

APPENDICES



(Page intentionally left blank)

APPENDIX A

FORMS AND SAMPLE CERTIFICATES

A listing of the forms and sample certificates provided in this appendix follows:

Vessel Tonnage File Request Form 1	5
Vessel Tonnage File Request Form 2	6
Sample International Tonnage Certificate (front)	7
Sample International Tonnage Certificate (back)	8
Sample U.S. Tonnage Certificate (front)	9
Sample U.S. Tonnage Certificate (back)	10

(Page intentionally left blank)

VESSEL TONNAGE FILE
FORM 1: FILE TRANSFER

(This form is only for transferring files from USCG Marine Safety Center to measurement organizations.)

Request Date _____

To: U.S. COAST GUARD
Marine Safety Center (Tonnage Survey Branch)
400 7th Street, SW, Washington, DC 20590-0001
Phone: (202) 366-6441 Fax: (202) 366-3877

From: _____ (Name)
_____ (Organization)
_____ (Address)
_____ (City, State, Zip)
() _____ / _____ (Phone/Fax)

Vessel: _____ (Name)
_____ (O.N./ID No.)

I have been authorized by the vessel owner/agent to remeasure the subject vessel. Please mail the complete vessel tonnage file to the address specified above. I have arranged for special handling as follows:

Delivery Service. _____
Billing Account No. _____

Signed _____

(Requesting agent/agency to fill out form only above this line).

Reply Date _____

The Coast Guard **does not have** the requested file. The location/status is:

___ FRC* ___ Missing _____ Other

The requested file has been sent to you via:

___ U.S. Mail
___ Special delivery service (Tracking No. _____)

The file content consists of the following:

	U.S.	Suez	Panama	ITC
Calculations	___	___	___	___
Certificates	___	___	___	___
Ballast Justification	___			

Comments:

Signed _____

* Federal Records Center (files forwarded as soon as retrieved)

VESSEL TONNAGE FILE
FORM 2: FILE COPY REQUEST

(This form is only for requesting copies of files from USCG Marine Safety Center)

Request Date _____

To: U.S. COAST GUARD
Marine Safety Center (Tonnage Survey Branch)
400 7th Street, SW, Washington, DC 20590-0001
Phone: (202) 366-6441 Fax: (202) 366-3877

From: _____ (Name)
_____ (Organization)
_____ (Address)
_____ (City, State, Zip)
() _____ / _____ (Phone/Fax)

Vessel: _____ Sister: _____ (Name)
_____ (O.N./ID No.)

I have been authorized by the vessel owner/agent to remeasure the subject vessel. I have listed a sister vessel for which the desired information may be available. Please mail copies of the vessel tonnage file to the address specified above. I have arranged for special handling as follows:

Delivery Service. _____
Billing Account No. _____

Signed _____

(Requesting agent/agency to fill out form only above this line).

Reply Date _____

The Coast Guard **does not have** the requested file. The location/status is:

___ FRC* ___ Missing _____ Other

The requested information has been sent to you via:

___ U.S. Mail
___ Special delivery service (Tracking No. _____)

The file information consists of the following for the subject ___ or sister ___ vessel:

	U.S.	Suez	Panama	ITC
Calculations	___	___	___	___
Certificates	___	___	___	___
Ballast Justification	___			

Comments:

Signed _____

* Federal Records Center (copies forwarded as soon as retrieved)

Certificate Number:
MSC-111-I

International Tonnage Certificate, 1969

Issued under the provisions of the International Convention on Tonnage Measurement of Ships, 1969,
under the authority of the Government of the

UNITED STATES OF AMERICA

for which the Convention came into force on February 10, 1983, by the

Name of Ship	Distinctive Number or Letters	Port of Registry	*Date
Sample	L00213456	Seattle, WA	2001

*Date on which the keel was laid or the ship was at a similar stage of construction (Article 2(6)), or date on which the ship underwent alterations or modifications of a major character (Article 3(2)(b)), as appropriate.

MAIN DIMENSIONS

Length (Article 2(8))	Breadth (Regulation 2(3))	Molded Depth amidships to Upper Deck (Regulation 2(2))
102.11 m (335.0 ft)	21.31 m (69.9 ft)	8.69 m (28.5 ft)

THE TONNAGES OF THE SHIP ARE:

GROSS TONNAGE 9720
NET TONNAGE 3477

The Government of the United States of America certifies that the tonnages of this ship have been determined in accordance with the provisions of the International Convention on Tonnage Measurement of Ships, 1969.

Issued at Washington, DC this 17th day of April 2002

The undersigned declares that he is duly authorized by the United States Government to issue this certificate.

