

1.5. Tabulated Data

a. *Identification.* The LARC-LX has six major identification plates. The information contained on the plates is listed below.

(1) *Engine option equipment plate.* Stamped on this plate is the model number, unit serial number, engine ratings, and all options and accessories installed on the unit. The basic engine model number and serial number are stamped on the blower side of the cylinder block at the upper right hand corner.

NOTE

The model number, unit serial number, and engine ratings, were stamped on a nameplate attached to the flywheel housing on early units.

(2) *Gathering box nameplate.* Attached to the gathering box housing near the generator.

(3) *Marine gear nameplate.* Installed on the marine gear upper housing at the control valve.

NOTE

Hulls 19 through 24 have Transval Electronic Corp. nameplate on the marine gears. These marine gear units are the same units as installed on hulls 5 through 18, and hulls 25 through 60 with nameplate of Western Gear Corp.

(4) *Torque converter nameplate.* Installed on the left side of converter housing.

(5) *Miter box nameplate.* Installed on miter box bevel cover.

(6) *Builders nameplate.* Installed on port wall of cab.

b. Tabulated Data.

(1) LARC-LX.

Manufacturer:	
Hulls 5 through 18.....	Treadwell Construction Co.
Hulls 19 through 24.....	Transval Electronic Corp.
Hulls 25 through 48.....	Western Gear Corp.
Hulls 49 through 60.....	Peterson Builders, Inc.
Design.....	2303
Freeboard, afloat	
Empty, forward.....	7 feet, 0 in.
Empty, aft.....	5 feet, 9 in.
60 ton load, forward.....	5 feet, 0 in.
60 ton load, aft.....	4 feet, 6 in.
Draft, afloat (to bottom of wheels)	
Empty, forward.....	6 feet, 2 in.
Empty, aft.....	7 feet, 5 in.
60 ton load, forward.....	8 feet, 2 in.
60 ton load, aft.....	8 feet, 8 in.
Operating radius (60 ton load)	
Marine operation.....	75 miles
Land operation.....	150 miles
Wheelbase.....	28 feet, 6 in.
Wheel track.....	23 feet, 6 in.
(each wheel is driven independently)	

(2) Performance.

(a) Land operation.

Maximum forward speed, empty.....	15.2 m.p.h.
Maximum forward speed, 60 ton load.....	14 m.p.h.
Maximum forward speed, 100 ton load.....	12.75 m.p.h.
Maximum reverse speed, 60 ton load.....	5 m.p.h.
Minimum turning radius 75 feet, 0 in.	

(b) Water operation.

Maximum forward speed, empty.....	7.5 m.p.h.
Maximum forward speed, 60 ton load.....	7.0 m.p.h.
Maximum forward speed, 100 ton load.....	6.5 m.p.h.

(3) Capacities.

Fuel oil, main storage tanks (2).....	300 gal. each, 600 gal. total
Lube oil, storage tank (2).....	30 gal. each, 60 gal. total
Hydraulic oil (tank only).....	300 gal., one tank
Air, main and start.....	155 p.s.i.
Water cooling.....	210 gal. total approx.)

(4) Clearance dimensions.

Length, overall.....	62 feet, 6 11/16 in.
Length, waterline (60 ton load).....	57 feet, 7 in.
Width, overall.....	26 feet, 7 in.
Width, waterline.....	25 feet, 9 in.
Height, overall over range lights and empty on hard ground.....	19 feet, 5 in.
Reduced for shipping.....	15 feet, 4 in.
Length over flat of cargo deck (frame 3 to frame 14, plus 1 foot, 3/8 in.).....	37 feet, 5/8 in.
Width inside cargo space (between battens).....	13 feet, 8 in.
Width inside cargo space without battens).....	14 feet
Height inside cargo space	
Forward.....	6 feet, 4 in.
Aft.....	4 feet, 6 1/2 in.
Cube (to deck level).....	Approx. 2,800 cubic feet
Under hull clearance (60 ton load)	
To bottom plating.....	35 in.
To base of wheel column.....	24 1/2 in.

(5) Approximate weights.

Pay load, normal	
Cargo.....	60 short tons
Troops.....	125
Pay load, emergency	
Cargo.....	100 short tons
Troops.....	200
Dry weight.....	194,000 lbs.
Curb weight.....	197,000 lbs.
Anchor	
Hulls 5 through 18.....	Danforth type, 150 lbs.
Hulls 19 through 48.....	Navy lightweight type, 100 lbs.