

NATO UNCLASSIFIED

STANDARDS RELATED DOCUMENT

ATP-08.1

AMPHIBIOUS OPERATIONS INTEROPERABILITY MATRIX

Edition A Version 2

December 2019



NORTH ATLANTIC TREATY ORGANIZATION

ALLIED TACTICAL PUBLICATION

Published by the
NATO STANDARDIZATION OFFICE (NSO)
© NATO/OTAN

NATO UNCLASSIFIED

NATO UNCLASSIFIED

INTENTIONALLY BLANK

NATO UNCLASSIFIED

NATO UNCLASSIFIED


**NORTH ATLANTIC TREATY ORGANIZATION (NATO)
NATO STANDARDIZATION OFFICE (NSO)
NATO LETTER OF PROMULGATION**

18 December 2019

1. The enclosed Standards Related Document, ATP-08.1, Edition A, Version 2, AMPHIBIOUS OPERATIONS INTEROPERABILITY MATRIX, which has been approved in conjunction with ATP-08 by the nations in the MILITARY COMMITTEE MARITIME STANDARDIZATION BOARD (MCMSB), is promulgated herewith.
2. ATP-08.1, Edition A, Version 2 is effective upon receipt and supersedes ATP-08.1, Edition A, Version 1, which shall be destroyed in accordance with the local procedure for the destruction of documents.
3. No part of this publication may be reproduced, stored in a retrieval system, used commercially, adapted, or transmitted in any form or by any means, electronic, mechanical, photo-copying, recording or otherwise, without the prior permission of the publisher. With the exception of commercial sales, this does not apply to member or partner nations, or NATO commands and bodies.
4. This publication shall be handled in accordance with C-M(2002)60.



Dieter Schmaglowski
Deputy Director NSO
Branch Head P&C



Zoltán GULYÁS
Brigadier General, HUNAF
Director, NATO Standardization Office

NATO UNCLASSIFIED

NATO UNCLASSIFIED

INTENTIONALLY BLANK

NATO UNCLASSIFIED

RESERVED FOR NATIONAL LETTER OF PROMULGATIO

INTENTIONALLY BLANK

ATP-8.1 was developed using information and data provided by the contributing nations. The Interoperability Matrix is NOT an official certified and/or by nations approved document, and it should NOT be implied by the user of ATP-8.1 that the interoperability between amphibious ships with surface connectors was determined and certified by official technical assessment of a nation or nations. ATP-8.1 is intended to act as a guideline for possible bilateral or multinational interoperability between amphibious ships and surface connectors of partnering nations.

The ship/connector matrix provides data for the physical-dimensions of amphibious platforms and surface connectors to assist a planning staff to quickly evaluate feasibility of ship and surface connector combinations only. Specific notes are included to amplify issues other than physical dimension data that might be considered when evaluating the feasibility of interoperability.

All cross-nation operations between amphibious ships and surface connectors require specific national approval that may be determined in such planning.

NOTE. THE DATA IN THE MATRIX MERELY INDICATES PHYSICAL COMPATIBILITY AND SHOULD NOT BE CONSTRUED AS AN OFFICIAL CLEARANCE OR AUTHORIZATION TO CONDUCT NATION-TO-NATION SURFACE PLATFORM INTERFACE OPERATIONS.

Limitations and Review Date.

It is a nation's responsibility to provide the custodian accurate and up-to-date data / information for its amphibious ships and surface connector capabilities. Additional data to supplement national information or tables can be entered into the comment box on respective amphibious capability page(s). The date, located on the page and in the nations' rows within the Interoperability matrix, indicates when the data was last reviewed.

Since the aim of this document is to provide a guideline for amphibious ships and surface connector interoperability with the most up-to-date information possible, nations should contact specific partnering nations to verify data in preparation of an exercise or operation. Lessons identified or lessons learned regarding interoperability possibilities or restrictions from exercises or operations should be send by each nation to the custodian to be incorporated into the document.

