking, operations, processing, archiving and dissemination.

(i) If the operating license restricts the distribution of certain data and imagery to the U.S. Government or U.S. Government-approved customers, including data whose public distribution is limited for 24 hours after collection, the Data Protection Plan should also provide for secure delivery of restricted data and imagery to U.S. Government-approved customer facilities.

(ii) Communications links that may require protection include, but are not limited to: Telemetry, tracking and commanding; narrowband and wideband data, including satellite platform and sensor data, imagery, and metadata; and terrestrial delivery methods including electronic and physical package delivery.

(iii) The licensee's Data Protection Plan must be approved by NOAA before the licensee's remote sensing space system may be launched. NOAA encourages the licensee's early submission and review of the Data Protection Plan to avoid any negative impacts on its system's development and launch schedule.

(iv) The Assistant Administrator may require the licensee to revise its Data Protection Plan if the system is altered from what was originally licensed.

(14) A license is not an asset of the licensee and shall not be mortgaged, sold or pledged as collateral.

(c) The Assistant Administrator may waive any of the conditions in § 960.11(b) upon a showing of good cause and following consultations with the appropriate agencies.

§ 960.12 Data policy for remote sensing space systems.

(a) In accordance with the Act, if the U.S. Government has or will directly fund all or a substantial part of the development, fabrication, launch, or operation costs of a licensed system, the license shall require that all of the unenhanced data from the system be made available on a nondiscriminatory basis except on the basis of national security, foreign policy or international obligations.

(b) If the U.S. Government has not funded and will not fund, either directly or indirectly, any of the development, fabrication, launch, or operations costs of a licensed system, the licensee may provide access to its unenhanced data in accordance with reasonable commercial terms and conditions, subject to the requirement of providing data to the government of any sensed state, pursuant to § 960.11(b)(10).

(c) If the U.S. Government has (either directly or indirectly) funded some of the development, fabrication, launch, or operations costs of a licensed system, the Assistant Administrator, in consultation with other appropriate U.S. agencies, shall, subject to national security concerns, determine whether the interest of the United States in promoting widespread availability of remote sensing data on reasonable cost terms and conditions requires that some or all of the unenhanced data from the system be made available on a nondiscriminatory basis in accordance with the Act. The license shall specify any data subject to this requirement. In making this determination, the Assistant Administrator may consider:

(1) The extent and proportion of private and Federal funding of the system;

(2) The extent of the governmental versus the commercial market for the unenhanced data;

(3) The effect of a nondiscriminatory data access designation on the applicant's commercial activity;

(4) The extent to which the applicant's proposed commercial data policies would encourage foreign operators to limit access, particularly for research and public benefit purposes; or

(5) The extent to which the U.S. interest in promoting widespread data availability can be satisfied through license conditions that ensure access to the data for non-commercial scientific, educational, or other public benefit purposes.

Subpart C—Prohibitions

§ 960.13 Prohibitions.

It is unlawful for any person who is subject to the jurisdiction or control of

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the United States, directly or through any subsidiary or affiliate to:

(a) Operate a private remote sensing space system in such a manner as to jeopardize the national security or foreign policy and international obligations of the United States;

(b) Operate a private remote sensing space system without possession of a valid license issued under the Act and/or the regulations in this part;

(c) Operate a private remote sensing space system in violation of the terms and conditions of the license issued for such system under the Act and the regulations in this part;

(d) Violate any provision of the Act or the regulations in this part or any term, condition, or restriction of the license;

(e) Violate or fail to comply with any order, directive, or notice issued by the Secretary or his/her designee, pursuant to the Act and/or the regulations in this part, with regard to the operation of the licensed private remote sensing space system;

(f) Fail or refuse to provide to the Secretary or his/her designee in a timely manner, all reports and/or information required to be submitted to the Secretary under the Act or the regulations in this part;

(g) Fail to update in a timely manner, the information required to be submitted to the Secretary in the license application; or

(h) Interfere with the enforcement of this part by:

(1) Refusing to permit access by the Secretary or his/her designee to any facilities which comprise the remote sensing space system for the purposes of conducting any search or inspection in connection with the enforcement of the regulations in this part;

(2) Assaulting, resisting, opposing, impeding, intimidating, or interfering with any authorized officer in the conduct of any search or inspection performed under the regulations in this part;

(3) Submitting false information to the Secretary, his/her designee or any authorized officer; or

(4) Assaulting, resisting, opposing, impeding, intimidating, harassing, bribing, or interfering with any person authorized by the Secretary or his/her

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designee to implement the provisions of the regulations in this part.

Subpart D—Enforcement Procedures

§ 960.14 In general.

(a) The Secretary shall conduct such enforcement activities as are necessary to carry out his/her obligations under the Act.

(b) Any person who is authorized to enforce the regulations in this part may:

(1) Enter, search and inspect any facility suspected of being used to violate the regulations in this part or any license issued pursuant to the regulations in this part and inspect and seize any equipment or records contained in such facility;

(2) Seize any data obtained in violation of the regulations in this part or any license issued pursuant to the regulations in this part;

(3) Seize any evidence of a violation of the regulations in this part or of any license issued pursuant to the regulations in this part;

(4) Execute any warrant or other process issued by any court of competent jurisdiction; and

(5) Exercise any other lawful authority.

§ 960.15 Penalties and sanctions.

As authorized by Section 203(a) of the Act, if the Secretary or his/her designee determines that the licensee has substantially failed to comply with the Act, the regulations in this part, or any term, condition or restriction of the license, the Secretary or his/her designee may request the appropriate U.S. Attorney to seek an order of injunction or similar judicial determination from the U.S. District Court for the District of Columbia Circuit or a U.S. District Court within which the licensee resides or has its principal place of business, to terminate, modify, or suspend the license, and/or to terminate licensed operations on an immediate basis.

(a) In addition, any person who violates any provision of the Act, any license issued there under, or the regulations in this part may be assessed a civil penalty by the Secretary of not

more than \$10,000 for each violation. Each day of operation in violation constitutes a separate violation. Civil penalties will be assessed in accordance with the procedures contained in paragraphs (b) through (g) of this section.

(b) A notice of violation and assessment (NOVA) will be issued by NOAA and served personally or by registered or certified mail, return receipt requested, upon the licensee alleged to be subject to a civil penalty.

(1) The NOVA will contain:

(i) A concise statement of the facts believed to show a violation;

(ii) A specific reference to the provisions of the Act, regulation, license, agreement, or order allegedly violated;

(iii) The findings and conclusions upon which NOAA based the assessment;

(iv) The amount of the civil penalty assessed; and

(v) An explanation of the licensee's rights upon receipt of the NOVA.

(2) In assessing a civil penalty, NOAA will take into account information available to the Agency concerning any factor to be considered under the Act and implementing regulations, and any other information that justice or the purposes of the Act require.

(3) The NOVA may also contain a proposal for compromise or settlement of the case.

(4) The NOVA may also contain a request for the licensee to cease and desist operations which are in violation of the Act, regulations, license, agreement, or order. If the NOVA contains such a request, it will advise the licensee:

(i) Of the amount of time the licensee has to cease and desist the violation. The amount of time will be decided on a case-by-case basis at the sole discretion of the Agency.

(ii) If the licensee fails to respond or comply with NOAA's request, an injunction or other judicial relief may be sought.

(iii) Paragraph (c) of this section applies only to those parts of the NOVA assessing monetary penalties.

(c) The licensee has 14 days from receipt of the NOVA to respond. During this time:

(1) The licensee may accept the penalty or compromise penalty, if any, by

taking the actions specified in the NOVA.

(2) The licensee may request a hearing under section 960.10.

(3) The licensee may request an extension of time to respond. NOAA may grant an extension of up to 14 days unless it is determined that the requester could, exercising reasonable diligence, respond within the 14-day period. A telephonic response to the request is considered an effective response, and will be followed by written confirmation.

(4) The licensee may take no action, in which case the NOVA becomes final in accordance with paragraph (d) of this section.

(d) If no request for hearing is timely filed as provided in §960.10, the NOVA becomes effective as the final administrative decision and order of NOAA on the 30th day after service of the NOVA or on the last day of any delay period granted. If a request for hearing is timely filed in accordance with §960.10, the date of the final administrative decision is as provided in that section.

(e) The licensee must make full payment of the civil penalty assessed within 30 days of the date upon which the assessment becomes effective as the final administrative decision and order of NOAA under paragraph (d) of this section or §960.10.

(1) Payment must be made by mailing or delivering to NOAA at the address specified in the NOVA a check or money order made payable in United States currency in the amount of the assessment to the "Treasurer of the United States," or as otherwise directed.

(2) Upon any failure to pay the civil penalty assessed, NOAA may request the Justice Department to recover the amount assessed in any appropriate district court of the United States, or may act under paragraph (f) of this section.

(f) NOAA, in its sole discretion, may compromise, modify, remit, or mitigate, with or without conditions, any civil penalty imposed.

(1) The compromise authority of NOAA under this section is in addition to any similar authority provided in any applicable statute or regulation, and may be exercised either upon the initiative of NOAA or in response to a

request by the alleged violator or other interested person. Any such request should be sent to NOAA at the address specified in the NOVA.

(2) Neither the existence of the compromise authority of NOAA under this section nor NOAA's exercise thereof at any time changes the date upon which an assessment is final or payable.

(g) Factors to be taken into consideration when assessing a penalty may include the nature, circumstances, extent, and gravity of the alleged violation; the licensee's degree of culpability; any history of prior offenses; and such other matters as justice may require.

APPENDIX 1 TO PART 960—FILING INSTRUCTIONS AND INFORMATION TO BE INCLUDED IN THE LICENSING APPLICATION

Prospective applicants are encouraged to contact NOAA for a non-binding preconsultation prior to filing an application or other licensing actions.

(a) *Where to file.* Applications and all related documents shall be filed with the Assistant Administrator, National Environmental Satellite, Data and Information Service (NESDIS), NOAA, Department of Commerce, 1335 East West Highway, Silver Spring, Maryland 20910.

(b) *Form.* No particular form is required but each application must be in writing, must include all of the information specified in this subpart, and must be signed by an authorized principal executive officer. In addition, applicants must submit a copy on electronic media using commonly-available commercial word processing software.

(c) *Number of copies.* One (1) copy of each application must be submitted in a readily reproducible form accompanied by a copy on electronic media.

(d) The following information shall be filed by the applicant in order to evaluate its suitability to hold a private remote sensing space system license. Data provided regarding the applicant's proposed remote sensing space system must be in sufficient detail to enable the Secretary to determine whether the proposal meets requirements of the Act.

Sec. I Corporate Information

(1) The name, street address and mailing address, telephone number and citizenship(s) of (as applicable):

(i) Applicant as well as any affiliates or subsidiaries;

(ii) Chief executive officer of the applicant and each director;

(iii) Each general corporation partner;

(iv) All executive personnel or senior management of a partnership;

(v) Any directors, partners, executive personnel or senior management who hold positions with or serve as consultants for any foreign nation or person;

(vi) Each domestic beneficial owner of an interest equal to or greater than 10 percent in the applicant;

(vii) Each foreign owner of an interest equal to or greater than 5 percent in the applicant;

(viii) Each foreign lender and amount of debt where foreign indebtedness exceeds 25 percent of an applicant's total indebtedness;

(ix) A person upon who service of all documents may be made.

(2) A description of any significant or substantial agreements between the applicant, its affiliates and subsidiaries, with foreign nation or person, including copies if available;

(3) A copy of the charter or other authorizing instrument certified by the jurisdiction in which the applicant is incorporated or organized and authorized to do business.

Sec. II Launch Segment Information

Provide the characteristics of the launch segment to include:

- (1) Proposed launch schedule;
- (2) Proposed launch vehicle source;
- (3) Proposed launch site;
- (4) Anticipated operational date;
- (5) The range of orbits and altitudes (nominal apogee and perigee);
- (6) Inclination angle;
- (7) Orbital period.

Sec. III Space Segment

(1) The name of the system and the number of satellites which will compose this system;

(2) Technical space system information at the level of detail typical of a request for proposal specification (including sensor type; spatial and spectral resolution; pointing parameters, etc.);

(3) Anticipated best theoretical resolution (show calculation);

(4) Swath width of each sensor (typically at nadir);

(5) The various fields of view for each sensor (IFOV, in-track, cross-track);

(6) On-board storage capacity;

(7) Navigation capabilities—GPS, star tracker accuracies;

(8) Time-delayed integration with focal plane;

(9) Oversampling capability;

(10) Image motion parameters—linear motion, drift; aggregation modes;

(11) Anticipated system lifetime.

Sec. IV Ground Segment

(1) The system data collection and processing capabilities proposed including but

not limited to: Tasking procedures; scheduling plans; data format (downlinked and distributed data); timeliness of delivery; ground segment information regarding the location of proposed operations centers and stations, and tasking, telemetry and control; data distribution and archiving plans;

(2) The command (uplink and downlink) and mission data (downlink) transmission frequencies and system transmission (uplink and downlink) footprint, the downlink data rate, any plans for communications crosslinks;

(3) The plans for protection of uplink, downlink and any data links;

(4) The methods applicant will use to ensure the integrity of its operations, including plans for: Positive control of the remote sensing space system and relevant operations centers and stations; denial of unauthorized access to data transmissions to or from the remote sensing space system; and restriction of collection and/or distribution of unenhanced data from specific areas at the request of the U.S. Government.

Sec. V Other Information

A. The applicant's plans for providing access to or distributing the unenhanced data generated by the system including:

(1) A description of the plan for the sale and distribution of such data;

(2) The method for making the data available to governments whose territories have been sensed;

(3) A description of the plans for making data requested and purchased by the Department of the Interior available to the National Satellite Land Remote Sensing Data Archive for inclusion in the basic data set; and

(4) The licensee's plans to make the data available for non-commercial scientific, educational, or other public benefit purposes, such as the study of the changing global environment.

B. If the applicant is proposing to follow a commercial data distribution and pricing policy as provided for by §960.12, the application shall include the following additional financial information:

(1) The extent of the private investment in the system;

(2) The extent of any direct funding or other direct assistance which the applicant or its affiliates or subsidiaries have received or anticipate receiving from any agency of the U.S. Government for the development, fabrication, launch, or operation of the system including direct financial support, loan guarantees, or the use of U.S. Government equipment or services;

(3) Any existing or anticipated contract(s) between the applicant, affiliate, or subsidiary and U.S. Government agencies for the purchase of data, information, or services from the proposed system;

(4) Any other relationship between the applicant, affiliate, or subsidiary and the U.S. Government which has supported the development, fabrication, launch, or operation of the system; and

(5) Any plans to provide preferred or exclusive access to the unenhanced data to any particular user or class of users.

C. The applicant will submit a plan for post-mission disposition of any remote-sensing satellites owned or operated by the applicant. If the satellite disposition involves an atmospheric re-entry the applicant must provide an estimate of the total debris casualty area of the system's components and structure likely to survive re-entry.

APPENDIX 2 TO PART 960—FACT SHEET REGARDING THE MEMORANDUM OF UNDERSTANDING CONCERNING THE LICENSING OF PRIVATE REMOTE SENSING SATELLITE SYSTEMS DATED FEBRUARY 2, 2000

The White House, Office of Science and Technology Policy and National Security Council

February 2, 2000.

FACT SHEET REGARDING THE MEMORANDUM OF UNDERSTANDING CONCERNING THE LICENSING OF PRIVATE REMOTE SENSING SATELLITE SYSTEMS

A Memorandum of Understanding (MOU) has been concluded between the Departments of Commerce, State, Defense, Interior and the Intelligence Community regarding inter-agency procedures on commercial remote sensing systems.

BACKGROUND

The Secretary of Commerce, through the National Oceanic and Atmospheric Administration, is responsible for administering the licensing of private remote sensing satellite systems pursuant to the Land Remote Sensing Policy Act of 1992. The Act also grants to the Secretaries of State and Defense the authority to determine conditions necessary to protect international obligations, foreign policy concerns, and national security concerns. The purpose of the MOU is to establish interagency procedures concerning the process for handling remote sensing licensing actions, and consultation regarding interruption of normal commercial operations consistent with the President's policy on remote sensing. In consultation with affected agencies, limitations on commercial remote sensing systems will be imposed by the Secretary of Commerce when necessary to meet international obligations and national security and foreign policy concerns and will be in accord with the determinations of the Secretary of Defense and the Secretary of State and with applicable law. Procedures for implementing this policy are set out below.

PROCEDURES

A. Consultation During Review of Licensing Actions

Pursuant to section 5621(c) of the Land Remote Sensing Policy Act of 1992, the Secretary of Commerce shall review any application and make a determination thereon within 120 days of receipt of such application. If final action has not occurred within such time, then the Secretary shall inform the applicant of any pending issues and of actions required to resolve them. Copies of requests for licensing actions received by the Department of Commerce (DOC) will be provided by DOC to the Department of State (DOS), the Department of Defense (DOD), the Department of the Interior (DOI), and the Intelligence Community (IC) within 3 working days.

DOC will defer its decision on such licensing actions until the other Parties concerned have had a reasonable time to review them, as provided in this section.

(1) Within 10 working days of receipt, DOS, DOD, DOI, or IC shall notify the Department of Commerce, in writing, of any additional information it believes is necessary to properly evaluate the licensing action, or notify DOC in writing of the additional time, not to exceed 10 working days, necessary to complete the review. This notification shall state the specific reasons why the additional information is sought.

(2) After receiving a complete license package or the information requested in paragraph (1), DOS, DOD, DOI, and IC will complete their review of the license package within 30 days or notify DOC in writing of additional time necessary to complete the review. If DOS, DOD, or IC conclude that imposition of conditions on the actions being reviewed may be necessary to protect international obligations, foreign policy concerns, or national security concerns, the agency identifying the concern will promptly notify DOC in writing with a copy to other interested agencies. Such notification shall:

(i) Describe the national security interests, or the international obligations or specific foreign policies at risk if the applicant's system is approved as proposed; (ii) set forth in detail the basis for the conclusion that operation of the applicant's system as proposed will not preserve the national security interests or the international obligations or specific foreign policies identified; and (iii) specify the additional conditions necessary to preserve the relevant United States interests or set forth in detail why denial is required to preserve such interests.

(3) Within 10 days of sending this notification, representatives of DOS, DOD, DOC, DOI, and IC will meet to discuss and resolve any issues with regard to these proposed conditions.

(4) If, after such discussions, DOS or DOD conclude that such conditions are necessary but DOC does not concur, the Secretary of State or the Secretary of Defense may make such a determination of necessary conditions in writing. This function may not be delegated below the acting Secretary or the Deputy Secretary. Such determinations will be promptly forwarded to DOC and a copy will be provided to the Assistant to the President for National Security Affairs and the Assistant to the President for Science and Technology.

(5) Upon notification of such a determination, DOC will suspend any further action on the license that would be inconsistent with the DOS or DOD determination. If the Secretary of Commerce believes the limits defined by another Secretary are inappropriate, the Secretary of Commerce or Deputy Secretary shall then consult with his or her counterpart in the relevant department within 10 days regarding any unresolved issues. If the relevant Secretaries are unable to resolve any issues, the Secretary of Commerce will so notify the Assistant to the President for National Security Affairs, who, in coordination with the Assistant to the President for Science and Technology, will seek to achieve a consensus within the inter-agency, or failing that, by referral to the President. All efforts will be taken to resolve the dispute within 3 weeks of its submission to the Assistant to the President for National Security Affairs and the Assistant to the President for Science and Technology.

B. Consultation Regarding Interruption of Normal Commercial Operations

(1) This section establishes the process for requiring the licensee to limit data collection and/or distribution by the system during periods when national security or international obligations and/or foreign policies may be compromised, as determined by the Secretary of Defense or the Secretary of State. DOC will provide to the other Parties copies of licensee correspondence and documents that describe how the licensee will comply with such interruptions of its commercial operations.

(2) Conditions should be imposed for the smallest area and for the shortest period necessary to protect the national security, international obligations, or foreign policy concerns at issue.

Alternatives to prohibitions on collection and/or distribution shall be considered such as delaying the transmission or distribution of data, restricting the field of view of the system, encryption of the data if available, or other means to control the use of the data.

(3) Except where urgency precludes it, DOS, DOD, DOC and IC will consult to attempt to come to an agreement concerning appropriate conditions, if any, to be imposed

on the licensee in accordance with determinations made by DOS or DOD. Consultations shall be constructed so that, in the event an agreement cannot be reached at the staff level, sufficient time will remain to allow the Secretary of Commerce to consult personally with the Secretary of State or the Secretary of Defense, as appropriate, prior to the issuance of a determination by the Secretary of State or the Secretary of Defense in accordance with (4) below. That function shall not be delegated below the acting Secretary.

(4) After such consultations, or when the Secretary of State or the Secretary of Defense specifically determines that urgency precludes consultation with the Secretary of Commerce, the Secretary of State or the Secretary of Defense, shall determine the conditions necessary to meet international obligations, significant foreign policy concerns, or significant national security concerns, especially where those interests identified in the National Security Strategy would be put at risk. This function shall not be delegated below the acting Secretary. The Secretary of State or the Secretary of Defense will provide to the Secretary of Commerce his or her determination regarding the conditions required to be imposed on the licensee. The determination will describe the international obligations, specific foreign policy, or national security interest at risk. Upon receipt of the determination, DOC shall immediately notify the licensee of the imposition of limiting conditions on commercial operations. Copies of the determination and any implementing DOC action will be provided promptly to the Assistant to the President for National Security Affairs and the Assistant to the President for Science and Technology.

(5) If the Secretary of Commerce believes the conditions determined by another Secretary are inappropriate, he or she will, simultaneous with notification of, and imposition of such conditions on, the licensee, so notify the Secretary of Defense or the Secretary of State, as appropriate, the Assistant to the President for National Security Affairs, and the Assistant to the President for Science and Technology. The Assistant to the President for National Security Affairs, in coordination with the Assistant to the President for Science and Technology, will initiate as soon as possible a Principals-level consultative process to achieve a consensus within the interagency, or, failing that, refer the matter to the President for decision. All efforts will be taken to resolve the disagreement within 7 working days of its submission to the Assistant to the President for National Security Affairs and the Assistant to the President for Science and Technology.

C. Coordination Before Release of Information Provided or Generated by Other Agencies

Before releasing any information provided or generated by another agency to a licensee or potential licensee, to the public, or to an administrative law judge, each agency agrees to consult with the agency that provided or generated the information. The purpose of such consultations will be to review the propriety of any proposed release of information that may be privileged because it is classified, pre-decisional, deliberative, contain proprietary information, or is protected for other reasons. No information shall be released without the approval of the agency that provided or generated it unless required by law.

D. No Legal Rights or Remedies, or Legally Enforceable Causes of Action, Are Created or Intended To Be Created by the MOU.

PART 970—DEEP SEABED MINING REGULATIONS FOR EXPLORATION LICENSES

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AUTHORITY: 30 U.S.C. 1401 *et seq.*

Subpart A—General

SOURCE: 46 FR 45896, Sept. 15, 1981, unless otherwise noted.

§ 970.100 Purpose.

(a) *General.* The purpose of this part is to implement those responsibilities and authorities of the National Oceanic

and Atmospheric Administration (NOAA), pursuant to Public Law 96-283, the Deep Seabed Hard Mineral Resources Act (the Act), to issue to eligible United States citizens licenses for the exploration for deep seabed hard minerals.

(b) *Purposes of the Act.* In preparing these regulations NOAA has been mindful of the purposes of the Act, as set forth in section 2(b) thereof. These include:

(1) Encouraging the successful conclusion of a comprehensive Law of the Sea Treaty, which will give legal definition to the principle that the hard mineral resources of the deep seabed are the common heritage of mankind and which will assure, among other things, nondiscriminatory access to such resources for all nations;

(2) Establishing, pending the ratification by, and entering into force with respect to, the United States of such a treaty, an interim program to regulate the exploration for and commercial recovery of hard mineral resources of the deep seabed by United States citizens;

(3) Accelerating the program of environmental assessment of exploration for and commercial recovery of hard mineral resources of the deep seabed and assuring that such exploration and recovery activities are conducted in a manner which will encourage the conservation of such resources, protect the quality of the environment, and promote the safety of life and property at sea;

(4) Encouraging the continued development of technology necessary to recover the hard mineral resources of the deep seabed; and

(5) Pending the ratification by, and entry into force with respect to, the United States of a Law of the Sea Treaty, providing for the establishment of an international revenue-sharing fund the proceeds of which will be used for sharing with the international community pursuant to such treaty.

(c) *Regulatory approach.* (1) These regulations incorporate NOAA's recognition that the deep seabed mining industry is still evolving and that more information must be developed to form the basis for future decisions by industry and by NOAA in its implementation of the Act. They also recognize the

need for flexibility in order to promote the development of deep seabed mining technology, and the usefulness of allowing initiative by miners to develop mining techniques and systems in a manner compatible with the requirements of the Act and regulations. In this regard, the regulations reflect an approach, pursuant to the Act, whereby their provisions ultimately will be addressed and evaluated on the basis of exploration plans submitted by applicants.

(2) In addition, these regulations reflect NOAA's recognition that the difference in scale and effects between exploration for and commercial recovery of hard mineral resources normally requires that they be distinguished and addressed separately. This distinction is also based upon the evolutionary stage of the seabed mining industry referenced above. Thus, NOAA will issue separate regulations pertaining to commercial recovery, in part 971 of this chapter.

[46 FR 45896, Sept. 15, 1981; 47 FR 5966, Feb. 9, 1982]

§ 970.101 Definitions.

For purposes of this part, the term:

(a) *Act* means the Deep Seabed Hard Mineral Resources Act (Pub. L. 96-283; 94 Stat. 553; 30 U.S.C. 1401 *et seq.*);

(b) *Administrator* means the Administrator of the National Oceanic and Atmospheric Administration, or a designee;

(c) *Applicant* means an applicant for an exploration license pursuant to the Act and this part;

(d) *Affiliate* means any person:

(1) In which the applicant or licensee owns or controls more than 5% interest;

(2) Which owns or controls more than 5% interest in the applicant or licensee; or

(3) Which is under common ownership or control with the applicant or licensee.

(e) *Commercial recovery* means:

(1) Any activity engaged in at sea to recover any hard mineral resource at a substantial rate for the primary purpose of marketing or commercially using such resource to earn a net profit, whether or not such net profit is actually earned;

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(2) If such recovered hard mineral resource will be processed at sea, such processing; and

(3) If the waste of such activity to recover any hard mineral resource, or of such processing at sea, will be disposed of at sea, such disposal;

(f) *Continental Shelf* means:

(1) The seabed and subsoil of the submarine areas adjacent to the coast, but outside the area of the territorial sea, to a depth of 200 meters or, beyond that limit, to where the depth of the superjacent waters admits of the exploitation of the natural resources of such submarine area; and

(2) The seabed and subsoil of similar submarine areas adjacent to the coast of islands;

(g) *Controlling interest*, for purposes of paragraph (t)(3) of this section, means a direct or indirect legal or beneficial interest in or influence over another person arising through ownership of capital stock, interlocking directorates or officers, contractual relations, or other similar means, which substantially affect the independent business behavior of such person;

(h) *Deep seabed* means the seabed, and the subsoil thereof to a depth of ten meters, lying seaward of and outside:

(1) The Continental Shelf of any nation; and

(2) Any area of national resource jurisdiction of any foreign nation, if such area extends beyond the Continental Shelf of such nation and such jurisdiction is recognized by the United States;

(i) *Exploration* means:

(1) Any at-sea observation and evaluation activity which has, as its objective, the establishment and documentation of:

(i) The nature, shape, concentration, location, and tenor of a hard mineral resource; and

(ii) The environmental, technical, and other appropriate factors which must be taken into account to achieve commercial recovery; and

(2) The taking from the deep seabed of such quantities of any hard mineral resource as are necessary for the design, fabrication and testing of equipment which is intended to be used in the commercial recovery and processing of such resource;

(j) *Hard mineral resource* means any deposit or accretion on, or just below, the surface of the deep seabed of nodules which include one or more minerals, at least one of which contains manganese, nickel, cobalt, or copper;

(k) *International agreement* means a comprehensive agreement concluded through negotiations at the Third United Nations Conference on the Law of the Sea, relating to (among other matters) the exploration for and commercial recovery of hard mineral resources and the establishment of an international regime for the regulation thereof;

(l) *Licensee* means the holder of a license issued under this part to engage in exploration;

(m) *New entrant* means any applicant, with respect to:

(1) Any application which has not been accorded a pre-enactment explorer priority of right under §970.301; or

(2) Any amendment which has not been accorded a pre-enactment explorer priority of right under §970.302.

