

COMSCINST 9997.1	COG CODE N7	DATE 7 AUG 1998
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DEPARTMENT OF THE NAVY
COMMANDER MILITARY SEALIFT COMMAND
WASHINGTON NAVY YARD BLDG 210
901 M STREET SE
WASHINGTON DC 20398-5540

COMSCINST 9997.1
N7
7 August 1998

COMSC INSTRUCTION 9997.1

Subj: DRYDOCK STANDARDS FOR OVERSEAS AVAILABILITIES

Ref: (a) MIL-STD-1625C, Safety Certification Program for Drydocking Facilities and Shipbuilding Ways for U. S. Navy Ships

Encl: (1) MSC Drydock Evaluation Form

1. Purpose. To provide a consistent Military Sealift Command (MSC) standard for evaluating overseas drydocks.
2. Applicability. The requirements of this instruction apply to all overseas drydocking availabilities for all MSC owned contract operated and civilian mariners (CIVMAR) manned ships.
3. Discussion. In order to ensure the safety of MSC ships in overseas drydocks and in order to fairly evaluate the capability and safety of all overseas drydocks proposed for drydocking MSC ships, consistent evaluation and acceptance criteria must be applied.
4. Policy. When USNS ships require drydocking in overseas facilities, they shall be drydocked in a facility that is acceptable to MSC. For determining compliance with this policy:
 - a. MSC shall determine if the drydock planned for drydocking the ship named in the solicitation is acceptable by evaluating drydock information and data submitted by prospective contractors. This information and data shall be submitted in the format of enclosure (1). Information and data submitted by prospective contractors in the format of enclosure (1) shall be used by MSC as part of the proposal evaluation process.
 - b. MSC criteria for determining the acceptability of an overseas drydock planned for drydocking the ship named in the solicitation shall include:

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(1) Current drydock certification under reference (a), or

(2) Current classification by a member of the International Association of Classification Societies (IACS), or

(3) A determination by MSC that the drydock has the required services for supporting the ship named in the solicitation, has emergency response and safety plans, has drydocked a ship of equal or greater tonnage no more than 6 months prior to the date of the solicitation and if no accidents or incidents (including acts of God) which may compromise the integrity and safety of the drydock have occurred, or

(4) An independent third party survey by an engineering firm or organization recognized by the American Bureau of Shipping as capable of performing drydock design reviews which determines that the drydock planned for drydocking the ship named in the solicitation:

(a) Is in an acceptable material condition.

(b) Has effective emergency response systems and plans.

(c) Is safe and capable of drydocking the intended ship and that the ship does not exceed the drydock's dimension rating, maximum entry draft, maximum lift capability, maximum linear load rating.

(d) Has a successful historical record in drydocking ships.

5. Action. For availabilities requiring overseas drydocking:

a. Contracting Officers shall:

(1) Include a copy of enclosure (1) in the solicitation, with the shaded portion completed by the Engineering Officer of the cognizant Area Commander.

(2) Establish enclosure (1) as an evaluation factor for determining an offeror's technical acceptability.

(3) Require that offerors include a completed enclosure (1) with their proposal submission.

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(4) Inform all prospective contractors that MSC reserves the right to accomplish a thorough drydock survey either by MSC personnel or by an independent third party to support their evaluation of the drydock planned for drydocking the ship named in the solicitation. This is in addition to evaluating the information and data submitted by the offeror through enclosure (1).

(5) Award a contract requiring drydocking only after the Engineering Officer of the cognizant Area Commander has reviewed information and data submitted by the offeror through enclosure (1) and has determined that it is technically complete and that current drydock certification or past drydock history indicates that the drydock is acceptable for drydocking the ship named in the solicitation.

(6) Submit recommended changes to this instruction to COMSC N7 for review.

b. The Program Managers shall:

(1) Support the Engineering Officer of the cognizant Area Commander's planning efforts for the ship availability and drydocking.

(2) Verify that current and readable drydocking plans are available or supplied to the Engineering Officer of the cognizant Area Commander.

(3) Provide information as necessary to enable the cognizant Area Commander to complete the shaded portions of enclosure (1) before the solicitation is released.

(4) Review with the Engineering Officer of the cognizant Area Commander each offeror's submission of enclosure (1) for the drydock planned for drydocking the ship named in the solicitation to determine if:

(a) The information is complete, valid and current.

(b) The drydock is acceptable.

(c) A survey by MSC and/or a third party is required and provide funding for same.

(5) Submit recommended changes to this instruction to COMSC N7 for review.

c. The Engineering Officer of the cognizant Area Commander shall:

(1) Support the Program Manager's ship availability and drydocking requirements.

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(2) Verify that current and readable drydocking plans are supplied to prospective Contractors.