Ratification/Adoption.

This document is a Standard Related Document (SRD) of STANAG 1149, ATP-08 VOL.I, DOCTRINE FOR AMPHIBIOUS OPERATIONS. Thereby the document will be promulgated under a silence procedure.

INTENTIONALLY BLANK

TABLE OF CONTENTS

Chapter 1	Introduction	1-1
Chapter 2	Australia.....	2-1
Chapter 3	France.....	3-1
Chapter 4	Germany	4-1
Chapter 5	Greece	5-1
Chapter 6	Italy	6-1
Chapter 7	Netherlands.....	7-1
Chapter 8	New Zealand.....	8-1
Chapter 9	Norway.....	9-1
Chapter 10	Poland.....	10-1
Chapter 11	Portugal	11-1
Chapter 12	Spain.....	12-1
Chapter 13	Sweden.....	13-1
Chapter 14	Turkey	14-1
Chapter 15	United Kingdom	15-1
Chapter 16	United States of America	16-1
Chapter 17	Interoperability Matrix.....	17-1

INTENTIONALLY BLANK

CHAPTER 1 INTRODUCTION

0101. The purpose of this NATO standards-related document (SRD) is to outline the capacities and characteristics of amphibious platforms and landing craft (chapter 2 – chapter 16) and the interoperability between the nations (chapter 17).

0102. This publication is intended for the guidance as a reference document for use by NATO / national staffs.

0103. To review their national chapter and to forward revisions to the custodian in accordance with the yearly updated Terms of Reference (TOR) of AMPHIB WG / Required Action List (RAL) of Military Committee Maritime Standardization Board (MCMSB) will be the responsibility of each nation. Further on the nations are responsible to inform the custodian immediately if there will be any change in the which may cause any influence to the planning or enforcement of bi-/ multinational operations.

0104. By both means, the custodian may incorporate these amendments (minor changes) in a new version of the publication, which will be subject to MCMSB approval for promulgation in accordance with AAP-03. This is the way ahead for this publication being an updated, reliable and consequently a living document.

0105. This document remains valid in times of peace, tension or crisis and in times of war. However, nothing in this document should be taking as setting aside any specific bi-/multilateral agreements concluded between nations on particular logistic and administrative matters.

CHAPTER 2 AUSTRALIA

Last review 29-08-2017

CANBERRA CLASS (LHD)



L01 HMAS ADELAIDE (III)
L02 HMAS CAMBERRA (III)

Landing Craft	4 x LLC or 4 x LCM8 (or combination)
Well deck Length (m)	69.7
Width (m)	16.8 (stern) 7.7 lane at centre barrier
Centre barrier y/n width p/sb	Y 7.7 / 7.7
Area (Lims = lanes in meters, width 2.8 m)	Heavy vehicle Deck 1410m ² – 80t/Light Vehicle Deck/Hanger Deck 1,880m ² -16t
Max Overhead Clearance (m) (fully ballasted)	10
Max Depth of Well (m) (fully ballasted)	2.8
Well Deck NVG Capable	Y
Refueling Capable	
Stern ramp Restrictions	

Comment:

BAY CLASS (LSD)



L100 HMAS CHOULES

Landing Craft	LCM8/2 x Mexeflote (Same as GBR)
Well deck Length (m)	31.2 to foot of beach 47 to head of beach
Width (m)	8.4
Centre barrier y/n width p/sb	N
Area (Lims = lanes in meters, width 2.8 m)	900
Max Overhead Clearance (m) (fully ballasted)	7.35
Max Depth of Well (m) (fully ballasted)	3
Well Deck NVG Capable	Y
Refueling Capable	
Stern ramp Restrictions	

Comment:

LANDING CRAFT



LCM-1E (Navy) / LCM-8 (Army)