(SEAL)

T. G. ATKINS

Issuing Officer

SPACES INCLUDED IN TONNAGE					
GROSS TONNAGE			NET TONNAGE		
Name of Space	Location	Length (m)	Name of Space	Location	Length (m)
Underdeck	----	----	Proc 1st Tier	Fr 15-50	20.65
1st Tier	Fr 15-16	28.57	Proc 2nd Tier	Fr 15-50	20.65
2nd Tier*	Fr 16-60	28.57	Cargo Hold 1	Fr 5-9	7.95
3rd Tier	Fr 16-60	13.29	Cargo Hold 2	Fr 30-35	8.97
4th Tier	Fr 16-23	9.10	Cargo Hold 3	Fr 60-65	8.97
P/S Funnel	Fr 65-67	2.59			
Crane Posts	Fr 56	1.32			
Crane Cab	Fr 55-56	2.27			
Seasonal Trailers	Fr 52-58	12.19			
			NUMBER OF PASSENGERS (Regulation 4(1))		
			Number of passengers in cabins with not more than 8 berths: 0		
			Number of other passengers: 0		
EXCLUDED SPACES (Regulation 2(5)) 2nd Tier Overhang			MOULDED DRAUGHT (Regulation 4(2)) 6.52 m		
An asterisk (*) should be added to those spaces listed above which comprise both enclosed and excluded spaces.					
Date and place of original measurement: July 13, 1994 at Washington, DC					
Date and place of last previous remeasurement: April 17, 2002 at Washington, DC					
REMARKS:					
Overall length as defined under 46 CFR 69 Subpart E is 105.10 m (344.8 ft). Vessel built by Southeastern Steel and Iron Works. Official number is 123456.					
Certificate reissued to reflect new midbody section and reserved space for temporary deck equipment.					
Assigned tonnages include 579.93 cubic meters of temporary deck equipment, located FR 52-58.					

Certificate Number:

MSC-111



UNITED STATES OF AMERICA

DEPARTMENT OF TRANSPORTATION
UNITED STATES COAST GUARD

TONNAGE CERTIFICATE

GENERAL INFORMATION

Vessel Name Sample	Vessel Number 123456	Vessel Type Fish Processing Vessel
Builder Southeastern Steel and Iron Works	Hull Number None	Propulsion <input checked="" type="checkbox"/> Self-Propelled <input type="checkbox"/> Non-Self-Propelled
Where Built Savannah, GA	Date Keel Laid/Altered 1994 / 2001	

MAIN DIMENSIONS

Definition Used	Registered Dimensions	Length		Breadth		Depth	
Convention	X	102.11 m	335.0 ft	21.31 m	69.9 ft	8.69 m	28.5 ft
Overall		105.10 m	344.8 ft	m	ft	m	ft
Pre - 1990		m	ft	m	ft	m	ft

TONNAGES

Measurement System	46 CFR 69 Subpart	Gross Tonnage	Net Tonnage
CONVENTION	B	9720 GT ITC	3477 NT ITC
REGULATORY	C	4879 GRT	4313 NRT

I CERTIFY that I am duly authorized by the United States Government to issue this certificate:

Issued at: **Washington, DC**

Issuing Officer: **T. G. ATKINS**

(SEAL)

Date: **April 17, 2002**

CONVENTION MEASUREMENT SYSTEM INFORMATION					
ENCLOSED SPACES			CARGO SPACES		
Name of Space	Location	Length (m)	Name of Space	Location	Length (m)
Underdeck	----	----	Proc 1st Tier	Fr 15-50	20.65
1st Tier	Fr 15-16	28.57	Proc 2nd Tier	Fr 15-50	20.65
2nd Tier*	Fr 16-60	28.57	Cargo Hold 1	Fr 5-9	7.95
3rd Tier	Fr 16-60	13.29	Cargo Hold 2	Fr 30-35	8.97
4th Tier	Fr 16-23	9.10	Cargo Hold 3	Fr 60-65	8.97
P/S Funnel	Fr 65-67	2.59			
Crane Posts	Fr 56	1.32			
Crane Cab	Fr 55-56	2.27			
Seasonal Trailers	Fr 52-58	12.19			
			NUMBER OF PASSENGERS		
			Number of passengers in cabins with not more than 8 berths: 0		
			Number of other passengers: 0		
EXCLUDED SPACES 2nd Tier Overhang An asterisk (*) should be added to those spaces listed above which comprise both enclosed and excluded spaces.			MOLDED DRAFT <div style="display: flex; justify-content: space-around;"> 6.52 m 21.4 ft </div>		
MEASUREMENT HISTORY Date and place of original measurement: July 5, 1945 at Savannah, GA Date and place of last previous remeasurement: April 17, 2001 at Washington, DC					
REMARKS International Tonnage Certificate (1969) issued for this vessel. Certificate reissued to reflect new midbody section and reserved space for temporary deck equipment. Assigned tonnages include 579.93 cubic meters of temporary deck equipment, located FR 52-58.					

