

## SUBCHAPTER F—QUALITY ASSURANCE AND CERTIFICATION REQUIREMENTS FOR NOAA HYDROGRAPHIC PRODUCTS AND SERVICES

### PART 995—CERTIFICATION REQUIREMENTS FOR DISTRIBUTORS OF NOAA HYDROGRAPHIC PRODUCTS

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#### APPENDIX A TO SUBPART C OF PART 995—CERTIFICATION APPLICATION TEMPLATES

AUTHORITY: 33 U.S.C. 892b(b)(1).

SOURCE: 70 FR 52909, Sept. 6, 2005, unless otherwise noted.

#### Subpart A—General

##### § 995.1 Purpose and scope.

(a) The National Oceanic and Atmospheric Administration (NOAA) produces electronic navigational charts (ENCs) as one of its products under its Nautical Charting Program. According to Federal regulations, official NOAA

ENCs® meet nautical chart carriage requirements when used in a type-approved display system, such as an Electronic Chart Display and Information System (ECDIS). NOAA distributes these official ENCs to the public for free over its Web site on the Internet. This Part establishes the requirements by which entities may be certified to download, redistribute, repackage, or in some cases reformat, official NOAA ENCs and retain the NOAA ENC's official status. When a NOAA ENC® retains its official status, it will comply with Federal chart carriage requirements. These requirements for redistributing NOAA ENC data or incorporating it into value-added navigational products are to ensure the quality and content of official NOAA ENCs remains intact throughout the redistribution process. No other processes result in redistributed NOAA ENC products that comply with Federal chart carriage requirements.

(b) Two types of certification are offered. The first type, "Certified NOAA ENC Distributor" (CED), covers NOAA ENC downloading, exact copying, and redistribution of those copies. The second type, "Certified NOAA ENC Value Added Distributor" (CEVAD), permits reformatting official NOAA ENCs into a System Electronic Navigational Chart (SENC) using type-approved software, and distribution of that SENC. Both types of certification permit, but do not require, compression, encryption, and packaging with other data. Because NOAA ENC® data is the primary concern of this rule, and it is mandatory for certification that the official NOAA ENCs remain unaltered for positional accuracy and informational content, NOAA is, in effect, certifying that a CED's or CEVAD's products contain official NOAA ENC data, and therefore meets chart carriage requirements.

(c) Any entity may continue to download from an official NOAA ENC® Web site and use NOAA ENCs for any

purpose. As long as it is not redistributed, that ENC will still be considered as official Federal data. If the NOAA ENC is successfully imported unaltered into a type-approved system, it will comply with Federal nautical chart carriage requirements. While without certification anyone can download an official NOAA ENC for any use, if a NOAA ENC® is redistributed by an uncertified entity to another entity, the NOAA ENC is no longer considered as official Federal data and thus does not comply with Federal chart carriage requirements. An example follows.

(1) One example is if an uncertified individual downloads a NOAA ENC and uses it according to Federal requirements, that individual will be meeting Federal chart carriage requirements. If an uncertified tug boat company has 9 boats in its fleet and an individual on one of the boats downloads a NOAA ENC and uses it according to Federal requirements that individual will be meeting Federal chart carriage requirements. However, if that same uncertified tug boat company downloads a NOAA ENC and redistributes it to its 9 boats, the NOAA ENC will not be considered official Federal data and therefore the 9 boats will not be meeting Federal carriage requirements. The company should become a CED or CEVAD under this part in order to be able to redistribute NOAA ENC's and retain the official status of those ENC's.

(2) To reiterate, NOAA ENCs must not be redistributed by an uncertified entity if the end output needs to have official NOAA ENCs in it that will comply with Federal carriage requirements. Any company, entity or individual must be certified if the goal is to redistribute NOAA ENCs and have those NOAA ENCs remain as official Federal data and as such continue to meet Federal carriage requirements administered by the Coast Guard.

#### § 995.2 Incorporation by reference.

Certain material listed in this section is incorporated by reference with the approval of the Director of the Federal Register under 5 U.S.C. 552(a) and 1 CFR part 51. The materials listed in this section are incorporated by reference in the corresponding sections

noted. The materials are available for purchase at the corresponding addresses noted below, and all are available for inspection at the National Archives and Records Administration (NARA) or at the U.S. Department of Commerce, 1401 Constitution Avenue, NW., Washington, DC 20230. For information on the availability of this material at NARA, call (202) 741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(a) The material listed below is available for purchase from the International Hydrographic Bureau, 4 quai Antoine 1er, B.P. 445, MC 98011 MONACO CEDEX; telephone: (377) 93.10.81.00; fax: (377) 93.10.81.40; e-mail: [info@ihb.mc](mailto:info@ihb.mc). Orders may be submitted by letter, fax, or e-mail.

(1) IHO Technical Resolution A3.11—“ENC/SENC Distribution Option”, as published in the “Resolutions of the International Hydrographic Organization” updated June 2005, incorporation by reference approved for § 995.26.

(2) [Reserved]

(b) [Reserved]

#### § 995.3 Availability of other publications.

(a) For further guidance you may obtain the following:

(1) IEC 61174—The International Electrotechnical Commission identified and described the necessary performance tests and checks for an International Maritime Organization (IMO) compliant ECDIS. The IMO Performance Standards permit National Maritime Safety Administrations to consider ECDIS as the functional equivalent to charts required by Regulation V, Chapter 20 of the 1974 SOLAS Convention. IEC Publication 61174, dated August 1998, can be purchased from the IEC Web site: <http://www.iec.ch>.

