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[FR Doc. 93-5765 Filed 3-17-93; 8:45 am]

BILLING CODE 4830-01-M

DEPARTMENT OF TRANSPORTATION**Research and Special Programs
Administration****49 CFR Parts 192, 193, and 195**

[Docket No. PS-131]

RIN 2137 AC13

**Update of Standards Incorporated by
Reference****AGENCY:** Research and Special Programs
Administration (RSPA), DOT.**ACTION:** Final rule.

SUMMARY: This final rule updates existing references to voluntary specifications and standards to reflect more recent published editions of each document. Many currently referenced editions are outdated and some are out-of-print. This final rule will enable pipeline operators to utilize current technology, materials, and practices, thereby reducing costs and enhancing economic growth consistent with the President's goals of regulatory review.

EFFECTIVE DATE: This final rule takes effect April 19, 1993.

FOR FURTHER INFORMATION CONTACT: Christina M. Sames, (202) 366-4561, regarding the contents of this final rule; or the Dockets Unit, (202) 366-4453, for copies of this final rule or other material in the docket.

SUPPLEMENTARY INFORMATION:**Background**

In a January 28, 1992, memorandum, President Bush wrote to Department and agency heads about the need to reduce the burden of government regulation. The President was concerned that regulations which do not keep pace with new technologies and innovations impose needless costs and impede economic growth.

In response to the President's memorandum, DOT published a notice requesting public comment on the Department's regulatory programs (57 FR 4745; February 7, 1992). Commenters were asked to identify regulations which substantially impede economic growth, may no longer be necessary, are unnecessarily burdensome, impose needless costs or red tape, or overlap or conflict with

other DOT or Federal regulations. The deadline for submitting comments was March 2, 1992.

RSPA received comments from 39 persons and organizations about its pipeline safety regulations. Most of the comments came from regulated pipeline companies, pipeline trade associations and state pipeline safety agencies. In response to these comments, RSPA will publish several Notices of Proposed Rulemakings (NPRMs) concerning changes to miscellaneous gas, liquefied natural gas, hazardous liquid and carbon dioxide pipeline safety standards. RSPA expects these changes to provide clarity, eliminate unnecessary or overly burdensome requirements, and foster economic growth. A NPRM titled "Regulatory Review: Gas Pipeline Safety Standards" (57 FR 39572; August 31, 1992) and a future NPRM titled "Regulatory Review: Hazardous Liquid and Carbon Dioxide Pipeline Safety Standards" reference this "Update of Standards Incorporated by Reference."

Among its comments to the DOT notice, the Interstate Natural Gas Association of America (INGAA) recommended RSPA update references to voluntary standards to reflect the latest published editions of those standards. INGAA stated it was essential the references be kept current in order to allow operators to take advantage of the latest editions of specifications and standards.

Parts 192, 193, and 195 incorporate by reference all or portions of 44 different documents containing practices, codes, standards, and specifications developed and published by technical organizations. Many of the editions currently referenced are now out-of-print or obsolete. Since later published editions utilize or are based on up-to-date technology, some aspects of pipeline design and construction may be unnecessarily burdened by requiring compliance with earlier referenced editions.

To avoid this unnecessary burden and allow operators to take advantage of the technological improvements in methods and materials, this final rule updates references to documents to later published editions of those documents. The later editions referenced are set forth below by name and date in amendments to appendixes A and B of part 192, appendix A of part 193, and § 195.3.

Summary of Editorial Changes

Besides adopting later published editions of documents incorporated by reference, this final rule also makes the

following associated editorial changes to parts 192, 193, and 195.

General

In parts 192, 193, and 195, all references to NFPA are amended to read ANSI/NFPA.

In parts 192, 193, and 195, all references to ANSI are amended to read ASME/ANSI.

In parts 192 and 195, all references to ASTM A 333 are amended to read ASTM A 333/A 333M.

The address for the American National Standards Institute (ANSI) has been changed. The correct address is 11 West 42nd Street, New York, NY 10036. Parts 192, 193, and 195 are amended to reflect this change.

The address for the American Petroleum Institute (API) has been changed. The correct address is 1220 L Street, NW., Washington, DC 20005. Parts 192, 193, and 195 are amended to reflect this change.

The address for the Manufacturers Standardization Society of the Valve and Fittings Industry (MSS) has been changed. The correct address is 127 Park Street, NE., Vienna, VA 22180. Parts 192 and 195 are amended to reflect this change.

The address for the National Fire Protection Association (NFPA) has been changed. The correct address is 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101. Parts 192 and 193 are amended to reflect this change.

Part 192

Section 192.7(b) is clarified by adding "400 Seventh Street SW." after "Administration" and "in accordance with 5 U.S.C. 552(a) and 1 CFR part 51" after the second "Federal Register."

