

USCG BALLAST WATER MANAGEMENT COMPLIANCE IN U.S. WATERS

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United States Coast Guard
U.S. Department of Homeland Security

BW Tech Global Conference
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USCG HEADQUARTERS OFFICES - BWM ROLES

Office of Operating and Environmental Standards (CG-OES)

- Regulatory development
- Alternate Management System List (AMS)
- Compliance date extension process

Marine Safety Center (MSC)

- Oversees All facets of BWMS Type Approval

Office of Investigations and Analysis (CG-INV)

- Develops Enforcement Guidance
- Workforce Training
- Data Analysis

Office of Commercial Vessel Compliance (CG-CVC)

- Develops Compliance Guidance for:
 - Domestic & Foreign Vessel Exams
 - Workforce Training
 - QS21 + E-Zero



EXAM APPROACH

- Ballast water exams are conducted to verify:
 - Valid documents
 - Systems/Structural compliance
 - Crew knowledge
- If discrepancies are identified, “clear grounds” may lead to a “more detailed inspection”, which may involve testing (e.g., OWS)
- Authority to collect samples: 33 CFR 151.2075



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COMPLIANCE OPTIONS

1. No BW Discharge



2. Coast Guard Approved Ballast Water Management System



3. Discharge to Facility Onshore or to Another Vessel for Purpose of Treatment



4. Use only water from a U.S. Public Water System



Two Temporary Compliance Alternatives



1. Alternate Management System (AMS) – Temporary Designation for up to 5 years

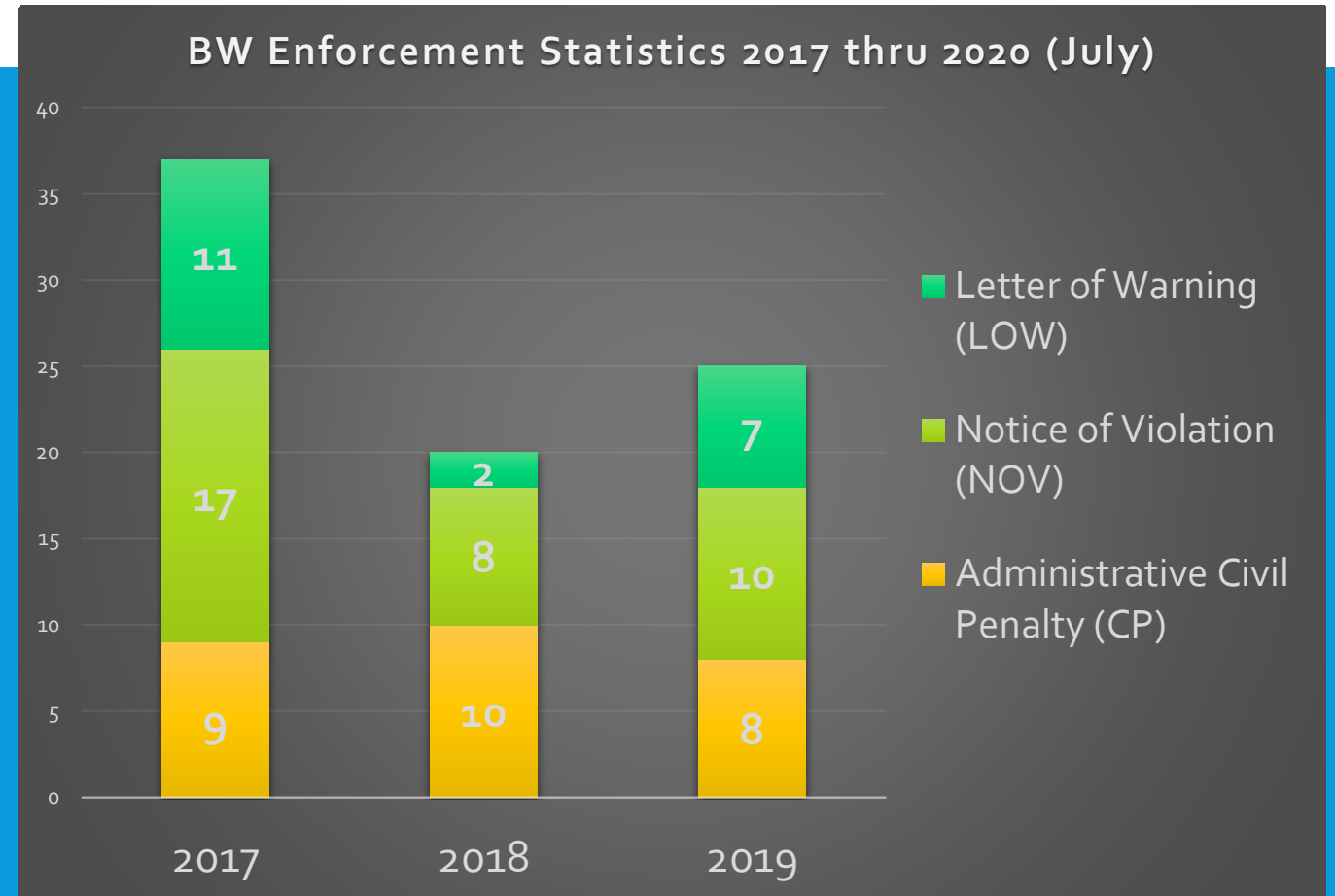
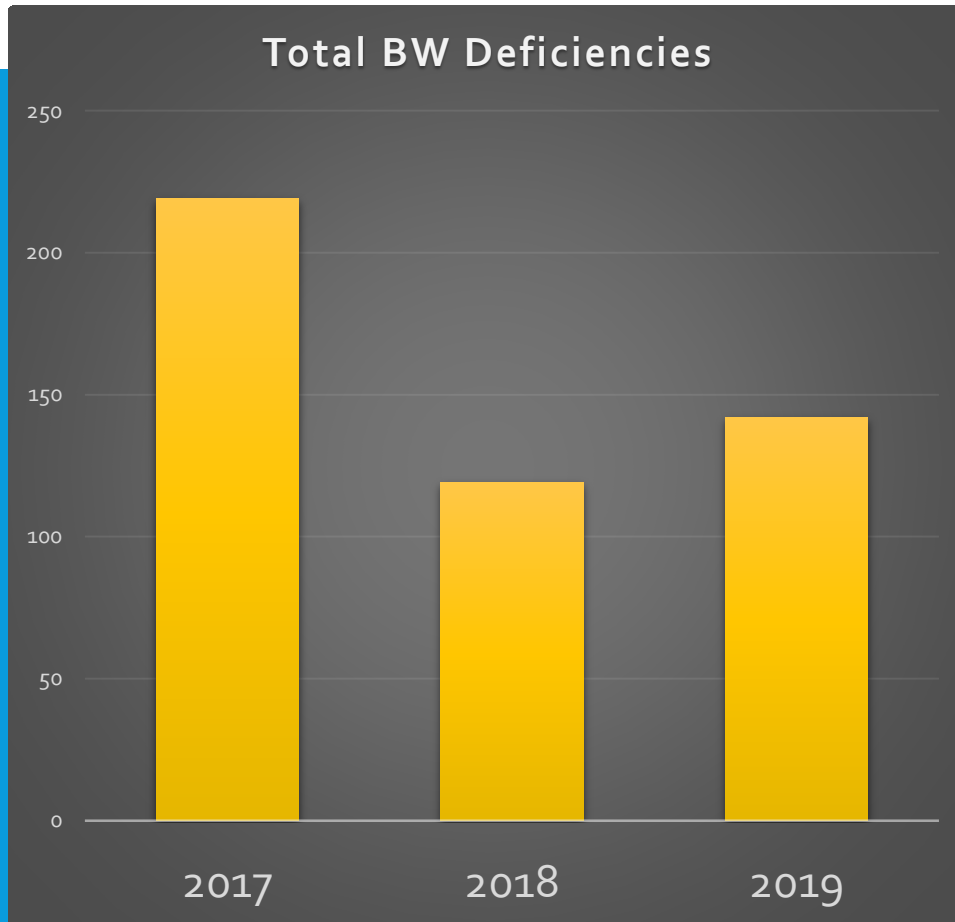