(2) IHO Special Publication S57—The IHO Transfer Standard for Hydrographic Data, edition 3.1, dated November 2000, describes the data structure and format to be used for the exchange of ENC data, product specification for the production of ENC data, and an updating profile. IHO S-57 documentation is available for free download at <http://www.iho.shom.fr>. Send written requests

to the International Hydrographic Bureau, 4 quai Antoine 1er, B.P. 445, MC 98011 MONACO CEDEX; telephone: (377) 93.10.81.00; e-mail: *info@ihb.mc*.

(3) IHO Special Publication S58—The IHO Validation Checks for Hydrographic Data, edition 2.0, dated October 2003, describes the validation checks to be used on ENC data. This document was formally published as S-57 Appendix B.1, Annex C, but has been renamed to S-58 due to the S-57 publication having been frozen (*i.e.* will not change) for a fixed time period. IHO S-58 documentation is available for free download at <http://www.iho.shom.fr>. Send written requests to the International Hydrographic Bureau, 4 quai Antoine 1er, B.P. 445, MC 98011 MONACO CEDEX; telephone: (377) 93.10.81.00; e-mail: *info@ihb.mc*.

(b) [Reserved]

**§ 995.4 Definitions.**

*Certified NOAA ENC Distributor (CED)* means an entity that is certified as a distributor of NOAA ENC files by NOAA. This certification indicates that the distributor meets certain requirements (in Subparts A, B, and D of this part) that ensure timely and accurate dissemination of NOAA ENC data.

*Certified NOAA ENC Value Added Distributor (CEVAD)* means an entity that creates a derived product that has been produced from NOAA ENC files using a process certified by NOAA. This certification indicates that the CEVAD meets certain requirements (in Subparts A, C, and D of this part) that ensure timely and accurate dissemination of NOAA ENC data in a non-ENC format.

*Derived product* means a navigational product produced by transforming the NOAA ENC files to another format while preserving the content and accuracy. It may contain information from other sources.

*Distributor* means a person or company that redistributes a NOAA ENC to end users in its original format.

*Electronic Chart Display and Information System (ECDIS)* means the internationally adopted computer-assisted navigation system which, when complying with all of the required specifications, can be accepted as the up-to-date chart required by V/20 of the 1974 SOLAS Convention.

*Electronic Navigational Chart (ENC)* means a database, standardized as to content, structure, and format, issued for use with ECDIS on the authority of government authorized hydrographic offices. The ENC contains all the chart information necessary for safe navigation and may contain supplementary information in addition to that contained in the paper chart (e.g., sailing directions), which may be considered necessary for safe navigation.

*Entity* means one person, one person within a company, or one company.

*NOAA ENC*® means Electronic Navigational Charts produced by the National Oceanic and Atmospheric Administration. NOAA ENC files comply with the IHO S-57 standard, Edition 3.1 and the ENC Product Specification. The phrase “NOAA ENC” is a registered trademark and may not be used without permission.

*Redistributed* means to distribute again, either as a direct copy or in a different way. A redistributed NOAA ENC is one that has been downloaded from an official NOAA ENC Web site by one entity and provided to another entity.

*System Electronic Navigational Chart (SENC)* means a database resulting from the transformation of the ENC by ECDIS for appropriate use, updates to the ENC by appropriate means and other data added by the mariner. It is this database that is actually accessed by ECDIS for the display generation and other navigational functions, and is equivalent to an up-to-date paper chart. The SENC may also contain information from other sources.

*Value Added Distributor* means a person or company that redistributes a NOAA ENC with additional data included or in a different format to create newly derived products used by end users.

**§ 995.5 Abbreviations.**

- CED Certified NOAA ENC Distributor
- CEVAD Certified NOAA ENC Value Added Distributor
- CRC Cyclical Redundancy Checksum
- ECDIS Electronic Chart Display and Information System
- ENC Electronic Navigational Chart
- IEC International Electrotechnical Commission

**§ 995.6**

IHO International Hydrographic Organization  
IMO International Maritime Organization  
ISO International Organization for Standardization  
NOAA National Oceanic and Atmospheric Administration  
NOS National Ocean Service  
OCS Office of Coast Survey  
SENC System Electronic Navigational Chart  
SOLAS Safety of Life at Sea  
VAD Value Added Distributor

**§ 995.6 Fees.**

(a) The Office of Coast Survey, NOAA, may charge a fee for costs incurred to process each request for certification pursuant to 33 U.S.C. 892b(b)(1)(C) and 892b(b)(2). The amount of the fee, if one is charged, will be determined by the Director, Office of Coast Survey, and charged to all Applicants based on the time and effort involved.

(b) If a fee is charged, it will be charged for each application for certification submitted by an Applicant. A fee may also be charged for resubmissions of revised requests that were initially unacceptable and are sent in within 90 days as described in § 995.11(b)(2).

**§ 995.7 Liability.**

Distributors and value added distributors certified under this part shall indemnify and hold harmless the U.S. Government for any loss, claim, damage, or liability of any kind, the extent caused by the negligence of certified distributors or value added distributors or their employees, arising out of the use by a distributor or value added distributor, or any party acting on its behalf or under its authorization, of NOAA data.