Section 192.11(a) is amended by removing "NFPA Standards" from the term "NFPA Standards No. 58 and No. 59" and adding "ANSI/NFPA" in its place.

Section 192.55(e) is amended by removing the word "Standard" and adding "Specification" in its place.

Section 192.65(a) is amended by removing the 1972 edition date of API Recommended Practice 5L1. This edition has been superseded and the latest edition is referenced in appendix A of part 192. Section 192.65(a) is also amended by deleting "* * *", except that before February 25, 1975, the transportation may be performed in accordance with the 1967 edition of API RP5L1." This wording no longer serves a useful purpose and the deletion will help clarify the current regulation.

Section 192.153(a) is clarified by adding "Division 1" after "section VIII."

Section 192.153(b) is clarified by adding "section VIII, Division 1, or

section VIII, Division 2 of" prior to "the ASME Boiler and Pressure Vessel Code."

Section 192.177(b)(1) and appendix A are amended by removing the term "ASTM A 372" and adding "ASTM A 372/A 372M" in its place.

Section 192.281, paragraphs (b)(2) and (d)(1), are amended by removing the word "Specification" and adding "Designation" in its place.

The American Society for Testing and Materials has amended and redesignated paragraphs 8.6 and 8.7 of ASTM D 2513 to paragraphs 6.6 and 6.7. Section 192.283(a)(1)(i) is amended to reflect this change.

Section 192.283(a)(1)(ii) is amended by removing the title to paragraph 8.5 of ASTM D 2517, "Minimum Hydrostatic Burst Pressure," and adding "Short-Term Rupture Strength (Minimum Hoop Stress)" in its place.

Section 192.283(b)(1) is amended by removing "-77a" from "D638-77a." The 1977a edition of ASTM D 638 has been superseded and the latest edition is referenced in appendix A of part 192.

Part 192, appendix A, is amended to include "ASME Boiler and Pressure Vessel Code, Section VIII, Division 2—Pressure Vessels Alternative Rules." This standard was inadvertently omitted.

Part 192, appendix A, is amended by removing standards NFPA 30, "Flammable and Combustible Liquids Code," and NFPA 59A, "Storage and Handling of Liquefied Petroleum Gases." These standards are no longer referenced in part 192.

Part 193

The American National Standards Institute has discontinued specification ANSI A 58.1, "Building Code Requirements for Minimum Design Loads in Buildings and Other Structures." The American Society of Civil Engineers has replaced ANSI A 58.1 with standard ASCE 7-88, "Minimum Design Loads for Buildings and Other Structures." Sections 193.2067(b)(1), 193.2109(c), and appendix A of part 193 are amended to reflect this change.

Section 193.2013(b) is amended by adding "These materials have been approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51." after the first sentence.

Section 193.2141(a) is amended by removing "7-62" and adding "7-6.2" in its place.

The American Concrete Institute has discontinued specification ACI-311-75, "Recommended Practice for Concrete Inspection," and in its place has

published: (1) ACI-311.4R-88, "Guide for Concrete Inspection," and (2) ACI-311.5R-88, "Batch Plant Inspection and Field Testing of Ready-Mixed Concrete." Section 193.2307(b) and appendix A of part 193 are amended to reflect this change.

The American National Standards Institute has amended and redesignated specification ANSI B31.3, section 337, to section 345. Section 193.2319(b) is amended to reflect this change.

Section 193.2321(d) is amended by removing "0.7.6" and adding "Q.7.6" in its place.

The American Petroleum Institute has amended API Standard 620, sections Q8 and Q9, to sections Q8, Q9, and Q10. Section 193.2327(a) is amended to reflect this change.

The National Fire Protection Association has amended and redesignated specification NFPA 70, section 500-4, to section 500-5. Sections 193.2433(a)(2) and 193.2805(a)(2) are amended to reflect this change.

Section 193.2805(a)(2) is amended by removing "MFPA" and adding "ANSI/NFPA" in its place.

Part 193, appendix A, is amended by removing the address listed for the International Conference of Building Officials and inserting in its place 5360 South Workman Mill Road, Whittier, CA 90601.

Part 193, appendix A, is amended by adding the address for the American Society of Civil Engineers (ASCE). The address is 345 East 47th Street, New York, NY 10017-2398.

Marking of Fittings

Section 192.63(a)(1) requires pipeline fittings to be marked according to the specifications to which the fitting was manufactured. Thermoplastic fittings made according to the 1987 edition of ASTM D 2513 (the edition part 192 currently incorporates by reference) that are intended for use at elevated temperatures (greater than 73 °F (23 °C)) must be marked to identify certain temperature ratings. However, the 1990c edition of ASTM D 2513, which this final rule incorporates by reference as an update of the 1987 edition, does not require this elevated temperature marking. RSPA believes this temperature marking is still essential to ensure that thermoplastic fittings designed for use at lower temperatures are not incorrectly used at elevated temperatures. Therefore, § 192.63(a)(1) has been amended to reference the 1987 edition for the purpose of marking thermoplastic fittings.