(3) Complete the applicable portions of enclosure (1) and ensure that it is included in the Source Selection Plan, if applicable. (This form will be provided to Engineering Officers of Area Commanders in electronic format with programmed conversion factors from English to metric units.)

(4) In conjunction with the Program Manager, evaluate the technical capability of all offerors based on proposal evaluation criteria which include data submitted in accordance with enclosure (1) and the Source Selection Plan, if applicable, to determine if:

(a) The information is complete, valid and current.

(b) The drydock's history, available services, safety record and current certifications are sufficient to determine if the drydock is acceptable or to determine if a drydock survey is necessary and coordinate funding for same.

(5) In conjunction with the Program Manager, recommend contract award to the Contracting Officer once offeror technical acceptability is determined.

(6) Submit recommended changes to this instruction to COMSC N7 for review.

d. COMSC N7 shall:

(1) Coordinate policy changes to overseas drydock requirements and standards.

(2) Ensure that all ships have on board current and readable drydocking plans.

(3) Provide technical assistance to Program Managers in evaluating offeror submissions, including review of data submitted in accordance with enclosure (1).

(4) Provide enclosure (1), in electronic format, to Program Managers and Engineering Officers of Area Commanders to facilitate its consistent and efficient completion.

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Distribution:

COMSCINST 5000.19

List I (Case A, B)

SNDL 41B (MSC Area Commanders)

41C (NFAF East/West)

Copy to:

SNDL 41E (APMC)

MSC DRYDOCK EVALUATION FORM

Ship name:

Hull No:

PART A (to be completed by MSC)

Ship Characteristics

	English measure		Metric measure
Length, overall	<input type="text"/> ft -	<input type="text"/> in	0.0 m
Breadth, molded	<input type="text"/> ft -	<input type="text"/> in	0.0 m
Draft, summer loadline	<input type="text"/> ft -	<input type="text"/> in	0.0 m
Gross Tonnage (U. S.)	Tons		
Displacement, Full Load	LT		0.0 MT

Minimum Displacement/Draft

Displacement	LT		0.0 MT
Draft - forward	<input type="text"/> ft -	<input type="text"/> in	0.0 m
Draft - aft	<input type="text"/> ft -	<input type="text"/> in	0.0 m
Max stern trim for graving dock	<input type="text"/> ft -	<input type="text"/> in	0.0 m

Anticipated Arrival Draft

Draft - forward	<input type="text"/> ft -	<input type="text" value="0"/> in	0.0 m
Draft - aft	<input type="text"/> ft -	<input type="text" value="0"/> in	0.0 m

Positioning Clearances

Bottom: keel to drydock floor	<input type="text"/> ft -	<input type="text" value="0"/> in	0.0 m
Side: hull to drydock wall	<input type="text"/> ft -	<input type="text" value="0"/> in	0.0 m

Loading Pressures

Max block loading LT per sq. ft. 0.0 MT per sq mtr

Note: All blocks to be positioned under longitudinal strength members and transverse bulkheads.

Blocking Requirements

Construction	<input type="text"/>
Cap material	<input type="text"/>
Cap thickness (min)	<input type="text"/>
Side blocks (e.g., shaped, wedged, etc.)	<input type="text"/>

Hardwood: White Oak, California Laurel, Oregon Myrtle, Iron bark, Blue Gum, American Rock Elm or Preserved Red Oak.

Softwood: Douglas Fir, Tamarack, Long Leaf Pine or Hemlock

PART B (to be completed by ALL shipyards)
Drydock Certification / Classification Info

Shipyard name	<input type="text"/>
Drydock No.	<input type="text"/>
Drydock Type	Graving <input type="checkbox"/> Floating <input type="checkbox"/> Marine Railway <input type="checkbox"/>
Certified?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Certifying / Classifying Agency	<input type="text"/>
Certificate No.	<input type="text"/>
Date of expiration	<input type="text"/>

Provide date in English and Metric Units:

Drydock Characteristics

Length, overall	<input type="text"/> ft-in	<input type="text"/> m
Breadth	<input type="text"/> ft-in	<input type="text"/> m
Maximum drydock lift capability	<input type="text"/> LT	<input type="text"/> MT

Maximum entry draft rating: LT MT

Water depths around dock area and approaches, tidal conditions, and any unusual conditions for entering/leaving the drydock.
 ft-in m

Depth Over Floor	<input type="text"/> ft-in	<input type="text"/> m
Depth Over Blocks	<input type="text"/> ft-in	<input type="text"/> m
Depth Over Sill	<input type="text"/> ft-in	<input type="text"/> m

Max Block Loading Capability

Block Capability LT/ft² LT/m²

Keel & Side Block Information

Construction	<input type="text"/>	
Cap Material	<input type="text"/>	
Cap Thickness	<input type="text"/> in	<input type="text"/> cm
Block Age	<input type="text"/>	
Height	<input type="text"/> ft-in	<input type="text"/> m
Width	<input type="text"/> ft-in	<input type="text"/> m
Length	<input type="text"/> ft-in	<input type="text"/> m

