

<i>Title:</i> Extension of the implementation dates for installation of BWTS and Initial Survey for the issuance of the IBWM Certificate		<i>Identification:</i> QC-T-307	<i>Revision:</i> 0									
<i>Key words:</i> BWM BWTS surveys												
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<i>Circular related to:</i> Implementation of the BWM Convention, 2004			<i>The following circular becomes invalid:</i> -									
<i>Application within CRS:</i>												
D	Uq	Ar/AA	AF	AO	Tr	TB	TS	TE	Kr/KN	KI	Fr/F	Cr/C
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RI	SH	PU	ML	ST	ZD	ŠI	KO	SK	ZG			RV
✓	✓	✓	✓	✓	✓	✓	✓					
<i>Application outside CRS:</i> - MMPI - Association MARE NOSTRUM												

1. Implementation scheme for BWTS installation

The Marine Environment Protection Committee of the IMO, at its 71st meeting held from 3 to 7 July 2017 (MEPC 71), reached a compromise on the implementation dates for Ballast water treatment systems according to discharge standard in regulation D-2 of the Ballast Water Management Convention (BWM Convention).

The implementation deadline for BWTS installation will be in accordance with Table hereunder.

	Keel laying date		Deadline for the BWTS installation
1	On or after 8 September 2017	All ships	On delivery
2	Before 8 September 2017	Ships which do not have IOPP Certificate (Oil tankers of less than 150 GT and ships other than oil tankers of less than 400 GT)	Not later than 8 September 2024
3		Ships which completed IOPP renewal survey on or after 8 September 2014 but prior to 7 September 2017	Not later than the date of the first renewal survey for IOPP Certificate on or after 8 September 2017
4		Ships other than those in 3	By the completion date of the second renewal survey associated with the IOPP Certificate on or after 8 September 2017 or the renewal survey associated with the IOPP Certificate on or after 8 September 2019, whichever comes first

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2. Plan approval, documents to be submitted and initial survey

2.1 General

As from 8 September 2017. all ships of 400 gross tonnage and above to which the BWM Convention applies shall have International Ballast Water Management Certificate (IBWMC) or Statement of Compliance for the BWM Convention on board. Accordingly, CRS has launched to issue the certificate following initial survey subject to the authorization from administration. In this respect CRS' QC-UA-100-XXX are to be observed (e.g. Liberian Administration requires its own approval of BWM Plans, St. Vincent and Grenadines is not party to BWM Convention and Statement of Compliance is to be issued, etc.).

The approved BWM Plan and the IBWM Certificate is required to ships applied with only Regulation D-1 (ballast water exchange standard) as well as ships applied with Regulation D-2 (ballast water treatment system) by the date of entry into force of the Convention.

The plans and documents required to be submitted for approval, which need to be performed prior to that carrying out of initial survey, are as stated below. Plans and documents required to be submitted for approval which were previously submitted and approved by CRS do not need to be re-submitted.

2.2 Ships which apply Ballast Water Exchange Standard (Reg. D-1), only

2.2.1 Documents to be submitted to CRS

Ballast Water Management Plan to be submitted (3 sets)

2.2.2 Initial survey

Applications for initial survey for the BWM Convention should be submitted to the CRS Head Office.

CRS inspector is to confirm that an approved BWM Plan and a proper maintained Ballast Water Record Book are kept on board. IBWM Certificate or Statement of Compliance, as appropriate, will be issued.

2.3 Ships which apply both Reg. D-1 and Reg. D-2 or Reg. D-2 only

2.3.1 Documents to be submitted to CRS

Following plan and documents (3 sets) are to be submitted to CRS Head Office.

- A copy of the Type Approval Certificate of BWTS issued by flag administration or IACS member in accordance with IMO Resolution MEPC.174(58): "Guidelines for Approval of Ballast Water Management Systems (G8)" or Res. MEPC.279(70) (for BWTS installed on ships on or after 28 October 2020).
- BWTS arrangement drawing
- Arrangement of ballast water piping
- Arrangement of construction of sampling points (Detailed drawing described position and construction of sampling points)
- Wiring diagram of main power circuit
- Wiring diagram of control and instrument
- Arrangement of electric apparatus
- Electric power table
- Short circuit current analysis

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- List of explosion-proof type electric equipment and arrangement (if applicable)
- Ballast water management plan
- On board test procedure
- Other drawings considered necessary by CRS

2.3.2 Initial survey

Applications for initial survey shall be submitted to the CRS Head Office.

Matters as stated below are to be confirmed on board. In addition, it is to be confirmed an approved BWM Plan and a proper maintained Ballast Water Record Book are kept on board.

- Actual layout of ballast water piping system, including ballast pumps and BWTS as well as sampling facilities with reference to approved plans and documents.
- Operation test of BWTS in general, this test should include both ballast and de-ballast operation tests under rating capacity.
- Confirmation of proper storage and maintenance of chemical substances used for BWTS.
- Confirmation of onboard BWTS is corresponding to its Type Approval Certificate.
- For BWTS which use chemical substances for treatment, confirmation of the type to clarify its compliance to "IMO Resolution MEPC. 169(57): Procedure for Approval of Ballast Water Management Systems that Make Use of Active Substances (G9)" as may be amended.
- Necessary stocks of consumables for the control and monitoring devices for operation test and the record of its result, if the ballast water management recording device is installed.
- For BWMS that produce residual products such as sediments in its operation, storage of facilities exclusively used for these substances.
- Other inspections considered necessary by CRS inspector(s).
- CRS inspector are obliged to fill-in the check list IL-13nov BWM.

Note: For annual/intermediate/renewal survey the check list IL-13 BWM is to be used

3. Documents which are to be kept on-board

- A copy of the Type Approval Certificate of BWTS issued by flag administration or IACS member in accordance with IMO Res. MEPC.174(58): "Guidelines for Approval of Ballast Water Management Systems (G8)" or Res. MEPC.279(70);
- A Statement to confirm that the electrical and electronic components of the BWMS have been type-tested in accordance with above mentioned G8 which is the specified for environmental testing;
- Equipment manuals for major components of the BWMS;
- An operations and technical manual for the BWMS specific to the ship;
- Installation specifications;
- Installation commissioning procedures;
- Initial calibration procedures;
- Other documents considered necessary by CRS.

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