Final Rule

Because this final rule merely updates existing references to voluntary standards to later published editions of these standards, it does not significantly affect compliance or enforcement burdens. Therefore, prior notice and opportunity for public comment are unnecessary; and, under 5 U.S.C. 503, the changes to Parts 192, 193, and 195 are final, effective as stated above under "Effective Date."

Impact Assessment

The final rule is not major under Executive Order 12291. That Order defines a major rule as one that has an annual effect on the economy of \$100 million, major increase in costs, or a significant adverse effect on the economy. In addition, the final rule is not "significant" under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979).

RSPA estimates this final rule will result in an estimated annual savings of \$3,750,000 for the natural gas pipeline industry, \$95,000 for the liquefied natural gas pipeline industry, and \$179,000 for the hazardous liquid pipeline industry with no adverse effect on safety. These amounts are based on an estimated annual savings per operator of \$50 per updated standard incorporated by reference. These savings would come largely from the use of new and improved technology.

Regulatory Flexibility Act

RSPA certifies under Section 605 of the Regulatory Flexibility Act that this final rule will not have a significant economic impact on a substantial number of small entities.

E.O. 12612

RSPA has analyzed this action in accordance with principles and criteria of Executive Order 12612 (52 FR 41685; October 26, 1987), and has determined that it does not have sufficient Federalism implications to warrant preparing a Federalism Assessment.

List of Subjects

49 CFR Part 192

Incorporation by reference, Natural gas, Pipeline safety.

49 CFR Part 193

Incorporation by reference, Liquefied natural gas (LNG), Pipeline safety.

49 CFR Part 195

Anhydrous ammonia, Carbon dioxide, Incorporation by references, Petroleum, Pipeline safety.

In consideration of the foregoing, RSPA amends 49 CFR parts 192, 193, and 195 as follows:

PART 192—[AMENDED]

1. The authority citation for part 192 continues to read as follows:

Authority: 49 App. U.S.C. 1672 and 1804; 49 CFR 1.53.

2. Section 192.7(b) is revised to read as follows:

§ 192.7 Incorporation by reference.

(b) All incorporated materials are available for inspection in the Research and Special Programs Administration, 400 Seventh Street, SW., Washington, DC, and at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC. These materials have been approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. In addition, the incorporated materials are available from the respective organizations listed in Appendix A to this part.

§ 192.11 [Amended]

3. Section 192.11(a) is amended by removing the term "NFPA Standards" and adding "ANSI/NFPA" in its place.

§ 192.55 [Amended]

4. Section 192.55(e) is amended by removing the word "Standard" and adding "Specification" in its place.

5. Section 192.63 is amended by revising paragraphs (a) introductory text and (a)(1) to read as follows:

§ 192.63 Marking of materials.

(a) Except as provided in paragraph (d) of this section, each valve, fitting, length of pipe, and other component must be marked—

(1) As prescribed in the specification or standard to which it was manufactured, except that thermoplastic fittings must be marked in accordance with the 1987 edition of ASTM D 2513; or

6. Section 192.65(a) is revised to read as follows:

§ 192.65 Transportation of pipe.

(a) The transportation is performed in accordance with API RP 5L1.

§ 192.113 [Amended]

7. Section 192.113 is amended by removing the term "ASTM A 333" and adding "ASTM A 333/A 333M" in its place.

§ 192.147 [Amended]

8. In § 192.147, paragraphs (a) and (c) are amended by removing the term "ANSI" and adding "ASME/ANSI" in its place.

9. In § 192.153, paragraphs (a) and (b) introductory text are revised to read as follows:

§ 192.153 Components fabricated by welding.

(a) Except for branch connections and assemblies of standard pipe and fittings joined by circumferential welds, the design pressure of each component fabricated by welding, whose strength cannot be determined, must be established in accordance with paragraph UG-101 of section VIII, Division 1, of the ASME Boiler and Pressure Vessel Code.

(b) Each prefabricated unit that uses plate and longitudinal seams must be designed, constructed, and tested in accordance with section VIII, Division 1, or section VIII, Division 2 of the ASME Boiler and Pressure Vessel Code, except for the following:

10. Section 192.163(e) is revised to read as follows:

§ 192.163 Compressor stations: design and construction.

(e) *Electrical facilities.* Electrical equipment and wiring installed in compressor stations must conform to the National Electrical Code, ANSI/NFPA 70, so far as that code is applicable.

