

**BRIDGE, FLOATING, IRB 80T, 100T RAFTING SET, RIBBON BRIDGE,
CONSTRUCTION OUTFIT RAMP BAY AND INTERIOR BAY DATA
TAMCN: B0155**



TC-339

<i>National Stock Number/ID Number</i>	
5420-01-550-5433	11518A

DESCRIPTION AND FUNCTION

The IRB, B0155, is a floating wet gap bridge system capable of carrying a Military Load Class (MLC) 80/100-Ton vehicle in stream currents of 10 fps (5.9 mph). The IRB consists of 12 interior and 5 ramp bays and is capable of breaking down into two MLC 80/100-Ton vehicle rafting sets. The Rafting Set, B1625, utilized as a ferry, is the preferred method of conducting wet gap crossings. The Rafting Set consists of 5 interior bays and 2 ramp bays.

OPERATING AND SHIPPING DATA FOR RAMP BAY AND INTERIOR BAY

Ramp Bay Operating Mode

Weight:	14,000 lb (6,350 kg)
Width:	28 ft 3 in. (8.6 m)
Length:	22 ft 4 in. (6.8 m)
Height:	4 ft 1 in. (1.2 m)
Cube:	806.6 ft ³ (22.8 m ³)
Square Stowage:	487.58 ft ² (45.30 m ²)

Ramp Bay Shipping Mode

Weight:	14,000 lb (6,350 kg)
Width:	10 ft 5 in. (3.2 m)
Length:	22 ft 4 in. (6.8 m)
Height:	7 ft 7 in. (2.3 m)

Interior Bay Operating Mode

Weight:	14,000 lb (6,350 kg)
Width:	28 ft 2 in. (8.6 m)
Length:	22 ft 7 in. (6.9 m)
Height:	4 ft 5 in. (1.3 m)
Cube:	1412.6 ft ³ (40.00 m ³)
Square Stowage:	640 ft ² (59.46 m ²)

Interior Bay Shipping Mode

Weight:	14,000 lb (6,350 kg)
Width:	10 ft 10 in. (3.3 m)
Length:	22 ft 7 in. (6.9 m)
Height:	7 ft 8 in. (2.3 m)

Manufacturer

General Dynamics
Santa Barbara Systems

Capacity

Fuel Consumption per Hour:	N/A
Lift Capacity:	80-Ton of tracked vehicles or 100-Ton of wheeled vehicles per raft set.

Replaced Item(s)

Standard Ribbon Bridge

Transportability

LVSR MK18, LVSR MK18A1, LVSR

Associated TAMCN(s)

B0114 Bridge Erection Boat Mark III