**Subpart B—Certification and Procedures**

**§ 995.10 Correspondence and applications.**

(a) Distributors or value-added distributors desiring certification from NOAA shall provide a written request and application for certification to the Office of Coast Survey, Attention: Dis-

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tribution Certification, N/CS, 1315 East West Highway, Silver Spring, Maryland 20910. Such a distributor or value-added distributor is hereafter referred to as Applicant. The Office of Coast Survey (OCS) is the approving office for certification under these requirements.

(b) Applicant shall provide an application for certification that describes how each element in the applicable sections of this part has been met. The application will also contain an acknowledgment, signed by a company principal, of all terms and conditions described in this part.

(c) Applicant shall use the appropriate template provided in Appendix A to subpart C of this part to prepare their request for certification.

(d) Applicant shall provide, with its application, a point of contact with mailing address, phone number, and e-mail address. Applicant shall immediately notify NOAA, through the Office of Coast Survey, of any changes to point of contact information. Failure to do so will be considered a violation of this part and may lead to termination of certification.

**§ 995.11 Government review and approval.**

(a) An application will be reviewed by NOAA within 90 days of receipt. If all requirements, as defined by this part, are adequately addressed, certification will be granted. If for any reason NOAA will be unable to process the application for certification within the 90-day time frame, Applicant will be notified and a revised date will be provided for a decision on the request.

(b)(1) NOAA will determine if the request for certification is complete and that it demonstrates that Applicant has met all of the applicable requirements described in this part.

(2) In the event that a request is incomplete or does not demonstrate that Applicant has met all of the applicable requirements, NOAA will consider the application unacceptable. NOAA will notify the Applicant of the deficiencies in writing. Applicant may re-submit a revised application within 90 days of receipt of NOAA's denial notice. NOAA will review applications received within the 90-day resubmission period in the time frame described in paragraph

(a) of this section. After the second review, if the application is still unacceptable, Applicant will be again notified of the deficiencies in writing and the process continues as stated in this section.

**§ 995.12 Certification designation.**

An Applicant that has been certified by NOAA as a CED may use the phrase "Certified NOAA ENC Distributor" on products and marketing materials. An Applicant that has been certified by NOAA as a CEVAD may use the phrase "Certified NOAA ENC Value Added Distributor" on products and marketing materials. Use of these phrases must include labeling to identify the product's contents and suitable use. (See § 995.24(a)(4), (5) and (6) and (b)(3), (4) and (5)). Use of the NOAA emblem is described in § 995.28 and is not automatically granted with certification.

**§ 995.13 Transfer of certification.**

A CED or CEVAD may not transfer its certification to another entity. If it is transferred the existing certification will be terminated.

(a) If prior to certification it is known that another entity will be assisting the entity applying for certification in the production or redistribution of the data, that other entity must be documented in the application process. Listed entities will be considered as falling under the umbrella of the parent company's certification. The name of the entity and its duties should be included as part of the application.

(b) If, subsequent to certification, a CED or CEVAD wishes to add another entity to assist it, a request in writing with the name of the entity and its duties shall be provided to the Office of Coast Survey, NOAA for acceptance. The Office of Coast Survey, NOAA will provide written notification of acceptance to the CED or CEVAD within 30 days of receipt of the request.

**§ 995.14 Auditing.**

NOAA reserves the right to audit CED or CEVAD to ensure that the certification requirements are being met. Such an audit may consist of: visits to the production facilities, product testing, confirmation of ISO 9001 certifi-

cation, or confirmation of type approval for conversion software, and so forth.

**§ 995.15 Termination of certification.**

(a) In the event that NOAA determines that a CED or CEVAD is not meeting the requirements described in this part, the Office of Coast Survey, NOAA (OCS) will provide initial written notification of potential termination to the CED or CEVAD. OCS/NOAA will state in its notification to CED or CEVAD that termination of certification is under consideration.

(b) The initial notification of potential termination will be provided in writing by OCS to the CED or CEVAD, and shall state the reason for the potential termination. Reasons for termination may include, but are not limited to:

(1) CED or CEVAD contracts or in any way seeks to transfer the production or redistribution of all or part of the NOAA official data in the product to another entity.

(2) CED or CEVAD fails to, or is unable (in the opinion of NOAA) to carry out its responsibilities as described in this part.

(c) CED or CEVAD may submit written comments to OCS within 30 days of receipt of the OCS's initial written notification of potential termination, explaining why CED or CEVAD's certification should not be terminated.

(1) The written comments shall be submitted to: Director, Office of Coast Survey, National Ocean Service, NOAA (N/CS), 1315 East West Highway, Silver Spring, MD 20910.

(2) The written comments shall contain at least:

(i) Identification and contact information of the CED or CEVAD;

(ii) A statement that CED or CEVAD is responding to an initial written notification of potential termination by OCS; and

(iii) A thorough but concise argument as to why CED or CEVAD believes that its certification should not be terminated.

(d) The Director of OCS will take all timely written comments into account before taking final action, and in no case will the Director take final action until at least 45 days after CED or

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CEVAD's receipt of the initial written notification. A decision to terminate by the Director of OCS will state the reasons for termination and respond to all timely written comments submitted. Any final action taken by OCS constitutes final agency action on the matter.

(e) CED or CEVAD shall notify all recipients of its products that its certification has been revoked, and that the product may no longer be valid for use. In addition, the CED or CEVAD shall provide the dates of non-compliance.

### § 995.16 Term of certification.

The term of certification is five years from the date of issuance. At the end of the certification term, the process must be re-certified by the distributor or value added distributor submitting a request for certification as described in § 995.10. It may also be revoked prior to the end of the term under the conditions described in § 995.15.