§ 192.177 [Amended]

11. Section 192.177(b)(1) is amended by removing the term "A 372" and adding "A 372/A 372M" in its place.

§ 192.279 [Amended]

12. Section 192.279 is amended by removing the word "ANSI" and adding "ASME/ANSI" in its place.

§ 192.281 [Amended]

13. In § 192.281, paragraphs (b)(2) and (d)(1) are amended by removing the word "Specification" and adding "Designation:" in its place.

14. In § 192.283, paragraphs (a)(1)(i), (a)(1)(ii), and (b)(1) are revised to read as follows:

§ 192.283 Plastic Pipe; qualifying joining procedures.

- (a) * * *
- (1) * * *

(i) In the case of thermoplastic pipe, paragraph 6.6 (Sustained Pressure Test) or paragraph 6.7 (Minimum Hydrostatic Burst Pressure (Quick Burst)) of ASTM D 2513; or

(ii) In the case of thermosetting plastic pipe, paragraph 8.5 (Short-Term

Rupture Strength (Minimum Hoop Stress)) or paragraph 8.9 (Sustained Static Pressure Tests) of ASTM D 2517.

- (b) * * *

(1) Use an apparatus for the test as specified in ASTM D 638 (except for conditioning).

15. Appendix A to part 192 is revised to read as follows:

Appendix A—Incorporated by Reference

I. List of Organizations and Addresses

A. American National Standards Institute (ANSI), 11 West 42nd Street, New York, NY 10036.

B. American Petroleum Institute (API), 1220 L Street, NW., Washington, DC 20005.

C. The American Society of Mechanical Engineers (ASME), United Engineering Center, 345 East 47th Street, New York, NY 10017.

D. American Society for Testing and Materials (ASTM), 1916 Race Street, Philadelphia, PA 19103-1187.

E. Manufacturers Standardization Society of the Valve and Fittings Industry, Inc. (MSS), 127 Park Street, NW., Vienna, VA 22180.

F. National Fire Protection Association (NFPA), 1 Batterymarch Park, P.O. 9101, Quincy, MA 02269-9101.

II. Documents Incorporated by Reference (Numbers in Parentheses Indicate Applicable Editions)

A. American Petroleum Institute (API):
1. API Specification 5L "Specification for Line Pipe" (40th edition, 1992).

2. API Recommended Practice 5L1 "Recommended Practice for Railroad Transportation of Line Pipe" (4th edition, 1990).

3. API Specification 6D "Specification for Pipeline Valves (Gate, Plug, Ball, and Check Valves)" (20th edition, 1991).

4. API Standard 1104 "Welding of Pipelines and Related Facilities" (17th Edition, 1988).

B. The American Society of Testing and Materials (ASTM):

1. ASTM Designation: A 53 "Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless" (A 53-90b).

2. ASTM Designation: A 106 "Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service" (A 106-91).

3. ASTM Designation: A 333/A 333M "Standard Specification for Seamless and Welded Steel Pipe for Low-Temperature Service" (A 333/A 333M-91a).

4. ASTM Designation: A 372/A 372M "Standard Specification for Carbon and Alloy Steel Forgings for Thin-Walled Pressure Vessels" (A 372/A 372M-91a).

5. ASTM Designation: A 381 "Standard Specification for Metal-Arc-Welded Steel Pipe for Use With High-Pressure Transmission Systems" (A 381-89).

6. ASTM Designation: A 671 "Standard Specification for Electric-Fusion-Welded

Steel Pipe for Atmospheric and Lower Temperatures" (A 671-89a).

7. ASTM Designation: A 672 "Standard Specification for Electric-Fusion-Welded Steel Pipe for High-Pressure Service at Moderate Temperatures" (A 672-89b).

8. ASTM Designation: A691 "Standard Specification for Carbon and Alloy Steel Pipe, Electric-Fusion-Welded for High-Pressure Service at High Temperatures" (A 691-89a).

9. ASTM Designation: D 638 "Standard Test Method for Tensile Properties of Plastics" (D 638-91).

10. ASTM Designation: D 2513 "Standard Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings" (D 2513-87 edition for § 192.63(a)(1), otherwise D 2513-90c edition).

11. ASTM Designation: D 2517 "Standard Specification for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings" (D 2517-81, reapproved 1987).

C. The American Society of Mechanical Engineers (ASME):

1. ASME/ANSI B16.1 "Cast Iron Pipe Flanges and Flanged Fittings" (1989).

2. ASME/ANSI B16.5 "Pipe Flanges and Flanged Fittings" (1988 with October 1988 Errata and ASME/ANSI B16.5a-1992 Addenda).

3. ASME Boiler and Pressure Vessel Code, Section VIII, Division 1 "Pressure Vessels" (1992 with Interpretations, Volume 30, dated July 1992).

4. ASME Boiler and Pressure Vessel Code, Section VIII, Division 2 "Pressure Vessels: Alternative Rules" (1992 with Interpretations, Volume 30, dated July 1992).