(n) *NOAA* means the National Oceanic and Atmospheric Administration;

(o) *Permittee* means the holder of permit issued under NOAA regulations to engage in commercial recovery;

(p) *Person* means any United States citizen, any individual, and any corporation, partnership, joint venture, association, or other entity organized or existing under the laws of any nation;

(q) *Pre-enactment explorer* means a person who was engaged in exploration prior to the date of enactment of the Act (June 28, 1980);

(r) *Reciprocating state* means any foreign nation designated as such by the Administrator under section 118 of the Act;

(s) *United States* means the several States, the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, the United States Virgin Islands, Guam, and any other Commonwealth, territory, or possession of the United States; and

(t) *United States citizen* means

(1) Any individual who is a citizen of the United States;

(2) Any corporation, partnership, joint venture, association, or other entity organized or existing under the laws of any of the United States; and

(3) Any corporation, partnership, joint venture, association, or other entity (whether organized or existing under the laws of any of the United States or a foreign nation) if the controlling interest in such entity is held by an individual or entity described in paragraph (t)(1) or (t)(2) of this section.

[46 FR 45896, Sept. 15, 1981, as amended at 47 FR 5967, Feb. 9, 1982]

§ 970.102 Nature of licenses.

(a) A license issued under this part will authorize the holder thereof to engage in exploration within a specific portion of the sea floor consistent with the provisions of the Act, this part, and the specific terms, conditions and restrictions applied to the license by the Administrator.

(b) Any license issued under this part will be exclusive with respect to the holder thereof as against any other United States citizen or any citizen, national or governmental agency of, or any legal entity organized or existing under the laws of, any reciprocating state.

(c) A valid existing license will entitle the holder, if otherwise eligible under the provisions of the Act and implementing regulations, to a permit for commercial recovery from an area selected within the same area of the sea floor. Such a permit will recognize the right of the holder to recover hard mineral resources, and to own, transport, use, and sell hard mineral resources recovered, under the permit and in accordance with the requirements of the Act.

§ 970.103 Prohibited activities and restrictions.

(a) *Prohibited activities and exceptions.*

(1) Except as authorized under subpart C of this part, no United States citizen may engage in any exploration or commercial recovery unless authorized to do so under:

(i) A license or a permit issued pursuant to the Act and implementing regulations;

(ii) A license, permit, or equivalent authorization issued by a reciprocating state; or

(iii) An international agreement which is in force with respect to the United States.

(2) The prohibitions of paragraph (a)(1) of this section will not apply to any of the following activities:

(i) Scientific research, including that concerning hard mineral resources;

(ii) Mapping, or the taking of any geophysical, geochemical, oceanographic, or atmospheric measurements or random bottom samplings of the deep seabed, if such taking does not significantly alter the surface or subsurface of the deep seabed or significantly affect the environment;

(iii) The design, construction, or testing of equipment and facilities which will or may be used for exploration or commercial recovery, if such design, construction or testing is conducted on shore, or does not involve the recovery of any but incidental hard mineral resources;

(iv) The furnishing of machinery, products, supplies, services, or materials for any exploration or commercial recovery conducted under a license or permit issued under the Act and implementing regulations, a license or permit or equivalent authorization issued by a reciprocating state, or under an international agreement; and

(v) Activities, other than exploration or commercial recovery activities, of the Federal Government.

(3) No United States citizen may interfere or participate in interference with any activity conducted by any licensee or permittee which is authorized to be undertaken under a license or permit issued by the Administrator to a licensee or permittee under the Act or with any activity conducted by the holder of, and authorized to be undertaken under, a license or permit or equivalent authorization issued by a reciprocating state for the exploration or commercial recovery of hard mineral resources. For purposes of this section, interference includes physical interference with activities authorized by the Act, this part, and a license issued pursuant thereto; the filing of specious claims in the United States or

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any other nation; and any other activity designed to harass deep seabed mining activities authorized by law. Interference does not include the exercise of any rights granted to United States citizens by the Constitution of the United States, any Federal or State law, treaty, or agreement or regulation promulgated pursuant thereto.

(4) United States citizens must exercise their rights on the high seas with reasonable regard for the interests of other states in their exercise of the freedoms of the high seas.

(b) *Restrictions on issuance of licenses or permits.* The Administrator will not issue:

(1) Any license or permit after the date on which an international agreement is ratified by and enters into force with respect to the United States, except to the extent that issuance of such license or permit is not inconsistent with such agreement;

(2) Any license or permit the exploration plan or recovery plan of which, submitted pursuant to the Act and implementing regulations, would apply to an area to which applies, or would conflict with:

(i) Any exploration plan or recovery plan submitted with any pending application to which priority of right for issuance applies under this part;

(ii) Any exploration plan or recovery plan associated with any existing license or permit; or

(iii) Any equivalent authorization which has been issued, or for which formal notice of application has been submitted, by a reciprocating state prior to the filing date of any relevant application for licenses or permits pursuant to the Act and implementing regulations;

(3) A permit authorizing commercial recovery within any area of the deep seabed in which exploration is authorized under a valid existing license if such permit is issued to a person other than the licensee for such area;

(4) Any exploration license before July 1, 1981, or any permit which authorizes commercial recovery to commence before January 1, 1988;

(5) Any license or permit the exploration plan or recovery plan for which applies to any area of the deep seabed if, within the 3-year period before the

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date of application for such license or permit;

(i) The applicant therefor surrendered or relinquished such area under an exploration plan or recovery plan associated with a previous license or permit issued to such applicant; or

(ii) A license or permit previously issued to the applicant had an exploration plan or recovery plan which applied to such area and such license or permit was revoked under section 106 of the Act; or

(6) A license or permit, or approve the transfer of a license or permit, except to a United States citizen.

Subpart B—Applications

SOURCE: 46 FR 45898, Sept. 15, 1981, unless otherwise noted.

§ 970.200 General.

(a) *Who may apply; how.* Any United States citizen may apply to the Administrator for issuance or transfer of an exploration license. Applications must be submitted in the form and manner prescribed in this subpart.

(b) *Place, form and copies.* Applications for the issuance or transfer of exploration licenses must be submitted in writing, verified and signed by an authorized officer or other authorized representative of the applicant, in 30 copies, to the following address: Office of Ocean Minerals and Energy, National Oceanic and Atmospheric Administration, suite 410, Page 1 Building, 2001 Wisconsin Avenue, NW., Washington, DC 20235. The Administrator may waive, in whole or in part, at his discretion, the requirement that 30 copies of an application be filed with NOAA.

(c) *Use of application information.* The contents of an application, as set forth below, must provide NOAA with the information necessary to make determinations required by the Act and this part pertaining to the issuance or transfer of an exploration license. Thus, each portion of the application should identify the requirement in this part to which it responds. In addition, the information will be used by NOAA in its function under the Act of consultation and cooperation with other

Federal agencies or departments in relation to their programs and authorities, in order to reduce the number of separate actions required to satisfy Federal agencies' responsibilities.

(d) *Pre-application consultation.* To assist in the development of adequate applications and assure that applicants understand how to respond to the provisions of this subpart, NOAA will be available for pre-application consultations with potential applicants. This includes consultation on the procedures in subpart C. In appropriate circumstances, NOAA will provide written confirmation to the applicant of any oral guidance resulting from such consultations.

(e) *Priority of right.* (1) Priority of right for issuance of licenses to pre-enactment explorers will be established pursuant to subpart C of this part.

(2) Priority of right for issuance of licenses to new entrants will be established on the basis of the chronological order in which license applications, which are in substantial compliance with the requirements established under this subpart, pursuant to § 970.209, are filed with the Administrator.

(3) Applications must be received by the Office of Ocean Minerals and Energy on behalf of the Administrator before a priority can be established.

(4) Upon (i) a determination that:

(A) An application is not in substantial compliance in accordance with § 970.209 or subpart C, as applicable;

(B) An application has not been brought into substantial compliance in accordance with § 970.210 or subpart C, as applicable;

(C) A license has been relinquished or surrendered in accordance with § 970.903; or

(ii) A decision to:

(A) Deny certification of a license pursuant to § 970.407; or

(B) Deny issuance of a license pursuant to § 970.508,

and after the exhaustion of any administrative or judicial review of such determination or decision, the priority of right for issuance of a license will lapse.

(f) *Request for confidential treatment of information.* If an applicant wishes to have any information in his applica-

tion treated as confidential, he must so indicate pursuant to 15 CFR 971.802.

[46 FR 45898, Sept. 15, 1981, as amended at 47 FR 5968, Feb. 9, 1982; 54 FR 547, Jan. 6, 1989]

CONTENTS

§ 970.201 Statement of financial resources.

(a) *General.* The application must contain information sufficient to demonstrate to the Administrator the financial resources of the applicant to carry out, in accordance with this part, the exploration program set forth in the applicant's exploration plan. The information must show that the applicant is reasonably capable of committing or raising sufficient resources to cover the estimated costs of the exploration program. The information must be sufficient for the Administrator to make a determination on the applicant's financial responsibility pursuant to § 970.401.

(b) *Contents.* In particular, the information on financial resources must include:

(1) A description of how the applicant intends to finance the exploration program;

(2) The estimated cost of the exploration program;

(3) With respect to the applicant and those entities upon which the applicant will rely to finance his exploration activities, the most recent audited financial statement (for publicly-held companies, the most recent annual report and Form 10-K filed with the Securities and Exchange Commission will suffice in this regard); and

(4) The credit rating and bond rating of the applicant, and such financing entities, to the extent they are relevant.

§ 970.202 Statement of technological experience and capabilities.

(a) *General.* The application must contain information sufficient to demonstrate to the Administrator the technological capability of the applicant to carry out, in accordance with the regulations contained in this part, the exploration program set out in the applicant's exploration plan. It must contain sufficient information for the

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Administrator to make a determination on the applicant's technological capability pursuant to § 970.402.

(b) *Contents.* In particular, the information submitted pursuant to this section must demonstrate knowledge and skills which the applicant either possesses or to which he can demonstrate access. The information must include:

(1) A description of the exploration equipment to be used by the applicant in carrying out the exploration program;

(2) A description of the environmental monitoring equipment to be used by the applicant in monitoring the environmental effects of the exploration program; and

(3) The experience on which the applicant will rely in using this or similar equipment.

§ 970.203 Exploration plan.

(a) *General.* Each application must include an exploration plan which describes the applicant's projected exploration activities during the period to be covered by the proposed license. Generally, the exploration plan must demonstrate to a reasonable extent that the applicant's efforts, by the end of the 10-year license period, will likely lead to the ability to apply for and obtain a permit for commercial recovery. In particular, the plan must include sufficient information for the Administrator, pursuant to this part, to make the necessary determinations pertaining to the certification and issuance or transfer of a license and to the development and enforcement of the terms, conditions and restrictions for a license.

(b) *Contents.* The exploration plan must contain the following information. In presenting this information, the plan should incorporate the applicant's proposed individual approach, including a general description of how projected participation by other entities will relate to the following elements, if appropriate. The plan must present:

(1) The activities proposed to be carried out during the period of the license;

(2) A description of the area to be explored, including its delineation according to § 970.601;

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(3) The intended exploration schedule which must be responsive to the diligence requirements in § 970.602. Taking into account that different applicants may have different concepts and chronologies with respect to the types of activities described, the schedule should include an approximate projection for the exploration activities planned. Although the details in each schedule may vary to reflect the applicant's particular approach, it should address in some respect approximately when each of the following types of activities is projected to occur.

(i) Conducting survey cruises to determine the location and abundance of nodules as well as the sea floor configuration, ocean currents and other physical characteristics of potential commercial recovery sites;

(ii) Assaying nodules to determine their metal contents;

(iii) Designing and testing system components onshore and at sea;

(iv) Designing and testing mining systems which simulate commercial recovery;

(v) Designing and testing processing systems to prove concepts and designing and testing systems which simulate commercial processing;

(vi) Evaluating the continued feasibility of commercial scale operations based on technical, economic, legal, political and environmental considerations; and

(vii) Applying for a commercial recovery permit and, to the extent known, other permits needed to construct and operate commercial scale facilities (if application for such permits is planned prior to obtaining a commercial recovery permit);

(4) A description of the methods to be used to determine the location, abundance, and quality (*i.e.*, assay) of nodules, and to measure physical conditions in the area which will affect nodule recovery system design and operations (e.g., seafloor topography, seafloor geotechnic properties, and currents);

(5) A general description of the developing recovery and processing technology related to the proposed license, and of any planned or ongoing testing and evaluation of such technology. To

the extent possible at the time of application, this description should address such factors as nodule collection technique, seafloor sediment rejection subsystem, mineship nodule separation scheme, pumping method, anticipated equipment test areas, and details on the testing plan;

(6) An estimated schedule of expenditures, which must be responsive to the diligence requirements as discussed in § 970.602;

(7) Measures to protect the environment and to monitor the effectiveness of environmental safeguards and monitoring systems for commercial recovery. These measures must take into account the provisions in §§ 970.506, 970.518, 970.522 and subpart G of this part; and

(8) A description of any relevant activity that the applicant has completed prior to the submission of the application.

§ 970.204 Environmental and use conflict analysis.

(a) *Environmental information.* To enable NOAA to implement better its responsibility under section 109(d) of the Act to develop an environmental impact statement (EIS) on the issuance of an exploration license, the application must include information for use in preparing NOAA's EIS on the environmental impacts of the activities proposed by the applicant. The applicant must present physical, chemical and biological information for the exploration area. This information should include relevant environmental information, if any, obtained during past exploration activities, but need not duplicate information obtained during NOAA's DOMES Project. Planned activities in the area, including the testing of integrated mining systems which simulate commercial recovery, also must be described. NOAA will need information with the application on location and boundaries of the proposed exploration area, and plans for delineation of features of the exploration area including baseline data or plans for acquiring them. The applicant may at his option delay submission of baseline and equipment data and system test plans. However, applicants so electing should plan to submit this latter information

at least one year prior to the initial test, to allow time for the supplement to the site-specific EIS, if one is required, to be prepared by NOAA, circulated, reviewed and filed with EPA. The submission of this information with the application is strongly encouraged, however, to minimize the possibility that a supplement will be required. If such latter information is submitted subsequent to the original application such tests may not be undertaken in the absence of concurrence by NOAA (which, if applicable, will be required in a term, condition, or restriction in the license). NOAA has developed a technical guidance document which will provide assistance for the agency and the applicant, in consultation, to identify the details on information needed in each case. NOAA may refer to such information for purposes of other determinations under the Act as well. NOAA also will seek to facilitate other Federal and, as necessary, state decisions on exploration activities by functioning as lead agency for the EIS on the application and related actions by other agencies, including those pertaining to any onshore impacts which may result from the proposed exploration activities.

(b) *Use conflict information.* To assist the Administrator in making determinations relating to potential use conflicts between the proposed exploration and other activities in the exploration area, pursuant to §§ 970.503, 970.505, and 970.520, the application must include information known to the applicant with respect to such other activities.

§ 970.205 Vessel safety.

In order to provide a basis for the necessary determinations with respect to the safety of life and property at sea, pursuant to §§ 970.507, 970.521 and subpart H of this part, the application must contain the following information, except for those vessels under 300 gross tons which are engaged in oceanographic research if they are used in exploration.

(a) *U.S. flag vessel.* The application must contain a demonstration or affirmation that any United States flag vessel utilized in exploration activities will possess a current valid Coast

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Guard Certificate of Inspection (COI). To the extent that the applicant knows which United States flag vessel he will be using, the application must include a copy of the COI.

(b) *Foreign flag vessel.* The application must also contain information on any foreign flag vessels to be used in exploration activities, which responds to the following requirements. To the extent that the applicant knows which foreign flag vessel he will be using, the application must include evidence of the following:

(1) That any foreign flag vessel whose flag state is party to the International Convention for Safety of Life at Sea, 1974 (SOLAS 74) possesses current valid SOLAS 74 certificates;

(2) That any foreign flag vessel whose flag state is not party to SOLAS 74 but is party to the International Convention for the Safety of Life at Sea, 1960 (SOLAS 60) possesses current valid SOLAS 60 certificates; and

(3) That any foreign flag vessel whose flag state is not a party to either SOLAS 74 or SOLAS 60 meets all applicable structural and safety requirements contained in the published rules of a member of the International Association of Classification Societies (IACS).

(c) *Supplemental certificates.* If the applicant does not know at the time of submitting an application which vessels he will be using, he must submit the applicable certification for each vessel before the cruise on which it will be used.

§ 970.206 Statement of ownership.

The application must include sufficient information to demonstrate that the applicant is a United States citizen, as required by § 970.103(b)(6), and as defined in § 970.101(t). In particular, the application must include:

(a) Name, address, and telephone number of the United States citizen responsible for exploration operations to whom notices and orders are to be delivered; and

(b) A description of the citizen or citizens engaging in such exploration, including:

(1) Whether the citizen is a natural person, partnership, corporation, joint venture, or other form of association;

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(2) The state of incorporation or state in which the partnership or other business entity is registered;

(3) The name of registered agent or equivalent representative and places of business;

(4) Certification of essential and non-proprietary provisions in articles of incorporation, charter or articles of association; and

(5) The name of each member of the association, partnership, or joint venture, including information about the participation of each partner and joint venturer and/or ownership of stock.

§ 970.207 Antitrust information.

(a) *General.* Section 103(d) of the Act specifically provides for antitrust review of applications by the Attorney General of the United States and the Federal Trade Commission.

(b) *Contents.* In order to provide information for this antitrust review, the application must contain the following:

(1) A copy of each agreement between any parties to any joint venture which is applying for a license, provided that said agreement relates to deep seabed hard mineral resource exploration or mining;

(2) The identity of any affiliate of any person applying for a license; and

(3) For each applicant, its affiliate, or parent or subsidiary of an affiliate which is engaged in production in, or the purchase or sale in or to, the United States of copper, nickel, cobalt or manganese minerals or any metals refined from these minerals:

(i) The annual tons and dollar value of any of these minerals and metals so purchased, sold or produced for the two preceding years;

(ii) Copies of the annual report, balance sheet and income statement for the two preceding years; and

(iii) Copies of each document submitted to the Securities and Exchange Commission.

§ 970.208 Fee.

(a) *General.* Section 104 of the Act provides that no application for the issuance or transfer of an exploration license will be certified unless the applicant pays to NOAA a reasonable administrative fee, which must reflect

the reasonable administrative costs incurred in reviewing and processing the application.

(b) *Amount.* In order to meet this requirement, the application must include a fee payment of \$100,000, payable to the National Oceanic and Atmospheric Administration, Department of Commerce. If costs incurred by NOAA in reviewing and processing an application are significantly less than or in excess of the original fee, the agency subsequently will determine those differences in costs and adjust the fee accordingly. If the costs are significantly less, NOAA will refund the difference. If they are significantly greater, the applicant will be required to submit the additional payment prior to issue or transfer of the license. In the case of an application for transfer of a license to an entity which has previously been found qualified for a license, the Administrator may, on the basis of pre-application consultations pursuant to § 970.200(d), reduce the fee in advance by an appropriate amount which reflects costs avoided by reliance on previous findings made in relation to the proposed transferee. If an applicant elects to pursue the 'banking' option under § 970.601(d), and exercises that option by submitting two applications, only one application fee needs to be submitted with respect to each use of the 'banking' option.

[46 FR 45898, Sept. 15, 1981, as amended at 47 FR 5966, 5968, Feb. 9, 1982]

PROCEDURES

§ 970.209 Substantial compliance with application requirements.

(a) Priority of right for the issuance of licenses to new entrants will be established on the basis of the chronological order in which license applications which are in substantial compliance with the requirements established under this subpart are filed with the Administrator pursuant to § 970.200.

(b) In order for an application to be in substantial compliance with the requirements of this subpart, it must include information specifically identifiable with and materially responsive to each requirement contained in §§ 970.201 through 970.208. A determination on substantial compliance relates only to

whether the application contains the required information, and does not constitute a determination on certification of the application, or on issuance or transfer of a license.

(c) The Administrator will make a determination as to whether the application is in substantial compliance. Within 30 days after receipt of an application and the opening of coordinates describing the application area, he will issue written notice to the applicant regarding such determination. The notice will identify, if applicable, in what respects the application is not in either full or substantial compliance. If the application is in substantial but not full compliance, the notice will specify the information which the applicant must submit in order to bring it into full compliance, and why the additional information is necessary.

[46 FR 45898, Sept. 15, 1981, as amended at 47 FR 11513, Mar. 17, 1982]

§ 970.210 Reasonable time for full compliance.

Priority of right will not be lost in case of any application filed which is in substantial but not full compliance, as specified in § 970.209, if the Administrator determines that the applicant, within 60 days after issuance to the applicant by the Administrator of written notice that the application is in substantial but not full compliance, has brought the application into full compliance with the requirements of §§ 970.201 through 970.208.

[46 FR 45898, Sept. 15, 1981; 47 FR 5966, Feb. 9, 1982]

§ 970.211 Consultation and cooperation with Federal agencies.

(a) Promptly after his receipt of an application and the opening of coordinates describing the application area, the Administrator will distribute a copy of the application to each other Federal agency or department which, pursuant to section 103(e) of the Act, has identified programs or activities within its statutory responsibilities which would be affected by the activities proposed in the application (*i.e.*, the Departments of State, Transportation, Justice, Interior, Defense,

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Treasury and Labor, as well as the Environmental Protection Agency, Federal Trade Commission, Small Business Administration and National Science Foundation). Based on its legal responsibilities and authorities, each such agency or department may, not later than 60 days after it receives a copy of the application which is in full compliance with this subpart, recommend certification of the application, issuance or transfer of the license, or denial of such certification, issuance or transfer. The advice or recommendation by the Attorney General or Federal Trade Commission on antitrust review, pursuant to §970.207, must be submitted within 90 days after their receipt of a copy of the application which is in full compliance with this subpart. NOAA will use the benefits of this process of consultation and cooperation to facilitate necessary Federal decisions on the proposed exploration activities, pursuant to the mandate of section 103(e) of the Act to reduce the number of separate actions required to satisfy Federal agencies' statutory responsibilities.

(b) In any case in which a Federal agency or department recommends a denial, it will set forth in detail the manner in which the application does not comply with any law or regulation within its area of responsibility and will indicate how the application may be amended, or how terms, conditions or restrictions might be added to the license to assure compliance with such law or regulation.

(c) A recommendation from another Federal agency or department for denying or amending an application will not affect its having been in substantial compliance with the requirements of this subpart, pursuant to §970.209, for purposes of establishing priority of right. However, pursuant to section 103(e) of the Act, NOAA will cooperate with such agencies and with the applicant with the goal of resolving the concerns raised and satisfying the statutory responsibilities of these agencies.

[46 FR 45898, Sept. 15, 1981, as amended at 47 FR 11513, Mar. 17, 1982]

§970.212 Public notice, hearing and comment.

(a) *Notice and comments.* The Administrator will publish in the FEDERAL

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REGISTER, for each application for an exploration license, notice that such application has been received. Subject to 15 CFR 971.802, interested persons will be permitted to examine the materials relevant to such application. Interested persons will have at least 60 days after publication of such notice to submit written comments to the Administrator.

(b) *Hearings.* (1) After preparation of the draft EIS on an application pursuant to section 109(d) of the Act, the Administrator shall hold a public hearing on the application and the draft EIS in an appropriate location, and may employ such additional methods as he deems appropriate to inform interested persons about each application and to invite their comments thereon.

(2) If the Administrator determines there exists one or more specific and material factual issues which require resolution by formal processes, at least one formal hearing will be held in the District of Columbia metropolitan area in accordance with the provisions of subpart I of 15 CFR part 971. The record developed in any such formal hearing will be part of the basis of the Administrator's decisions on an application.

(c) Hearings held pursuant to this section and other procedures will be consolidated insofar as practicable with hearings held and procedures employed by other agencies.

[46 FR 45898, Sept. 15, 1981, as amended at 54 FR 547, Jan. 6, 1989]

§970.213 Amendment to an application.

After an application has been submitted to the Administrator, but before a determination is made on the issuance or transfer of a license, the applicant must submit an amendment to the application if required by a significant change in the circumstances represented in the original application and affecting the requirements of this subpart. Applicants should consult with NOAA to determine if changes in circumstances are sufficiently significant to require submission of an amendment. The application, as amended, would then serve as the basis for determinations by the Administrator under this part. For each

amendment judged by the Administrator to be significant, he will provide a copy of such amendment to each other Federal agency and department which received a copy of the original application, and also will provide for public notice, hearing and comment on the amendment pursuant to § 970.212. Such amendment, however, will not affect the priority of right established by the filing of the original application. After the issuance of or transfer of a license, any revision by the licensee will be made pursuant to § 970.513.

Subpart C—Procedures for Applications Based on Exploration Commenced Before June 28, 1980; Resolution of Conflicts Among Overlapping Applications; Applications by New Entrants

SOURCE: 47 FR 24948, July 8, 1982, unless otherwise noted.

§ 970.300 Purposes and definitions.

(a) This subpart sets forth the procedures which the Administrator will apply to applications filed with NOAA covering areas of the deep seabed where the applicants have engaged in exploration prior to June 28, 1980, and to the resolution of conflicts arising out of such applications. This subpart also establishes the date on which NOAA will begin to accept applications or amendments filed by new entrants, and certain other procedures for new entrants.

(b) For the purposes of this subpart the term:

(1) *Amendment* means an amendment to an application which changes the area applied for;

(2) *Application* means an application for an exploration license which is filed pursuant to the Act and this subpart;

(3) *Conflict* means the existence of more than one application or amendment with the same priority of right:

(i) Which are filed with the Administrator or with the Administrator and a reciprocating state; and

(ii) In which the deep seabed areas applied for overlap in whole or part, to the extent of the overlap;

(4) *Original conflict* means a conflict solely between or among applications;

(5) *New conflict* means a conflict between or among amendments filed after July 22, 1982, and on or before October 15, 1982;

(6) *Domestic conflict* means a conflict solely between or among applications or amendments which have been filed with the Administrator.

(7) *International conflict* means a conflict arising between or among applications or amendments filed with the Administrator and a reciprocating state.

§ 970.301 Requirements for applications based on pre-enactment exploration.

(a) Pursuant to section 101(b) of the Act, any United States citizen who was engaged in exploration before the effective date of the Act (June 28, 1980) qualifies as a pre-enactment explorer and may continue to engage in such exploration without a license:

(1) If such citizen applies under this part for a license with respect to such exploration within the time period specified in paragraph (b) of this section; and

(2) Until such license is issued to such citizen or a final administrative or judicial determination is made affirming the denial of certification of the application for, or issuance of, such license.

(b) Any application for a license based upon pre-enactment exploration must be filed, at the address specified in § 970.200(b), no later than 5:00 p.m. EST on March 12, 1982 (or such later date and time as the Administrator may announce by regulation). All such applications filed at or before that time will be deemed to be filed on such closing date.

(c) Applications not filed in accordance with this section will not be considered to be based on pre-enactment exploration, and may be filed only as new entrant applications under § 970.303.

(d) To receive a pre-enactment explore priority of right for issuance of a license, and application must be, when filed, in substantial compliance with requirements described in § 970.209(b). An application which is in substantial but not full compliance will not lose its priority of right if it is brought into full compliance according to § 970.210.

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(e) Any application based on pre-enactment exploration must be for a reasonably compact area with respect to which the applicant is a pre-enactment explorer, and, notwithstanding any part of § 970.601 which indicates otherwise, such area must be bounded by a single continuous boundary.

(f) The coordinates and any chart of the logical mining unit applied for in an application based on a pre-enactment exploration must be submitted in a separate, sealed envelope.

(g) On or before March 12, 1982, the applicants must indicate to the Administrator, other than in the sealed portion of the application:

- (1) The size of the area applied for;
- (2) Whether the applicant or any person on the applicant's behalf has applied, or intends to apply, for the same area or substantially the same area to one or more nations, and the number of such other applications; and
- (3) Whether the other applicant is pursuing the "banking" option under § 970.601(d), and the number of applications filed, or to be filed, in pursuit of the "banking" option.