MSC DRYDOCK EVALUATION FORM (cont'd)

PART A (to be completed by MSC)

Minimum Required Services

Electrical power				
AC volts	<input type="text"/>	VAC		
number of phases	<input type="text"/>			
amperage (total)	<input type="text"/>	amps		
frequency	<input type="text"/>	Hz		
number of lines	<input type="text"/>			
Ground connections				
number	<input type="text"/>			
cable size, each	<input type="text"/>	cir mils		
Sewage connections				
number	<input type="text"/>			
pipe size	<input type="text"/>	inch ips		
capacity	<input type="text"/>	gals per day	0	liters per day
Fire Main				
number of connections	<input type="text"/>			
connection size	<input type="text"/>	inch ips		
pressure	<input type="text"/>	psig	0.0	kg per sq cm
capacity	<input type="text"/>	gals per min	0	liters per min
Aux Seawater				
pressure	<input type="text"/>	psig	0.0	kg per sq cm
capacity	<input type="text"/>	gals per min	0	liters per min
Fresh Water				
pressure	<input type="text"/>	psig	0.0	kg per sq cm
capacity	<input type="text"/>	LT per day	0	liters per min
Compressed Air				
pressure	<input type="text"/>	psig	0.0	kg per sq cm
capacity	<input type="text"/>	cu ft per min	0	kg per hour
Shore Steam				
pressure	<input type="text"/>	psig	0.0	kg per sq cm
capacity	<input type="text"/>	lbs per hour	0	kg per hour
High Pressure Water Wash	<input type="text"/>	psig	0.0	kg per sq cm

Safety Response Plans Required

Firefighting	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Flooding (accidental)	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Earthquake	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Typhoon	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

PART B (to be completed by ALL shipyards)

Provide data in English and Metric units

Minimum Available Services

Electrical power				
AC volts	<input type="text"/>	VAC		
number of phases	<input type="text"/>			
amperage (total)	<input type="text"/>	amps		
frequency	<input type="text"/>	Hz		
number of lines	<input type="text"/>			
Ground connections				
number	<input type="text"/>			
cable size, each	<input type="text"/>	cir mils		
Sewage connections				
number	<input type="text"/>			
pipe size	<input type="text"/>	inch ips	<input type="text"/>	cm
capacity	<input type="text"/>	gal/day	<input type="text"/>	ltr/day
Fire Main				
number of connections	<input type="text"/>			
connection size	<input type="text"/>	inch ips	<input type="text"/>	cm
pressure	<input type="text"/>	psig	<input type="text"/>	kg/m ²
capacity	<input type="text"/>	gpm	<input type="text"/>	ltr/min
Aux Seawater				
pressure	<input type="text"/>	psig	<input type="text"/>	kg/m ²
capacity	<input type="text"/>	gpm	<input type="text"/>	ltr/min
Fresh Water				
pressure	<input type="text"/>	psig	<input type="text"/>	kg/m ²
capacity	<input type="text"/>	gpm	<input type="text"/>	ltr/min
Compressed Air				
pressure	<input type="text"/>	psig	<input type="text"/>	kg/m ²
capacity	<input type="text"/>	cfm	<input type="text"/>	ltr/min
Shore Steam				
pressure	<input type="text"/>	psig	<input type="text"/>	kg/m ²
capacity	<input type="text"/>	lb/hr	<input type="text"/>	kg/hr
High Pressure Water Wash	<input type="text"/>	psig	<input type="text"/>	kg per sq cm

Safety Response Plans Available (circle correct answer)

Firefighting	Yes		No	
Flooding (accidental)	Yes		No	
Earthquake	Yes		No	
Typhoon	Yes		No	

MSC DRYDOCK EVALUATION FORM (cont'd)

PART C (to be completed by Shipyard if drydock is not certified by IACS or under MIL STD 1625C)

Dockmaster info
Contractor name
Dockmaster name
Certifying Agency
Certificate No.
Years experience

Drydock Insurance Info

Is Drydock insured?
Insurer
Policy No.
Amount Insured
Date of expiration

Yes No

PART D (to be completed by ALL Shipyards)

1. The Offeror shall provide a list of the vessels (and their principal characteristics) drydocked in this drydock over the past 2 years. (Attach a separate page)
2. The Offeror shall describe the nature and cause of accidents experienced by the shipyard in drydocking operations over the past 5 years. The Offeror shall describe corrective action taken or practices implemented to prevent recurrence of accident. (Attach a separate page)

I hereby certify that the above information is true and accurate.

Name and Title of Shipyard Official

Signature of Shipyard Official

Date