5. ASME Boiler and Pressure Vessel Code, Section IX "Welding and Brazing Qualifications" (1992 with Interpretations, Volume 30, dated July 1992).

D. Manufacturers Standardization Society of the Valve and Fittings Industry, Inc. (MSS):

1. MSS SP-44 "Steel Pipe Line Flanges" (1991).

2. [Reserved]

E. National Fire Protection Association (NFPA):

1. ANSI/NFPA 58 "Standard for the Storage and Handling of Liquefied Petroleum Gases" (1992).

2. ANSI/NFPA 59 "Standard for the Storage and Handling of Liquefied Petroleum Gases at Utility Gas Plants" (1992).

3. ANSI/NFPA 70 "National Electrical Code" (1993).

16. Section I of appendix B to part 192 is revised to read as follows:

Appendix B—Qualification of Pipe

I. Listed Pipe Specifications (Numbers in Parentheses Indicate Applicable Editions)

API 5L—Steel pipe (1992).

ASTM A 53—Steel pipe (1990b).

ASTM A 106—Steel pipe (1991).

ASTM A 333/A 333M—Steel pipe (1991a).

ASTM A 381—Steel pipe (1989).

ASTM A 671—Steel pipe (1989a).

ASTM A 672—Steel pipe (1989b).

ASTM A 691—Steel pipe (1989a).

ASTM D 2513—Thermoplastic pipe and tubing (1990c).

ASTM D 2517—Thermosetting plastic pipe and tubing (1981, reapproved 1987).

PART 193—[AMENDED]

17. The authority citation for part 193 continues to read as follows:

Authority: 49 App. U.S.C. 1671 *et seq.*; and 49 CFR 1.53.

§§ 193.2005, 193.2073, 193.2147, 193.2149, 193.2213, 193.2427, 193.2811, 193.2813, 193.2817, 193.2819, 193.2821 [Amended]

18. Part 193 is amended by removing the term "NFPA" wherever it appears in the following sections and adding in its place "ANSI/NFPA":

Sections 193.2005(c), 193.2073(b), 193.2147, 193.2149(c), 193.2213, 193.2427(d), 193.2811, 193.2813, 193.2817(b) introductory text, 193.2819(a), 193.2819(d), 193.2819(f), and 193.2821(b).

§§ 193.2113, 193.2123, 193.2127, 193.2229, 193.2315, 193.2321 [Amended]

19. Part 193 is amended by removing the word "ANSI" wherever it appears in the following sections and inserting in its place "ASME/ANSI":

Sections 193.2113(b); 193.2123(a); 193.2127(a), 193.2127(d), 193.2127(e); 193.2229(b)(3), 193.2315(d), and 193.2321(b).

20. Section 193.2013(b) is revised to read as follows:

§ 193.2113 Incorporation by reference.

(b) All incorporated materials are available for inspection in the Research and Special Programs Administration, 400 Seventh Street, SW., Washington, DC, and at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC. These materials have been approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. In addition, the incorporated materials are available from the respective organizations listed in appendix A to this part.

§ 193.2067 [Amended]

21. Section 193.2067(b)(1) is amended by removing the term "ANSI A 58.1, 1972 edition" and adding "ASCE 7-88" in its place.

§ 193.2109 [Amended]

22. Section 193.2109(c) is amended by removing the term "ANSI A 58.1" and adding "ASCE 7-88" in its place.

23. Section 193.2141 is revised to read as follows:

§ 193.2141 Electrical Systems.

(a) Each operator shall select and install electrical equipment and wiring for components in accordance with ANSI/NFPA 70 and, where applicable, section 7-6.2 of ANSI/NFPA 59A.

(b) Electrical grounding and bonding must be in accordance with section 7-7.1.1 of ANSI/NFPA 59A.

(c) Protective measures for stray or impressed currents must be provided in accordance with section 7-7.3 of ANSI/NFPA 59A.

24. Section 193.2307(b) is revised to read as follows:

§ 193.2307 Inspection.

(b) In addition to the requirements of paragraph (a) of this section, the construction of concrete storage tanks must be inspected in accordance with ACI 311.4R-88 or ACI 311.5R-88.

25. Section 193.2319(b) is revised to read as follows:

§ 193.2319 Strength tests.

(b) For piping, the test required by paragraph (a) of this section must include a pressure test conducted in accordance with section 345 of ASME/ANSI B31.3, except that test pressures must be based on the design pressure. Carbon and low alloy steel piping must be pressure tested above their nil ductility transition temperature.

§ 193.2321 [Amended]

26. Section 193.2321(d) is amended by removing "0.7.6" and adding "Q.7.6" in its place.

27. Section 193.2327(a) is revised to read as follows:

§ 193.2327 Storage tank tests.