§ 970.302 Procedures and criteria for resolving conflicts.

(a) *General.* This section governs the resolution of all conflicts between or among applications or amendments having pre-enactment explorer priority of right.

(b) *Identification of applicants.* On June 21, 1982, the Administrator will meet with representatives of reciprocating states to identify their respective pre-enactment explorer applicants, and will identify the coordinates of the application areas applied for by such applicants.

(c) *Initial processing.* On or before July 13, 1982, the Administrator will determine whether each domestic application is entitled to a priority of right based on pre-enactment exploration in accordance with § 970.301.

(d) *Identification of conflicts.* On July 14, 1982, the Administrator will meet with representatives of reciprocating states to exchange lists of applications accorded pre-enactment explorer priorities of right, and will identify any conflicts existing among such applications.

(e) *Notification to applicants of conflicts.* If the Administrator identifies a conflict, he will send, no later than July 22, 1982, written notice of the conflict to each domestic applicant involved in the conflict. The notice will:

(1) Identify each applicant involved in the conflict in question;

(2) Identify the coordinates of the portions of the application areas which are in conflict;

(3) Indicate that the applicant may request from the Administrator the coordinates of the application areas from any other applications filed with the Administrator or with a reciprocating state (such coordinates will be provided subject to appropriate confidentiality arrangements);

(4) State whether:

(i) Each domestic application involved in the conflict is in substantial or, if known, full compliance with the requirements described in § 970.209(b); and

(ii) Each foreign application involved in the conflict meets, if known, the legal requirements of the reciprocating state in which it is filed;

(5) Notify each domestic applicant involved in a conflict that he may, after July 22, 1982, and on or before November 16, 1982, resolve the conflict voluntarily according to paragraph (f) of this section, and that on or after November 17, 1982, any unresolved conflict shall be resolved in accordance with paragraph (j) or (k) of this section, as applicable; and

(6) In the case of an international conflict, include a copy of any applicable conflict resolution procedures in force between the United States and its reciprocating states pursuant to section 118 of the Act.

(f) *Voluntary resolution of conflicts.* Each U.S. applicant involved in a conflict may resolve the conflict after July 22, 1982, and on or before November 16, 1982, by:

(1) Unilaterally, or by agreement with each other applicant involved in the conflict, filing an amendment to the application eliminating the conflict; or

(2) Agreeing in writing with the other applicant(s) involved in the conflict to submit it to an agreed binding conflict resolution procedure.

(g) *Amendments.* (1) Amendments must be filed in accordance with the requirements for applications described in § 970.200.

(2) The Administrator will:

(i) Accept no amendment prior to July 23, 1982;

(ii) Accord pre-enactment explorer priority of right only to amendments which:

(A) Pertain to areas with respect to which the applicant has engaged in pre-enactment exploration;

(B) Resolve an existing conflict with respect to that application;

(C) Do not apply for an area included in an application filed pursuant to § 970.301 which is accorded pre-enactment explorer priority of right or an application identified pursuant to § 970.302(b) which has been filed with a reciprocating state; and

(D) Are filed on or before October 15, 1982; and

(iii) Accord amendments which meet the requirements of this paragraph (g) the same priority of right as the applications to which they pertain.

(3) The area applied for in an amendment need not be adjacent to the area applied for in the original application.

(4) Amendments not accorded pre-enactment explorer priority of right may be filed as new entrant amendments under § 970.303.

(h) *Notification of amendments and new conflicts.* The Administrator will:

(1) No later than October 25, 1982, notify each reciprocating state of any amendment accorded pre-enactment explorer priority of right pursuant to paragraph (g) of this section and, in cooperation with such states, identify any new conflicts;

(2) No later than October 27, 1982, notify each domestic applicant who is involved in a new conflict. The notice will:

(i) Identify each applicant with whom each new conflict has arisen;

(ii) Identify the coordinates of each area in which the applicant is involved in a new conflict;

(iii) Indicate that the applicant may request from the Administrator the coordinates of each area included in an amendment accorded pre-enactment explorer priority of right pursuant to paragraph (g) of this section, or for

which notice has been received from a reciprocating state (such coordinates will be provided subject to appropriate confidentiality arrangements);

(iv) Notify the applicant that he may, on or before November 16, 1982, resolve the conflict voluntarily according to paragraph (f) of this section, and that on or after November 17, 1982, any unresolved conflict shall be resolved in accordance with paragraph (j) or (k) of this section, as applicable; and

(v) In the case of an international conflict, include a copy of any applicable conflict resolution procedures in force between the United States and its reciprocating states pursuant to section 118 of the Act.

(i) *Government assistance in resolving international conflicts.* If, by October 26 1982, the applicants have not resolved, or agreed in writing to a specified binding procedure to resolve, an original international conflict, or new international conflict, the Administrator, the Secretary of State of the United States, and appropriate officials of the government of the reciprocating state to which the other applicant involved in the conflict applied will use their good offices to assist the applicants to resolve the conflict. After November 16, 1982, any unresolved international conflicts will be resolved in accordance with paragraph (k) of this section.

(j) *Unresolved domestic conflict—(1) Procedure.* (i) In the case of an original domestic conflict or a new domestic conflict, the applicants will be allowed until April 15, 1983, to resolve the conflict or agree in writing to submit the conflict to a specified binding conflict resolution procedure. If, by April 15, 1983, all applicants involved in an original or new domestic conflict have not resolved that conflict, or agreed in writing to submit the conflict to a specified binding conflict resolution procedure, the conflict will be resolved in a formal hearing held in accordance with subpart I of 15 CFR part 971, except that:

(A) The General Counsel of NOAA will not, as a matter of right, be a party to the hearing; however, the General Counsel may be admitted to the hearing by the administrative law judge as a party or as an interested

person pursuant to 15 CFR 971.901 (f)(2) or (f)(3); and

(B) The administrative law judge will take such actions as he deems necessary and appropriate to conclude the hearing and transmit a recommended decision to the Administrator in an expeditious manner.

(ii) Notwithstanding the above, at any time on or after November 17, 1982, and on or before April 14, 1983, the applicants involved in the conflict may, by agreement, request the Administrator to resolve the conflict in a formal hearing as described above.

(2) *Decision principles for NOAA formal conflict resolution.* (i) The Administrator shall determine which applicant involved in a conflict between or among pre-enactment explorer applications or amendments shall be awarded all or part of each area in conflict.

(ii) The determination of the Administrator shall be based on the application of principles of equity which take into consideration, with respect to each applicant involved in the conflict, the following factors:

(A) The continuity and extent of activities relevant to each area in conflict and the application area of which it is a part;

(B) The date on which each applicant involved in the conflict, or predecessor in interest or component organization thereof, commenced activities at sea in the application area;

(C) The financial cost of activities relevant to each area in conflict and to the application area of which it is a part, measured in constant dollars;

(D) The time when the activities were carried out, and the quality of the activities; and

(E) Such additional factors as the Administrator determines to be relevant, but excluding consideration of the future work plans of the applicants involved in any conflict.

(iii) For the purposes of this paragraph (j) of this section, the word *activities* means the undertakings, commitments of resources investigations, findings, research, engineering development and other activities relevant to the identification, discovery, and systematic analysis and evaluation of hard mineral resources and to the determination of the technical and eco-

nomie feasibility of commercial recovery.

(iv) When considering the factors specified in paragraph (j)(2)(ii) of this section, the Administrator shall hear, and shall (except for purposes of apportionment pursuant to paragraph (j)(2)(v) of this section) limit his consideration to, all evidence based on the activities specified in paragraph (j)(2)(ii) of this section which were conducted on or before January 1, 1982, *Provided, however,* That an applicant must prove at-sea activities in the area in conflict prior to June 28, 1980, as a pre-condition to presentation of further evidence to the Administrator regarding activities in the area in conflict.

(v) In making his determination, the Administrator may award the entire area in conflict to one applicant involved in the conflict, or he may apportion the area among any or all of the applicants involved in the conflict. If, after applying the principles of equity, the Administrator determines that the area in conflict should be apportioned, the Administrator shall (to the maximum extent practicable consistent with the Administrator's application of the principles of equity) apportion the area in a manner designed to satisfy the plan of work set forth in the application of each applicant which is awarded part of the area.

(vi) Each applicant involved in the conflict must file an amendment to its application if necessary to implement the determination made by the Administrator.

(k) *Unresolved international conflicts.* (1) If, by November 17, 1982, all applicants involved in an original or new international conflict have not resolved that conflict, or agreed in writing to submit the conflict to a specified binding conflict resolution procedure, the applicants shall proceed in accordance with the conflict resolution procedures agreed to between the United States and its reciprocating states pursuant to section 118 of the Act.

(2) Each applicant whose application is involved in an international conflict shall be responsible for actions required in the conduct of the conflict

resolution procedures, including bearing a proportional cost of implementing the procedures, representing himself in any proceedings, and assisting in the selection of arbitrators if necessary.

(1) *Continued opportunity for voluntary resolutions.* Each applicant may resolve any conflict by voluntary procedures at any time while that conflict persists.

(m) *Effect on priorities of new entrants.*

(1) A pre-enactment explorer is entitled to a priority of right over a new entrant for any area in which the pre-enactment explorer has engaged in exploration prior to June 28, 1980 if, with respect to that area, the pre-enactment explorer files an application in accordance with this part on or after January 25, 1982 and on or before the closing date for pre-enactment explorer applications established under §970.301(b).

(2) Any amendment which is filed by a pre-enactment explorer on or before October 15, 1982, relates back to the date of filing of the original application and shall give the pre-enactment explorer priority of right over all new entrants if the amendment is accorded a pre-enactment explorer priority of right under paragraph (g) of this section.

[47 FR 24948, July 8, 1982, as amended at 54 FR 548, Jan. 6, 1989]

§ 970.303 Procedures for new entrants.

(a) *Filing of new entrant applications or amendments; priority of right.* New entrant applications or amendments must be filed in accordance with §970.200. A new entrant may file an application or amendment only at or after 1500 hours G.m.t. (11:00 a.m. EDT) January 3, 1983. All applications or amendments filed at that time shall be deemed to be filed simultaneously, and, if in accordance with §970.209, shall have priority of right over any application or amendment filed subsequently. Priority of right for any application or amendment filed after that time will be established as described in §970.209.

(b) *Conflicts.* (1) If a domestic conflict exists between or among new entrant applications or amendments, the applicants involved in the conflict shall resolve it.

(2) If an international conflict exists between or among new entrant applications or amendments, the conflict shall be resolved in accordance with applicable conflict resolution procedures agreed to between the United States and its reciprocating States pursuant to section 118 of the Act. The Administrator will provide each domestic applicant involved in an international conflict a copy of any such procedures in force when the Administrator issues notice to the applicant that an international conflict exists. Each applicant whose application is involved in an international conflict shall be responsible for actions required in the conduct of the conflict resolution procedures, including bearing a proportional cost of implementing the procedures, representing himself in any proceedings, and assisting in the selection of arbitrators if necessary.

§ 970.304 Action on portions of applications or amendments not in conflict.

If an applicant so requests, the Administrator will proceed in accordance with this part to review that portion of an area included in an application or amendment that is not involved in a conflict. However, the Administrator will proceed with such review only if the applicant advises the Administrator in writing that the applicant will continue to seek a license for the proposed exploration activities in the portion of the application area that is not in conflict. To the extent practicable, the deadlines for certification of an application or amendment and issuance of a license provided in §§970.400 and 970.500, respectively, will run from the date of filing of the original application.

Subpart D—Certification of Applications

SOURCE: 46 FR 45902, Sept. 15, 1981, unless otherwise noted.

§ 970.400 General.

(a) Certification is an intermediate step between receipt of an application for issuance or transfer of a license and its actual issuance or transfer. It is a

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determination which focuses on the eligibility of the applicant.

(b) Before the Administrator may certify an application for issuance or transfer of a license, he must determine that issuance of the license would not violate any of the restrictions in § 970.103(b). He also must make written determinations with respect to the requirements set forth in §§ 970.401 through 970.406. This will be done after consultation with other departments and agencies pursuant to § 970.211.

(c) To the maximum extent possible, the Administrator will endeavor to complete certification of an application within 100 days after submission of an application which is in full compliance with subpart B of this part. If final certification or denial of certification has not occurred within 100 days after such submission of the application, the Administrator will inform the applicant in writing of the pending unresolved issues, the agency's efforts to resolve them, and an estimate of the time required to do so.

§ 970.401 Financial responsibility.

(a) Before the Administrator may certify an application for an exploration license he must find that the applicant has demonstrated that, upon issuance or transfer of the license, the applicant will be financially responsible to meet all obligations which he may require to engage in the exploration proposed in the application.

(b) In order for the Administrator to make this determination, the applicant must show to the Administrator's satisfaction that he is reasonably capable of committing or raising sufficient resources to carry out, in accordance with the provisions contained in this part, the exploration program set forth in his exploration plan.

§ 970.402 Technological capability.

(a) Before the Administrator may certify an application for an exploration license, he must find that the applicant has demonstrated that, upon issuance or transfer of the license, the applicant will possess, or have access to or a reasonable expectation of obtaining, the technological capability to engage in the proposed exploration.

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(b) In order for the Administrator to make this determination, the applicant must demonstrate to the Administrator's satisfaction that the applicant will possess or have access to, at the time of issuance or transfer of the license, the technology and expertise, as needed, to carry out the exploration program set forth in his exploration plan.

§ 970.403 Previous license and permit obligations.

In order to certify an application, the Administrator must find that the applicant has satisfactorily fulfilled all past obligations under any license or permit previously issued or transferred to the applicant under the Act.

§ 970.404 Adequate exploration plan.

Before he may certify an application, the Administrator must find that the proposed exploration plan of the applicant meets the requirements of § 970.203.

§ 970.405 Appropriate exploration site size and location.

Before the Administrator may certify an application, he must approve the size and location of the exploration area selected by the applicant. The Administrator will approve the size and location of the area unless he determines that the area is not a logical mining unit pursuant to § 970.601.

§ 970.406 Fee payment.

Before the Administrator may certify an application, he must find that the applicant has paid the license fee as specified in § 970.208.

§ 970.407 Denial of certification.

(a) The Administrator may deny certification of an application if he finds that the requirements of this subpart have not been met. If, in the course of reviewing an application for certification, the Administrator becomes aware of the fact that one or more of the requirements for issuance or transfer under §§ 970.503 through 970.507 will not be met, he may also deny certification of the application.

(b) When the Administrator proposes to deny certification he will send to

the applicant, and publish in the FEDERAL REGISTER, written notice of intention to deny certification. Such notice will include:

(1) The basis upon which the Administrator proposes to deny certification; and

(2) If the basis for the proposed denial is a deficiency which the Administrator believes the applicant can correct:

(i) The action believed necessary to correct the deficiency; and

(ii) The time within which any correctable deficiency must be corrected (the period of time may not exceed 180 days except as specified by the Administrator for good cause).

(c) The Administrator will deny certification:

(1) On the 30th day after the date the notice is sent to the applicant, under paragraph (b) of this section, unless before such 30th day the applicant files with the Administrator a written request for an administrative review of the proposed denial; or

(2) On the last day of the period established under paragraph (b)(2)(ii) of this section in which the applicant must correct a deficiency, if such deficiency has not been corrected before such day and an administrative review requested pursuant to paragraph (c)(1) of this section is not pending or in progress.

(d) If a timely request for administrative review of the proposed denial is made by the applicant under paragraph (c)(1) of this section, the Administrator will promptly begin a formal hearing in accordance with Subpart I of 15 CFR part 971. If the proposed denial is the result of a correctable deficiency, the administrative review will proceed concurrently with any attempts to correct the deficiency, unless the parties agree otherwise or the administrative law judge orders differently.

(e) If the Administrator denies certification, he will send to the applicant written notice of the denial, including the reasons therefor.

(f) Any final determination by the Administrator granting or denying certification is subject to judicial review

as provided in Chapter 7 of Title 5, United States Code.

[46 FR 45902, Sept. 15, 1981, as amended at 54 FR 547, Jan. 6, 1989]

§ 970.408 Notice of certification.

Upon making a final determination to certify an application for an exploration license, the Administrator will promptly send written notice of his determination to the applicant.

Subpart E—Issuance/Transfer/Terms, Conditions and Restrictions

SOURCE: 46 FR 45903, Sept. 15, 1981, unless otherwise noted.

§ 970.500 General.

(a) *Proposal.* After certification of an application pursuant to Subpart D of this part, the Administrator will proceed with a proposal to issue or transfer a license for the exploration activities described in the application.

(b)(1) *Terms, conditions and restrictions.* Within 180 days (or such longer period as the Administrator may establish for good cause shown in writing) after certification, the Administrator will propose terms and conditions for, and restrictions on, the proposed exploration which are consistent with the provisions of the Act and this part as set forth in §§ 970.517 through 970.524. Proposed and final terms, conditions and restrictions will be uniform in all licenses, except to the extent that differing physical and environmental conditions require the establishment of special terms, conditions and restrictions for the conservation of natural resources, protection of the environment, or the safety of life and property at sea. The Administrator will propose these in writing to the applicant. Also, public notice thereof will be provided pursuant to § 970.501, and they will be included with the draft of the EIS on the issuance of a license which is required by section 109(d) of the Act.

(2) If the Administrator does not propose terms, conditions and restrictions within 180 days after certification, he will notify the applicant in writing of the reasons for the delay and will indicate the approximate date on which

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the proposed terms, conditions and restrictions will be completed.

(c) *Findings.* Before issuing or transferring an exploration license, the Administrator must make written findings in accordance with the requirements of §§ 970.503 through 970.507. These findings will be made after considering all information submitted with respect to the application and proposed issuance or transfer. He will make a final determination on issuance or transfer of a license, and will publish a final EIS on that action, within 180 days (or such longer period of time as he may establish for good cause shown in writing) following the date on which proposed terms, conditions and restrictions, and the draft EIS, are published.

ISSUANCE/TRANSFER; MODIFICATION/
REVISION; SUSPENSION/REVOCAION

§ 970.501 Proposal to issue or transfer and of terms, conditions and restrictions.

(a) *Notice and comment.* The Administrator will publish in the FEDERAL REGISTER notice of each proposal to issue or transfer, and of terms and conditions for, and restrictions on, an exploration license. Subject to 15 CFR 971.802, interested persons will be permitted to examine the materials relevant to such proposals. Interested persons will have at least 60 days after publication of such notice to submit written comments to the Administrator.

(b) *Hearings.* (1) The Administrator will hold a public hearing in an appropriate location and may employ such additional methods as he deems appropriate to inform interested persons about each proposal and to invite their comments thereon.

(2) If the Administrator determines there exists one or more specific and material factual issues which require resolution by formal processes, at least one formal hearing will be held in the District of Columbia metropolitan area in accordance with the provisions of subpart I of 15 CFR part 971. The record developed in any such formal hearing will be part of the basis for the Administrator's decisions on issuance or transfer of, and of terms, conditions and restrictions for the license.

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(c) Hearings held pursuant to this section will be consolidated insofar as practicable with hearings held by other agencies.

[46 FR 45903, Sept. 15, 1981, as amended at 54 FR 548, Jan. 6, 1989]

§ 970.502 Consultation and cooperation with Federal agencies.

Prior to the issuance or transfer of an exploration license, the Administrator will continue the consultation and cooperation with other Federal agencies which were initiated pursuant to § 970.211. This consultation will be to assure compliance with, among other statutes, the Endangered Species Act of 1973, as amended, the Marine Mammal Protection Act of 1972, as amended, and the Fish and Wildlife Coordination Act. He also will consult, prior to any issuance, transfer, modification or renewal of a license, with any affected Regional Fishery Management Council established pursuant to section 302 of the Fishery Conservation and Management Act of 1976 (16 U.S.C. 1852) if the activities undertaken pursuant to such license could adversely affect any fishery within the Fishery Conservation Zone, or any anadromous species or Continental Shelf fishery resource subject to the exclusive management authority of the United States beyond such zone.

§ 970.503 Freedom of the high seas.

(a) Before issuing or transferring an exploration license, the Administrator must find that the exploration proposed in the application will not unreasonably interfere with the exercise of the freedoms of the high seas by other nations, as recognized under general principles of international law.

(b) In making this finding, the Administrator will recognize that exploration for hard mineral resources of the deep seabed is a freedom of the high seas. In the exercise of this right, each licensee must act with reasonable regard for the interests of other nations in their exercise of the freedoms of the high seas.

(c)(1) In the event of a conflict between the exploration program of an applicant or licensee and a competing use of the high seas by another nation or its nationals, the Administrator, in

consultation and cooperation with the Department of State and other interested agencies, will enter into negotiations with that nation to resolve the conflict. To the maximum extent possible the Administrator will endeavor to resolve the conflict in a manner that will allow both uses to take place in a manner in which neither will unreasonably interfere with the other.

(2) If both uses cannot be conducted harmoniously in the area subject to the exploration plan, the Administrator will decide whether to issue or transfer the license.

§ 970.504 International obligations of the United States.

Before issuing or transferring an exploration license, the Administrator must find that the exploration proposed in the application will not conflict with any international obligation of the United States established by any treaty or international convention in force with respect to the United States.

§ 970.505 Breach of international peace and security involving armed conflict.

Before issuing or transferring an exploration license, the Administrator must find that the exploration proposed in the application will not create a situation which may reasonably be expected to lead to a breach of international peace and security involving armed conflict.

§ 970.506 Environmental effects.

Before issuing or transferring an exploration license, the Administrator must find that the exploration proposed in the application cannot reasonably be expected to result in a significant adverse effect on the quality of the environment, taking into account the analyses and information in any applicable EIS prepared pursuant to section 109(c) or 109(d) of the Act. This finding also will be based upon the considerations and approach in § 970.701.

§ 970.507 Safety at sea.

Before issuing or transferring an exploration license, the Administrator must find that the exploration proposed in the application will not pose an inordinate threat to the safety of

life and property at sea. This finding will be based on the requirements reflected in §§ 970.205 and 970.801.

§ 970.508 Denial of issuance or transfer.

(a) The Administrator may deny issuance or transfer of a license if he finds that the applicant or the proposed exploration activities do not meet the requirements of this part for the issuance or transfer of a license.

(b) When the Administrator proposes to deny issuance or transfer, he will send to the applicant, and publish in the FEDERAL REGISTER, written notice of such intention to deny issuance or transfer. Such notice will include:

(1) The basis upon which the Administrator proposes to deny issuance or transfer; and

(2) If the basis for the proposed denial is a deficiency which the Administrator believes the applicant can correct:

(i) The action believed necessary to correct the deficiency; and

(ii) The time within which any correctable deficiency must be corrected (the period of time may not exceed 180 days except as specified by the Administrator for good cause).

The FEDERAL REGISTER notice will not include the coordinates of the proposed exploration area.

(c) The Administrator will deny issuance or transfer:

(1) On the 30th day after the date the notice is sent to the applicant under paragraph (b) of this section, unless before such 30th day the applicant files with the Administrator a written request for an administrative review of the proposed denial; or

(2) On the last day of the period established under paragraph (b)(2)(ii) of this section in which the applicant must correct a deficiency, if such deficiency has not been corrected before such day and an administrative review requested pursuant to paragraph (c)(1) of this section is not pending or in progress.

(d) If a timely request for administrative review of the proposed denial is made by the applicant under paragraph (c)(1) of this section, the Administrator will promptly begin a formal hearing in accordance with subpart I of 15 CFR

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part 971. If the proposed denial is the result of a correctable deficiency, the administrative review will proceed concurrently with any attempt to correct the deficiency, unless the parties agree otherwise or the administrative law judge orders differently.

(e) If the Administrator denies issuance or transfer, he will send to the applicant written notice of the denial, including the reasons therefor.

(f) Any final determination by the Administrator granting or denying issuance of a license is subject to judicial review as provided in chapter 7 of title 5, United States Code.

[46 FR 45903, Sept. 15, 1981, as amended at 54 FR 548, Jan. 6, 1989]

§ 970.509 Notice of issuance or transfer.

If the Administrator finds that the requirements of this part have been met, he will issue or transfer the license along with the appropriate terms, conditions and restrictions. Notification thereof will be made in writing to the applicant and in the FEDERAL REGISTER.

§ 970.510 Objections to terms, conditions and restrictions.

(a) The licensee may file a notice of objection to any term, condition or restriction in the license. The licensee may object on the grounds that any term, condition or restriction is inconsistent with the Act or this part, or on any other grounds which may be raised under applicable provisions of law. If the licensee does not file notice of an objection within the 60-day period immediately following the licensee's receipt of the notice of issuance or transfer under § 970.509, he will be deemed conclusively to have accepted the terms, conditions and restrictions in the license.

(b) Any notice of objection filed under paragraph (a) of this section must be in writing, must contain the precise legal basis for the objection, and must provide information relevant to any underlying factual issues deemed by the licensee as necessary to the Administrator's decision upon the objection.

(c) Within 90 days after receipt of the notice of objection, the Administrator

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will act on the objection and publish in the FEDERAL REGISTER, as well as provide to the licensee, written notice of his decision.

(d) If, after the Administrator takes final action on an objection, the licensee demonstrates that a dispute remains on a material issue of fact, the Administrator will provide for a formal hearing which will proceed in accordance with subpart I of 15 CFR part 971.

(e) Any final determination by the Administrator on an objection to terms, conditions or restrictions in a license after the formal hearing provided in paragraph (d) of this section is subject to judicial review as provided in chapter 7 of title 5, United States Code.

[46 FR 45903, Sept. 15, 1981, as amended at 54 FR 548, Jan. 6, 1989]

§ 970.511 Suspension or modification of activities; suspension or revocation of licenses.

(a) The Administrator may:

(1) In addition to, or in lieu of, the imposition of any civil penalty under subpart J of 15 CFR part 971, or in addition to the imposition of any fine under subpart J, suspend or revoke any license issued under this part, or suspend or modify any particular activities under such a license, if the licensee substantially fails to comply with any provision of the Act, this part, or any term, condition or restriction of the license; and

(2) Suspend or modify particular activities under any license, if the President determines that such suspension or modification is necessary:

(i) To avoid any conflict with any international obligation of the United States established by any treaty or convention in force with respect to the United States; or

(ii) To avoid any situation which may reasonably be expected to lead to a breach of international peace and security involving armed conflict.

(b) Any action taken by the Administrator in accordance with paragraph (a)(1) will proceed pursuant to the procedures in 15 CFR 971.1003. Any action taken in accordance with paragraph (a)(2) will proceed pursuant to paragraphs (c) through (i) of this section, other than paragraph (h)(2).

(c) Prior to taking any action specified in paragraph (a)(2) of this section the Administrator will publish in the FEDERAL REGISTER, and send to the licensee, written notice of the proposed action. The notice will include:

(1) The basis of the proposed action; and

(2) If the basis for the proposed action is a deficiency which the Administrator believes the licensee can correct:

(i) The action believed necessary to correct the deficiency; and

(ii) The time within which any correctable deficiency must be corrected (this period of time may not exceed 180 days except as specified by the Administrator for good cause).

(d) The Administrator will take the proposed action:

(1) On the 30th day after the date the notice is sent to the licensee, under paragraph (c) of this section, unless before such 30th day the licensee files with the Administrator a written request for an administrative review of the proposed action; or

(2) On the last day of the period established under paragraph (c)(2)(ii) of this section in which the licensee must correct the deficiency, if such deficiency has not been corrected before such day and an administrative review requested pursuant to paragraph (d)(1) of this section is not pending or in progress.

(e) If a timely request for administrative review of the proposed action is made by the licensee under paragraph (d)(1) of this section, the Administrator will promptly begin a formal hearing in accordance with subpart I of 15 CFR part 971. If the proposed action is the result of a correctable deficiency, the administrative review will proceed concurrently with any attempt to correct the deficiency, unless the parties agree otherwise or the administrative law judge orders differently.

(f) The Administrator will serve on the licensee, and publish in the FEDERAL REGISTER, written notice of the action taken including the reasons therefor.

(g) Any final determination by the Administrator to take the proposed action is subject to judicial review as

provided in chapter 7 of title 5, United States Code.