## Subpart C—Requirements for Certified Distributors and Value Added Distributors of NOAA ENC Products

### § 995.20 General.

The requirements for certification as a "Certified NOAA ENC Distributor" (CED) and "Certified NOAA ENC Value Added Distributor" (CEVAD) are described in this subpart.

### § 995.21 Registry of data users.

(a) CED or CEVAD shall maintain a registry of customers receiving NOAA ENC data. CED or CEVAD shall provide said registry to NOAA on a biannual basis for internal NOAA planning and product evaluation use. NOAA agrees to treat such information as proprietary (if requested to do so by the CED or CEVAD).

(b)(1) The registry shall include, but not be limited to:

- (i) Which NOAA ENC® cells were provided to each customer;
- (ii) Edition number of each cell provided;
- (iii) Updates provided for each cell;
- (iv) Method of distribution for each customer.

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(2) The registry may also include information about the type and size of vessel that the NOAA ENC data has been provided for as well as an anonymous unique identifier for the vessel.

### § 995.22 Training of data users.

CED or CEVAD shall provide some form of product training and education materials to the customer to ensure that the end user has a sufficient level of information about the intended use of the derived product and what is needed to properly use it (e.g., requires certain equipment).

### § 995.23 Acquisition of data.

(a) CED or CEVAD shall obtain official NOAA ENC® files only by directly downloading them from an official NOAA ENC site on the Internet.

(b)(1) After downloading NOAA ENC files, CED or CEVAD shall uncompress the files and compute a CRC checksum value for each NOAA ENC file and verify that it matches the CRC checksum value contained in the CATALOG.031 file provided with the NOAA ENC files by NOAA. This is to ensure that no NOAA ENC files have been corrupted during the download process.

(2) In the event that said CRC checksum value does not match that in the CATALOG.031 file, CED or CEVAD agrees to:

- (i) Repeat the download process;
- (ii) In the event that said CRC checksum value for the repeat download does not match that in the CATALOG.031 file, immediately notify the NOAA ENC Production Manager at *enc.chartproduction@noaa.gov*, and;
- (iii) Not redistribute any NOAA ENC that does not have a valid CRC checksum.

### § 995.24 Distribution of data.

(a) *Distribution of data by CEDs*—(1) *Format of redistributed data*—(i) *General*. Except as listed in paragraphs (a)(1)(ii) and (iii) of this section, CED agrees to redistribute NOAA ENC data only in the original form provided by NOAA after uncompressing and shall not change the file format (S–57 Edition 3.1 ENC or other formats specified by NOAA), or contents, or alter the NOAA ENC data in any way.

(ii) *Compression.* The NOAA ENC files may be compressed using a lossless compression technique provided that CED makes the decompression software available to the end user as part of the redistribution service. Decompressed files must have the same CRC checksum value as the original files. The CED agrees to make the compression/decompression software and documentation available to NOAA for testing.

(iii) *Encryption.* The NOAA ENC files may be encrypted by CED, providing that the encryption/decryption process does not result in any information loss and that CED makes the decryption software available to the end user as part of the redistribution service. Decrypted files must have the same CRC checksum value as the original files. CED shall make the encryption/decryption software and documentation available to NOAA for testing.

(2) *Frequency of distribution.* CED shall make all current editions of NOAA ENC files and all updates to or new editions of NOAA ENC files available to its customers within five working days of the files or updates being posted by NOAA. Documentation shall be provided to the customer concerning any time delays that may occur between official release of a NOAA ENC or update, and CED providing same to end users.

(3) *Distribution report.* CED shall provide a bi-annual report on when NOAA ENC files were downloaded and when they were redistributed to end-users.

(4) *Additional data.* (i) If CED provides other data to customers in addition to NOAA ENC data (e.g., ENC data from other nations, raster chart data, privately produced data, etc.), CED shall provide a clear indication to the customer which files are official NOAA ENC data and which files are not. This may be accomplished through means such as package labeling, notifications in software, or other means.

(ii) Additionally, any data that is included with NOAA ENC data must not result in embarrassment to the Department of Commerce or NOAA. There must be no conflict with any trademark rights and the inclusion of non-NOAA data will not constitute any en-

dorsement of or favoritism toward the non-NOAA data or CED.

(5) *Identification of type and contents.* CED shall ensure that NOAA ENC® files provided to an end user are clearly identified as to the type (e.g., direct unaltered copies) and contents (cells, updates, and ancillary files) and authenticity of the exchange set. This may be accomplished through means such as package labeling, notifications in software, or other means.

(6) *Use of product.* CED shall provide a clear indication to the customer the purpose of its products; for example, indicating whether or not the product, and the data contained within it, is suitable for navigation and if it meets Federal chart carriage requirements. If only some of the files meet Federal carriage requirements, CED shall provide clear indication which files do and which files do not. This may be accomplished through means such as package labeling, notifications in software, or other means.

(b) *Distribution of data by CEVADs—(1) Frequency of distribution.* CEVAD shall make all current editions of NOAA ENC files and all updates to or new editions of NOAA ENC files available to its customers within five working days of the files or updates being posted by NOAA. Documentation shall be provided to the customer concerning any time delays that may occur between official release of a NOAA ENC or update, and CED providing same to end users.

(2) *Distribution report.* CEVAD shall provide a bi-annual report to NOAA on when NOAA ENC files were downloaded and when they were redistributed or made available to end users.