(a) In addition to other applicable requirements of this subpart, storage tanks for cryogenic fluids with internal design pressures of not more than 15 psig must be tested in accordance with sections Q8, Q9, and Q10 of API 620, appendix Q, as applicable.

28. Section 193.2433(a)(2) is revised to read as follows:

§ 193.2433 Sensing devices.

(a) * * *
(2) Detect the presence of fire or combustible gas in areas determined in accordance with section 500-5 of ANSI/NFPA 70 to have a potential for presence of flammable fluids.

29. Section 193.2805(a)(2) is revised to read as follows:

§ 193.2805 Fire prevention plan.

(a) * * *

(2) Those areas, as described in section 500-5 of ANSI/NFPA 70, where the potential exists for the presence of flammable fluids in an LNG plant. Determinations made under this paragraph must be kept current.

30. Appendix A to part 193 is revised to read as follows:

Appendix A—Incorporated by Reference*I. List of Organizations and Addresses*

A. American Concrete Institute (ACI), Box 19150, Redford Station, Detroit, MI 48219-0150.

B. American Gas Association (AGA), 1515 Wilson Boulevard, Arlington, VA 22209.

C. American National Standards Institute (ANSI), 11 West 42nd Street, New York, NY 10036.

D. American Petroleum Institute (API), 1220 L Street, NW., Washington, DC 20005.

E. American Society of Mechanical Engineers (ASME), United Engineering Center, 345 East 47th Street, New York, NY 10017.

F. National Fire Protection Association (NFPA), 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101.

G. International Conference of Building Officials, 5360 South Workman Mill Road, Whittier, CA 90601.

H. American Society of Civil Engineers (ASCE), 345 East 47th Street, New York, NY 10017-2398.

II. Documents Incorporated by Reference. (Numbers in Parentheses Indicate Applicable Editions)

A. American Concrete Institute (ACI):

1. ACI Standard 311.4R-88 "Guide for Concrete Inspection" (1988).

2. ACI Standard 311.5R-88 "Batch Plant Inspection and Field Testing of Ready-Mixed Concrete" (1988).

B. American Gas Association (AGA):

1. "Evaluation of LNG Vapor Control Methods" (October 1974).

2. "Purging Principles and Practices" (1975).

C. American Society of Civil Engineers (ASCE):

1. ASCE 7-88 "Minimum Design Loads for Buildings and Other Structures" (1990).

D. American Petroleum Institute (API):

1. API Specification 6D "Specification for Pipeline Valves (Gate, Plug, Ball, and Check Valves)" (20th edition, 1991).

2. API Standard 620 "Design and Construction of Large, Welded, Low-Pressure Storage Tanks" (8th edition, 1990).

3. API Standard 1104 "Welding of Pipelines and Related Facilities" (17th edition, 1988, except the appendix).

E. American Society of Mechanical Engineers (ASME):

1. ASME/ANSI B31.3 "Chemical Plant and Petroleum Refinery Piping" (1990 with ASME/ANSI B31.3a-1990, B31.3b-1991, and B31.3c-1992 Addenda and Special Errata issued December 31, 1990).

2. ASME/ANSI B31.5 "Refrigeration Piping" (1987 with ASME/ANSI B31.5b-1991 and B31.5c-1992 Addenda).

3. ASME/ANSI B31.8 "Gas Transmission and Distribution Piping Systems" (1989 with ASME/ANSI B31.8a-1990, B31.8b-1990, B31.8c-1992 Addenda and Special Errata issued July 6, 1990 and Special Errata (Second) issued February 28, 1991).

4. ASME Boiler and Pressure Vessel Code, Section I "Power Boilers" (1992 with Interpretations, Volume 30, dated July 1992).

5. ASME Boiler and Pressure Vessel Code, Section IV "Heating Boilers" (1992 with Interpretations, Volume 30, dated July 1992).

6. ASME Boiler and Pressure Vessel Code, Section VIII, Division 1 "Pressure Vessels" (1992 with Interpretations, Volume 30, dated July 1992).

7. ASME Boiler and Pressure Vessel Code, Section VIII, Division 2 "Pressure Vessels: Alternative Rules" (1992 with Interpretations, Volume 30, dated July 1992).

8. ASME Boiler and Pressure Vessel Code, Section IX "Welding and Brazing Qualifications" (1992 with Interpretations, Volume 30, dated July 1992).

F. International Conference of Building Officials:

1. "Uniform Building Code" (UBC) (1991).

G. National Fire Protection Association (NFPA):

1. ANSI/NFPA 30 "Flammable and Combustible Liquids Code" (1990).

2. ANSI/NFPA 37 "Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines" (1990).

3. ANSI/NFPA 51B "Standard for Fire Prevention in Use of Cutting and Welding Processes" (1989).

4. ANSI/NFPA 59A "Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG)" (1972 edition for § 193.2005(c), otherwise 1990 edition).