(h) The issuance of any notice of proposed action under this section will not affect the continuation of exploration activities by a licensee, except as provided in paragraph (i) of this section.

(i) The provisions of paragraphs (c), (d), (e) and (h) of this section will not apply when:

(1) The President determines by Executive Order that an immediate suspension of a license, or immediate suspension or modification of particular activities under such license, is necessary for the reasons set forth in paragraph (a)(2) of this section; or

(2) The Administrator determines that immediate suspension of such a license, or immediate suspension or modification of particular activities under a license, is necessary to prevent a significant adverse effect on the environment or to preserve the safety of life or property at sea, and the Administrator issues an emergency order in accordance with §971.1003(d)(4).

(j) The Administrator will immediately rescind the emergency order as soon as he has determined that the cause for the order has been removed.

[46 FR 45903, Sept. 15, 1981, as amended at 54 FR 548, Jan. 6, 1989]

§970.512 Modification of terms, conditions and restrictions.

(a) After issuance or transfer of any license, the Administrator, after consultation with interested agencies and the licensee, may modify any term, condition, or restriction in such license for the following purposes:

(1) To avoid unreasonable interference with the interests of other nations in their exercise of the freedoms of the high seas, as recognized under general principles of international law. This determination will take into account the provisions of §970.503;

(2) If relevant data and other information (including, but not limited to, data resulting from exploration activities under the license) indicate that modification is required to protect the quality of the environment or to promote the safety of life and property at sea;

(3) To avoid a conflict with any international obligation of the United

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States, established by any treaty or convention in force with respect to the United States, as determined in writing by the President; or

(4) To avoid any situation which may reasonably be expected to lead to a breach of international peace and security involving armed conflict, as determined in writing by the President.

(b) The procedures for objection to the modification of a term, condition or restriction will be the same as those for objection to an original term, condition or restriction under §970.510, except that the period for filing notice of objection will run from the receipt of notice of proposed modification. Public notice of proposed modifications under this section will be made according to §970.514. On or before the date of publication of public notice, written notice will be provided to the licensee.

[46 FR 45903, Sept. 15, 1981; 47 FR 5966, Feb. 9, 1982]

§970.513 Revision of a license.

(a) During the term of an exploration license, the licensee may submit to the Administrator an application for a revision of the license or the exploration plan associated with it. NOAA recognizes that changes in circumstances encountered, and in information and technology developed, by the licensee during exploration may require such revisions. In some cases it may even be advisable to recognize at the time of filing the original license application that although the essential information for issuing or transferring a license as specified in §§970.201 through 920.208 must be included in such application, some details may have to be provided in the future in the form of a revision. In such instances, the Administrator may issue or transfer a license which would authorize exploration activities and plans only to the extent described in the application.

(b) The Administrator will approve such application for a revision upon a finding in writing that the revision will comply with the requirements of the Act and this part.

(c) A change which would require an application to and approval by the Administrator as a revision is a major change in one or more of:

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(1) The bases for certifying the original application pursuant to §§970.401 through 970.406;

(2) The bases for issuing or transferring the license pursuant to §§970.503 through 970.507; or

(3) The terms, conditions and restrictions issued for the license pursuant to §§970.517 through 970.524.

A major change is one which is of such significance so as to raise a question as to:

(i) The applicant's ability to meet the requirements of the sections cited in paragraphs (c) (1) and (2) of this section; or

(ii) The sufficiency of the terms, conditions and restrictions to accomplish their intended purpose.

§970.514 Scale requiring application procedures.

(a) A proposal by the Administrator to modify a term, condition or restriction in a license pursuant to §970.512, or an application by a licensee for revision of a license or exploration plan pursuant to §970.513, is significant, and the full application requirements and procedures will apply, if it would result in other than an incidental:

(1) Increase in the size of the exploration area; or

(2) Change in the location of the area.

An incidental increase or change is that which equals two percent or less of the original exploration area, so long as such adjustment is contiguous to the licensed area.

(b) All proposed modifications or revisions other than described in paragraph (a) of this section will be acted on after a notice thereof is published by the Administrator in the FEDERAL REGISTER, with a 60-day opportunity for public comment. On a case-by-case basis, the Administrator will determine if other procedures, such as a public hearing in a potentially affected area, are warranted. Notice of the Administrator's decision on the proposed modification will be provided to the licensee in writing and published in the FEDERAL REGISTER.

§970.515 Duration of a license.

(a) Each exploration license will be issued for a period of 10 years.

(b) If the licensee has substantially complied with the license and its associated exploration plan and requests an extension of the license, the Administrator will extend the license on terms, conditions and restrictions consistent with the Act and this part for a period of not more than 5 years.

In determining substantial compliance for purposes of this section, the Administrator may make allowance for deviation from the exploration plan for good cause, such as significantly changed market conditions. However, a request for extension must be accompanied by an amended exploration plan to govern the activities by the licensee during the extended period.

(c) Successive extensions may be requested, and will be granted by the Administrator, based on the criteria, and for the length of time, specified in paragraph (b) of this section.

§ 970.516 Approval of license transfers.

(a) The Administrator may transfer a license after a written request by the licensee. After a licensee submits such a request to the Administrator, the proposed transferee will be deemed an applicant for an exploration license, and will be subject to the requirements and procedures of this part.

(b) The Administrator will transfer a license if the proposed transferee and exploration activities meet the requirements of the Act and this part, and if the proposed transfer is in the public interest. The Administrator will presume that the transfer is in the public interest if it meets the requirements of the Act and this part. In case of mere change in the form or ownership of a licensee, the Administrator may waive relevant determinations for requirements for which no changes have occurred since the preceding application.

TERMS, CONDITIONS, AND RESTRICTIONS

§ 970.517 Diligence requirements.

The terms, conditions and restrictions in each exploration license must include provisions to assure diligent development. The Administrator will establish these pursuant to § 970.602.

§ 970.518 Environmental protection requirements.

(a) Each exploration license must contain such terms, conditions and restrictions, established by the Administrator, which prescribe actions the licensee must take in the conduct of exploration activities to assure protection of the environment. The Administrator will establish these pursuant to § 970.702.

(b) Before establishing the terms, conditions and restrictions pertaining to environmental protection, the Administrator will consult with the Administrator of the Environmental Protection Agency, the Secretary of State and the Secretary of the department in which the Coast Guard is operating. He also will take into account and give due consideration to the information contained in the final EIS prepared with respect to that proposed license.

§ 970.519 Resource conservation requirements.

For the purpose of conservation of natural resources, each license issued under this part will contain, as needed, terms, conditions and restrictions which have due regard for the prevention of waste and the future opportunity for the commercial recovery of the unrecovered balance of the hard mineral resources in the license area. The Administrator will establish these pursuant to § 970.603.

§ 970.520 Freedom of the high seas requirements.

Each license issued under this part must include such restrictions as may be necessary and appropriate to ensure that the exploration activities do not unreasonably interfere with the interests of other nations in their exercise of the freedoms of the high seas, as recognized under general principles of international law, such as fishing, navigation, submarine pipeline and cable laying, and scientific research. The Administrator will consider the provisions in § 970.503 in establishing these restrictions.

§ 970.521 Safety at sea requirements.

The Secretary of the department in which the Coast Guard is operating, in consultation with the Administrator,

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will require in any license issued under this part, in conformity with principles of international law, that vessels documented under the laws of the United States and used in activities authorized under the license comply with conditions regarding the design, construction, alteration, repair, equipment, operation, manning and maintenance relating to vessel and crew safety and the promotion of safety of life and property at sea. These requirements will be established with reference to subpart H of this part.

§ 970.522 Monitoring requirements.

Each exploration license must require the licensee:

(a) To allow the Administrator to place appropriate Federal officers or employees as observers aboard vessels used by the licensee in exploration activities to:

(1) Monitor such activities at such time, and to such extent, as the Administrator deems reasonable and necessary to assess the effectiveness of the terms, conditions, and restrictions of the license; and

(2) Report to the Administrator whenever such officers or employees have reason to believe there is a failure to comply with such terms, conditions, and restrictions;

(b) To cooperate with such officers and employees in the performance of monitoring functions; and

(c) To monitor the environmental effects of the exploration activities in accordance with a monitoring plan approved and issued by the Administrator as license terms, conditions and restrictions, and to submit such information as the Administrator finds to be necessary and appropriate to assess environmental impacts and to develop and evaluate possible methods of mitigating adverse environmental effects. This environmental monitoring plan and reporting will respond to the concerns and procedures discussed in Subpart G of this part.

§ 970.523 Special terms, conditions, and restrictions.

Although the general criteria and standards to be used in establishing terms, conditions, and restrictions for a license are set forth in this part, as

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referenced in §§ 970.517 through 970.522, the Administrator may impose special terms, conditions, and restrictions for the conservation of natural resources, protection of the environment, or the safety of life and property at sea when required by differing physical and environmental conditions.

§ 970.524 Other Federal requirements.

Pursuant to § 970.211, another Federal agency, upon review of an exploration license application submitted under this part, may indicate how terms, conditions, and restrictions might be added to the license, to assure compliance with any law or regulation within that agency's area of responsibility. In response to the intent, reflected in section 103(e) of the Act, to reduce the number of separate actions to satisfy the statutory responsibilities of these agencies, the Administrator may include such terms, conditions, and restrictions in a license.

Subpart F—Resource Development Concepts

SOURCE: 46 FR 45907, Sept. 15, 1981, unless otherwise noted.

§ 970.600 General.

Several provisions in the Act relate to appropriate mining techniques or mining efficiency. These raise what could be characterized as resource development issues. In particular, under section 103(a)(2)(D) of the Act, the applicant will select the size and location of the area of an exploration plan, which will be approved unless the Administrator finds that the area is not a "logical mining unit." Also, pursuant to section 108 of the Act the applicant's exploration plan and the terms, conditions and restrictions of each license must be designed to ensure diligent development. In addition, for the purpose of conservation of natural resources, section 110 of the Act provides that each license is to contain, but only as needed, terms, conditions, and restrictions which have due regard for the prevention of waste and the future opportunity for the commercial recovery of the unrecovered balance of the resources.

§ 970.601 Logical mining unit.

(a) In the case of an exploration license, a logical mining unit is an area of the deep seabed which can be explored under the license, and within the 10-year license period, in an efficient, economical and orderly manner with due regard for conservation and protection of the environment, taking into consideration the resource data, other relevant physical and environmental characteristics, and the state of the technology of the applicant as set forth in the exploration plan. In addition, it must be of sufficient size to allow for intensive exploration.

(b) Approval by the Administrator of a proposed exploration logical mining unit will be based on a case-by-case review of each application. In order to provide a proper basis for this evaluation, the applicant's exploration plan should describe the seabed topography, the location of mineral deposits and the nature of planned equipment and operations. Also, the exploration plan must show the relationship between the area to be explored and the applicant's plans for commercial recovery volume, to the extent projected in the exploration plan.

(c) In delineating an exploration area, the applicant need not include unmineable areas. Thus, the area need not consist of contiguous segments, as long as each segment would be efficiently mineable and the total proposed area constitutes a logical mining unit. In describing the area, the applicant must present the geodetic coordinates of the points defining the boundaries, referred to the World Geodetic System (WGS) Datum. A boundary between points must be a geodesic. If grid coordinates are desired, the Universal Transverse Mercator Grid System must be used.

(d) At the applicant's option, for the purpose of satisfying a possible obligation under a future Law of the Sea Treaty, the applicant may propose an exploration area which includes two exploration logical mining units. The applicant should specify in the application if this "banking" option is chosen, and any applicant choosing this option and filing an application based on pre-enactment exploration under § 970.301

shall so notify the Administrator in accordance with § 970.301(g).

(e) Applicants are advised that NOAA will not accept an application or issue a license for an exploration area larger than 150,000 square kilometers unless the applicant can demonstrate the necessity of a larger area based on factors such as topography, nodule abundance, distribution and ore grade. If the applicant elects to pursue the "banking" option described in paragraph (d) of this section, and wishes to apply for an exploration area larger than 150,000 square kilometers, the applicant must file a second application with respect to at least the area in excess of 150,000 square kilometers, unless the applicant justifies such excess area as part of a single application under the preceding sentence.

[46 FR 45907, Sept. 15, 1981, as amended at 47 FR 5968, Feb. 9, 1982]

§ 970.602 Diligent exploration.

(a) Each licensee must pursue diligently the activities described in his approved exploration plan. This requirement applies to the full scope of the plan, including environmental safeguards and monitoring systems. To help assure this diligence, terms, conditions and restrictions which the Administrator issues with a license will require such periodic reasonable expenditures for exploration by the licensee as the Administrator may establish, taking into account the size of the area of the deep seabed to which the exploration plan applies and the amount of funds which is estimated by the Administrator to be required during exploration for commercial recovery of hard mineral resources to begin within the time limit established by the Administrator. However, such required expenditures will not be established at a level which would discourage exploration by persons with less costly technology than is prevalent in use.

(b) In order to fulfill the diligence requirement, the applicant first must propose to the Administrator an estimated schedule of activities and expenditures pursuant to § 970.203(b) (3) and (6). The schedule must show, and the Administrator must be able to make a reasonable determination, that

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the applicant can complete his exploration activities within the term of the license. In this regard, there must be a reasonable relationship between the size of the exploration area and the financial and technological resources reflected in the application. Also, the exploration must clearly point toward developing the ability, by the end of the 10-year license period, to apply for and obtain a permit for commercial recovery.

(c) Ultimately, the diligence requirement will involve a retrospective determination by the Administrator, based on the licensee's reasonable conformance to the approved exploration plan. Such determination, however, will take into account the need for some degree of flexibility in an exploration plan. It also will include consideration of the needs and stage of development of each licensee, again based on the approved exploration plan. In addition, the determination will take account of legitimate periods of time when there is no or very low expenditure, and will allow for a certain degree of flexibility for changes encountered by the licensee in such factors as its resource knowledge and financial considerations.

(d) In order for the Administrator to make determinations on a licensee's adherence to the diligence requirements, the licensee must submit a report annually reflecting his conformance to the schedule of activities and expenditures contained in the license. In case of any changes requiring a revision to an approved license and exploration plan, the licensee must advise the Administrator in accordance with § 970.513.

§ 970.603 Conservation of resources.

(a) With respect to the exploration phase of seabed mining, the requirement for the conservation of natural resources, encompassing due regard for the prevention of waste and the future opportunity for the commercial recovery of the unrecovered balance of the hard mineral resources in the area to which the license applies, may not be particularly relevant. Thus, since the Act requires such terms, conditions and restrictions only as needed, exploration licenses will require such provi-

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sions only as the Administrator deems necessary.

(b) NOAA views license phase mining system tests as an opportunity to examine, with industry, the conservation implications of any mining patterns used. Thus, in order to develop information needed for future decisions during commercial recovery, NOAA will include with a license a requirement for the submission of collector track and nodule production data. Only if information submitted reflects that the integrated system tests are resulting in undue waste or threatening the future opportunity for commercial recovery of the unrecovered balance of hard mineral resources will the Administrator modify the terms, conditions or restrictions pertaining to the conservation of natural resources, in order to address such problems.

(c) If the Administrator so modifies such terms, conditions and restrictions relating to conservation of resources, he will employ a balancing process in the consideration of the state of the technology being developed, the processing system utilized and the value and potential use of any waste, the environmental effects of the exploration activities, economic and resource data, and the national need for hard mineral resources.

Subpart G—Environmental Effects

SOURCE: 46 FR 45908, Sept. 15, 1981, unless otherwise noted.

§ 970.700 General.

Congress, in authorizing the exploration for hard mineral resources under the Act, also enacted provisions relating to the protection of the marine environment from the effects of exploration activities. For example, before the Administrator may issue a license, pursuant to section 105(a)(4) of the Act he must find that the exploration proposed in an application cannot reasonably be expected to result in a significant adverse effect on the quality of the environment. Also, the Act requires in section 109(b) that each license issued by the Administrator must contain such terms, conditions and restrictions which prescribe the actions the licensee must take in the

conduct of exploration activities to assure protection of the environment. Furthermore, the Act in section 105(c)(1)(B) provides for the modification by the Administrator of any term, condition or restriction if relevant data and other information indicates that modification is required to protect the quality of the environment. In addition, section 114 of the Act specifies that each license issued under the Act must require the licensee to monitor the environmental effects of the exploration activities in accordance with guidelines issued by the Administrator, and to submit such information as the Administrator finds to be necessary and appropriate to assess environmental impacts and to develop and evaluate possible methods of mitigating adverse environmental effects.

§ 970.701 Significant adverse environmental effects.

(a) *Activities with no significant impact.* NOAA believes that exploration activities of the type listed below are very similar or identical to activities considered in section 6(c)(3) of NOAA Directives Manual 02-10, and therefore have no potential for significant environmental impact, and will require no further environmental assessment.

(1) Gravity and magnetometric observations and measurements;

(2) Bottom and sub-bottom acoustic profiling or imaging without the use of explosives;

(3) Mineral sampling of a limited nature such as those using either core, grab or basket samplers;

(4) Water and biotic sampling, if the sampling does not adversely affect shellfish beds, marine mammals, or an endangered species, or if permitted by the National Marine Fisheries Service or another Federal agency;

(5) Meteorological observations and measurements, including the setting of instruments;

(6) Hydrographic and oceanographic observations and measurements, including the setting of instruments;

(7) Sampling by box core, small diameter core or grab sampler, to determine seabed geological or geotechnical properties;

(8) Television and still photographic observation and measurements;

(9) Shipboard mineral assaying and analysis; and

(10) Positioning systems, including bottom transponders and surface and subsurface buoys filed in *Notices to Mariners*.

(b) *Activities with potential impact.* (1) NOAA research has identified at-sea testing of recovery equipment and the operation of processing test facilities as activities which have some potential for significant environmental impacts during exploration. However, the research has revealed that only the following limited effects are expected to have potential for significant adverse environmental impact.

(2) The programmatic EIS's documents three at-sea effects of deep seabed mining which cumulatively during commercial recovery have the potential for significant effect. These three effects also occur during mining system tests that may be conducted under a license, but are expected to be insignificant. These include the following:

(i) *Destruction of benthos in and near the collector track.* Present information reflects that the impact from this effect during mining tests under exploration licenses will be extremely small.

(ii) *Blanketing of benthic fauna and dilution of food supply away from mine site subareas.* The settling of fine sediments disturbed by tests under a license of scale-model mining systems which simulate commercial recovery could adversely affect benthic fauna by blanketing, dilution of their food supply, or both. Because of the anticipated slow settling rate of the sediments, the affected area could be quite large. However, research results are insufficient to conclude that this will indeed be a problem.

(iii) *Surface plume effect on fish larvae.* The impact of demonstration-scale mining tests during exploration is expected to be insignificant.

(3) If processing facilities in the United States are planned to be used for testing during exploration, NOAA also will assess their impacts in the site-specific EIS developed for each license.

(c) *NOAA approach.* In making determinations on significant adverse environmental effects, the Administrator will draw on the above conclusions and

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other findings in NOAA's programmatic environmental statement and site-specific statements issued in accordance with the Act. He will issue licenses with terms, conditions and restrictions containing, as appropriate, environmental protection or mitigation requirements (pursuant to § 970.518) and monitoring requirements (pursuant to § 970.522). The focus of NOAA's environmental efforts will be on environmental research and on monitoring during mining tests to acquire more information on the environmental effects of deep seabed mining. If these efforts reveal that modification is required to protect the quality of the environment, NOAA then may modify terms, conditions and restrictions pursuant to § 970.512.

§ 970.702 Monitoring and mitigation of environmental effects.

(a) *Monitoring.* If an application is determined to be otherwise acceptable, the Administrator will specify an environmental monitoring plan as part of the terms, conditions and restrictions developed for each license. The plan will be based on the monitoring plan proposed by the applicant and reviewed by NOAA for completeness, accuracy and statistical reliability. This monitoring strategy will be devised to insure that the exploration activities do not deviate significantly from the approved exploration plan and to determine if the assessment of the plan's acceptability was sound. The monitoring plan, among other things, will include monitoring environmental parameters relating to verification of NOAA's findings concerning potential impacts, but relating mainly to the three unresolved concerns with the potential for significant environmental effect, as identified in § 970.701(b)(2). NOAA has developed a technical guidance document, which includes parameters pertaining to the upper and lower water column and operational aspects, which document will provide assistance in developing monitoring plans in consultation with applicants.

(b) *Mitigation.* Monitoring and continued research may develop information on future needs for mitigating environmental effects. If such needs are identi-

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fied, terms, conditions and restrictions can be modified appropriately.

Subpart H—Safety of Life and Property at Sea

§ 970.800 General.

The Act contains requirements, in the context of several decisions, that relate to assuring the safety of life and property at sea. For instance, before the Administrator may issue a license, section 105(a)(5) of the Act requires that he find that the proposed exploration will not pose an inordinate threat to the safety of life and property at sea. Also, under section 112(a) of the Act the Coast Guard, in consultation with NOAA, must require in any license or permit issued under the Act, in conformity with principles of international law, that vessels documented in the United States and used in activities authorized under the license comply with conditions regarding the design, construction, alteration, repair, equipment, operation, manning and maintenance relating to vessel and crew safety and the safety of life and property at sea. In addition, under section 105(c)(1)(B) of the Act, the Administrator may modify terms, conditions and restrictions for a license if required to promote the safety of life and property at sea.

[46 FR 45909, Sept. 15, 1981]

§ 970.801 Criteria for safety of life and property at sea.

Response to the safety at sea requirements in essence will involve vessel inspection requirements. These inspection requirements may be identified by reference to present laws and regulations. The primary inspection statutes pertaining to United States flag vessels are: 46 U.S.C. 86 (Loadlines); 46 U.S.C. 395 (Inspection of seagoing barges over 100 gross tons); 46 U.S.C. 367 (Inspection of sea-going motor vessels over 300 gross tons); and 46 U.S.C. 404 (Inspection of vessels above 15 gross tons carrying freight for hire). All United States flag vessels will be required to meet existing regulatory requirements applicable to such vessels. This includes the requirement for a current

valid Coast Guard Certificate of Inspection, as specified in § 970.205. Being United States flag, these vessels will be under United States jurisdiction on the high seas and subject to domestic enforcement procedures. With respect to foreign flag vessels, the SOLAS 74 or SOLAS 60 certificate requirements or alternative IACS requirements, as specified in § 970.205, apply.

[46 FR 45909, Sept. 15, 1981]

Subpart I—Miscellaneous

§ 970.900 Other applicable regulations.

The regulations in subparts H, I and J of 15 CFR part 971 are consolidated regulations and are applicable both to licenses under this part and to permits under 15 CFR part 971. The regulations in subparts H, I and J of part 971 govern records to be maintained and information to be submitted by licensees and permittees, public disclosure of documents received by NOAA, relinquishment and surrender of licenses and permits, amendment of regulations, competition of time, uniform hearing procedures, and enforcement under the Act.

[54 FR 548, Jan. 6, 1989]

Subparts J–W [Reserved]

Subpart X—Pre-enactment Exploration

§ 970.2401 Definitions.

(a) *Engage in exploration* means:

(1) To cause or authorize exploration to occur, including but not limited to a person's actions as a sponsor, principal, or purchaser of exploration services; or

(2) To conduct exploration on behalf of a person described in paragraph (a)(1) of this section.

(b) [Reserved]

[45 FR 76662, Nov. 20, 1980, as amended at 47 FR 5966, Feb. 9, 1982]

§ 970.2402 Notice of pre-enactment exploration.

(a) *General.* NOAA encourages any United States citizen who engaged in exploration for deep seabed hard mineral resources before June 28, 1980, to file not later than February 1, 1981, a

written notice with the Administrator, in care of: The Director, Office of Ocean Minerals and Energy, National Oceanic and Atmospheric Administration, Department of Commerce, Page Building 1, Suite 410, 2001 Wisconsin Avenue, NW., Washington, DC 20235. Such notice shall not constitute an application for a license or permit and shall not confer or confirm any priority of right to any site.

(b) *Content of pre-enactment exploration Notice.* If a notice of exploration commenced prior to June 28, 1980, is filed pursuant to paragraph (a) it should be in writing and include the following:

(1) Names, addresses, and telephone numbers of the United States citizens responsible for exploration operations to whom notices and orders are to be delivered;

(2) A description of the citizen or citizens engaging in such exploration including:

(i) Whether the citizen is a natural person, partnership, corporation, joint venture, or other form of association;

(ii) The state of incorporation of state in which the partnership or other business entity is registered;

(iii) The name of registered agent and places of business;

(iv) Certification of essential and non-proprietary provisions in articles of incorporation, charter, or articles of association; and

(v) Membership of the association, partnership, or joint venture, including information about the participation of partners and joint venturers, and/or ownership of stock.

(3) A general description of the exploration activities conducted prior to June 28, 1980, including:

(i) The approximate date that the citizen, or predecessor in interest, commenced exploration activities;

(ii) A general estimate of expenditures made on the exploration program prior to June 28, 1980;

(iii) A statement of whether the citizen intends to file an application for an exploration license pursuant to section 101(b)(1)(A) of the Act after NOAA issues regulations implementing section 103(a) of the Act; and

(iv) A statement of whether the citizen intends to continue to engage in

§ 970.2501

exploration as allowed by section 101(b) of the Act, pending a final determination on his application for an exploration license.

(c) *Exclusion of location information.* The information submitted in the notice of pre-enactment exploration required by this section shall *not* include the location of past or future exploration or prospective mine sites.

[45 FR 76662, Nov. 20, 1980]

Subpart Y—Pre-license Exploration

SOURCE: 45 FR 76662, Nov. 20, 1980, unless otherwise noted.

§ 970.2501 Notice of pre-license exploration voyages.

(a) *General.* Any United States citizen who schedules an exploration voyage to begin after November 20, 1980 shall file written notice with the Administrator which sets out:

(1) The name, address and telephone number of the citizen;

(2) The anticipated date of commencement of the voyage and its planned duration;

(3) The exploration activities to be carried out on the voyage, including a general description of the equipment and methods to be used, and an estimate of the anticipated extent of seabed disturbance and effluent discharge; and

(4) If the U.S. citizen has not filed a notice of pre-enactment exploration in accordance with § 970.2402, the information specified in § 970.2402(b).

(b) *When and where to file Notice of future exploration*—(1) *When.* (i) Except as allowed in paragraph (b)(2) of this section, the notice required by paragraph (a) of this section must be filed not later than 45 days prior to the date on which the exploration voyage is scheduled to begin.

(ii) With respect to filing of the information referred to in paragraph (a)(4) of this section, the filing dates specified in paragraph (b) of this section shall prevail over the date specified in § 970.2402(a).

(2) *Exception.* If an exploration voyage is scheduled to begin before January 5, 1981, the notice required by para-

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graph (a) of this section must be filed on or before December 22, 1980.

(3) *Where.* The notice required by paragraph (a) of this section must be filed in writing with the Administrator, at the address specified in § 970.2402(a) of this part.

§ 970.2502 Post voyage report.

Within 30 days of the conclusion of each exploration voyage, the United States citizen engaging in the voyage shall submit to NOAA a report containing any environmental data or information obtained during that voyage.

§ 970.2503 Suspension of exploration activities.

(a) The Administrator may issue an emergency order, either in writing or orally with written confirmation, requiring the immediate suspension of exploration activities or any particular exploration activity when, in his judgment, immediate suspension of such activity or activities is necessary to prevent a significant adverse effect on the environment. Upon receipt of notice of the emergency order, the United States citizen engaged in the exploration shall immediately cease the activity that is the subject of the emergency order. During any suspension NOAA will consult with the citizen engaged in the activity suspended concerning appropriate measures to remove the cause of suspension. A suspension may be rescinded at any time by written notice from the Administrator upon presentation of satisfactory evidence by the citizen that the activity will no longer threaten a significant adverse effect on the environment.

(b) [Reserved]

Subpart Z—Miscellaneous

§ 970.2601 Additional information.

Any United States citizen filing notice under § 970.2402 or § 970.2501 of this part shall provide such additional information as the Administrator may require as necessary and appropriate to implement section 101 of the Act.