(3) *Additional data.* (i) If CEVAD provides products to customers that incorporate other data in addition to NOAA ENC data (e.g., ENC data from other nations, raster chart data, privately produced data, etc.), CEVAD shall provide a clear indication in the product which data are from official NOAA ENC data and which data are not. This shall be done in a way that allows the navigation system to give the end user an automatic notification or warning that particular data elements within the product are not from the official NOAA ENC. Any such data shall not

degrade the official NOAA ENC data or information.

(ii) Additionally, any data that is included with NOAA ENC data must not result in embarrassment to the Department of Commerce or NOAA. There must be no conflict with any trademark rights and the inclusion of non-NOAA data will not constitute any endorsement of or favoritism toward the non-NOAA data or CEVAD.

(4) *Identification of type and contents.* CEVAD shall ensure that data provided to an end user clearly identify which NOAA ENC® files are included in the product as to the type (e.g., NOAA ENCs in another form than that provided by NOAA without degradation to positional accuracy or informational content) and the contents (cells, updates, and ancillary files) and authenticity of the NOAA ENC files used. This may be accomplished through means such as package labeling, notifications in software, or other means.

(5) *Use of product.* CEVAD shall provide a clear indication to the customer of the purpose of its products; for example, indicating whether or not the product, and the data contained within it, is suitable for navigation and if it meets Federal chart carriage requirements. If only some of the files meet Federal carriage requirements, CEVAD shall provide clear indication which files do and which files do not. This may be accomplished through means such as package labeling, notifications in software, or other means.

**§ 995.25 Quality management system.**

(a) *Quality management system for CEVADs.* (1) CEVAD shall operate a quality management system, based on ISO 9001–2000 or equivalent, which embraces all elements of the process used to process and redistribute NOAA ENC files. The minimum requirements for such a quality management system are those defined in this part. The quality management system must ensure that the production process complies with all relevant requirements of this part.

(2) The quality management system must, at a minimum, include an adequate account of:

(i) The quality objectives and the organizational structure, responsibilities,

and powers of management with regard to production quality;

(ii) The techniques, processes, and systematic actions that will be used for quality management throughout the production process, including NOAA ENC conversion and the quality of the product being redistributed;

(iii) The examination and tests that will be carried out before, during, and after processes essential for the quality of the product, and the frequency with which they will be carried out;

(iv) The quality records, such as inspection records and test data, qualification reports of personnel concerned resulting from the program specified herein; and

(v) The means for monitoring the achievement of the required quality of the product and the effective operation of the quality management system.

(3) Design and development changes shall be reviewed, verified, and validated as appropriate and approved by the ISO 9001 certification authority (or equivalent if another quality management system is used) before implementation.

(4) If the type approved conversion software is maintained by a third party, CEVAD shall ensure that no changes made to the conversion software render the type approval of the conversion software invalid, and shall evaluate the effects of such changes on the end users of the product.

(5) CEVAD shall analyze both internal information and that received from external parties in order to continually monitor and improve the production process and the product being redistributed.

(6) CEVAD shall ensure that personnel performing work affecting the production process are competent with regard to appropriate education, training, skills, and expertise.

(7) CEVAD shall conduct internal audits at planned intervals to determine whether the quality management system conforms to the requirements of this part and is effectively implemented and maintained. The audit program shall take into consideration the individual processes' importance in relation to the product quality, as well as results of previous audits. Selection of auditors and conducting of audits

shall, as far as practicable, insure objectivity and impartiality in the audit process.

(8) CEVAD shall ensure that actions are taken without undue delay to eliminate detected non-conformities and their causes. Follow-up activities shall include the verification of the actions taken and the reporting of verification results.

(b) [Reserved]

**§ 995.26 Conversion of NOAA ENC® files to other formats.**

(a) *Conversion of NOAA ENC files to other formats*—(1) *Content.* CEVAD may provide NOAA ENC data in forms other than that provided by NOAA. However, CEVAD shall not change the information content provided by the NOAA ENC. This means that all features and their associated attribution must be preserved in the CEVADs data files without degradation to positional accuracy or informational content.

(2) *Software certification.* Conversion of NOAA ENC data to other formats must be accomplished within the constraints of IHO Technical Resolution A3.11: “ENC/SENC Distribution Option” (incorporated by reference, see § 995.2)—in particular, paragraph three:

Distributors who are to supply the SENC service must operate under the regulations of the issuing authority. The onshore ENC to SENC conversion must be performed using type-approved software.

(3) *Error reporting.* Any errors detected during the conversion process shall be logged and investigated prior to releasing the data in which the errors occurred. Any errors that apparently originate in the NOAA ENC files shall be immediately reported to NOAA.

(4) *Format check.* CEVAD shall ensure that the converted data conforms to the CEVAD's own format specifications and shall test load the converted data to ensure that it will correctly load and display on the intended equipment.

(b) [Reserved]

**§ 995.27 Format validation software testing.**

Tests shall be performed verifying, as far as reasonable and practicable, that CEVAD's data testing software per-

forms the checks, as specified by CEVAD, for verifying that the converted data conforms to its own proprietary product specification. These tests may be combined with testing of the conversion software.

**§ 995.28 Use of NOAA emblem.**

(a) Permission for the use of the NOAA emblem must be obtained by formally requesting such permission from NOAA and the Department of Commerce through NOAA's Office of Coast Survey.

