TECHNICAL MANUAL

OPERATOR'S MANUAL
LIGHTER, AMPHIBIOUS
(LARC-LX) SELF-PROPELLED,
DIESEL, STEEL, 60 TON, 61 FT,
DESIGN 2303, HULLS 5 THROUGH 60
NSN 1930-00-392-2981

This copy is a reprint which includes current pages from Changes 1 through 8.

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*This manual supersedes TM 55-1930-203-10, 15 September 1966, including all changes.

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

This manual is for your use in operating and maintaining the 61-foot, 60-ton, self-propelled amphibious lighter (LARC-LX).

1-2. Maintenance Forms and Records

Maintenance forms and records that you are required to use are as follows:

a. DA Form 2404 (Equipment Inspection and Maintenance Worksheet).
b. DA Form 2407 (Maintenance Request Used for Requesting Support Maintenance).
c. DA Form 2407-1 (Continuation Sheet Used for Requesting Support Maintenance).

For further information refer to DA Pam 738-750 (The Army Maintenance Management System (TAMMS)).

1-3. Reporting of Errors

You can help to improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

Section II. DESCRIPTION AND DATA

1-4. Description

The amphibious lighter (LARC LX), hereafter referred to as LARC (figs. 1-1 and 1-2) is an amphibious transport vehicle used to transport wheeled and tracked vehicles and general cargo from ship to beach and inland transfer points. It can be deck loaded on a larger vessel or carried in the well deck of an LSD for transportation to overseas destination. The LARC is a 4-wheeled lighter capable of transporting 120, 000 pounds of cargo from an offshore supply vessel through heavy surf; under favorable conditions the LARC can transport 200, 000 pounds. In land operation, each wheel is independently driven by one of the four engines. In marine operation, the port propeller may be driven by either or both port engines and the starboard propeller by either or both starboard engines. If you need a detailed description of any component of the LARC, ask your supervisor to see TM 5-1930-203-20.

Figure 1-1. LARC-LX, rear three-quarter view, port side.

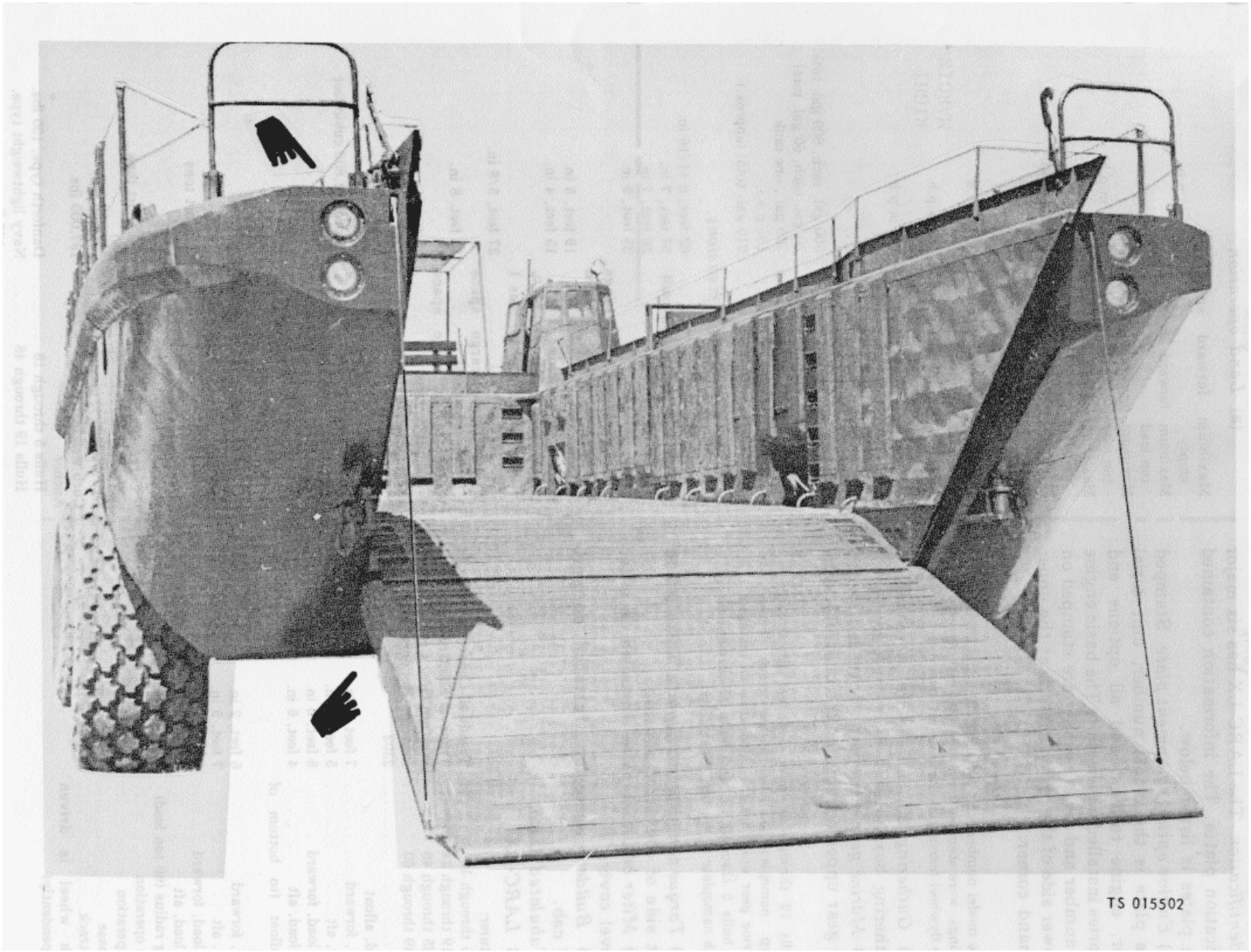

Figure 1-2. Front view of LARC-LX, ramp down.