[45 FR 76662, Nov. 20, 1980]

PART 971—DEEP SEABED MINING REGULATIONS FOR COMMERCIAL RECOVERY PERMITS

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AUTHORITY: 30 U.S.C. 1401 *et seq.*

SOURCE: 54 FR 525, Jan. 6, 1989, unless otherwise noted.

Subpart A—General

§ 971.100 Purpose.

The purpose of this part is to implement the responsibilities and authorities of the Administrator of the National Oceanic and Atmospheric Administration (NOAA) pursuant to Public Law 96-283, the Deep Seabed Hard Mineral Resources Act (the Act), to issue to eligible United States citizens permits for the commercial recovery of deep seabed hard minerals.

§ 971.101 Definitions.

For purposes of this part, the term

(a) *Act* means the Deep Seabed Hard Mineral Resources Act (Pub. L. 96-283; 94 Stat. 553; 30 U.S.C. 1401 *et seq.*);

(b) *Administrator* means the Administrator of the National Oceanic and Atmospheric Administration, or the Administrator's designee;

(c) *Affected State* means any State with a coastal zone management program approved under Section 306 of the Coastal Zone Management Act, as amended, where coastal zone land and water uses are affected by the issuance

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of a commercial recovery permit under the provisions of the Act or this part;

(d) *Applicant* means an applicant for a commercial recovery permit pursuant to the Act and this part; as used in subparts H, I and J of this part, "applicant" also means an applicant for an exploration license pursuant to the Act and part 970 of the title. "Applicant" also means a proposed permit transferee;

(e) *Commercial recovery* means—

(1) Any activity engaged in at sea to recover any hard mineral resource at a substantial rate for the primary purpose of marketing or commercially using such resource to earn a net profit, whether or not such net profit is actually earned;

(2) If such recovered hard mineral resource will be processed at sea, such processing; and

(3) If the waste of such activity to recover any hard mineral resource, or of such processing at sea, will be disposed of at sea, such disposal;

(f) *Continental Shelf* means—

(1) The seabed and subsoil of the submarine areas adjacent to the coast, but outside the area of the territorial sea, to a depth of 200 meters or, beyond that limit to where the depth of the superjacent waters admits of the exploitation of the natural resources of such submarine area; and

(2) The seabed and subsoil of similar submarine areas adjacent to the coast of islands;

(g) *Controlling interest*, for purposes of paragraph (v)(3) of this section, means a direct or indirect legal or beneficial interest in or influence over another person arising through ownership of capital stock, interlocking directorates or officers, contractual relations, or other similar means, which substantially affect the independent business behavior of such person;

(h) *Deep seabed* means the seabed, and the subsoil thereof to a depth of ten meters, lying seaward of and outside—

(1) The Continental Shelf of any nation; and

(2) Any area of national resource jurisdiction of any foreign nation, if such area extends beyond the Continental Shelf of such nation and such jurisdiction is recognized by the United States;

(i) *Environment* or *environmental* as used in the definitions of “irreparable harm” and “significant adverse environmental effect” means or pertains to the deep seabed and ocean waters lying at and within the permit area, and in surrounding areas including transportation corridors to the extent that they might be affected by the commercial recovery activities, and the living and non-living resources of those areas;

(j) *Exploration* means—

(1) Any at-sea observation and evaluation activity which has, as its objective, the establishment and documentation of—

(i) The nature, shape, concentration, location, and tenor of a hard mineral resource; and

(ii) The environmental, technical, and other appropriate factors which must be taken into account to achieve commercial recovery; and

(2) The taking from the deep seabed of such quantities of any hard mineral resource as are necessary for the design, fabrication and testing of equipment which is intended to be used in the commercial recovery and processing of such resource;

(k) *Hard mineral resource* means any deposit or accretion on, or just below, the surface of the deep seabed of nodules which include one or more minerals, at least one of which is manganese, nickel, cobalt, or copper;

(l) *Irreparable harm* means significant undesirable effects to the environment occurring after the date of the permit issuance which will not be reversed after cessation or modification of the activities authorized under the permit;

(m) *Licensee* means the holder of a license issued under NOAA regulations to engage in exploration;

(n) *NOAA* means the National Oceanic and Atmospheric Administration;

(o) *Permittee* means the holder of a permit issued or transferred under this part to engage in commercial recovery;

(p) *Person* means any United States citizen, any individual, and any corporation, partnership, joint venture, association, or other entity organized or existing under the laws of any nation;

(q) *Reciprocating state* means any foreign nation designated as such by the

Administrator under section 118 of the Act;

(r) *Recovery plan* or *commercial recovery plan* means the plan submitted by an applicant for a commercial recovery permit pursuant to § 971.203;

(s) *Significant adverse environmental effect* means: (1) Important adverse changes in ecosystem diversity, productivity, or stability of the biological communities within the environment; (2) threat to human health through direct exposure to pollutants or through consumption of exposed aquatic organisms; or (3) important loss of aesthetic, recreational, scientific or economic values;

(t) *State agency* means the agency responsible for implementing the responsibilities of section 306(c)(5) under the Coastal Zone Management Act, as amended, and 15 CFR part 930;

(u) *United States* means the several States, the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, the United States Virgin Islands, Guam, and any other Commonwealth, territory, or possession of the United States; and

(v) *United States citizen* means—

(1) Any individual who is a citizen of the United States;

(2) Any corporation, partnership, joint venture, association, or other entity organized or existing under the laws of any of the United States; and

(3) Any corporation, partnership, joint venture, association, or other entity (whether organized or existing under the laws of any of the United States or a foreign nation) if the controlling interest in such entity is held by an individual or entity described in paragraph (v)(1) or (v)(2).

§ 971.102 Nature of permits.

(a) A permit issued under this part authorizes the holder thereof to engage in commercial recovery within a specific portion of the sea floor consistent with the provisions of the Act and this part and consistent with the specific terms, conditions, and restrictions (TCRs) applied to the permit by the Administrator.

(b) A permit issued under this part is exclusive with respect to the holder thereof as against any other United States citizen or any citizen, national

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or governmental agency of, or any legal entity organized or existing under the laws of, any reciprocating state.

(c) A valid existing license under 15 CFR part 970 will entitle the holder, if otherwise eligible under the provisions of the Act and implementing regulations, to a permit for commercial recovery from an area selected from within the license area. Such a permit will recognize the right of the holder to recover hard mineral resources, and to own, transport, use, and sell hard mineral resources recovered under the permit and in accordance with the requirements of the Act and this part.

§ 971.103 Prohibited activities and restrictions.

(a) *Prohibited activities and exceptions.*

(1) No United States citizen may engage in any commercial recovery unless authorized to do so under—

(i) A permit issued pursuant to the Act and implementing regulations;

(ii) A license, permit or equivalent authorization issued by a reciprocating state; or

(iii) An international agreement which is in force with respect to the United States.

(2) The prohibitions of paragraph (a)(1) of this section do not apply to all of the following activities:

(i) Scientific research, including that concerning hard mineral resources;

(ii) Mapping, or the taking of any geophysical, geochemical, oceanographic, or atmospheric measurements or random bottom samplings of the deep seabed, if such taking does not significantly alter the surface or subsurface of the seabed or significantly affect the environment;

(iii) The design, construction, or testing of equipment and facilities which will or may be used for exploration or commercial recovery, if such design, construction or testing is conducted onshore, or does not involve the recovery of any but incidental hard mineral resources;

(iv) The furnishing of machinery, products, supplies, services, or materials for any exploration or commercial recovery conducted under a license or permit issued under the Act and implementing regulations, a license or permit or equivalent authorization issued

by a reciprocating state, or any relevant international agreement; and

(v) Activities, other than exploration or commercial recovery activities, of the Federal Government.

(3) No United States citizen may interfere or participate in interference with any activity conducted by any permittee which is authorized to be undertaken under a permit issued by the Administrator to a permittee under the Act or with any activity conducted by the holder of, and authorized to be undertaken under, a license or permit or equivalent authorization issued by a reciprocating state for the commercial recovery of hard mineral resources. For purposes of this section, interference includes physical interference with activities authorized by the Act, this part, and a license or permit issued pursuant thereto; the filing of a spurious claim in the United States or any other nation; and any other activity designed to harass, or which has the effect of harassing, persons conducting deep seabed mining activities authorized by law. Interference does not include the exercise of any superior rights granted to United States citizens by the Constitution of the United States, or any Federal or State law, treaty, or agreement or regulation promulgated pursuant thereto.

(4) United States citizens shall exercise their rights on the high seas with reasonable regard for the interests of other states in their exercise of the freedoms of the high seas.

(b) *Restrictions on issuance of permits.* The Administrator will not issue any permit—

(1) After the date on which any relevant international agreement is ratified by and enters into force with respect to the United States, except to the extent that issuance of the permit is not inconsistent with that agreement.

(2) The recovery plan of which, submitted pursuant to the Act and implementing regulations, would apply to an area to which applies, or would conflict with:

(i) Any exploration plan or recovery plan submitted with any pending application to which priority of right for issuance applies under 15 CFR part 970 or this part;

(ii) Any exploration plan or recovery plan associated with any existing license or permit; or

(iii) An equivalent authorization which has been issued, or for which formal notice of application has been submitted, by a reciprocating state prior to the filing date of any relevant application for licenses or permits pursuant to the Act and implementing regulations;

(3) Authorizing commercial recovery within any area of the deep seabed in which exploration is authorized under a valid existing license if such permit is issued to a person other than the licensee for such area;

(4) Which authorizes commercial recovery to commence before January 1, 1988;

(5) The recovery plan for which applies to any area of the deep seabed if, within the 3-year period before the date of application for that permit:

(i) The applicant therefor surrendered or relinquished such area under an exploration plan or recovery plan associated with a previous license or permit issued to such applicant; or

(ii) A permit previously issued to the applicant had an exploration plan or recovery plan which applied to such area and such license or permit was revoked under section 106 of the Act;

(6) Or approve the transfer of a permit, except to a United States citizen; or

(7) That would authorize commercial recovery activities in an area other than for which the applicant therefore holds a valid exploration license under part 970 of this title.

§ 971.104 OMB control number.

The information collection requirements and reporting and recordkeeping requirements contained in this part were approved by the Office of Management and Budget under control number 0648-0170.

Subpart B—Applications

§ 971.200 General.

(a) *Who may apply; how.* Any United States citizen holding a valid exploration license may apply to the Administrator for issuance of a commercial recovery permit for all or part of the

area to which the license applies. Any holder of a commercial recovery permit may apply to the Administrator for transfer of the permit. Applications must be submitted in the form and manner described in this subpart.

(b) *Place, form and copies.* An application for the issuance or transfer of a commercial recovery permit must be in writing, verified and signed by an authorized officer or other authorized representative of the applicant. The application and 25 copies thereof must be submitted to:

Ocean Minerals and Energy Division, Office of Ocean and Coastal Resource Management, National Oceanic and Atmospheric Administration, Suite 710, 1825 Connecticut Avenue, NW., Washington, DC 20235.

The Administrator may waive in whole or in part, at his discretion, the requirement that 25 copies of an application be filed with NOAA.

(c) *General contents.* The application must contain a proposed commercial recovery plan and the financial, technical, environmental and other information specified in this part, which in total are necessary for the Administrator to make the determinations required by the Act and this part. Although the ultimate standards for determinations under these rules are identical for both transferees and original preexisting licensees, NOAA anticipates that applicants who are transferees will have to supply more information with the application than licensees will [see subsection (e) in this section].

(d) *Identification of requirements.* Each portion of the application should identify the requirements of this part to which it responds.

(e) *Information previously submitted in connection with an exploration license.* Information previously submitted as part of an exploration license application, as well as information submitted during the course of license activities (such as data included in annual reports to NOAA), may be incorporated in the commercial recovery permit application by reference.

(f) *Request for confidential treatment of information.* If an applicant wishes to have any information in its application not be subject to public disclosure, it

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must so request, at the time of submitting the information, pursuant to § 971.802 which will govern disposition of the request.

(g) *Pre-application consultation.* The Administrator will make NOAA staff available to potential applicants for pre-application consultations on how to respond to the provisions of this part. In appropriate circumstances, the Administrator will provide written confirmation to the applicant of oral guidance resulting from such consultations. Such consultation is required for the purpose of § 971.207. The applicant is encouraged to consult with affected States as early as is practicable [see also §§ 971.213 and 971.606(b)].

(h) *Compliance with Federal consistency requirements.* An applicant for a commercial recovery permit must comply with all necessary requirements, including procedures, pursuant to 15 CFR part 930, subpart D. Applications and other necessary data and information must be transmitted to the designated State agency as prescribed under 15 CFR 930.50.

CONTENTS

§ 971.201 Statement of financial resources.

(a) *General.* The application must contain information sufficient to demonstrate to the Administrator pursuant to § 971.301 that, upon issuance or transfer of the permit, the applicant will have access to the financial resources to carry out, in accordance with this part, the commercial recovery program set forth in the applicant's commercial recovery plan.

(b) *Specific.* In particular, the information on financial resources is expected to be general in nature but must include the likely sources and timing of funds to meet the applicant's scheduled expenditures in the recovery plan. These sources may include cash flow, reserves, and outside funding.

§ 971.202 Statement of technological experience and capabilities.

(a) *General.* The application must contain information sufficient to demonstrate to the Administrator pursuant to § 971.301 that, upon issuance or transfer of the permit, the applicant will

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have the technological capability to carry out, in accordance with the regulations contained in this part, the commercial recovery program set out in the applicant's commercial recovery plan.

(b) *Specific.* In particular, the information submitted pursuant to this section must describe the equipment, knowledge, and skills the applicant possesses, or to which it can demonstrate access [see § 971.200(e)]. The information must include:

(1) A description of the technology or the equipment and methods to be used by the applicant in carrying out each step in the mining process, including nodule collection, retrieval, transfer to ship, environmental monitoring, transport to processing facilities, nodule processing, waste disposal and compliance with applicable water quality standards. The description must include:

(i) An analysis of the performance of experimental systems, sub-systems, or analogous machinery;

(ii) The rationale for extrapolating from test results to commercial mining. The more test data offered with the application the less analysis will be expected; and

(iii) Anticipated system reliability within the context of anticipated production time lost through equipment failure.

(2) A functional description of the types of technical persons on whom the applicant will rely to operate its equipment.

§ 971.203 Commercial recovery plan.

(a) *General.* The application must include a proposed commercial recovery plan which describes the applicant's projected commercial recovery activities, in a general way, for the twenty year period to be covered by the proposed permit. Although preliminary and subject to change, the plan must be more detailed for that portion of the permit term leading up to the initiation of commercial recovery. The plan must include sufficient information for the Administrator, pursuant to this part, to make the necessary determinations pertaining to the certification and issuance or transfer of a permit

and to the development and enforcement of the TCRs for a permit.

(b) *Specific.* The plan must include:

(1) A description of the activities proposed to be carried out during the period of the permit;

(2) The intended schedule of commercial recovery (see "Diligent commercial recovery," § 971.503);

(3) Environmental safeguards and monitoring systems, which must take into account requirements under subpart F of this part, including best available technologies (BAT) (§ 971.604) and monitoring (§ 971.603);

(4) Details of the area or areas proposed for commercial recovery, which meet requirements for diligence (§ 971.503) and conservation of resources pursuant to subpart E (especially § 971.502);

(5) A resource assessment of the area or areas proposed for commercial recovery which meets the requirements for resource assessment and logical mining unit (§ 971.501);

(6) A description of the methods and technology to be used for commercial recovery and processing (see § 971.202(b)(1)); and

(7) The methods to be used for disposal of wastes from recovery and processing, including the areas for disposal and identification of any toxic substances in wastes.

§ 971.204 Environmental and use conflict analysis.

(a) *Environmental information submission.* The application must be supported by sufficient marine environmental information for the Administrator to prepare an environmental impact statement (EIS) on the proposed mining activities, and to determine the appropriate permit TCRs based on environmental characteristics of the requested minesite. The Administrator may require the submission of additional data, in the event he determines that the basis for a suitable EIS, or a determination of appropriate TCRs, is not available.

(b)(1) In preparing the EIS, the Administrator will attempt to characterize the environment in such a way as to provide a basis for judging the potential for significant adverse effects or irreparable harm triggered by com-

mercial mining (see subpart F). In compiling these data, the Administrator will utilize existing information including the relevant license EIS, additional exploration data acquired by the applicant, and other data in the public domain.

(2) The EIS must present adequate physical, chemical, and biological information for the permit area. If the permit area lies within the area of NOAA's Deep Ocean Mining Environmental Study (DOMES), the parameters listed in NOAA's Technical Guidance Document pertaining to the upper and lower water column should be included. Specifically, these parameters include:

(i) Upper water column—

- Nutrients
- Endangered species
- Salinity, temperature, density
- Currents.

(ii) Lower water column and seafloor—

- Currents
- Suspended particulate matter dispersion
- Sediment characteristics (mineralogy, particle size, shape and density, and water content)
- Topography
- Benthos.

(3) For a permit area outside the DOMES area, the applicant is encouraged to consult with NOAA at the earliest opportunity in order to determine the specific parameters to be measured based on the location and specific environmental characteristics of the permit area. The Administrator, in consultation with the Administrator of the Environmental Protection Agency and with the assistance of other appropriate Federal agencies, may determine that a programmatic EIS is required for any new area.

(c) The application must include a monitoring plan for test mining and at-sea commercial recovery activities which meets the objectives and requirements of § 971.603.

(d) *Use conflict analysis.* The application must include information known to the applicant on other uses of the proposed mining area to support the Administrator's determination regarding potential use conflicts between commercial mining activities and

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those activities of other nations or of other U.S. citizens.

(e) *Onshore information.* Because of NEPA requirements, the Administrator must include in the EIS on the proposed permit the complete spectrum of activities resulting from the issuance of a permit. Therefore, onshore information including the location and operation of nodule processing facilities must be submitted with the application in accordance with the details in § 971.606.

§ 971.205 Vessel safety and documentation.

In order to provide a basis for the necessary determinations with respect to the safety of life and property at sea, pursuant to § 971.407, § 971.422 and Subpart G of this part, the application must contain the following information for vessels used in commercial recovery, except for those vessels under 300 gross tons which are engaged in oceanographic research:

(a) *U.S. flag vessel.* All mining ships and at least one of the transport ships used by each permittee must be documented under the laws of the United States. To the extent that the applicant knows which United States flag vessels it will use, it must include with its application copies of the vessels' current valid Coast Guard Certificates of Inspection.

(b) *Foreign flag vessels.* To the extent that the applicant knows which foreign flag vessel(s) it will be using for other purposes, the application must include evidence of the following:

(1) That any foreign flag vessel whose flag state is party to the International Convention for the Safety of Life at Sea, 1974 (SOLAS 74) possesses current valid SOLAS 74 certificates;

(2) That any foreign flag vessel whose flag state is not party to SOLAS 74 but is party to the International Convention for the Safety of Life at Sea, 1960 (SOLAS 60) possesses current valid SOLAS 60 certificates; and

(3) That any foreign flag vessel whose flag state is not a party to either SOLAS 74 or SOLAS 60 meets all applicable structural and safety requirements contained in the published rules of a member of the International Association of Classification Societies

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(IACS).

(c) *Supplemental certificates.* If the applicant does not know at the time of submitting an application which vessels it will be using, it must submit the applicable certification for each vessel before the cruise on which it will be used.

§ 971.206 Statement of ownership.

(a) *General.* The application must include sufficient information to demonstrate that the applicant is a United States citizen.

(b) *Specific.* In particular, the application must include:

(1) Name, address, and telephone number of the United States citizen responsible for commercial recovery operations;

(2) A description of the citizen or citizens engaging in commercial recovery, including:

(i) Whether the citizen is a natural person, partnership, corporation, joint venture, or other form of association;

(ii) The state of incorporation or state in which the partnership or other business entity is registered;

(iii) The name and place of business of the registered agent or equivalent representative to whom notices and orders are to be delivered;

(iv) Copies of all essential and non-proprietary provisions in articles of incorporation, charter or articles of association; and

(v) The name of each member of the association, partnership, or joint venture, including information about the participation and/or ownership of stock of each partner or joint venturer.

§ 971.207 Antitrust information.

In order to support the antitrust review referenced in § 971.211, the application must contain information sufficient, in the applicant's view and based on preapplication consultations pursuant to § 971.200(g), to identify the applicant and describe any significant existing market share it has with respect to the mining or marketing of the metals proposed to be recovered under the permit.

§971.208 Fee.

(a) *General.* Section 104 of the Act provides that no application for the issuance or transfer of a permit will be certified unless the applicant pays to NOAA an administrative fee which reflects the reasonable administrative costs incurred in reviewing and processing the application.

(b) *Amount.* A fee payment of \$100,000, payable to the National Oceanic and Atmospheric Administration, Department of Commerce, must accompany each application. If the administrative costs of reviewing and processing the application are significantly less than or in excess of \$100,000, the Administrator, after determining the amount of the under- or over-charge, as applicable, will refund the difference or require the applicant to pay the additional amount before issuance or transfer of the permit. In the case of an application for transfer of a permit to, or for a significant change to a permit held by, an entity which has previously been found qualified for a permit, the Administrator may reduce the fee in advance by an appropriate amount which reflects costs avoided by reliance on previous findings made in relation to the proposed transferee.

§971.209 Processing outside the United States.

(a) Except as provided in this section and §971.408, the processing of hard minerals recovered pursuant to a permit shall be conducted within the U.S., provided that the President or his designee does not determine that this restriction contravenes the overriding national interests of the United States.

(b) If foreign processing is proposed, the applicant shall submit a justification demonstrating the basis for a finding pursuant to §971.408(a)(1). The justification shall include an analysis of each factor which the applicant considers essential to its conclusion that processing at a site within the U.S. is not economically viable.

(c) If the Administrator determines that the justification provided by the applicant is insufficient, or if the Administrator receives during the public comment or hearing period what the Administrator determines to be a serious alternative U.S. processing site

proposal, the Administrator may require the applicant to supply, within a specified reasonable time, additional information relevant to the §971.408(a)(1) finding.

(d) The applicant must include in its application satisfactory assurances that such resources after processing, to the extent of the permittee's ownership therein, will be returned to the United States for domestic use if the Administrator determines pursuant to §971.408 that the national interest necessitates such return. Assurances must include proposed arrangements with the host country.

PROCEDURES

§971.210 Determination whether application is complete for further processing.

Upon receipt of an application, the Administrator will review it to determine whether it includes information specifically identifiable with and fully responsive to each requirement in §971.201 through §971.209. The Administrator will notify the applicant whether the application is complete within 60 days after it is received. The notice will identify, if applicable, in what respects the application is not complete, and will specify the information which the applicant must submit in order to make it complete, why the additional information is necessary, and a reasonable date by which the application must be completed. Application processing will not begin until the Administrator determines that the application is complete.

§971.211 Consultation and cooperation with Federal agencies.

(a) Promptly after receipt of an application that the Administrator has determined pursuant to §971.210 is complete, the Administrator will distribute a copy of the application to every Federal agency or department which, pursuant to section 103(e) of the Act, has identified programs or activities within its statutory responsibilities which would be affected by the activities proposed in the application (e.g., the Departments of State, Transportation, Justice, Interior, Defense, Treasury and Labor, as well as the Environmental Protection Agency, Federal

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Trade Commission, International Trade Administration and National Science Foundation). Based on its legal responsibilities and authorities, each such agency or department may, not later than 60 days after it receives a copy of the application, recommend certification of the application, issuance or transfer of the permit, or denial of such certification, issuance or transfer. The advice or recommendation by the Attorney General or Federal Trade Commission on antitrust review, pursuant to section 103(d) of the Act, must be submitted within 90 days after their receipt of a copy of the application.

(b) NOAA will use this process of consultation and cooperation to facilitate necessary Federal decisions on proposed commercial recovery activities, pursuant to the mandate of section 103(e) of the Act to reduce the number of separate actions required to satisfy Federal agencies' statutory responsibilities. The Administrator will not issue or transfer the permit during the 90 day period after receipt by the Attorney General and the Federal Trade Commission except upon written confirmation of the Attorney General and the Federal Trade Commission that neither intends to submit further comments or recommendations with respect to the application.

(c) In any case in which a Federal agency or department recommends a denial, it must set forth in detail the manner in which the application does not comply with any law or regulation within its area of responsibility and how the application may be amended, or how TCRs might be added to the permit, to assure compliance with such law or regulation.

(d) NOAA will cooperate with such agencies and with the applicant with the goal of resolving any concerns raised and satisfying the statutory responsibilities of these agencies.

(e) If the Administrator decides to issue or transfer a permit with respect to which denial of the issuance or transfer has been recommended by the Attorney General or the Federal Trade Commission, or to issue or transfer a permit without imposing TCRs recommended by the Attorney General or the Federal Trade Commission, as ap-

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propriate, the Administrator will, before or at issuance or transfer of the permit, notify the Attorney General and the Federal Trade Commission of the reasons for his decision.

§971.212 Public notice, hearing and comment.

(a) *Notice and comments.* The Administrator will publish in the FEDERAL REGISTER, for each complete application for issuance or transfer of a commercial recovery permit, notice that the application has been received. Subject to §971.802, interested persons will be allowed to examine the materials relevant to the application, and will have at least 60 days after publication of notice to submit written comments to the Administrator.

(b) *Hearings.* After preparation of the draft environmental impact statement (EIS) on an application, the Administrator will hold a public hearing on the application and the draft EIS in an appropriate location and may employ additional methods he/she deems appropriate to inform interested persons about each application and to invite comments thereon. A hearing will be conducted in any State in which a processing plant or any of its ancillary facilities (such as a marine terminal or a waste disposal facility) are proposed to be located.

(c) If the Administrator determines there exist one or more specific and material factual issues which require resolution by formal processes, at least one formal hearing will be held in the District of Columbia metropolitan area in accordance with the provisions of Subpart I of this part. The record developed in any such formal hearing will be part of the basis of the Administrator's decisions on an application.

(d) Hearings held pursuant to this section and other procedures will be consolidated, if practicable, with hearings held and procedures employed by other Federal and State agencies.

§971.213 Amendment to an application.

After an application has been submitted to the Administrator, but before a determination is made on the issuance or transfer of a permit, the applicant must submit an amendment

to the application if there is a significant change in the circumstances represented in the original application which affects the requirements of this subpart. Applicants should consult with NOAA to determine if changes in circumstances are sufficiently significant to require submission of an amendment. The application, as amended, would then serve as the basis for determinations by the Administrator under this part. For each amendment judged by the Administrator to be significant, the Administrator will provide a copy of that amendment to each other Federal agency and department which received a copy of the original application, and also will provide for public notice, hearing and comment on the amendment pursuant to § 971.212. After the issuance or transfer of a permit, any revision of the permit will be made pursuant to § 971.413. Any amendment or modification which would cause coastal zone effects substantially different than those originally reviewed by the state agency would be subject to Federal consistency review as prescribed in 15 CFR part 930.

§ 971.214 Consolidated license and permit procedures. [Reserved]

Subpart C—Certification of Applications

§ 971.300 General.

(a) Certification is an intermediate step between receipt of an application for issuance or transfer of a permit and actual issuance or transfer. It is a determination which focuses on the eligibility of the applicant.

(b) Before the Administrator may certify an application for issuance or transfer of a permit, the Administrator must determine that issuance of the permit would not violate any of the restrictions in § 971.103(b). The Administrator also must make written determinations with respect to the requirements with respect to the requirements set forth in § 971.301.

(c) To the maximum extent possible, the Administrator will endeavor to complete certification within 100 days after receipt of a complete application. If final certification or denial of cer-

tification has not occurred within 100 days after receipt of the application, the Administrator will inform the applicant in writing of the pending unresolved issues, the efforts to resolve them, and an estimate of the time required to do so.

§ 971.301 Required findings.

Before the Administrator may certify an application for a commercial recovery permit, the Administrator must:

(a) Approve the size and location of the commercial recovery area selected by the applicant, and this approval will occur unless the Administrator determines that (1) the area is not a logical mining unit under § 971.501, or (2) commercial recovery activities in the proposed area would result in a significant adverse environmental effect which cannot be avoided by imposition of reasonable restrictions; and

(b) Find that the applicant—

(1) Has demonstrated that, upon issuance or transfer of the permit, the applicant will be financially responsible to meet all obligations which may be required to engage in its proposed commercial recovery activities;

(2) Has demonstrated that, upon permit issuance or transfer, it will possess, or have access to, the technological capability to engage in the proposed commercial recovery;

(3) Has satisfactorily fulfilled all past obligations under any license or permit previously issued or transferred to the applicant under the Act;

(4) Has a commercial recovery plan which meets the requirements of § 971.203; and

(5) Has paid the permit fee specified in § 971.208.