(b) Use of the NOAA emblem must satisfy an interest of the Department; the use may not result in embarrassment to the Department; there must be no conflict with any trademark rights, as stated in § 995.24(a)(4)(ii) and (b)(3)(ii); and there can be no endorsement or favoritism toward the distributor or value added distributor using the emblem, or other appearance of impropriety.

(c) Certification under this part does not automatically grant the distributor or value added distributor the right to use the NOAA logo. Use of the NOAA logo without express permission from NOAA and the Department of Commerce will be considered grounds for denial of an application for certification or termination of certification.

(d) *Emblem use by certified distributors or certified value added distributors of NOAA electronic products.* (1) After receiving separate, written permission from NOAA and the Department of Commerce as described in paragraph (a) of this section, a CED or CEVAD may use the NOAA emblem in product labeling and advertising materials, but only in conjunction with the phrase “Certified NOAA ENC Distributor” or “Certified NOAA ENC Value Added Distributor,” as applicable, and only after receiving separate, written permission from NOAA and the Department of Commerce as described in paragraph (d)(2) of this section.

(2) If the NOAA emblem is used with products that include other data, clear indication must be provided to the customer indicating that the emblem and the phrase “Certified NOAA ENC Distributor” or “Certified NOAA ENC Value Added Distributor” does not apply to the entire product delivered.

**§ 995.29**

**15 CFR Ch. IX (1–1–14 Edition)**

Information on the effects of such limitation must be provided to the customer (See §995.24(a)(4) and (5) and (b)(3) and (4).)

subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number. [OMB Control #0648–0508 Expires 05/31/2008]

**§ 995.29 Limitation on endorsements.**

By certifying compliance with this part, NOAA does not automatically, directly, or indirectly endorse any product or service provided, or to be provided, by distributor or value added distributor or its successors, assignees, or licensees. The distributor or value added distributor shall not in any way imply that this certification is an endorsement of any such product or service without separate, written permission from NOAA and the Department of Commerce.

APPLICATION FOR CERTIFICATION AS  
“CERTIFIED NOAA ENC DISTRIBUTOR”

- Company Name
- Company Address
- Company Phone Number
- Company Fax Number
- Company E-Mail Address
- Point of Contact
- Point of Contact Address
- Point of Contact Phone Number
- Point of Contact Fax Number
- Point of Contact E-Mail Address

This is a request for the above named company or individual (hereinafter referred to as Distributor) to be certified as a “Certified NOAA ENC Distributor” (CED). This document describes how each of the requirements for certification is being met. Descriptive titles after each number in parenthesis on this application correspond to section titles in 15 CFR, chapter IX, Subchapter F, Part 995—Certification requirements for Distributors of NOAA hydrographic products. The numbers after each descriptive title refer to the section number within 15 CFR part 995. The Distributor should use these section numbers to insure that the requirements are being fully understood and met by the Distributor prior to submitting the application.

APPENDIX A TO SUBPART C OF PART  
995—CERTIFICATION APPLICATION  
TEMPLATES

Notice to respondents:

This information is being collected by NOAA to ascertain qualifications for certification as an authorized distributor of official NOAA ENC® data. NOAA developed these certification requirements under the authority of Section 104 of the Hydrographic Services Improvement Act Amendments of 2002, 33 U.S.C. 892b(b)(1).

The information on these forms is not associated with performance of agency functions.

Public reporting burden for this collection of information is estimated to average 16 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to *Jim.Gardner@noaa.gov*.

Responses to this collection are considered voluntary, though they are required for certification.

The information requested on these forms will not be disseminated to the public or used to support information that will be disseminated to the public. Any disclosure of proprietary information will be held in confidentiality as regulated under the Trade Secrets Act. NOAA will not violate that Act’s prohibitions against unauthorized agency disclosures of trade secrets or other confidential business information.

Notwithstanding any other provision of the law, no person is required to, nor shall any person be subject to a penalty for failure to, comply with a collection of information

(1) *Correspondence and applications/requests for certification (995.10 (a))*. Distributor acknowledges and agrees to all procedures and requirements pertaining to the certification process described in 15 CFR part 995.

(2) *Correspondence and applications/point of contact (995.10 (d))*. Distributor agrees to immediately notify the Government of any changes to point of contact information.

(3) *Transfer of certification (995.13)*. Document other entities that will be assisting in the production or redistribution of the derived product. Provide the names and duties of those entities to meet this requirement.

(4) *Auditing (995.14)*. Distributor acknowledges that NOAA reserves the right to audit Distributor to ensure that all requirements in 15 CFR part 995 are being met.

(5) *Termination of certification (995.15)*. Distributor acknowledges the conditions leading to and procedures for the termination of certification as described in this requirement.

(6) *Term of certification (995.16)*. Distributor acknowledges that the duration of certification is five years from the date of issuance.

(7) *Registry of data users (995.21)*. Include a description of the data user registry, including:

Nat'l Oceanic and Atmospheric Adm., Commerce Pt. 995, Subpt. C, App. A

(a) What data elements it contains, specifically showing how the required elements are included;

(b) A hardcopy sample of the report that will be periodically submitted to NOAA;

(c) A short description of how the registry is maintained.

(8) *Training of data users (995.22)*. Include a copy of any documentation provided to users that is intended to meet this requirement.

(9) *Acquisition of data (995.23)*. Distributor asserts that all procedures described in this requirement for the acquisition of NOAA ENC® data for redistribution are being followed.

(10) *Distribution of data/general (995.24(a)(1)(i))*. Distributor asserts that all NOAA ENC® data redistributed will be in the format described by this requirement.