APPENDIX B

MEASUREMENT ORGANIZATIONS

Organizations authorized to perform tonnage measurement on behalf of the U.S. Coast Guard under the provisions of Title 46, Code of Federal Regulations, Part 69 are listed below, along with addresses, phone numbers and points of contact.

American Bureau of Shipping (ABS)

16855 Northchase Drive Phone (281) 877-6133
Houston, TX 77060-6008 Fax (281) 877-6795
Point of Contact: Mr. Mark Treder Email "mtreder@eagle.org"

Bureau Veritas North America, Inc. (BVNA)

1850 Eller Drive, Suite 201 Phone (954) 525-4114
Port Everglades, FL 33316 Fax (954) 763-9718
Point of Contact: Mr. Robert Phillips Email "robert.phillips@us.bureauveritas.com"

Det Norske Veritas (DNV)

70 Grand Avenue Phone (201) 343-0800
River Edge, NJ 07661 Fax (201) 343-4061
Point of Contact: Mr. Phil Essex Email "phil.essex@dnv.com"

Germanischer Lloyd

Vorsetzen 32/35 Phone 011-49-40-36149-524
D-20459 Hamburg Fax 011-49-40-36149-1738
P.O. Box 11 16 06 Email "bkr@germanlloyd.org"
D-20416 Hamburg
Point of Contact: Mr. Wladimir Brintrup Kruger

Lloyd's Register of Shipping

71 Fenchurch Street Phone 011-44-20-7423-2524
London, England EC3M 4BS Fax 011-44-20-7423-2060
Point of Contact: Mr. David Whittaker Email "david.whittaker@lr.org"

(Page intentionally left blank)

APPENDIX C

DISCUSSION OF CHANGES

ADMINISTRATIVE REQUIREMENTS

- 1. Section 1.8 - Revisions to Tonnage Certificates** For clarity and completeness, the section was revised to specify that U.S. Tonnage Certificates must be reissued if a vessel is being remeasured solely for the purpose of being issued an ITC.
- 2. Section 2.4(b) - Excluded Spaces** The requirement to specify the frame locations in the “Excluded Spaces” block of the ITC was deleted. While useful, this information is not explicitly required by the 1969 Tonnage Convention. Experience has shown that there is insufficient room in some cases to list all excluded spaces if the frame locations are included.
- 3. Section 3.3(b) - General Information** Instructions for the “Date Completed” block were deleted, as the block has been deleted from the U.S. Tonnage Certificate form. Instructions for dimensional information were moved to Section 3.3(c). Remaining subsections of this section were renumbered accordingly.
- 4. Section 3.3(b)(3)(vi) - Vessel Type** The acronym “MODU” is unnecessary, and was deleted from the definition. In addition, this and several other paragraphs of Section 3.3(b)(3) were renumbered to place them in the correct alphabetical sequence.
- 5. Section 3.3(b)(7) - Propulsion** The instructions were revised to reflect the deletion of the “Propelling Machinery in Hull” block on the U.S. Tonnage Certificate form. The block was originally added to the form to capture information used when a vessel is measured under the simplified measurement system. However, only a small percentage of vessels for which U.S. Tonnage Certificates are issued are measured under the simplified measurement system. Of those vessels, the information is not needed by the NVDC for data entry into MISLE.
- 6. Section 3.3(c) - Hull Dimensions** Superseded Section 3.3(c), which concerned registered tonnages, was deleted and replaced with a new section providing instructions for completing the new “Main Dimensions” block on the U.S. Tonnage Certificate form.
- 7. Section 3.3(d) - Tonnages** The contents of superseded Section 3.3(d) were incorporated into new Section 3.3(e), and Section 3.3(d) was revised to include instructions for completing the new “Tonnages” block on the U.S. Tonnage Certificate form. These instructions provide for listing the acronyms GT ITC, NT ITC, GRT and NRT on the tonnage certificate adjacent to the appropriate assigned tonnages. The acronyms were added for clarity, since similar acronyms appear in the MISLE system and are increasingly being used throughout the Coast Guard and industry, especially in the area of merchant mariner licensing.
- 8. Section 3.4(a) - Convention Measurement System Information** Instructions have been revised to reflect alignment of this portion of the U.S. Tonnage Certificate with the ITC. This includes deletion of instructions relative to volume information, changes to instructions on excluded spaces, and addition of a requirement to annotate spaces that contain excluded spaces.