§ 971.302 Denial of certification.

(a) The Administrator may deny certification of an application if the Administrator finds that the requirements of this subpart, or the requirements for issuance or transfer under § 971.403 through § 971.408, have not been met.

(b) When the Administrator proposes to deny certification the Administrator will send to the applicant, via certified mail, return receipt requested, and

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publish in the FEDERAL REGISTER, written notice of intention to deny certification. The notice will include:

(1) The basis upon which the Administrator proposes to deny certification; and

(2) If the basis for the proposed denial is a deficiency which the Administrator believes the applicant can correct:

(i) The action believed necessary to correct the deficiency; and

(ii) The time within which any correctable deficiency must be corrected (not to exceed 180 days except as specified by the Administrator for good cause).

(c) The Administrator will deny certification:

(1) On the 30th day after the date the notice is received by the applicant, under paragraph (b) of the section, unless before the 30th day the applicant files with the Administrator a written request for an administrative review of the proposed denial; or

(2) On the last day of the period established under paragraph (b)(2)(ii) in which the applicant must correct a deficiency, if that deficiency has not been corrected before that day and an administrative review requested pursuant to paragraph (c)(1) is not pending or in progress.

(d) If a timely request for administrative review of the proposed denial is made by the applicant under paragraph (c)(1) of this section, the Administrator will promptly begin a formal hearing. If the proposed denial is the result of a correctable deficiency, the administrative review will proceed concurrently with any attempts to correct the deficiency, unless the parties agree otherwise or the administrative law judge orders differently.

(e) If the Administrator denies certification, he will send to the applicant written notice of the denial, including the reasons therefor.

(f) Any final determination by the Administrator granting or denying certification is subject to judicial review as provided in chapter 7 of title 5, United States Code.

§ 971.303 Notice of certification.

Upon making a final determination to certify an application for a commer-

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cial recovery permit, the Administrator will promptly send written notice of the determination to the applicant.

Subpart D—Issuance/Transfer: Terms, Conditions and Restrictions

§ 971.400 General.

(a) *Proposal.* After certification of an application pursuant to subpart C of this part, the Administrator will proceed with a proposal to issue or transfer a permit for the commercial recovery activities described in the application.

(b) *Terms conditions and restrictions.*

(1) Within 180 days after certification (or such longer period as the Administrator may establish for good cause shown in writing), the Administrator will propose terms and conditions for, and restrictions on, the proposed commercial recovery which are consistent with the provisions of the Act and this part as set forth in §§ 971.418 through 971.430. Proposed and final TCRs will be uniform in all permits, except to the extent that differing physical and environmental conditions and/or mining methods require the establishment of special TCRs for the conservation of natural resources, protection of the environment, or the safety of life and property at sea. The Administrator will propose TCRs in writing to the applicant, and public notice thereof will be provided pursuant to § 971.401. The proposed TCRs will be included with the draft of the EIS on permit issuance.

(2) If the Administrator does not propose TCRs within 180 days after certification, the Administrator will notify the applicant in writing of the reasons for delay and of the approximate date on which the proposed TCRs will be completed.

(c) *Findings.* Before issuing or transferring a commercial recovery permit, the Administrator must make written findings in accordance with the requirements of § 971.403 through § 971.408. These findings will be made after considering all information submitted with respect to the application and proposed issuance or transfer. The Administrator will make a final determination of issuance or transfer of a

permit, and will publish a final EIS on that action, within 180 days (or such longer period of time as the Administrator may establish for good cause shown in writing) following the date on which proposed TCRs and the draft EIS are published.

ISSUANCE/TRANSFER, MODIFICATION/
REVISION; SUSPENSION/REVOCATION

§ 971.401 Proposal to issue or transfer and proposed terms, conditions and restrictions.

(a) *Notice and comment.* The Administrator will publish in the FEDERAL REGISTER notice of each proposal to issue or transfer, including notice of a draft EIS, and of proposed terms and conditions for, and restrictions on, a commercial recovery permit that will be included with the draft EIS [see § 971.400(b)]. Subject to § 971.802, interested persons will be permitted to examine the materials relevant to such proposals. Interested persons and affected States will have at least 60 days after publication of such notice to submit written comments to the Administrator.

(b) *Hearings.* (1) The Administrator will hold the public hearing(s) required by § 971.212(b) in an appropriate location and may employ such additional methods as he deems appropriate to inform interested persons about each proposal and to invite their comments thereon. A copy of the notice and draft EIS will be provided to the affected State agency. Information provided by NOAA may be used to supplement information provided by the applicant, however it will not affect schedules for State agency review and decisions with respect to consistency determinations as required in 15 CFR part 930, subpart D.

(2) If the Administrator determines there exist one or more specific and material factual issues which require resolution by formal processes, at least one formal hearing, which may be consolidated with a hearing held by another agency, will be held in the District of Columbia metropolitan area in accordance with the provisions of subpart I of this part. The record developed in any such formal hearing will be part of the basis for the Administra-

tor's decisions on issuance or transfer of, and on TCRs for, the permit.

§ 971.402 Consultation and cooperation with Federal and State agencies.

Before issuance or transfer of a commercial recovery permit, the Administrator will conclude any consultations in cooperation with other Federal and State agencies which were initiated pursuant to §§ 971.211 and 971.200(g). These consultations will be held to assure compliance with, as applicable and among other statutes, the Endangered Species Act of 1973, as amended, the Marine Mammal Protection Act of 1972, as amended, the Fish and Wildlife Coordination Act, and the Coastal Zone Management Act of 1972, as amended. The Administrator also will consult, before any issuance, transfer, modification or renewal of a permit, with any affected Regional Fishery Management Council established pursuant to section 302 of the Magnuson Fishery Conservation and Management Act of 1976 (16 U.S.C. 1852) if the activities undertaken pursuant to the permit could adversely affect any fishery within the Fishery Conservation Zone (now known as the Exclusive Economic Zone), or any anadromous species or Continental Shelf fishery resource subject to the exclusive management authority of the United States beyond that zone.

§ 971.403 Freedom of the high seas.

(a) Before issuing or transferring a commercial recovery permit, the Administrator must find the recovery proposed in the application will not unreasonably interfere with the exercise of the freedoms of the high seas by other nations, as recognized under general principles of international law.

(b) In making this finding, the Administrator will recognize that commercial recovery of hard mineral resources of the deep seabed is a freedom of the high seas. In the exercise of this right, each permittee shall act with reasonable regard for the interests of other nations in their exercise of the freedoms of the high seas.

(c)(1) In the event of a conflict between the commercial recovery program of an applicant or permittee and

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a competing use of the high seas by another nation or its nationals, the Administrator, in consultation and cooperation with the Department of State and other interested agencies, will enter into negotiations with that nation to resolve the conflict. To the maximum extent possible the Administrator will endeavor to resolve the conflict in a manner that will allow both uses to take place such that neither will unreasonably interfere with the other.

(2) If both uses cannot be conducted harmoniously in the area subject to the recovery plan, the Administrator will decide whether to issue or transfer the permit.

§971.404 International obligations of the United States.

Before issuing or transferring a commercial recovery permit, the Administrator must find that the commercial recovery proposed in the application will not conflict with any international obligation of the United States established by any treaty or international convention in force with respect to the United States.

§971.405 Breach of international peace and security involving armed conflict.

Before issuing or transferring a commercial recovery permit, the Administrator must find that the recovery proposed in the application will not create a situation which may reasonably be expected to lead to a breach of international peace and security involving armed conflict.

§971.406 Environmental effects.

Before issuing or transferring a commercial recovery permit, the Administrator must find that the commercial recovery proposed in the application cannot reasonably be expected to result in a significant adverse environmental effect, taking into account the analyses and information in any applicable EIS and any TCRs associated with the permit. This finding also will be based upon the requirements in subpart F. However, as also noted in subpart F, if a determination on this question cannot be made on the basis of available information, and it is found

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that irreparable harm will not occur during a period when an approved monitoring program is undertaken to further examine the significant adverse environmental effect issue, a permit may be granted, subject to modification or suspension and, if necessary and appropriate, revocation pursuant to §971.417(a), or subject to emergency suspension pursuant to §971.417(h).

§971.407 Safety at sea.

Before issuing or transferring a commercial recovery permit, the Administrator must find that the commercial recovery proposed in the application will not pose an inordinate threat to the safety of life and property at sea. This finding will be based on the requirements in §971.205 and subpart G.

§971.408 Processing outside the United States.

(a) Before issuing or transferring a commercial recovery permit which authorizes processing outside the U.S., the Administrator must find, after the opportunity for an agency hearing required by §971.212(b), that:

(1) The processing of the quantity concerned of hard mineral resource at a place other than within the United States is necessary for the economic viability of the commercial recovery activities of the permittee; and

(2) Satisfactory assurances have been given by the permittee that such resources, after processing, to the extent of the permittee's ownership therein, will be returned to the United States for domestic use, if the Administrator so requires after determining that the national interest necessitates such return.

(b) At or after permit issuance the Administrator may determine, or revise a prior determination, that the national interest necessitates return to the U.S. of a specified amount of hard mineral resource recovered pursuant to the permit and authorized to be processed outside the United States. Considerations in making this determination may include:

(1) The national interest in an adequate supply of minerals;

(2) The foreign policy interests of the United States; and

(3) The multi-national character of deep seabed mining operations.

(c) As appropriate, TCRs will incorporate provisions to implement the decision of the Administrator made pursuant to this section.

(d) Environmental considerations of the proposed activity will be addressed in accordance with §971.606(c).

§971.409 Denial of issuance or transfer.

(a) The Administrator may deny issuance or transfer of a permit if he finds that the applicant or the proposed commercial recovery activities do not meet the requirements of this part for the issuance or transfer of a permit.

(b) When the Administrator proposes to deny issuance or transfer, he will send to the applicant, via certified mail, return receipt requested, and publish in the FEDERAL REGISTER, written notice of his intention to deny issuance or transfer. The notice will include:

(1) The basis upon which the Administrator proposes to deny issuance or transfer; and

(2) If the basis for the proposed denial is a deficiency which the Administrator believes the applicant can correct:

(i) The action believed necessary to correct the deficiency; and

(ii) The time within which any correctable deficiency must be corrected (not to exceed 180 days except as specified by the Administrator for good cause).

(c) The Administrator will deny issuance or transfer:

(1) On the 30th day after the date the notice is received by the applicant under paragraph (b) of this section, unless before the 30th day the applicant files with the Administrator a written request for an administrative review of the proposed denial; or

(2) On the last day of the period established under paragraph (b)(2)(ii) in which the applicant must correct a deficiency, if the deficiency has not been corrected before that day and an administrative review requested pursuant to paragraph (c)(1) is not pending or in progress.

(d) If a timely request for administrative review of the proposed denial is made by the applicant under paragraph (c)(1) of this section, the Administrator will promptly begin a formal hearing in accordance with subpart I. If the proposed denial is the result of a correctable deficiency, the administrative review will proceed concurrently with any attempt to correct the deficiency, unless the parties agree otherwise or the administrative law judge orders differently.

(e) If the Administrator denies issuance or transfer, the Administrator will send to the applicant written notice of final denial, including the reasons therefor.

(f) Any final determination by the Administrator granting or denying issuance or transfer of a permit is subject to judicial review as provided in chapter 7 of title 5, United States Code.

§971.410 Notice of issuance or transfer.

If the Administrator finds that the requirements of this subpart have been met, he will issue or transfer the permit along with the appropriate TCRs. Notice of issuance or transfer will be made in writing to the applicant and published in the FEDERAL REGISTER.

§971.411 Objections to terms, conditions and restrictions.

(a) The permittee may file a notice of objection to any TCR in the permit. The permittee may object on the grounds that any TCR is inconsistent with the Act or this part, or on any other grounds which may be raised under applicable provisions of law. If the permittee does not file notice of an objection within the 60-day period immediately following the permittee's receipt of the notice of issuance or transfer under §971.410, the permittee will be deemed conclusively to have accepted the TCRs in the permit.

(b) Any notice of objection filed under paragraph (a) of this section must be in writing, must indicate the legal or factual basis for the objection, and must provide information relevant to any underlying factual issues deemed by the permittee as necessary to the Administrator's decision upon the objection.

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(c) Within 90 days after receipt of the notice of objection, the Administrator will act on the objection and publish in the FEDERAL REGISTER, as well as provide to the permittee, written notice of the decision.

(d) If, after the Administrator takes final action on an objection, the permittee demonstrates that a dispute remains on a material issue of fact, the Administrator will provide for a formal hearing which will proceed in accordance with Subpart I of this part.

(e) Any final determination by the Administrator on an objection to TCRs in a permit, after the formal hearing provided in paragraph (d), is subject to judicial review as provided in chapter 7 of title 5, United States Code.

§971.412 Changes in permits and permit terms, conditions, and restrictions.

(a) During the duration of a commercial recovery permit, changes in the permit or its associated commercial recovery plan may be initiated by either the permittee or the Administrator.

(b) A significant change is one which, if approved, would result in:

(1) An increase of more than five percent in the size of the commercial recovery area; or

(2) A change in the location of five percent or more of the commercial recovery area.

(c) A major change is one affecting one or more of:

(1) The bases for certifying the original application pursuant to §971.301;

(2) The bases for issuing or transferring the permit pursuant to §971.403 through §971.408;

(3) The TCRs issued as part of the permit pursuant to §§971.418 through 971.430; or

(4) The ownership of a permittee (or the membership of the joint venture, partnership or other entity on whose behalf the permit was issued); and which change is sufficiently broad in scope to raise a question as to:

(i) The permittee's ability to meet the requirements of the sections cited in paragraphs (c)(1) and (2) of this section;

(ii) The sufficiency of the TCRs to accomplish their intended purpose; or

(iii) The antitrust characteristic of the permittee.

(d) A minor change is one that is clearly more modest in scope than the changes described in paragraph (b) or (c) of this section.

(e) A permittee may not implement a significant or major change, as defined in paragraphs (b) and (c) of this section, until an application for revision of the permit or its associated commercial recovery plan has been approved by the Administrator. However, advance notice of proposed major changes in a permittee's corporate membership or legal structure is not required, unless practicable, but the Administrator expects prompt notification of the occurrence of such a major change.

(f) A proposed significant or major change, as defined in paragraphs (b) and (c) of this section, may trigger the need for additional review, under the Federal consistency provisions of the Coastal Zone Management Act of 1972, as amended.

§971.413 Revision of a permit.

(a) During the term of a commercial recovery permit, the permittee may submit to the Administrator an application for a revision of the permit or the commercial recovery plan associated with it to accommodate changes desired by the permittee. In some cases it may be advisable to recognize at the time of filing the original permit application that, although the essential information for issuing or transferring a permit as specified in §971.201 through §971.209 must be included in such application, some details may have to be provided in the future in the form of a revision. In such instances, the Administrator may issue or transfer a permit which would authorize commercial recovery activities and plans only to the extent described in the application.

(b) An application by a permittee for a revision of a permit or its associated commercial recovery plan involving a significant change, as defined in §971.412(b), must be followed by the full application procedures in this part, including a public hearing.

(c) An application by a permittee for a revision of a permit or its associated commercial recovery plan involving a major change, as defined in §971.412(c)

(See also § 971.425 of this part), will be acted on after notice thereof is published by the Administrator in the FEDERAL REGISTER with a 60-day opportunity for public comment and consultation with appropriate Federal agencies.

(d)(1) The Administrator will approve a revision if the Administrator finds in writing that the revision will comply with the requirements of the Act and this part.

(2) Notice of the Administrator's decision on the proposed revision will be provided to the permittee in writing and published in the FEDERAL REGISTER.

(e) A permittee may notify the Administrator of minor changes, as defined in § 971.412(d), subsequently in the annual report (See § 971.801 of this part).

(f) If the relative importance of the change is unclear to the permittee, the Administrator should be notified in advance so that the Administrator can decide whether a revision in accordance with § 971.412(e) is required.

§ 971.414 Modification of permit terms, conditions, and restrictions.

(a) After issuance or transfer of any permit, the Administrator, after consultation with appropriate Federal agencies and the permittee, may modify the TCRs in a permit for the following purposes:

(1) To avoid unreasonable interference with the interests of other nations in their exercise of the freedoms of the high seas, as recognized under general principles of international law. This determination will take into account the considerations listed in § 971.403;

(2) If relevant data and information (including, but not limited to, data resulting from activities under a permit) indicate that modification is required to protect the quality of the environment or to promote the safety of life and property at sea;

(3) To avoid a conflict with any international obligation of the United States, established by any treaty or convention in force with respect to the United States, as determined in writing by the President; or

(4) To avoid any situation which may reasonably be expected to lead to a breach of international peace and security involving armed conflict, as determined in writing by the President.

(b) A proposal by the Administrator to modify the TCRs in a permit is significant and must be followed by the full application procedures in this part, including a public hearing, if it would result in either of the changes identified in § 971.412(b).

(c) All proposed modifications other than those described in paragraph (b) of this section will be acted on after the Administrator provides:

(1) Written notice of the proposal to the permittee; and

(2) Publication of this proposal in the FEDERAL REGISTER with a 60-day opportunity for comment.

(d)(1) The Administrator will effect a modification of the TCRs if the Administrator finds in writing that the proposed modification will comply with the requirements of the Act and this part.

(2) Upon adopting a TCR modification, the Administrator shall issue to the permittee an amended permit including the modified TCRs, and shall publish notice of issuance in the FEDERAL REGISTER.

(3) The procedures for objection to modification of the TCRs are the same as those for objection to a TCR under § 971.411 of this part.

§ 971.415 Duration of a permit.

(a) Unless suspended or revoked pursuant to §§ 971.406 and 971.417, each commercial recovery permit will be issued for a period of 20 years and for so long thereafter as hard mineral resources are recovered annually in commercial quantities from the area listed in the permit.

(b) If the permittee has substantially complied with the permit and its associated recovery plan and requests an extension of the permit, the Administrator will extend the permit with appropriate TCRs, consistent with the Act, for so long thereafter as hard mineral resources are recovered annually in commercial quantities from the area to which the recovery plan associated

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with the permit applies. The Administrator may make allowance for deviation from the recovery plan for good cause, such as significantly changed market conditions. However, a request for extension must be accompanied by an amended recovery plan to govern the activities by the permittee during the extended period.

(c) Successive extensions may be requested, and will be granted by the Administrator, based on the criteria specified in paragraphs (a) and (b).

§971.416 Approval of permit transfers.

(a) The Administrator may transfer a permit after a written request by the permittee. After a permittee submits a transfer request to the Administrator, the proposed transferee will be deemed an applicant for a commercial recovery permit, and will be subject to the requirements and procedures of this part.

(b) The Administrator will transfer a permit if the proposed transferee is a United States citizen and proposed commercial recovery activities meet the requirements of the Act and this part, and if the proposed transfer is in the public interest. The Administrator will presume that the transfer is in the public interest if it meets the requirements of the Act and this part. In case of mere change in the form or ownership of a permittee, the Administrator may waive relevant determinations for requirements for which no changes have occurred since the preceding application.

§971.417 Suspension or modification of activities; suspension or revocation of permits.

(a) The Administrator may:

(1) In addition to, or in lieu of, the imposition of any civil penalty under subpart J of this part, or in addition to the imposition of any fine under subpart J, suspend or revoke any permit issued under this part, or suspend or modify any particular activities under such a permit, if the permittee substantially fails to comply with any provision of the Act, this part, or any term, condition or restriction of the permit; and

(2) Suspend or modify particular activities under any permit, if the Presi-

dent determines that such suspension or modification is necessary:

(i) To avoid any conflict with any international obligation of the United States established by any treaty or convention in force with respect to the United States; or

(ii) To avoid any situation which may reasonably be expected to lead to a breach of international peace and security involving armed conflict.

(b) Any action taken by the Administrator in accordance with paragraph (a)(1) will proceed pursuant to the procedures in §971.1003. Any action taken in accordance with paragraph (a)(2) will proceed pursuant to paragraphs (c) through (i) of this section, other than paragraph (h)(2).

(c) Prior to taking any action specified in paragraph (a)(2) the Administrator will publish in the FEDERAL REGISTER, and send to the permittee, written notice of the proposed action. The notice will include:

(1) The basis of the proposed action; and

(2) If the basis for the proposed action is a deficiency which the Administrator believes the permittee can correct:

(i) The action necessary to correct the deficiency; and

(ii) The time within which any correctable deficiency must be corrected (not to exceed 180 days except as specified by the Administrator for good cause).

(d) The Administrator will take the proposed action:

(1) On the 30th day after the date notice is sent to the permittee, under paragraph (c) of this section, unless before the 30th day the permittee files with the Administrator a written request for an administrative review of the proposed action; or

(2) On the last day of the period established under paragraph (c)(2)(ii) in which the permittee must correct the deficiency, if such deficiency has not been corrected before that day and an administrative review requested pursuant to paragraph (d)(1) is not pending or in progress.

(e) If a timely request for administrative review of the proposed denial is

made by the permittee under paragraph (d)(1) of this section, the Administrator will promptly begin a formal hearing in accordance with subpart I of this part. If the proposed denial is the result of a correctable deficiency, the administrative review will proceed concurrently with any attempt to correct the deficiency, unless the parties agree otherwise or the administrative law judge orders differently.

(f) The Administrator will serve on the permittee, and publish in the FEDERAL REGISTER, written notice of the action taken including the reasons therefor.

(g) Any final determination by the Administrator to take the proposed action is subject to judicial review as provided in chapter 7 of title 5, United States Code.

(h) The issuance of any notice of proposed action under this section will not affect the continuation of commercial recovery activities by a permittee. The provisions of paragraphs (c), (d), (e) and the first sentence of this paragraph (h) of this section will not apply when:

(1) The President determines by Executive Order that an immediate suspension or modification of particular activities under that permit, is necessary for the reasons set forth in paragraph (a)(2); or

(2) The Administrator determines that immediate suspension of such a permit or immediate suspension or modification of particular activities under a permit, is necessary to prevent a significant adverse environmental effect or to preserve the safety of life or property at sea, and the Administrator issues an emergency order in accordance with § 971.1003(d)(4).

(i) The Administrator will immediately rescind the suspension order as soon as he has determined that the cause for suspension has been removed.

TERMS, CONDITIONS AND RESTRICTIONS

§ 971.418 Diligence requirements.

The TCRs in each commercial recovery permit must include provisions to assure diligent development consistent with § 971.503, including a requirement that recovery at commercial scale be underway within ten years from the date of permit issuance unless that

deadline is extended by the Administrator for good cause.

§ 971.419 Environmental protection requirements.

(a) Each commercial recovery permit must contain TCRs established by the Administrator pursuant to subpart F which prescribe actions the permittee must take in the conduct of commercial recovery activities to assure protection of the environment. Factors to be taken into account regarding the potential for significant adverse environmental effects are discussed in §§ 971.601 and 971.602.

(b) Before establishing the TCRs pertaining to environmental protection, the Administrator will consult with the Administrator of the Environmental Protection Agency, the Secretary of State and the Secretary of the department in which the Coast Guard is operating. The Administrator also will take into account and give due consideration to formal comments received from the public, including those from the State agency, and to the information contained in the final site-specific EIS prepared with respect to the proposed permit.

§ 971.420 Resource conservation requirements.

For the purpose of conservation of natural resources, each permit issued under this part will contain, as needed, TCRs which have due regard for the prevention of waste and the future opportunity for the commercial recovery of the unrecovered balance of the hard mineral resources in the recovery area. The Administrator will establish these requirements pursuant to § 971.502.

§ 971.421 Freedom of the high seas requirements.

Each permit issued under this part must include appropriate restrictions to ensure that commercial recovery activities do not unreasonably interfere with the interests of other nations in their exercise of the freedoms of the high seas, as recognized under general principles of international law. The Administrator will consider the factors in § 971.403 in establishing these restrictions.

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§ 971.422 Safety at sea requirements.

The Secretary of the department in which the Coast Guard is operating, in consultation with the Administrator, will require in any permit issued under this part, in conformity with principles of international law, that vessels documented under the laws of the United States and used in activities authorized under the permit comply with conditions regarding design, construction, alteration, repair, equipment, operation, manning and maintenance relating to vessel and crew safety and the promotion of safety of life and property at sea. These requirements will be established with reference to subpart G of this part.

§ 971.423 Best available technology.

The Administrator will require in all activities under new permits, and wherever practicable in activities under existing permits, the use of the best available technologies for the protection of safety, health, and the environment wherever such activities would have a significant adverse effect on safety, health, or the environment, (see §§ 971.203(b)(3), 971.602(f), and 971.604(a)), except where the Administrator determines that the incremental benefits are clearly insufficient to justify the incremental costs of using such technologies.

§ 971.424 Monitoring requirements.

Each commercial recovery permit will require the permittee:

(a) To allow the Administrator to place appropriate Federal officers or employees as observers aboard vessels used by the permittee in commercial recovery activities to:

(1) Monitor activities at times, and to the extent, the Administrator deems reasonable and necessary to assess the effectiveness of the TCRs of the permit; and

(2) Report to the Administrator whenever those officers or employees have reason to believe there is a failure to comply with the TCRs;

(b) To cooperate with Federal officers and employees in the performance of monitoring functions; and

(c) To monitor the environmental effects of the commercial recovery activities in accordance with a moni-

toring plan approved and issued by NOAA as permit TCRs and to submit data and other information as necessary to permit evaluation of environmental effects. The environmental monitoring plan and reporting will respond to the concerns and procedures discussed in subpart F.

§ 971.425 Changes of circumstances.

Each permit must require the permittee to advise the Administrator of any changes of circumstances which might constitute a revision which would be a major change under § 971.412(c). Changes in ownership, financing, and use conflicts are examples, as are technology or methodology changes including those which might result in significant adverse environmental effects.

§ 971.426 Annual report and records maintenance.

Each permit will require the permittee to submit an annual report and maintain information in accordance with § 971.801 including compliance with the commercial recovery plan and the quantities of hard mineral resources recovered and the disposition of such resources.

§ 971.427 Processing outside the United States.

If appropriate TCRs will incorporate provisions to implement the decision of the Administrator regarding the return of resources processed outside the United States, in accordance with § 971.408.

§ 971.428 Other necessary permits.

Each permit will provide that securing the deep seabed mining permit for activities described in the recovery plan and accompanying application does not eliminate the need to secure all other necessary Federal, State, and local permits.

§ 971.429 Special terms, conditions and restrictions.

Although the general criteria and standards to be used in establishing TCRs for a permit are set forth in this part, as referenced in §§ 971.418 through 971.428, the Administrator may impose special TCRs for the conservation of

natural resources, protection of the environment, or the safety of life and property at sea when required by differing physical and environmental conditions.

§ 971.430 Other Federal requirements.

Pursuant to § 971.211, another Federal agency, or a State acting under Federal authority, upon review of a commercial recovery permit application submitted under this part, may propose that certain TCRs be added to the permit, to assure compliance with any law or regulation within that agency's area of responsibility. The Administrator will include appropriate TCRs in a permit.

Subpart E—Resource Development

§ 971.500 General.

Several provisions in the Act relate to appropriate mining techniques or mining efficiency. These raise what could be characterized as resource development issues. In particular, section 103(a)(2)(C) requires a resource assessment to be provided with the recovery plan. Section 103(a)(2)(D) of the Act provides that the applicant will select the size and location of the area of a recovery plan, which will be approved unless the Administrator finds that the area is not a "logical mining unit" or the commercial recovery activities in the proposed site would result in a significant adverse environmental effect which cannot be avoided by the imposition of reasonable restrictions. Also, pursuant to section 108 of the Act, the applicant's recovery plan and the TCRs of each permit must be designed to ensure diligent development. In addition, for the purpose of conservation of natural resources, section 110 of the Act provides that each permit is to contain, as needed, terms, conditions, and restrictions which have due regard for the prevention of waste and the future opportunity for the commercial recovery of the unrecovered balance of the resources.

§ 971.501 Resource assessment, recovery plan, and logical mining unit.

