

TECHNICAL BULLETIN

WATERCRAFT INFORMATION AND REPORTING SYSTEM (WIRS) DATA COLLECTION FOR CONFIGURATION CONTROL

Approved for public release; distribution is unlimited.

*This technical bulletin supersedes TB 55-1900-205-24, dated 30 June 1994, including all changes.

HEADQUARTERS, DEPARTMENT OF THE ARMY

28 June 2002

LIST OF EFFECTIVE PAGES

NOTE: This manual supersedes TB 55-1900-205-24 dated 30 June 1994.

Dates of issue for revision is :

Original 028 June 2002

TOTAL NUMBER OF PAGES FOR MANUAL IS 16,
CONSISTING OF THE FOLLOWING:

Page No.	*Change No.	Page No.	*Change No.
Title.....	0		
A.....	0		
B.....	0		
1.....	0		
2.....	0		
3.....	0		
4 blank.....	0		

*Zero in this column indicates an original page

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DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

WATERCRAFT INFORMATION AND REPORTING SYSTEM (WIRS)

DATA COLLECTION FOR CONFIGURATION

CONTROL

Current as of 28 June 2002

Headquarters, Department of the Army, Washington, D.C.

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

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* This technical bulletin supersedes TB 55-1900-205-24, 30 June 1994.

Section I. INTRODUCTION

1. **PURPOSE.** This bulletin prescribes the watercraft major components for which a requirement is established to maintain and collect maintenance management data.
2. **RESPONSIBILITIES.** All Army organizations operating, maintaining, stocking, storing, issuing, modifying repairing, and overhauling of watercraft and their components or assemblies, which are the property of the Department of the Army, will comply with the provisions of this bulletin.
3. **DEFINITIONS.**
 - a. **End Item.** A final combination of end products, component parts, and/or materials which is ready for its intended use (e.g., Landing Craft Utility, Logistics Support Vessel, Barge Derrick).
 - b. **Component.** An assembly mounted together during manufacture (e.g., Main Engine, Emergency Generator Set, Marine Sanitation Device).
 - c. **Subassembly.** Functional division within an assembly made up of a number of parts and capable of further disassembly (e.g., fuel oil transfer pump, motor electric).

Section II. GENERAL PROCEDURES

4. **GENERAL.**
 - a. A comprehensive collection system of maintenance management data on watercraft has been established within DA PAM 738-750. The successful collection and utilization of this data is prescribed in the following paragraph.
 - b. A configuration survey has been performed on specific US Army Floating Equipment. The survey consisted of obtaining information on vessel components and subassemblies. This initial survey information has been processed into a computer data bank at the US Army Tank-automotive and Armaments Command (TACOM), Warren, MI, the responsible National Maintenance Point (NMP). Continuous updating of the vessels, components, and/or subassemblies will be accomplished annually.
5. **PROCEDURES.**
 - a. A printout (3½ diskette or e-mail, Excel format) of the major components and subassemblies of a watercraft will be forwarded annually to the responsible using unit for the purpose of review and updating. The review and updating will be performed by the Vessel master, Marine maintenance officer, or engineer, as applicable. Any changes to the component listing and including any/all components that have been added will be annotated on the printout and signed by the reviewer. All changes to existing components and additions of new components will include all data fields necessary to make a complete and accurate record (i.e., nomenclature, model, serial number, manufacturer, national stock number, total engine operating hours). In addition, physical/ operational characteristics necessary to identify the component (i.e., inlet/outlet sizes, horsepower rating, frame size), will be included in the remarks section of the component. All data fields are to be updated and all new components added will be annotated.
 - b. When floating equipment enters the shipyard or repair facility in a noncrewed status, review and update will be the responsibility of the onsite US Army responsible agent performing contract surveillance.

- c. All floating equipment that is in a dry storage status will be excluded from review and updating of printout. However, reviewer will annotate the printout indicating the subject vessel is in a dry storage status and updating was not performed.
- d. All floating equipment that is in a wet storage status, will at the time of cyclic drydocking perform review and update of printout and include any/all new components that have been added to the vessel.
- e. The date of refloating from last day docking report and the projected date of next docking will be entered in remarks section for each class of vessel listed in AR 750-1.
- f. TACOM will update the computer data bank with changes received and within 60 days return a copy of the updated listing to the responsible using unit to be used as a working copy and retained on board the vessel. Accuracy of all entries on the computer listing cannot be overemphasized.

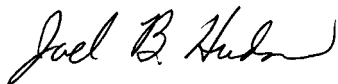
6. DISPOSITION.

- a. When the printout is reviewed and updated by the using unit, it will be returned to TACOM within 60 days after receipt of printout.
- b. When the printout is reviewed and updated by the onsite US Army responsible agent performing contract surveillance, it will be returned to TACOM within 60 days after completion of floating equipment overhaul and/or drydocking.
- c. The updated printout (3½ diskette or e-mail, Excel format) will be forwarded to: US Army Tank-automotive and Armaments Command, Troop Support Group, Army Watercraft, ATTN: AMSTA-LC-CJAB, 6501 East 11 Mile Rd., Warren, MI 48397-5000. You may also e-mail watercraft@tacom.army.mil with header sheet ATTN: AMSTA-LC-CJAB, WATERCRAFT INFORMATION REPORTING SYSTEM.

By Order of the Secretary of the Army:

ERIC K. SHINSEKI
General, United States Army
Chief of Staff

Official:



JOEL B. HUDSON
Administrative Assistant to the
Secretary of the Army
0209801

DISTRIBUTION:

To be distributed in accordance with Initial Distribution Number (IDN) 343213, requirements for TB 55-1900-205-24.

These are the instructions for sending an electronic 2028

The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however only the following fields are mandatory:
1, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15, 16, 17, and 27.

From: "Whomever" <whomever@avma27.army.mil>
To: TACOM-TECH-PUBS@ria.army.mil
Subject: DA Form 2028

1. From: Joe Smith
2. Unit: home
3. Address: 4300 Park
4. City: Hometown
5. St: MO
6. Zip: 77777
7. Date Sent: 19-OCT-93
8. Pub no: 55-2840-249-23
9. Pub Title: TM
10. Publication Date: 04-JUL-85
11. Change Number: 7
12. Submitter Rank: MSG
13. Submitter FName: Joe
14. Submitter MName: T
15. Submitter LName: Smith
16. Submitter Phone: 123-123-1234
17. Problem: 1
18. Page: 1
19. Paragraph: 3
20. Line: 4
21. NSN: 5
22. Reference: 6
23. Figure: 7
24. Table: 8
25. Item: 9
26. Total: 123
27. Text:

This is the text for the problem below line 27.

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is OAASA	Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
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TO (Forward to proponent of publication or form) (Include ZIP Code)	FROM (Activity and location) (Include ZIP Code)
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PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS

PUBLICATION/FORM NUMBER TB 55-1900-205-24	DATE 28 June 2002	TITLE Watercraft Information and Reporting System Data Collection
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ITEM	PAGE	PARA-GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON

** Reference to line numbers within the paragraph or subparagraph.*

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
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TO <i>(Forward direct to addressee listed in publication)</i>	FROM <i>(Activity and location) (Include ZIP Code)</i>	DATE
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PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION NUMBER	DATE	TITLE
---------------------------	-------------	--------------

PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION

PART III - REMARKS *(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)*

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 decameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces

1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 feet

Approximate Conversion Factors

<i>To change</i>	to	<i>multiply by</i>	<i>To change</i>	to	<i>multiply by</i>
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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PIN: 015598-000