9. **Section 3.4(b) - Measurement History** This section was added to provide instructions for completing the new “Measurement History” block on the U.S. Tonnage Certificate form. The instructions were based on instructions for completing the corresponding blocks on the ITC.
10. **Section 3.4(c) - Remarks** This section was added to provide a listing of all authorized remarks, including versions of the deleted preprinted remarks, as well as other remarks that were previously authorized under superseded Sections 3.3(c) and (d).
11. **Section 3.4(c)(5) - Vessels with Water Ballast Exemption in Excess of 30%** This new remark was added to replace the remark the water ballast remark that was formerly preprinted. Unlike the preprinted remark, the remark does not include reference to the date of the approval letter, as this information is not needed for tonnage certification purposes. Copies of water ballast justification letters must be maintained in the vessel’s tonnage file, per the requirements of Section 6.2(a)(3).
12. **Section 3.4(c)(6) - Vessels Measured Under Dual Measurement System** This new remark was added to replace information that is no longer being provided elsewhere on the U.S. Tonnage Certificate form. This information can be of assistance to port authorities and others who may wish to verify whether or not a tonnage mark is submerged.
13. **Section 4.2(a) - Report Submittal** This section was revised to require electronic transmittal of the quarterly reports to facilitate handling and storage of this information at the MSC. A new option was included to allow the electronic transmittal of copies of the tonnage certificates as well. Finally, the requirement to provide information about contract admeasurers was deleted, as this information is no longer deemed to be necessary to ensure adequate oversight.
14. **Section 6.2(a)(1) - Tonnage Calculations** This section was revised to require that locations of spaces be specified in the tonnage calculations. This will facilitate checking and/or future reconstruction of calculations.
15. **Section 6.2(a)(5) - Molded Draft Records** This new section was added to require that copies of records used as the basis for establishing the molded draft be included in the vessel’s tonnage file. Copies of such records are necessary in order to reconstruct how the molded draft was established in cases where molded draft is not equal to 75 percent of the molded depth.
16. **Editorial and Administrative Changes** Editorial corrections and administrative updates were incorporated throughout the document.

APPENDICES

1. **Appendix A - ITC (Front and Back)** The sample vessel data provided on the ITC was revised to correct several inconsistencies, and for consistency with the changes to Section 2.4(b).
2. **Appendix A - U.S. Tonnage Certificate (Front and Back)** The U.S. Tonnage Certificate was revised for consistency with the way tonnage data is handled and presented by the new Marine Information for Safety and Law Enforcement (MISLE) system, including the new Certificates of Documentation (COD’s) generated by this system. Specifically, previous references to vessels’ “registered” tonnages have been discontinued, and tonnages assigned under both the convention and regulatory measurement systems are now being printed

on the COD. This renders the categorization of “registered” versus “regulatory” tonnages no longer applicable. In addition, a number of other changes were made to delete information that is not required for purposes of tonnage certification and is of minimal value in matching a vessel to a tonnage certificate. The resulting changes to the U.S. Tonnage Certificate are summarized as follows.

- (a) **Completion Date** - The block for vessel completion date was deleted. This data, while helpful, is not needed for tonnage certification purposes, and often presents problems with having to assign a completion year before the vessel is delivered.
- (b) **Dimensions Table** - A dimensions table was added to provide a matrix of all assigned dimensions, which identifies definitions used in assigning dimensions and aligns with the new MISLE software used by documentation officers. On the previous form, no such distinction was made, making it difficult to reconstruct which definitions were used. The only new data in this table not already captured on the existing form is the overall breadth and overall depth. The blocks for this new data are included for use by the Marine Safety Center in issuing tonnage certificates for simplified measured vessels, and for possible future use by authorized measurement organizations. The instructions provide for omitting the new data at this time.
- (c) **Tonnage Table** - A tonnage table was added to provide a matrix of all assigned tonnages. This table aligns with the new MISLE software used by documentation officers, which will help minimize tonnage data entry errors into this system.
- (d) **Remarks** - The preprinted remarks were deleted, with a remarks section provided for on the reverse side of the tonnage certificate. Preprinted remarks cannot be changed without changing the form itself, and their value is diminishing with the increasing adoption of electronic methods to generate tonnage certificates.
- (e) **Dates of Tonnage Assignment** - Detailed information regarding the dates of tonnages assignments was relocated to the reverse side of the tonnage certificate, in a format consistent with that used on the ITC.
- (f) **Reverse Side** - The information on the reverse side of the tonnage certificate has been revised consistent with the format used on the reverse of the ITC. Volumes of convention measurement system spaces and tonnages of regulatory measurement system spaces are no longer required to be listed. While the omitted information can be helpful, it merely duplicates what is provided in the tonnage calculations, and has been a source of nonconformities requiring reissuance of tonnage certificates. Deletion of this information also provides for flexibility in the future to adopt different accounting approaches in calculating regulatory tonnages, without having to revise the form.

3. **Appendix B - Authorized Measurement Organizations** The list of authorized measurement organizations has been updated to reflect the recent delegation of measurement authority to Germanischer Lloyd, and to update the point of contact information for BVNA. Also, the format was changed so that the list will continue to fit on a single page.