(11) *Distribution of data/compression (995.24(a)(1)(ii))*. Distributor shall indicate if data compression techniques are used. If Distributor uses data compression techniques, Distributor asserts that the process meets the necessary regulations described by this requirement.

(12) *Distribution of data/encryption (995.24(a)(1)(iii))*. Distributor shall indicate if data encryption techniques are used. If Distributor uses data encryption techniques, Distributor asserts that the process meets the necessary regulations described by this requirement.

(13) *Distribution of data/frequency of distribution (995.24(a)(2))*. Distributor asserts that any updates will be transmitted to their users within the time constraints described by this requirement.

(14) *Distribution of data/distribution report (995.24(a)(3))*. Distributor shall provide an example of the distribution report described by this requirement.

(15) *Distribution of data/additional data (995.24(a)(4))*. Distributor shall indicate if additional data is to be distributed with the NOAA ENC® data. If so, Distributor shall provide examples of how the data users will be informed as to the official and unofficial contents of the data as described by this requirement.

(16) *Distribution of data/identification of contents (995.24(a)(5))*. Distributor shall provide examples of how the contents of the NOAA ENC® files will be identified to the users.

(17) *Distribution of data/use of product (995.24(a)(6))*. Distributor shall provide examples of how the data users will be informed as to the purpose of its products as described in this requirement.

(18) *Use of NOAA emblem (995.28)*. Distributor acknowledges that a separate request for the use of the NOAA emblem must be submitted according to the procedure described in this requirement.

(19) *Limitation on endorsements (995.29)*. Distributor acknowledges that NOAA does not automatically, directly, or indirectly en-

dorse any product or service provided, or to be provided, by Distributor, its successors, assignees, or licensees. Distributor shall not in any way imply that this certification is an endorsement of any such product or service without separate, written permission.

(20) *Liability (995.7)*. By signing this request for certification, Distributor pledges to indemnify and hold harmless the U.S. Government for any loss, claim, damage, or liability of any kind, the extent caused by the negligence of Distributor or its employees, arising out of the use by the Distributor, or any Party acting on its behalf or under its authorization, of NOAA ENC® data.

Signature of this request constitutes an acknowledgement by Distributor of ALL applicable terms and conditions described in the certification requirements in 15 CFR part 995.

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

[OMB Control #0648-0508 Expires 05/31/2008]

APPLICATION FOR CERTIFICATION AS "CERTIFIED NOAA ENC VALUE ADDED DISTRIBUTOR"

- Company Name
- Company Address
- Company Phone Number
- Company Fax Number
- Company E-Mail Address
- Point of Contact
- Point of Contact Address
- Point of Contact Phone Number
- Point of Contact Fax Number
- Point of Contact E-Mail Address

This is a request for the above named company (hereinafter referred to as Value Added Distributor) to be certified as a "Certified NOAA ENC Value Added Distributor" (CEVAD). This document describes how each of the requirements for certification is being met. Descriptive titles after each number in parenthesis on this application correspond to section titles in 15 CFR, chapter IX, Subchapter F, Part 995—Certification requirements for Distributors of NOAA hydrographic products. The numbers after each descriptive title refer to the section number within 15 CFR, part 995. The Distributor should use these section numbers to insure that the requirements are being fully understood and met by the Distributor prior to submitting the application.

(1) *Correspondence and applications/requests for certification (995.10 (a))*. Distributor acknowledges and agrees to all procedures and requirements pertaining to the certification process described in 15 CFR part 995.

(2) *Correspondence and applications/point of contact (995.10 (d))*. Distributor agrees to immediately notify the Government of any changes to point of contact information.

(3) *Transfer of certification (995.13)*. Document other entities that will be assisting in the production or redistribution of the derived product. Provide the names and duties of those entities to meet this requirement.

(4) *Auditing (995.14)*. Distributor acknowledges that NOAA reserves the right to audit Distributor to ensure that all requirements in 15 CFR part 995 are being met.

(5) *Termination of certification (995.15)*. Distributor acknowledges the conditions leading to and procedures for the termination of certification as described in this requirement.

(6) *Term of certification (995.16)*. Distributor acknowledges that the duration of certification is five years from the date of issuance.

(7) *Registry of data users (995.21)*. Include a description of the data user registry, including:

(a) What data elements it contains, specifically showing how the required elements are included;

(b) A hardcopy sample of the report that will be periodically submitted to NOAA;

(c) A short description of how the registry is maintained.

(8) *Training of data users (995.22)*. Include a copy of any documentation provided to users that is intended to meet this requirement.

(9) *Acquisition of data (995.23)*. Distributor asserts that all procedures described in this requirement for the acquisition of NOAA ENC® data for redistribution are being followed.

(10) *Distribution of data/frequency of distribution (995.24(b)(1))*. Value Added Distributor asserts that any updates will be transmitted to their users within the time constraints described by this requirement.

(11) *Distribution of data/distribution report (995.24(b)(2))*. Value Added Distributor shall provide an example of the distribution report described by this requirement.

(12) *Distribution of data/additional data (995.24(b)(3))*. Value Added Distributor shall indicate if additional data is to be distributed with the NOAA ENC data. If so, Value Added Distributor shall provide examples of how the data users will be informed as to the official and unofficial contents of the data as described in this requirement.

(13) *Distribution of data/identification of contents (995.24(b)(4))*. Value Added Distributor shall provide examples of how the contents of the NOAA ENC files will be identified to the users.