(a) The applicant must submit with the application a resource assessment

to provide a basis for assessing the area applied for. This assessment must include a discussion of mineable and unmineable areas, taking into account nodule grade, nodule concentration, and other factors such as seafloor topography. These areas may be delineated graphically. The resources in the area must be described in relation to the applicant's production requirements, operating period, and recovery efficiency in order to justify the area applied for.

(b) The applicant shall select the size and location of the area of the recovery plan, which area shall be approved unless the Administrator finds that, among other considerations (see § 971.301(a)), the area is not a logical mining unit. In the case of a commercial recovery permit, a logical mining unit is an area of the deep seabed:

(1) In which hard mineral resources can be recovered in sufficient quantities to satisfy the permittee's estimated production requirements over the initial 20-year term of the permit in an efficient, economical, and orderly manner with due regard for conservation and protection of the environment, taking into consideration the resource data, other relevant physical and environmental characteristics, and the state of the technology of the applicant set out in the recovery plan;

(2) Which is not larger than necessary to satisfy the permittee's estimated production requirements over the initial 20-year term of the permit; and

(3) In relation to which the permittee's estimated production requirements are not found by the Administrator to be unreasonable.

(c) Approval by the Administrator of a proposed logical mining unit will be based on a case-by-case review of each application. The area need not consist of contiguous segments, as long as each segment would be efficiently mineable and the total proposed area constitutes a logical mining unit.

(d) In describing the area, the applicant must present the geodetic coordinates of the points defining the boundaries referred to the World Geodetic System (WGS) Datum. A boundary between points must be a geodesic. If grid coordinates are desired, the Universal

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Transverse Mercator Grid System must be used.

§ 971.502 Conservation of resources.

(a) If the Administrator establishes terms, conditions and restrictions relating to conservation of resources, he will employ a balancing process in the consideration of the state of the technology being developed, the processing system utilized and the value and potential use of any waste, the environmental effects of the recovery activities, economic and resource data, and the national need for hard mineral resources.

(b) The application must set forth how the applicant's proposed method of collecting nodules will conserve resources by providing for the future opportunity for commercial recovery of the unrecovered balance of the resources in the proposed permit area. Although preliminary and subject to change, the discussion must include a plan for the chronology of areas to be mined. This is needed in order for the Administrator to determine if selective mining, expected to be carried out in the early years to improve cash flow, is part of a long range recovery plan.

(c) If the applicant proposes a refining process that does not include the use of manganese in a productive manner, it may not render the manganese unavailable to future users by dispersing the tailings over a vast area unless such a scheme is necessary for the financial practicability of the commercial recovery activities of the applicant. A permittee must advise the Administrator in the annual report of the location, composition and quantity of manganese in tailings which remain after processing. Should national needs for manganese develop during the duration of a permit, e.g., in case of national emergency, the Administrator may cancel the exception granted involving dispersion of tailings. Applicants seeking an exception would be required to demonstrate how and in what time frame their commercial recovery processing activities could be modified to respond to new national needs.

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§ 971.503 Diligent commercial recovery.

(a) Each permittee must pursue diligently the activities described in its approved commercial recovery plan. This requirement applies to the full scope of the plan, including environmental safeguards and monitoring systems. Permit TCRs will require periodic reasonable expenditures for commercial recovery by the permittee, taking into account the size of the area of the deep seabed to which the recovery plan applies and the amount of funds estimated by the Administrator to be required to initiate commercial recovery of hard mineral resources within the time limit established by the Administrator. However, required expenditures will not be established at a level which would discourage commercial recovery or operational efficiency.

(b) To meet the diligence requirement, the applicant must propose to the Administrator an estimated schedule of activities and expenditures pursuant to § 971.203(b)(2). The schedule must show, and the Administrator must be able to make a reasonable determination, that the applicant can reasonably develop the resources in the permit area within the term of the permit. There must be a reasonable relationship between the size of the recovery area and the financial and technological resources reflected in the application. The permittee must initiate the recovery of nodules in commercial quantities within ten years of the issuance of the permit unless this deadline is extended by the Administrator for good cause.

(c) Once commercial recovery is achieved, the permittee must, within reasonable limits and taking into consideration all relevant factors, maintain commercial recovery throughout the period of the permit. However, the Administrator will, for good cause shown, authorize temporary suspension of commercial recovery activities. The duration of any suspension will not exceed one year, unless the Administrator determines that conditions justify an extension of the suspension.

(d) Ultimately, the diligence requirement will involve a retrospective determination by the Administrator,

based on the permittee's reasonable conformance to the approved recovery plan. This determination, however, will take into account the need for some degree of flexibility in a recovery plan. It also will include consideration of the needs and stage of development of the permittee based on the approved recovery plan; legitimate periods of time when there is no or very low expenditure; and allowance for a certain degree of flexibility for changes encountered by the permittee in market conditions or other factors.

(e) The permittee must submit a report annually reflecting its conformance to the schedule of activities and expenditures contained in the permit and its associated recovery plan. In case of any changes requiring a revision to an approved permit and recovery plan, the permittee must advise the Administrator in accordance with § 971.413.

Subpart F—Environmental Effects

§ 971.600 General.

The Act contains several provisions which relate to environmental protection. For example, section 105(a)(4) requires that, before the Administrator may issue a commercial recovery permit, he must find that the commercial recovery proposed in the application cannot reasonably be expected to result in a significant adverse environmental effect. In addition, each permit issued must contain TCRs which prescribe actions the permittee must take in the conduct of commercial recovery activities to assure protection of the environment (section 109(b)). The Act also provides for modification by the Administrator of any TCR if relevant data and information indicate that modification is required to protect the quality of the environment (section 105(c)(1)(B)). The Administrator also may order an immediate suspension or modification of activities (section 106(c)), or require use of best available technologies (section 109(b)), to prevent a significant adverse environmental effect. Furthermore, each permit issued under the Act must require the permittee to monitor the environmental effects of commercial recovery activities in accordance with guidelines

issued by the Administrator, and to submit information the Administrator finds necessary and appropriate to assess environmental effects and to develop and evaluate possible methods of mitigating adverse effects (section 114).

§ 971.601 Environmental requirements.

Before issuing a permit for the commercial recovery of deep seabed hard mineral resources, the Administrator must find that:

(a) The issuance of a permit cannot reasonably be expected to result in a significant adverse environmental effect, or, if there is insufficient information to make that determination, that no irreparable harm will result during a period when monitoring of commercial recovery is undertaken to gather sufficient information in order to determine the potential for or occurrence of any significant adverse environmental effect. In examining this issue, NOAA will give consideration to the following Ocean Discharge Criteria of the Clean Water Act (40 CFR part 125, subpart M), as they may pertain to discharges and other environmental perturbations related to the commercial recovery operations:

(1) The quantities, composition and potential for bioaccumulation or persistence of the pollutants to be discharged;

(2) The potential transport of such pollutants by biological, physical or chemical processes;

(3) The composition and vulnerability of the biological communities which may be exposed to such pollutants including the presence of unique species or communities of species, the presence of species identified as endangered or threatened pursuant to the Endangered Species Act, or the presence of those species critical to the structure or function of the ecosystem such as those important for the food chain;

(4) The importance of the receiving water area to the surrounding biological community, including the presence of spawning sites, nursery/forage areas, migratory pathways, or areas necessary for other functions or critical stages in the life cycle of an organism;

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(5) The existence of special aquatic sites including but not limited to marine sanctuaries and refuges, parks, national and historic monuments, national seashores, wilderness areas and coral reefs;

(6) The potential impacts on human health through direct and indirect pathways;

(7) Existing or potential recreational and commercial fishing, including finfishing and shellfishing;

(8) Any applicable requirements of an approved Coastal Zone Management plan;

(9) Such other factors relating to the effects of the discharge as may be appropriate;

(10) Marine water quality criteria developed pursuant to section 304(a)(1) of the Clean Water Act; and

(b) The applicant has an approved monitoring plan (§971.603) and the resources and other capabilities to implement it.

§ 971.602 Significant adverse environmental effects.

(a) *Determination of significant adverse environmental effects.* The Administrator will determine the potential for or the occurrence of any significant adverse environmental effect or impact (for the purposes of sections 103(a)(2)(D), 105(a)(4), 106(c) and 109(b) (second sentence) of the Act), on a case-by-case basis.

(b) *Basis for determination.* Determinations will be based upon the best information available, including relevant environmental impact statements, NOAA-collected data, monitoring results, and other data provided by the applicant or permittee, as well as consideration of the criteria in §971.601(a).

(c) *Related considerations.* In making a determination the Administrator may take into account any TCRs or other mitigation measures.

(d) *Activities with no significant adverse environmental effect.* NOAA believes that exploration-type activities, as listed in the license regulations (15 CFR 970.701), require no further environmental assessment.

(e) *Activities with potential for significant adverse environmental effects.* NOAA research has identified at-sea testing of recovery equipment, the re-

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covery of manganese nodules in commercial quantities from the deep seabed, and the construction and operation of commercial-scale processing facilities as activities which may have some potential for significant adverse environmental effects.

(f) *Related terms, conditions and restrictions.* Permits will be issued with TCRs containing environmental requirements with respect to protection (pursuant to §971.419), mitigation (pursuant to §971.419), or best available technology requirements (pursuant to §971.423), as appropriate, and monitoring requirements (pursuant to §971.424) to acquire more information on the environmental effects of deep seabed mining.

§ 971.603 At-sea monitoring.

(a) An applicant must submit with its application a monitoring plan designed to enable the Administrator to assess environmental impacts and to develop and evaluate possible methods of mitigating adverse environmental effects, to validate assessments made in the EIS, and to assure compliance with the environmental protection requirements of this part.

(b) The monitoring plan shall include a characterization of the proposed mining system in terms of collector contact, benthic discharge and surface discharge.

(c) The monitoring plan shall include determination of (1) the spatial and temporal characteristics of the mining ship discharges; (2) the spatial extent and severity of the benthic impact, including recovery rate and pattern of benthic recolonization; and (3) any secondary effects that result from the impact of the mining collector and benthic plume.

(d) The monitoring of benthic impact shall involve the study of two types of areas, each selected by the permittee in consultation with NOAA, which areas shall be representative of the environmental characteristics of the permittee's site:

(1) An impact reference area, located in a portion of a permit area tentatively scheduled to be mined early in a commercial recovery plan; and

(2) An interim preservational reference area, located in a portion of a

permit area tentatively determined: to be non-mineable, not to be scheduled for mining during the commercial recovery plan, or to be scheduled for mining late in the plan.

Reference areas may be selected provisionally prior to application for a commercial recovery permit.

(e) The following specific environmental parameters must be proposed for examination in the applicant's monitoring plan:

- (1) Discharges—
 - (i) Salinity, temperature, density.
 - (ii) Suspended particulates concentration and density.
 - (iii) Particulate and dissolved nutrients and metals.
 - (iv) Size, configuration, and velocities of discharge.
 - (2) Upper water column—
 - (i) Nutrients.
 - (ii) Endangered species (observations).
 - (iii) Salinity, temperature, density.
 - (iv) Currents and direct current shear.
 - (v) Vertical distribution of light.
 - (vi) Suspended particulate material advection and diffusion.
 - (vii) In-situ settling velocities of suspended particulates.
 - (viii) Zooplankton and trace metals uptake.
 - (ix) Fish larvae.
 - (x) Behavior of biota, including commercially and recreationally valuable fish.
 - (3) Lower water column and seafloor—
 - (i) Currents.
 - (ii) Suspended particulate material advection and diffusion.
 - (iii) In-situ settling velocities of suspended particulates.
 - (iv) Benthic scraping and blanketing, and their impacts and recovery.
- (f) The monitoring plan shall include provision for monitoring those areas impacted by the permittee's mining activities, even if such areas fall outside its minesite, where the proposed activities have the potential to cause significant adverse environmental effect or irreparable harm in the outside area.

(g) After the Administrator's approval of the monitoring plan, this plan will become a permit TCR. The monitoring plan TCR will include, to

the maximum extent practicable, identification of those activities or events that could cause suspension or modification due to environmental effects under § 971.417, or permit revocation in the event that these effects cannot be adequately mitigated. The TCR also will authorize refinement of the monitoring plan prior to testing and commercial-scale recovery, and at other appropriate times, if refinement is necessary to reflect accurately proposed operations or to incorporate recent research or monitoring results.

(h) If test mining is proposed, the applicant shall include in the monitoring plan a monitoring plan for the test(s) as well as a strategy for using the result to monitor more effectively commercial-scale recovery. This monitoring shall address concerns expressed in the PEIS and in the permit EIS.

(i) The monitoring plan shall include a sampling strategy that assures: that it is based on sound statistical methods, that equipment and methods be scientifically accepted, that the personnel who are planning, collecting and analyzing data be scientifically well qualified, and that the resultant data be submitted to the Administrator in accordance with formats of the National Oceanographic Data Center and other formats as may be specified by the Administrator.

(j) Pursuant to section 114(1) of the Act, the Administrator intends to place observers onboard mining vessels, not only to ensure that permit TCRs are followed, but also to evaluate the effectiveness of monitoring strategies, both in terms of protecting the environment and in being cost-effective (See § 971.1005), and if necessary, to develop potential mitigation measures. If modification of permit TCRs or regulations is required to protect the quality of the environment, the Administrator may modify TCRs pursuant to § 971.414, or the regulations pursuant to § 971.804.

§ 971.604 Best available technologies (BAT) and mitigation.

(a) The Administrator shall require in all activities under new permits, and wherever practicable in activities under existing permits, the use of the

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best available technologies for the protection of safety, health, and the environment wherever such activities would have a significant adverse effect on safety, health, or the environment, except where the Administrator determines that the incremental benefits are clearly insufficient to justify the incremental costs of using such technologies. Because of the embryonic nature of the industry, NOAA is unable either to specify particular equipment or procedures comprising BAT or to define performance standards. Until such experience exists, the applicant shall submit such information as is necessary to indicate, as required above, the use of BAT, the alternatives considered to the specific equipment or procedures proposed, and the rationale as to why one alternative technology was selected in place of another. This analysis shall include a discussion of the relative costs and benefits of the technologies considered.

(b) NOAA is not specifying particular mitigation methodologies or techniques at this time (such as requiring the sub-surface release of mining vessel discharges), but expects applicants and permittees to develop and carry out their operations, to the extent possible, to minimize adverse environmental effects and to be able to demonstrate efforts to that end. The applicant must submit a plan describing how he would mitigate a problem, if it were caused by the surface release of mining vessel discharges, including a plan for the monitoring of any discharges. Based upon monitoring results, NOAA may find it necessary in the future to specify particular procedures for minimizing adverse environmental effects. These procedures would be incorporated into permit TCRs.

(c) NOAA will require the permittee to report, prior to implementation, any proposed technological or operational changes that will increase or have unknown environmental effects. Changes in composition, concentration or size distribution of suspended particulates discharged from the mining vessel, water depth of vessel discharges, depth of cut in the seafloor of the mining collector, and direction or amount of sediment discharged at the seafloor are factors of concern to NOAA. In report-

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ing any such change, the permittee shall submit information to indicate the use of BAT, alternatives considered, and rationale for selecting one technology in place of another, in a manner comparable to and to the extent required in paragraph (a) of this section. If proposed changes have a high potential for increasing adverse environmental effects, the Administrator may disapprove or require modification of the changes.

§971.605 Stable Reference Areas. [Reserved]

§971.606 Onshore information.

(a) To assist the Administrator in complying with NEPA requirements and to enable NOAA to function as lead agency in preparing permit site-specific environmental impact statements (EISs) and facilitating the preparation and processing of other environmental documents and permits, the applications must include the following information:

(1) The location and affected environment of port, transport, processing and waste disposal facilities and associated facilities (e.g., maps, land use and layout);

(2) A description of the environmental consequences and socio-economic effects of construction and operation of the facilities, including waste characteristics and toxicity;

(3) Any mitigating measures that may be proposed;

(4) Certification of consistency with the federally approved State coastal management program, where applicable, and evidence of the status of compliance with other State or local requirements relating to protection of the environment; and

(5) Alternative sites and technologies considered by the applicant and the considerations which eliminate their selection.

(b) The applicant must consult with NOAA as early as possible concerning the information to be submitted to NOAA to prepare an adequate environmental impact statement. The applicant is encouraged to consult with potentially affected States as early as is practicable [see also §§971.200(g) and 971.213].

(c) The requirements of paragraphs (a)(1)–(3) and (5) of this section also apply if approval of processing outside the United States is requested by the applicant, in accordance with Executive Order 12114 which requires the environmental review of major Federal actions abroad. Information detailing the socio-economic impacts of foreign processing activities is not required.

Subpart G—Safety of Life and Property at Sea

§ 971.700 General.

The Act contains several requirements that relate to assuring the safety of life and property at sea. For example, before the Administrator may issue a permit, he must find that the proposed recovery will not pose an inordinate threat to the safety of life and property at sea (section 105(a)(5)). The Coast Guard, in consultation with NOAA, must require in any permit issued under the Act, in conformity with principles of international law, that vessels documented in the United States and used in activities authorized under the permit comply with conditions regarding the design, construction, alteration, repair, equipment, operation, manning and maintenance relating to vessel and crew safety and the safety of life and property at sea (section 112(a)). The Administrator may impose or modify TCRs for a permit if required to promote the safety of life and property at sea (section 105(c)(1)(B)).

§ 971.701 Criteria for safety of life and property at sea.

Response to the safety at sea requirements in essence will involve vessel inspection requirements, as identified by present laws and regulations. The primary inspection statutes pertaining to United States flag vessels are: 46 App. U.S.C. 86 (Loadlines) and 46 U.S.C. 3301 (Inspection of Seagoing Barges, Seagoing Motor Vessels, and Freight Vessels). United States flag vessels will be required to meet all applicable regulatory requirements, including the requirement for a current valid Coast Guard Certificate of Inspection (pursuant to § 971.205(a)). United States flag vessels are under United States juris-

dition on the high seas and subject to domestic enforcement procedures. With respect to foreign flag vessels, the SOLAS 74 or SOLAS 60 certificate requirements specified in § 971.205(b) apply.

Subpart H—Miscellaneous

§ 971.800 General.

The subpart contains miscellaneous provisions pursuant to the Act which are applicable to exploration licenses and commercial recovery permits.

§ 971.801 Records to be maintained and information to be submitted by licensees and permittees.

(a)(1) In addition to the information specified elsewhere in the part and in 15 CFR part 970, each licensee and permittee must keep such records, consistent with standard accounting principles, as specified by the Administrator in the license or permit. Such records shall include information which will fully disclose expenditures for exploration for, or commercial recovery of hard mineral resources in the area under license or permit, and any other information which will facilitate an effective audit of these expenditures.

(2) The Administrator and the Comptroller General of the United States, or any of their duly authorized representatives, shall have access, for purposes of audit and examination to any books, documents, papers, and records of licensees and permittees which are necessary and directly pertinent to verification of the expenditures referred to in paragraph (a)(1) of this section.

(b) In addition to the information specified elsewhere in this part and in 15 CFR part 970, each applicant, licensee or permittee will be required to submit to the Administrator, upon request, data or other information the Administrator may reasonably need for purposes of:

- (1) Making determinations with respect to the issuance, revocation, modification, or suspension of the license or permit in question;
- (2) Evaluating the effectiveness of license or permit TCRs;

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(3) Compliance with the biennial Congressional report requirement contained in section 309 of the Act; and

(4) Evaluation of the exploration or commercial recovery activities conducted by the licensee or permittee.

At a minimum, licensees and permittees shall submit an annual written report within 90 days after each anniversary of the license or permit issuance or transfer, discussing exploration or commercial recovery activities and expenditures. The report shall address diligence requirements (see § 971.503 and 15 CFR 970.602), implementation of any approved monitoring plan (see § 971.602 and 15 CFR 970.522(c) and 970.702(a)), and applicable changes which do not constitute revisions (see § 971.413(e) and 15 CFR 970.513(c)). Permittees must also report the tonnage of nodules recovered (§ 971.426) and discuss manganese conservation measures (see § 971.502).

§ 971.802 Public disclosure of documents received by NOAA.

(a) *Purpose.* This section provides a procedure by which persons submitting information pursuant to this part and 15 CFR part 970 may request that certain information not be subject to public disclosure. The substantiation requested is intended to assure that NOAA has a complete and proper basis for determining the legality and appropriateness of withholding or releasing the identified information if a public request for disclosure is received.

(b) *Written requests for confidential treatment.* (1) Any person who submits any information pursuant to this part or 15 CFR part 970, which information is considered by that person to be protected by the Trade Secrets Act (18 U.S.C. 1905) or otherwise to be a trade secret or commercial or financial information which is privileged or confidential, may request that the Administrator give the information confidential treatment.

(2)(i) Any request for confidential treatment of information:

(A) Should be submitted at the time of submission of information;

(B) Should state the period of time for which confidential treatment is desired (e.g., until a certain date, or until

the occurrence of a certain event, or permanently);

(C) Must be submitted in writing; and

(D) Must include the name, mailing address, and telephone number of an agent of the submitter who is authorized to receive notice of requests for disclosure of the information pursuant to paragraph (d) of this section.

(ii) If information is submitted to the Administrator without an accompanying request for confidential treatment, the notice referred to in paragraph (d)(2) of this section need not be given. If a request for confidential treatment is received after the information itself is received, the Administrator will make efforts to the extent administratively practicable to associate the request with copies of the previously submitted information in the files of NOAA and the Federal agencies to which the Administrator distributed the information.

(3)(i) Information subject to a request for confidential treatment must be segregated from information for which confidential treatment is not being requested, and each page (or segregable portion of each page) subject to the request must be clearly marked with the name of the person requesting confidential treatment, the name of the applicant, licensee or permittee, and an identifying legend such as “Proprietary Information” or “Confidential Treatment Requested.” Where this marking proves impracticable, a cover sheet containing the identifying names and legend must be securely attached to the compilation of information for which confidential treatment is requested. Each copy of the information for which confidential treatment has been requested must be cross-referenced to the appropriate section of the application or other document. All information for which confidential treatment is requested pertaining to the same application or other document must be submitted to the Administrator in a package separate from that information for which confidential treatment is not being requested.

(ii) Each copy of any application or other document with respect to which confidential treatment of information has been requested must indicate, at

each place in the application or document where confidential information has been deleted, that confidential treatment of information has been requested.

(4) Normally, the Administrator will not make a determination as to whether confidential treatment is warranted until a request for disclosure of the information is received. However, on a case-by-case basis, the Administrator may make a determination in advance of a request, where it would facilitate obtaining voluntarily submitted information (rather than information required to be submitted under this part).

(c) *Substantiation of request for confidential treatment.* (1) Any request for confidential treatment may include a statement of the basis for believing that the information is deserving of confidential treatment, which addresses the issues relevant to a determination of whether the information is a trade secret, or commercial or financial information which is privileged or confidential. To the extent permitted by applicable law, part or all of any substantiation statement submitted will be treated as confidential if so requested, and must be segregated, marked, and submitted in accordance with the procedure described in paragraph (b)(3) of this section.

(2) Issues addressed in the statement should include:

- (i) The commercial or financial nature of the information;
- (ii) The nature and extent of the competitive advantage enjoyed as a result of possession of the information;
- (iii) The nature and extent of the competitive harm which would result from public disclosure of the information;
- (iv) The extent to which the information has been disseminated to employees and contractors of the person submitting the information;
- (v) The extent to which persons other than the person submitting the information possesses, or have access to, the same information; and
- (vi) The nature of the measures which have been and are being taken to protect the information from disclosure.

(d) *Requests for disclosure of trade secrets, privileged, or confidential information.* (1) Any request for disclosure of information submitted, reported or collected pursuant to this part must be made in accordance with 15 CFR 903.7.

(2) Upon receipt of a request for disclosure of information for which confidential treatment has been requested, the Administrator immediately will issue notice by an expeditious means (such as by telephone, confirmed by certified or registered mail, return receipt requested) of the request for disclosure to the person who requested confidential treatment of the information or to the designated agent. The notice also will:

(i) Inquire whether that person continues to maintain the request for confidential treatment;

(ii) Notify that person of the date (generally, not later than the close of business on the seventh working day after issuance of the notice) by which the person is strongly encouraged to deliver to the Administrator a written statement that the person either:

(A) Waives or withdraws the request for confidential treatment in full or in part; or

(B) Confirms that the request for confidential treatment is maintained;

(iii) Inform that person that by a date the Administrator specifies (generally, not later than the close of business on the seventh working day after issuance of the notice), the person:

(A) Is strongly encouraged to deliver to the Administrator a written statement addressing the issues listed in paragraph (c)(2) of this section, describing the basis for believing that the information is deserving of confidential treatment, if this statement was not previously submitted;

(B) Is strongly encouraged to deliver to the Administrator an update of or supplement to any statement previously submitted under paragraph (c) of this section; and

(C) May present to the Administrator in a form the Administrator deems appropriate (such as by telephone or in an informal conference) arguments against disclosure of the information; and

(iv) Inform that person that the burden is on him to assure that any response to the notice is delivered to the Administrator within the time specified in the notice.

(3) To the extent permitted by applicable law, part or all or of any statement submitted in response to any notice issued under paragraph (d)(2) will be treated as confidential if so requested by the person submitting the response. Any response for which confidential treatment is requested must be segregated, marked and submitted in accordance with the procedures described in paragraph (b)(3) of this section.

(4) Upon the expiration of the time allowed for response under paragraph (d)(2) of this section, the Administrator will determine, in consultation with the General Counsel for the Department of Commerce, whether confidential treatment is warranted based on the information then available to NOAA.

(5) If the person who requested confidential treatment waives or withdraws that request, the Administrator will proceed with appropriate disclosure of the information.

(6) If the Administrator determines that confidential treatment is warranted, he will so notify the person requesting confidential treatment, and will issue an initial denial of the request for disclosure of records in accordance with 15 CFR 903.8.

(7) If the Administrator determines that confidential treatment is not warranted for part or all of the information, the Administrator immediately will issue notice by an expeditious means (such as by telephone, confirmed by certified or registered mail, return receipt requested) to the person who requested confidential treatment. The notice will state:

(i) The basis for the Administrator's determination;

(ii) That the Administrator's determination constitutes final agency action on the request for confidential treatment;

(iii) That the final agency action is subject to judicial review under chapter 7 of title 5, United States Code; and

(iv) That on the seventh working day after issuance of the notice described

in this paragraph (d)(7), the Administrator will make the information available to the person who requested disclosure unless the Administrator has first been notified of the filing of an action in a Federal court to obtain judicial review of the determination, and the court has issued an appropriate order preventing or limiting disclosure.

(8) The Administrator will keep a record of the date any notice is issued and the date any response is received, by the Administrator, under this paragraph (d).

(9) In all other respects, procedures for handling requests for records containing information submitted to, reported to, or collected by the Administrator pursuant to this part will be in accordance with 15 CFR Part 903. For example, if ten working days have passed after the receipt of a request for disclosure and, despite the exercise of due diligence by the agency, the Administrator cannot make a determination as to whether confidential treatment is warranted, the Administrator will issue appropriate notice in accordance with 15 CFR 903.8(b)(5).

(e) *Direct submission of confidential information.* If any person has reason to believe that it would be prejudiced by furnishing information required from it to the applicant, licensee or permittee, that person may file the required information directly with the Administrator. Information for which the person requests confidential treatment must be segregated, marked, and submitted in accordance with the procedures described in paragraph (b)(3) of this section.

(f) *Protection of confidential information transmitted by the Administrator to other agencies.* Each copy of information for which confidential treatment has been requested which is transmitted by the Administrator to other Federal agencies will be accompanied by a cover letter containing:

(1) A request that the other Federal agency maintain the information in confidence in accordance with applicable law (including the Trade Secret Act, 18 U.S.C. 1905) and any applicable protective agreement entered into by the Administrator and the Federal agency receiving the information;

(2) A request that the other Federal agency notify the Administrator immediately upon receipt of any request for disclosure of the information; and

(3) A request that all copies of the information be returned to the Administrator for secure storage or disposal promptly after the Federal agency determines that it no longer needs the information for its official use.