5. ANSI/NFPA 70 "National Electrical Code" (1993).

PART 195—[AMENDED]

31. The authority citation for part 195 continues to read as follows:

Authority: 49 App. U.S.C. 2002; and 49 CFR 1.53.

32. In § 195.3, paragraphs (b) and (c) are revised to read as follows:

§ 195.3 Matter incorporated by reference.

* * * * *

(b) All incorporated materials are available for inspection in the Research and Special Programs Administration, 400 Seventh Street, SW., Washington, DC, and at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC. These materials have been approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. In addition, materials incorporated by reference are available as follows:

(1) American Petroleum Institute (API), 1220 L Street, NW., Washington, DC 20005.

(2) The American Society of Mechanical Engineers (ASME), United Engineering Center, 345 East 47th Street, New York, NY 10017.

(3) Manufacturers Standardization Society of the Valve and Fittings Industry, Inc. (MSS), 127 Park Street, NE., Vienna, VA 22180.

(4) American National Standards Institute (ANSI), 11 West 42nd Street, New York, NY 10036.

(5) American Society for Testing and Materials (ASTM), 1916 Race Street, Philadelphia, PA 19103-1187.

(c) The full title for the publications incorporated by reference in this part are as follows. Numbers in parenthesis indicate applicable editions:

(1) American Petroleum Institute (API):

(i) API Specification 5L "Specification for Line Pipe" (40th edition, 1992).

(ii) API Specification 6D "Specification for Pipeline Valves (Gate, Plug, Ball, and Check Valves)" (20th edition, 1991).

(iii) API Standard 1104 "Welding of Pipelines and Related Facilities" (17th edition, 1988).

(2) American Society of Mechanical Engineers (ASME):

(i) ASME/ANSI B16.9 "Factory-Made Wrought Steel Butt Welding Fittings" (1986).

(ii) ASME/ANSI B31.4 "Liquid Transportation Systems for Hydrocarbons, Liquid Petroleum Gas, Anhydrous Ammonia, and Alcohols" (1989 with ASME B31.4a-1991 Addenda).

(iii) ASME Boiler and Pressure Vessel Code, Section VIII, Division 1 "Pressure Vessels" (1992 with Interpretations, Volume 30, dated July 1992).

(iv) ASME Boiler and Pressure Vessel Code, Section IX "Welding and Brazing Qualifications" (1992 with Interpretations, Volume 30, dated July 1992).

(3) Manufacturers Standardization Society of the Valve and Fittings Industry, Inc. (MSS):

(i) MSS SP-75 "Specification for High Test Wrought Butt Welding Fittings" (1988).

(4) American Society for Testing and Materials (ASTM):

(i) ASTM Designation: A 53 "Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless"; (A 53-90b).

(ii) ASTM Designation: A 106 "Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service" (A 106-91).

(iii) ASTM Designation: A 333/A 333M "Standard Specification for

Seamless and Welded Steel Pipe for Low-Temperature Service" (A 333/A 333M-91a).

(iv) ASTM Designation: A 381 "Standard Specification for Metal-Arc-Welded Steel Pipe for Use with High-Pressure Transmission Systems" (A 381-89).

(v) ASTM Designation: A 671 "Standard Specification for Electric-Fusion-Welded Steel Pipe for Atmospheric and Lower Temperatures" (A 671-89a).

(vi) ASTM Designation: A 672 "Standard Specification for Electric-Fusion-Welded Steel Pipe for High-Pressure Service at Moderate Temperatures" (A 672-89b).

(vii) ASTM Designation: A 691 "Standard Specification for Carbon and Alloy Steel Pipe Electric-Fusion-Welded for High-Pressure Service at High Temperatures" (A 691-89a).

§ 195.106 [Amended]

33. Section 195.106(e) is amended by removing the term "ASTM A 333" and adding "ASTM A 333/A 333M" in its place.

§§ 195.110 and 195.118 [Amended]

34. Sections 195.110(a) and 195.118(a) are amended by removing the word "ANSI" and adding "ASME/ANSI" in its place.

Issued in Washington, DC on February 23, 1993.

Rose A. McMurray,

Acting Administrator for the Research and Special Programs Administration.

[FR Doc. 93-6257 Filed 3-17-93; 8:45 am]

BILLING CODE 4910-60-M

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

50 CFR Part 675

[Docket No. 921220-3040]

RIN 0648-AD18

Groundfish of the Bering Sea and Aleutian Islands Area

AGENCY: National Marine Fisheries Service (NMFS), NOAA, Commerce.

ACTION: Approval of a fishery management plan amendment; final rule; final 1993 specifications of Pacific halibut bycatch mortality allowances; closures.