(14) *Distribution of data/use of product (995.24(b)(5))*. Distributor shall provide examples of how the data users will be informed as to the purpose of its products as described in this requirement.

(15) *Quality management system (995.25)*. Value Added Distributor shall provide a copy of the ISO 9001–2000 certification or certification of compliance with an equivalent pro-

gram of quality management that covers the processes described in this section of the requirements.

(16) *Conversion of NOAA ENC files to other formats (995.26(a)(1))*. Value Added Distributor asserts that all NOAA ENC® content and accuracy are preserved during the conversion process as described in this section of the requirements.

(17) *Conversion of NOAA ENC files to other formats/software certification (995.26(a)(2))*. Value Added Distributor shall provide a copy of the type approval certificate for the software used to convert the NOAA ENC files to the Value Added Distributor's format.

(18) *Conversion of NOAA ENC files to other formats/error reporting (995.26(a)(3))*. Value Added Distributor asserts that they shall log and report any errors in the NOAA ENC data detected during the conversion process. Value Added Distributor shall provide an example of the report format that they will use.

(19) *Conversion of NOAA ENC files to other formats/format check (995.26(a)(4))*. Value Added Distributor asserts that all data shall be checked for conformance with Value Added Distributor's own format specifications and shall test load the converted data as described in this section of the requirements.

(20) *Format validation software testing (995.27)*. The validation software used by Value Added Distributor shall be tested according to this requirement and the results stated in this section of the request for certification.

(21) *Use of NOAA emblem (995.28)*. Value Added Distributor acknowledges that a separate request for the use of the NOAA emblem must be submitted according to the procedure described in this requirement.

(22) *Limitation on endorsements (995.29)*. Value Added Distributor acknowledges that NOAA does not automatically, directly, or indirectly endorse any product or service provided, or to be provided, by Value Added Distributor, its successors, assignees, or licensees. Value Added Distributor shall not in any way imply that this certification is an endorsement of any such product or service without separate, written permission.

(23) *Liability (995.7)*. By signing this request for certification, Value Added Distributor pledges to indemnify and hold harmless the U.S. Government for any loss, claim, damage, or liability of any kind, the extent caused by the negligence of Value Added Distributor or its employees, arising out of the use by the Value Added Distributor, or any party acting on its behalf or under its authorization, of NOAA ENC data.

Signature of this request constitutes an acknowledgement by Value Added Distributor of ALL applicable terms and conditions described in the certification requirements.

Signed: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_

**PART 996—QUALITY ASSURANCE AND CERTIFICATION REQUIREMENTS FOR NOAA HYDROGRAPHIC PRODUCTS AND SERVICES**

**Subpart A—General**

- Sec.
- 996.1 Purpose and scope.
- 996.2 Definitions.
- 996.3 Fees.
- 996.4 Liability.

**Subpart B—The Quality Assurance Program for Hydrographic Products**

- 996.10 Submission and selection of hydrographic products for the development of standards and compliance tests.
- 996.11 Development of standards for a hydrographic product or class.
- 996.12 Development of standards compliance tests for a hydrographic product or class.
- 996.13 Determination of whether to offer certification for a hydrographic product or class.

**Subpart C—Certification of a Hydrographic Product and Decertification.**

- 996.20 Submission of a hydrographic product for certification.
- 996.21 Performance of compliance testing.
- 996.22 Certification.
- 996.23 Audit and decertification of hydrographic products.

**Subpart D—Other Quality Assurance Program Matters**

- 996.30 Use of the NOAA emblem.
- 996.31 Termination of the Quality Assurance Program.
- 996.32 Appeals.
- 996.33 Acceptance of program by non-Federal entities.

AUTHORITY: 33 U.S.C. 892b.

SOURCE: 70 FR 698, Jan. 5, 2005, unless otherwise noted.

**Subpart A—General**

**§ 996.1 Purpose and scope.**

The National Oceanic and Atmospheric Administration (NOAA) was mandated to develop and implement a quality assurance program that is equally available to all applicants,

under which the Administrator may certify hydrographic products that satisfy standards promulgated by the Administrator. "Hydrographic products" are any publicly or commercially available products produced by a non-Federal entity that include or display hydrographic data. The procedures established here by which hydrographic products are proposed for certification; by which standards and compliance tests are developed, adopted, and applied for those products; and by which certification may be awarded or denied are the mandated Quality Assurance Program. The execution of those procedures for specific hydrographic products is the implementation of the program.

**§ 996.2 Definitions.**

*Agency* means the National Oceanic and Atmospheric Administration.

*Applicant* means a non-Federal entity that is submitting a hydrographic product to the Quality Assurance Program for certification.

*Certification* means a determination made by NOAA that a hydrographic product submitted by a non-Federal entity has met the requirements established by NOAA for a particular hydrographic product or class.

*Department* means the Department of Commerce.

*Hydrographic data* means information acquired through hydrographic or bathymetric surveying, photogrammetry, geodetic, geospatial, or geomagnetic measurements, tide and current observations, or other methods, that is used in providing hydrographic services.

*Hydrographic product* means any publicly or commercially available product produced by a non-Federal entity that includes or displays hydrographic data.

*Hydrographic product class* means a group of hydrographic products with similar traits, attributes, purposes, or users.

*Hydrographic services* means

- (1) The management, interpretation, certification, and dissemination of bathymetric, hydrographic, geodetic, geospatial, geomagnetic, and tide and current information, including the production of