(g) When satisfied that adequate protection against public disclosure exists, applicants should provide the State agency with confidential and proprietary information which the State agency maintains is necessary to make a reasoned decision on the consistency of the proposal. State agency requests for such information must be related to the necessity of having such information to assess adequately the coastal zone effects of the proposal.

§ 971.803 Relinquishment and surrender of licenses and permits.

(a) Any licensee or permittee may at any time, without penalty:

(1) Surrender to the Administrator a license or permit issued to the licensee or permittee; or

(2) Relinquish to the Administrator, in whole or in part, any right to conduct any exploration or commercial recovery activities authorized by the license or permit.

(b) Any licensee or permittee who surrenders, or relinquishes any right under, a license or permit will remain liable with respect to all violations and penalties incurred, and damage to persons or property caused, by the licensee or permittee as a result of activities engaged in by the licensee or permittee under the license or permit.

§ 971.804 Amendment to regulations for conservation, protection of the environment, and safety of life and property at sea.

The Administrator may amend the regulations in this part and 15 CFR part 970 at any time as the Administrator determines to be necessary and appropriate in order to provide for the conservation of natural resources, protection of the environment, or the safety of life and property at sea. The amended regulations will apply to all exploration or commercial recovery ac-

tivities conducted under any license or permit issued or maintained pursuant to this part or 15 CFR part 970, except that amended regulations which provide for conservation of natural resources will apply to activities conducted under an existing license or permit during the present term of that license or permit only if the Administrator determines that the amended regulations providing for conservation of natural resources will not impose serious or irreparable economic hardship on the licensee or permittee. Any amendment to regulations under this section will be made pursuant to the procedures in subpart I of this part.

§ 971.805 Computation of time.

Except where otherwise specified, Saturdays, Sundays and Federal Government holidays will be included in computing the time period allowed for filing any document or paper under this part or 15 CFR part 970, but when a time period expires on any of these days, that time period will be extended to include the next following Federal Government work day. Filing periods expire at the close of business on the day specified, for the office specified.

Subpart I—Uniform Procedures

§ 971.900 Applicability.

The regulations of this subpart govern the following hearings conducted by NOAA under this part and under 15 CFR part 970:

(a) All adjudicatory hearings required by section 116(b) of the Act to be held on the following actions upon a finding by the Administrator that one or more specific and material issues of fact exist which require resolution by formal process, including but not limited to:

(1) All applications for issuance or transfer of licenses or permits;

(2) All proposed TCRs on a license or permit; and

(3) All proposals to modify significantly a license or permit;

(b) Hearings conducted under section 105(b)(3) of the Act on objection by a licensee or permittee to any term, condition or restriction in a license or permit, or to modification thereto, where

the licensee or permittee demonstrates, after final action by the Administrator on the objection, that a dispute remains as to a material issue of fact;

(c) Hearings conducted in accordance with section 106(b) of the Act pursuant to a timely request by an applicant or a licensee or permittee for review of:

(1) A proposed denial of issuance or transfer of a license or permit; or

(2) A proposed suspension or modification of particular activities under a license or permit after a Presidential determination pursuant to section 106(a)(2)(B) of the Act;

(d) Hearings conducted in accordance with section 308(c) of the Act to amend regulations for the purpose of conservation of natural resources, protection of the environment, and safety of life and property at sea;

(e) Hearings conducted in accordance with § 971.302 or 15 CFR 970.407 on a proposal to deny certification of an application; and

(f) Hearings conducted in accordance with 15 CFR part 970, subpart C to determine priority of right among preenactment explorers.

§ 971.901 Formal hearing procedures.

(a) *General.* (1) All hearings described in § 971.900 are governed by subpart C of 15 CFR part 904, as modified by this section. The rules in this subpart take precedence over 15 CFR part 904, subpart C, to the extent there is a conflict.

(2) Hearings held under this section will be consolidated insofar as practicable with hearings held by other agencies.

(3) For the purposes of this subpart, *involved applicant, licensee or permittee* means an applicant, licensee or permittee the status of whose application, license, permit or activities conducted under the license or permit may be altered by the Administrator as a result of proceedings under this subpart.

(b) *Decision to hold a hearing.* Whenever the Administrator finds that a formal hearing is required by the provisions of this part or 15 CFR part 970, he will provide for a formal hearing. Upon deciding to hold a formal hearing, the Administrator will refer the proceeding to the Department of Commerce Office of Administrative Law Judges for as-

signment to an Administrative Law Judge to serve as presiding officer for the hearing.

(c) *Notice of formal hearing.* (1) The Administrator will publish notice of the formal hearing in the FEDERAL REGISTER at least 15 days before the beginning of the hearing, and will send written notice by registered or certified mail to any involved applicant, licensee or permittee and to all persons who submitted written comments upon the action in question, or who testified at any prior informal hearing on the action or who filed a request for the formal hearing under this part or 15 CFR part 970.

(2) Notice of a formal hearing will include, among other things:

(i) Time and place of the hearing and the name of the presiding judge, as determined under paragraph (b) of this section;

(ii) The name and address of the person(s) requesting the formal hearing or a statement that the formal hearing is being held by order of the Administrator;

(iii) The issues in dispute which are to be resolved in the formal hearing;

(iv) The due date for filing a written request to participate in the hearing in accordance with paragraphs (f)(2) and (f)(3) of this section; and

(v) Reference to any prior informal hearing from which the issues to be determined arose.

(d) *Powers and duties of the administrative law judge.* In addition to the powers enumerated in 15 CFR part 904. Subpart C, judges will have the power to:

(1) Regulate the course of the hearing and the conduct of the parties, interested persons and others submitting evidence, including but not limited to the power to require the submission of part or all of the evidence in written form if the judge determines a party will not be prejudiced thereby, and if otherwise in accordance with law;

(2) Rule upon requests submitted in accordance with paragraph (f)(2) of this section to participate as a party, or requests submitted in accordance with paragraph (f)(3) of this section to participate as an interested person in a proceeding, by allowing, denying, or limiting such participation; and

(3) Require at or prior to any hearing, the submission and exchange of evidence.

(e) *Argument.* At the close of the formal hearing, each party will be given the opportunity to submit written arguments on the issues before the judge.

(f) *Hearing participation.* (1) Parties to the formal hearing will include:

- (i) The NOAA General Counsel;
- (ii) Any involved applicant, licensee or permittee; and
- (iii) Any other person determined by the judge, in accordance with paragraph (f)(2) below, to be eligible to participate as a full party.

(2) Any person desiring to participate as a party in a formal hearing must submit a request to the judge to be admitted as a party. The request must be submitted within ten days after the date of mailing or publication of notice of a decision to hold a formal hearing, whichever occurs later. Such person will be allowed to participate if the judge finds that the interests of justice and a fair determination of the issues would be served by granting the request. The judge may entertain a request submitted after the expiration of the ten days, but such a request may only be granted upon an express finding on the record that:

- (i) Special circumstances justify granting the request;
- (ii) The interests of justice and a fair determination of the issues would be served by granting the request;
- (iii) The requestor has consented to be bound by all prior written agreements and stipulations agreed to by the existing parties, and all prior orders entered in the proceedings; and
- (iv) Granting the request will not cause undue delay or prejudice the rights of the existing parties.

(3)(i) Any interested person who desires to submit evidence in a formal hearing must submit a request within ten days after the dates of mailing or publication of notice of a decision to hold a formal hearing, whichever occurs later. The judge may waive the ten day rule for good cause, such as if the interested person, making this request after the expiration of the ten days, the formal hearing, and the evidence he proposes to submit may sig-

nificantly affect the outcome of the proceedings.

(ii) The judge may permit an interested person to submit evidence at any formal hearing if the judge determines that such evidence is relevant to facts in dispute concerning the issue(s) being adjudicated. The fact that an interested person may submit evidence under this paragraph at a hearing does not entitle the interested person to participate in other ways in the hearing unless allowed by the judge under paragraph (f)(3)(iii) below.

(iii) The judge may allow an interested person to submit oral testimony, oral arguments or briefs, or to cross-examine witnesses or participate in other ways, if the judge determines:

(A) That the interests of justice would be better served by allowing such participation by the interested person; and

(B) That there are compelling circumstances favoring such participation by the interested person.

(g) *Definition of issues.* (1) Whenever a formal hearing is conducted pursuant to this section the Administrator may certify the issues for decision to the judge, and if the issues are so certified, the formal hearing will be limited to those issues.

(2) Whenever a formal hearing is conducted pursuant to a request by an applicant, licensee or permittee for review of a denial of certification, issuance or transfer of a license or permit in accordance with section 106(a)(4) of the Act, or pursuant to an objection to any term, condition, or restriction in a permit in accordance with section 105(b)(3) or (c)(4) of the Act, no issues may be raised by any party or interested person that were not previously raised in the administrative proceedings on the action pursuant to any such section, unless the judge determines that good cause is shown for the failure to raise them. Good cause includes the case where the party seeking to raise the new issues shows that it could not reasonably have ascertained the issues at a prior stage in the administrative process, or that it could not have reasonably anticipated the relevance or materiality of the information sought to be introduced.

(h) *Decisions*—(1) *Proposed findings of fact and conclusions of law.* The judge will allow each party to file with the judge proposed findings of fact, and in appropriate cases conclusions of law, together with a supporting brief expressing the reasons for such proposals. Such proposals and briefs must be filed within ten days after the hearing or within such additional time as the judge may allow. Such proposals and briefs must refer to all portions of the record and to all authorities relied upon in support of each proposal. Reply briefs must be submitted within ten days after receipt of the proposed findings and conclusions to which they respond, unless the judge allows additional time.

(2) *Recommended decision.* (i) As soon as practicable, but normally not later than 90 days after the conclusion of the formal hearing, the judge will evaluate the record of the formal hearing and prepare and file a recommended decision with the Administrator. The decision will contain findings of fact, when appropriate, conclusions regarding all material issues of law, and a recommendation as to the appropriate action to be taken by the Administrator. The judge will serve a copy of the decision on each party and upon the Administrator.

(ii) Within thirty days after the date the recommended decision is served, any party may file with the Administrator exceptions to the recommended decision. The exceptions must refer to all portions of the record and to all authorities relied on in support of the exceptions.

(3) *Final decision.* (i) As soon as practicable, but normally not later than 60 days after receipt of the recommended decision, the Administrator will issue a final decision. The final decision will include findings of fact and conclusions regarding material issues of law or discretion, as well as reasons therefor. The final decision may accept or reject all or part of the recommended decision. The Administrator shall assure that the record shows the ruling on each exception presented.

(ii) With respect to hearings held pursuant to section 116(b), the Administrator may defer announcement of his findings of fact until the time he takes

final action with respect to any action described in section 116(a).

(iii) The Administrator will base the final decision upon the record already made except that the Administrator may issue orders:

(A) Specifying the filing of supplemental briefs; or

(B) Remanding the matter to the judge for the receipt of further evidence, or otherwise assisting in the determination of the matter.

(i) *Filing and service of documents.* (1) Whenever the regulations in this subpart or an order issued hereunder require a document to be filed within a certain period of time, such document will be considered filed as of the date of the postmark, if mailed, or (if not mailed) as of the date actually delivered to the office where filing is required. Time periods will begin to run on the day following the date of the document, paper, or event which begins at the time period.

(2) All submissions must be signed by the person making the submission, or by the person's attorney or other authorized agent or representative.

(3) Service of a document must be made by delivering or mailing a copy of the document to the known address of the person being served.

(4) Whenever the regulations in this subpart require service of a document, such service may effectively be made on the agent for the service of process or on the attorney for the person to be served.

(5) Refusal of service of a document by the person, his agent, or attorney will be deemed effective service of the document as of the date of such refusal.

(6) A certificate of the person serving the document by personal delivery or by mailing, setting forth the manner of the service, will be proof of the service.

Subpart J—Enforcement

§ 971.1000 General.

(a) *Purpose and scope.* (1) Section 302 of the Act authorizes the Administrator to assess a civil penalty, in an amount not to exceed \$25,000 for each violation, against any person found to have committed an act prohibited by section 301 of the Act. Each day of a

continuing violation is a separate offense.

(2) Section 106 of the Act describes the circumstances under which the Administrator may suspend or revoke a license or permit, or suspend or modify activities under a license or permit, in addition to or in lieu of imposing of a civil penalty, or in addition to imposing a fine.

(3) Section 306 of the Act makes provisions of the customs laws relating to, among other things, the remission or mitigation of forfeitures, applicable to forfeitures of vessels and hard mineral resources. The Administrator is authorized to entertain petitions for administrative settlement of property seizures made under the Act which would otherwise proceed to judicial forfeiture.

(4) Section 114 of the Act authorizes the Administrator to place observers on vessels used by a licensee or permittee under the Act to monitor compliance and environmental effects of activities under the license or permit.

(5) Section 117 of the Act describes the circumstances under which a person may bring a civil action against an alleged violator or against the Administrator for failure to perform a nondiscretionary duty, and directs the Administrator to issue regulations governing procedures prerequisite to such a civil action.

(6) The regulations in this subpart provide uniform rules and procedures for the assessment of civil penalties (§§ 971.1001–971.1002), and license and permit sanctions (§ 971.1003); the remission or mitigation of forfeitures (§ 971.1004); observers (§ 971.1005); protection of certain information related to enforcement (§ 971.1006); and procedures requiring persons planning to bring a civil action under section 117 of the Act to give advance notice (§ 971.1007).

(b) *Filing and service of documents.* (1) Except as otherwise provided by this subpart, filing and service of documents required by this subpart will be in accordance with § 971.901(i). The method for computing time periods set forth in § 971.901(i) also applies to any action or event, such as payment of a civil penalty, required by this subpart to take place within a specified period of time.

(2) If an oral or written request is made to the Administrator within ten days after the expiration of a time period established in this subpart for the required filing of documents, the Administrator may permit a late filing if the Administrator finds reasonable grounds for an inability or failure to file within the time periods. All extensions will be in writing. Except as provided by this paragraph, by 15 CFR 904.102 or by order of an administrative law judge, no requests for an extension of time may be granted.

§ 971.1001 Assessment procedure.

Subpart B of 15 CFR part 904 governs the procedures for assessing a civil penalty under the Act, and the rights of any person against whom a civil penalty is assessed.

§ 971.1002 Hearing and appeal procedures.

(a) *Beginning of hearing procedures.* Following receipt of a written request for a hearing timely filed under 15 CFR 904.102, the Administrator will begin procedures under this section by forwarding the request, a copy of the NOVA, and any response thereto to the Department of Commerce, Office of Administrative Law Judges.

(b) Subpart C of 15 CFR part 904 governs the hearing and appeal procedures for civil penalties assessed under the Act.

§ 971.1003 License and permit sanctions.

(a) *Application of this section.* This section governs the suspension or revocation of any license or permit issued under the Act, or the suspension or modification of any particular activity or activities under a license or permit, which suspension, revocation or modification is undertaken in addition to, or in lieu of, imposing a civil penalty under this subpart, or in addition to imposing a fine.

(b) *Basis for sanctions.* The Administrator may act under this section with respect to a license or permit issued under the Act, or any particular activity or activities under such a license or permit, if the licensee or permittee substantially fails to comply with any provision of the Act, any regulation or

order issued under the Act, or any term, condition, or restriction in the license or permit.

(c) *Nature of sanctions.* In the Administrator's discretion and subject to the requirements of this section, the Administrator may take any of the following actions or combinations thereof with respect to a license or permit issued under the Act:

- (1) Revoke the license or permit;
- (2) Suspend the license or permit, either for a specified period of time or until certain stated requirements are met, or both; or
- (3) Modify any activity under the license or permit, as by imposing additional requirements or restraints on the activity.

(d) *Notice of sanction.* (1) The Administrator will prepare a notice of sanction (NoS) setting forth the sanction to be imposed and the basis therefore. The NoS will state:

- (i) A concise statement of the facts believed to show a violation;
- (ii) A specific reference to the provisions of the Act, regulation, license or permit, or order allegedly violated;
- (iii) The nature and duration of the proposed sanction;
- (iv) The effective date of the sanction, which is 30 days after the date of the notice unless the Administrator establishes a different effective date under paragraph (d)(4) or paragraph (e) of this section;
- (v) That the licensee or permittee has 30 calendar days from receipt of the notice in which to request or waive a hearing, under paragraph (f) of this section; and
- (vi) The determination made by the Administrator under paragraph (e)(1) of this section, and any time period that the Administrator provides the licensee or permittee under paragraph (e)(1) to correct a deficiency.

(2) If a hearing is requested in a timely manner, the sanction becomes effective as provided in the final decision of the Administrator issued pursuant to paragraph (g) of this section, unless the Administrator provides otherwise under paragraph (d)(4) of this section.

(3) The NoS will be served personally or by registered or certified mail, return receipt requested, on the licensee or permittee. The Administrator will

also publish in the FEDERAL REGISTER a notice of his intention to impose a sanction.

(4) The Administrator may make the sanction effective immediately or otherwise earlier than 30 days after the date of the NoS if the Administrator finds, and issues an emergency order summarizing such finding and the basis therefor, that an earlier date is necessary to:

- (i) Prevent a significant adverse environmental effect; or
- (ii) Preserve the safety of life and property at sea.

If the Administrator acts under this paragraph (d)(4), the Administrator will serve the emergency order as provided in paragraph (d)(3) of this section.

(5) The NoS will be accompanied by a copy of this subpart and the applicable provisions of 15 CFR part 904 and 15 CFR part 971, subpart I.

(e) *Opportunity to correct deficiencies.* (1) Prior to issuing the NoS, the Administrator will determine whether the reason for the proposed sanction is a deficiency which the licensee or permittee can correct. Such determination, and the basis therefor, will be set forth in the NoS.

(2) If the Administrator determines that the reason for the proposed sanction is a deficiency which the licensee or permittee can correct, the Administrator will allow the licensee or permittee a reasonable period of time, up to 180 days from the date of the NoS, to correct the deficiency. The NoS will state the effective date of the sanction, and that the sanction will take effect on that date unless the licensee or permittee corrects the deficiency within the time prescribed or unless the Administrator grants an extension of time to correct the deficiency under paragraph (e)(3) of this section.

(3) The licensee or permittee may, within the time period prescribed by the Administrator under paragraph (e)(2) of the section, request an extension of time to correct the deficiency. The Administrator may, for good cause shown, grant an extension. If the Administrator does not grant the request, either orally or in writing before the effective date of the sanction, the request will be considered denied.

(4) When the licensee or permittee believes that the deficiency has been corrected, the licensee or permittee shall so advise the Administrator in writing. The Administrator will, as soon as practicable, determine whether or not the deficiency has been corrected and advise the licensee or permittee of such determination.

(5) If the Administrator determines that the deficiency has not been corrected by the licensee or permittee within the time prescribed under paragraph (e)(2) or (e)(3) of this section, the Administrator may:

(i) Grant the licensee or permittee additional time to correct the deficiency, for good cause shown;

(ii) If no hearing has been timely requested under paragraph (f)(1) of this section, notify the licensee or permittee that the sanction will take effect as provided in paragraph (e)(2) or (e)(3) of this section; or

(iii) If a request for hearing has been timely filed under paragraph (f)(1) of this section, and hearing proceedings have not already begun, or if the Administrator determines under paragraph (f)(3) of this section to hold a hearing, notify the licensee or permittee of the Administrator's intention to proceed to a hearing on the matter.

(f) *Opportunity for hearing.* (1) The licensee or permittee has 30 days from receipt of the NoS to request a hearing. However, no hearing is required with respect to matters previously adjudicated in an administrative or judicial hearing in which the licensee or permittee has had an opportunity to participate.

(2) If the licensee or permittee requests a hearing, a written and dated request shall be served either in person or by certified or registered mail, return receipt requested, at the address specified in the NoS. The request shall either attach a copy of the relevant NoS or refer to the relevant NOAA case number.

(3) If no hearing is requested under paragraph (f)(2) of this section, the Administrator may nonetheless order a hearing if the Administrator determines that there are material issues of fact, law, or equity to be further explored.

(g) *Hearing and decision.* (1) If a timely request for a hearing under paragraph (f) of this section is received, or if the Administrator orders a hearing under paragraph (f)(3) of this section, the Administrator will promptly begin proceedings under this section by forwarding the request, a copy of the NoS and any response thereto to the Department of Commerce Office of Administrative Law Judges which will docket the matter for hearing. Written notice of the referral will promptly be given to the licensee or permittee, with the name and address of the attorney representing the Administrator in the proceedings (the agency representative). Thereafter, all pleading and other documents must be filed directly with the Department of Commerce Office of Administrative Law Judges, and a copy must be served on the opposing party (respondent or agency representative).

(2) Except as provided in this section, the hearing and appeal procedures in 15 CFR part 904, subpart C apply to any hearing held under this section.

(3) If the proposed sanction is the result of a correctable deficiency, the hearing will proceed concurrently with any attempt to correct the deficiency unless the parties agree otherwise or the Administrative Law Judge orders differently.

(4) As soon as practicable, but normally not later than 90 days after the conclusion of the formal hearing, the judge will file with the Administrator a recommended decision prepared in accordance with § 971.901(h)(2).

(5) The Administrator will issue a final decision in accordance with § 971.901(h)(3). The decision will be a final order of the Administrator.

(6) The Administrator will serve notice of the final decision on the licensee or permittee in the manner described by paragraph (d)(3) of this section.

§ 971.1004 Remission or mitigation of forfeitures.

(a) Authorized enforcement officers are empowered by section 304 of the Act to seize any vessel (together with its gear, furniture, appurtenances, stores, and cargo) which reasonably appears to have been used in violation of

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the Act, if necessary to prevent evasion of the enforcement of this Act, or of any regulation, order or license or permit issued pursuant to the Act. Enforcement agents may also seize illegally recovered or processed hard mineral resources, as well as other evidence related to a violation. Section 306 of the Act provides for the judicial forfeiture of vessels and hard mineral resources.

(b) Subpart F of 15 CFR part 904 governs procedures regarding seized property that is subject to forfeiture or has been forfeited under the Act, including the remission or mitigation of forfeitures.

(c) Unless otherwise directed in a notice concerning the seized property, a petition for relief from forfeiture under the Act and pursuant to 15 CFR 904.506(b) shall be addressed to the Administrator and filed with the Ocean Minerals and Energy Division at the address specified in §971.200(b).

§971.1005 Observers.

(a) *Purpose of observers.* Each licensee and permittee shall allow, at such times and to such extent as the Administrator deems reasonable and necessary, an observer (as used in this section, the term “observer” means “one or more observers”) duly authorized by the Administrator to board and accompany any vessel used by the licensee or permittee in exploration or commercial recovery activities (hereafter referred to in this section as a “vessel”), for the purpose of observing, evaluating and reporting on:

(1) The effectiveness of the terms, conditions, and restrictions of the license or permit;

(2) Compliance with the Act, regulations and orders issued under the Act, and the license or permit terms, conditions, and restrictions; and

(3) The environmental and other effects of the licensee’s or permittee’s activities under the license or permit.

(b) *Notice to licensee or permittee.* (1) If the Administrator plans to place an observer aboard a vessel, the Administrator will so notify the affected licensee or permittee.

(2) The Administrator normally will issue any such notice as far in advance

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of placement of the observer as is practicable.

(3) *Contents of notice.* The notice given by the Administrator will include, among other things:

(i) The name of the observer, if known at the time notice is issued;

(ii) The length of time which the observer likely will be aboard the vessel;

(iii) Information concerning activities the observer is likely to conduct, such as:

(A) Identification of special activities that the observer will monitor;

(B) Planned tests of equipment used for monitoring;

(C) Activities of the observer that are likely to require assistance from the vessel’s personnel or crew or use of the vessel’s equipment; and

(D) Planned tests of alternative operating procedures or technologies for mitigation of environmental effects.

(iv) Information concerning the equipment that will be brought aboard the vessel, such as a description of the monitoring equipment, and any special requirements concerning the handling, storage, location or operation of, or the power supply for, the equipment.

(c) *Initial monitoring period.* The Administrator shall require the placement of an observer on each permittee’s mining vessel(s) at least once during the initial year of the permittee’s commercial recovery activities.

(d) *Licensee’s and permittee’s responsibilities for observer placement.* (1) Upon request by the Administrator, a licensee or permittee shall facilitate observer placement by promptly notifying the Administrator regarding the timing of planned system tests and the departure date of the next voyage, or, if the vessel is at sea, suggesting a time and method for transporting the observer to the vessel.

(2) In addition, the licensee or permittee shall notify NOAA of the date of departure of planned cruises 60 days in advance of ship departure from port for purposes of NOAA’s determination of whether to place Federal observers onboard. If cruise plans are changed by more than 30 days from the date stated by the exploration or commercial recovery plan, the licensee or permittee shall notify NOAA as soon as such

changes are made, or 90 days prior to the previously scheduled departure.

(e) *Duties of licensee, permittee, owner or operator.* Each licensee, permittee, owner or operator of a vessel aboard which an observer is assigned shall:

(1) Allow the observer access to and use of the vessel's communications equipment and personnel when the observer deems such access necessary for the transmission and receipt of messages;

(2) Allow the observer access to and use of the vessel's navigation equipment and personnel when the observer deems such access necessary to determine the vessel's location;

(3) Provide all other reasonable cooperation and assistance to enable the observer to carry out the observer's duties; and

(4) Provide temporary accommodations and food to the observer aboard the vessel which are equivalent to those provided to officers of the vessel.

(f) *Reasonableness of observer activities.*

(1) To the maximum extent practicable, observation duties will be planned and carried out in a manner that minimizes interference with the licensee's or permittee's activities under the license or permit.

(2) The Administrator will assure that equipment brought aboard a vessel by the observer is reasonable as to size, weight, and electric power and storage requirements, taking into consideration the necessity of the equipment for carrying out the observer's functions.

(3) The observer will have no authority over the operation of the vessel or its activities, or the officers, crew, or personnel of the vessel. The observer will comply with all rules and regulations issued by the licensee or permittee, and all orders of the Master or senior operations official, with respect to ensuring safe operation of the vessel and the safety of its personnel.

(g) *Non-interference with observer.* Licensees, permittees and other persons are reminded that the Act (see, for example, sections 301(3) and 301(4)) makes it unlawful for any person subject to section 301 of the Act to interfere with any observer in the performance of the observer's duties.

(h) *Confidentiality of information.* NOAA recognizes the possibility that an observer, in performing observer functions, will record information which the licensee or permittee considers to be proprietary. NOAA intends to protect such information consistent with applicable law. The Administrator may in appropriate cases provide the licensee or permittee an opportunity:

(1) To review those parts of the observer's report which may contain proprietary information; and

(2) To request confidential treatment of such information under § 971.802.

§ 971.1006 Proprietary enforcement information.

(a) Proprietary and privileged information seized or maintained under Title III of the Act concerning a person or vessel engaged in commercial recovery will not be made available for general or public use or inspection.

(b) Although presentation of evidence in a proceeding under this subpart is not deemed general or public use of information, the Administrator will, consistent with due process, move to have records sealed, under 15 CFR part 904 subpart C, or other applicable provisions of law, in any administrative or judicial proceeding where the use of proprietary or privileged information is required to serve the purpose of the Act.

§ 971.1007 Advance notice of civil actions.

(a) *Actions against alleged violators.* (1) No civil action may be filed in a United States District Court under section 117 of the Act against any person for alleged violation of the Act, or any regulation, or license or permit term, condition, or restriction issued under the Act, until 60 days after the Administrator and any alleged violator receive written and dated notice of alleged violation.

(2) The notice shall contain:

(i) A concise statement of the facts believed to show a violation;

(ii) A specific reference to the provisions of the Act, regulation or license or permit allegedly violated; and

(iii) Any documentary or other evidence of the alleged violation.

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(b) *Action against the Administrator.* (1) No civil action may be filed in a United States District Court under section 117 of the Act against the Administrator for an alleged failure to perform any act or duty under the Act which is not discretionary until 60 days after receipt by the Administrator of a written and dated notice of intent to file the action.

(2) The notice shall contain:

(i) A specific reference to the provisions of the Act, regulation or permit

believed to require the Administrator to perform a nondiscretionary act or duty;

(ii) A precise description of the nondiscretionary act or duty believed to be required by such provision;

(iii) A concise statement of the facts believed to show a failure to perform the act or duty; and

(iv) Any documentary or other evidence of the alleged failure to perform the act or duty.