2. Receive an Extension to Vessel's Compliance Date - extension period will vary depending upon TA system availability



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BALLAST WATER COMPLIANCE TRENDS



BALLAST WATER DEFICIENCIES (2019 – 2020)

- Logs and Records:
Down 57%
- Report Submission:
Down 26%
- Mandatory Practices:
Down 80%
- Ballast Water Discharge:
Up 76%
- BWM Plan:
Up 17%



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BALLAST WATER REPORTING

- Follow NBIC instructions for filling out

<https://nbic.si.edu>

- New requirement for vessels to list last drydock date on reporting form

Ballast Water History

Tank name/number	1 Wing P	Tank capacity	1000
Event	Discharge to US waters	Date	15-Sep-2016
Location(s)	Baltimore, MD	Start pt / End pt	45 10 N 35 40 W / 45 05 N 35 30 W
Volume	1000		
Event	Empty-refill exchange	Date	10-Sep-2016
Location(s)	Hamburg, Germany	Start pt / End pt	
Volume	1000		
Event	Source	Date	08-Sep-2016
Location(s)	Hamburg, Germany	Start pt / End pt	
Volume	1000		
Event	Select event		
Event	Select event		
If BW management was "not" conducted for this tank, select one of the following reasons: Select reason			

Tank name/number	5 DB S	Tank capacity	1000
Event	Discharge to US waters	Date	15-Sep-2016
Location(s)	Baltimore, MD	Start pt / End pt	
Volume	1000		
Event	Source	Date	08-Sep-2016
Location(s)	Houston, TX	Start pt / End pt	
Volume	1000		
Event	Select event		
Event	Select event		
If BW management was "not" conducted for this tank, select one of the following reasons: Route exemption			

NBIC National Ballast Information Clearinghouse

Submit BW Report Search NBIC Database NBIC Research & Development NBIC News Home

Last updated: 19-January-2017

Ballast Water Management Reporting PDF Form

NOTE: Adobe Acrobat or Adobe Reader, version 9 or later, is required to use the PDF BWMR form. Adobe Reader can be downloaded from adobe.com.

Instructions Standard PDF Form 36 Tank PDF Form Sample form

Extended form: The standard form can report the ballast water history of up to 20 tanks. The **Extended Form** can report up to 36 tanks.

Completion Instructions

VESSEL INFORMATION

Vessel name: Enter the name of the vessel. For tug and barge combinations, please list multiple vessel names separated by a hyphen.

ID number: Select "IMO Number" or "Official Number" from the pull-down menu, and enter the vessel identification number into the adjacent field. For tug and barge combinations, please list multiple vessel numbers separated by a hyphen.

Country of Registry: Choose from the country pull-down menu.

Owner/operator: Enter the name of the registered owner(s) of the vessel. If under charter, enter operator name.

Ballast Water Management Report

OMB number 1625-0069
Exp. date: 31-July-2023

Vessel Information

Vessel name

ID number **IMO number**

Country of Registry **Select country**

Owner/operator

Type **Select vessel type** Gross Tonnage

Ballast water volume units **Select units**

Total ballast water capacity Number of tanks on ship

Onboard BW Management System

Last dry dock date

Last dry dock date: The date the vessel was last in dry dock, or the delivery date, whichever is later.



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INOPERABLE BWMS

- Inoperable BWMS must be reported to nearest OMCI/ COTP or District Commander immediately (inform next COTP early, if applicable)
- Assess BWMS contingency and/or repair proposal the same as other vital shipboard systems
- Due to a multitude of variables and scenarios, decisions will be made vessel-by-vessel
- SMS should have a contingency plan for inoperable BWMS



BWM RESOURCES

- e CFR: Title 33 CFR Subchapter O, Part 151 – Vessels Carrying Ballast Water
- National Ballast Information Clearinghouse (NBIC) website
- CG Maritime Commons Blog Series Articles
- CG-CVC Policy Letter 18-02 on Inoperable BWMS
- USCG NVIC 01-18 on BWM for Control of Non-Indigenous Species
- CG Marine Safety Center website on Type Approvals (CGMIX)
- CG-OES website on BWM Frequently Asked Questions & AMS List
- CG-CVC Port State Control Annual Reports (series)



QUESTIONS?

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