SUMMARY: NMFS announces the approval of Amendment 21 to the Fishery Management Plan for the Groundfish Fishery of the Bering Sea

and Aleutian Islands Area (FMP). NMFS is also implementing a regulatory amendment that establishes Pacific halibut bycatch mortality limits for trawl and non-trawl gear fisheries in the Bering Sea and Aleutian Islands Area (BSAI). This action is taken under authority of Amendment 21.

Apportionments of the halibut bycatch mortality limits as bycatch allowances among fisheries and seasons for 1993 also are specified. NMFS is announcing closures of specified fisheries for vessels using trawl gear. These actions are intended to promote management and conservation of groundfish and other fish resources and to further the goals and objectives contained in the FMP.

EFFECTIVE DATE: March 17, 1993.

ADDRESSES: The final rule was analyzed as part of the environmental assessment/regulatory impact review/final regulatory flexibility analysis (EA/RIR/FRFA) prepared for Amendment 21 to the FMP. Individual copies of Amendment 21 and the EA/RIR/FRFA may be obtained from the North Pacific Fishery Management Council, P.O. Box 103136, Anchorage, Alaska 99510 (telephone 907-271-2809).

FOR FURTHER INFORMATION CONTACT:

Susan J. Salvesson, Fisheries Management Division, Alaska Region, NMFS, at 907-586-7228.

SUPPLEMENTARY INFORMATION: Domestic and foreign groundfish fisheries in the exclusive economic zone (EEZ) of the BSAI are managed by the Secretary of Commerce in accordance with the FMP. The FMP was prepared by the North Pacific Fishery Management Council (Council) under the Magnuson Fishery Conservation and Management Act (Magnuson Act) and is implemented by regulations appearing at 50 CFR 611.93 for the foreign fishery and 50 CFR part 675 for the U.S. fishery. General regulations that also pertain to U.S. fisheries appear at 50 CFR part 620.

Amendment 21 was approved by the Secretary on February 9, 1993, under section 304(b) of the Magnuson Act. This amendment establishes FMP authority to (1) establish Pacific halibut bycatch mortality limits for trawl and non-trawl gear fisheries in regulations rather than in the FMP and change bycatch mortality limits through a regulatory amendment process; and (2) apportion annually the non-trawl halibut bycatch mortality limit among fisheries and seasons as bycatch allowances. A notice of availability of Amendment 21 was published in the Federal Register on November 16, 1992 (57 FR 54945), and invited comments on the amendment through January 11,

1993. No written comments were received.

A proposed rule was published in the Federal Register on December 22, 1992 (57 FR 60788), that would establish halibut bycatch mortality limits for trawl and non-trawl gear in 1993 and beyond under authority provided by Amendment 21 to the FMP. Public comment on the proposed rule was invited through January 19, 1993. No written comments were received during the comment period.

The final rule establishes Pacific halibut mortality limits for trawl and non-trawl gear at 3,775 metric tons (mt) and 900 mt, respectively. These limits are set forth in regulations at § 675.21(a) and will remain effective until revised under a future regulatory amendment. A full description of Amendment 21 to the FMP and the justification for the halibut mortality limits implemented under this action are presented in the December 22, 1992, Federal Register publication of the proposed rule (57 FR 60788).

The halibut bycatch mortality allowances implemented for the 1993 BSAI trawl and non-trawl fisheries, and seasonal allowances thereof, are listed in Table 1. Regulations under § 675.21(b)(1) authorize the apportionment of the trawl halibut mortality bycatch limit to seven trawl fishery categories (midwater pollock, Greenland turbot/arrowtooth flounder/sablefish, rock sole/other flatfish, yellowfin sole, rockfish, Pacific cod, and pollock/Atka mackerel/"other species"). The final rule (§ 675.21(b)(2)) also authorizes the apportionment of the non-trawl halibut mortality limit among three non-trawl fishery categories (Pacific cod hook-and-line, groundfish pot gear fisheries, and other non-trawl). For purposes of this rule, non-trawl gear means hook-and-line, jig, longline, and pot-and-line gear.

TABLE 1.—FINAL SEASONAL APPORTIONMENTS OF THE 1993 PACIFIC HALIBUT BYCATCH MORTALITY ALLOWANCES FOR THE BERING SEA AND ALEUTIAN ISLANDS AREA (BSAI) TRAWL AND NON-TRAWL FISHERIES.

Fishery	Seasonal bycatch mortality allowances (mt halibut)
BSAI Trawl	
Yellowfin sole	
May 01-Jul. 31	230
Aug. 01-Dec. 31	362
Total	592
Rock sole/"other flatfish"	
Jan. 01-Apr. 03	428
Apr. 04-Jul. 03	80
Jul. 04-Dec. 31	80