LCVP

Landing Craft	LCM-1E (Navy)	LCM-8 (Army)	LCVP
Length (m)	23.3	22.45	13.2
Width (m)	5.36	4.57	3.5
Draft (m)	1.8	1.8	
Height above waterline – No load (m)			
Craft Displacement empty (t) *	56.6		7
Deadweight cargo (DWCC, t)			
Craft Displacement total (t)	110	70	
Personnel (temperate)	4	4 (5 Combat)	3
Vehicles	1 MBT (M60A3) or 2med tr.+ tlr		
Planning Speed (knots)	12	10	15
Max Speed (knots)	16	12	22
Endurance (hours)	16		
Range (nm)	160	510	
Davit Capable	N	N	N
Capable of stern transfer	Y (only in dry dock)	N	
Roll-On/Roll Off	Y (only in dry dock)	N	
Sea State (WMO/Douglas sea scale)	4	4	
Wind Speed (knots)			
Beach Gradient (e.g:1:120)	1:60	1:50	

*incl. lightship, fuel and craft stores

<p>Comment: LLC (Navy) > Derivative of Spanish LCM-1E > Crane capable – Y LCM-8 (Army) > Crane capable – Y</p>
--

CHAPTER 3 FRANCE

Last review 13-06-2019

MISTRAL CLASS (LHD)

L9013 Mistral
 L9014 Tonnerre
 L9015 Dixmude

Landing Craft	4x CMT / 2x LCAT
Well deck Length (m)	60
Width (m)	14.3
Centre barrier y/n width p/sb	N
Area (Lims = lanes in meters, width 2.8 m)	910 m ²
Max Overhead Clearance (m) (fully ballasted)	5.20
Max Depth of Well (m) (fully ballasted)	2.6
Well Deck NVG Capable	Yes
Refueling Capable	Yes
Stern ramp Restrictions	60 Tons

Comment: None

LANDING CRAFT (CTM AND LCAT)



CTM

LCAT

Landing Craft	CTM	LCAT
Length (m)	23.8	30
Width (m)	6.35	12.4
Draft (m) - empty/full	1.23/1.60	Landing mode: 0.9/1.10 Catamaran mode: 1.66/2.35
Height above waterline – No load (m)	4.45	5.40
Craft Displacement empty (t) *	60	185
Deadweight cargo (DWCC, t)	90	80-100
Craft Displacement total (t)	149 (fully loaded)	285
Personnel (temperate)	80	100
Vehicles	20 ml	6
Planning Speed (knots)	8	18-10
Max Speed (knots)	9	30
Endurance (hours)	460Nq - 0,8 PMP	20
Range (nm)	300	400
Davit Capable	N	N
Capable of stern transfer	Y	Y
Roll-On/Roll Off	N	Y
Sea State (WMO/Douglas sea scale)	4	Nav 5, docking 3
Wind Speed (knots)	Front 25-lateral 15	Front 25-lateral 15
Beach Gradient (e.g:1:120)	3%	>2.5%

*incl. lightship, fuel and craft stores

Comment:

Note that for the FRENCH beach recce unit, during peace time operations, it is mandatory to dive and conduct a beach recce report. Using a dip-stick method is not sufficient. In addition, after a French beach recce unit has closed a beach, they need to dive again to reopen the (same) beach.

CHAPTER 4 GERMANY

Last review 05-11-2019

LANDING CRAFT



LCU type 520

Landing Craft	LCU type 520
Length (m)	40.04
Width (m)	8.8
Draft (m)	2.3
Height above waterline – No load (m)	11.9
Craft Displacement empty (t) *	219
Deadweight cargo (DWCC, t)	143
Craft Displacement total (t)	430
Personnel (temperate)	17
Vehicles	Up to 3 main battle tanks
Planning Speed (knots)	9
Max Speed (knots)	10
Endurance (hours)	240
Range (nm)	1600/10kn
Davit Capable	N
Capable of stern transfer	Y
Roll-On/Roll Off	Y
Sea State (WMO/Douglas sea scale)	5
Wind Speed (knots)	5-6
Beach Gradient (e.g:1:120)	N.A.

*incl. lightship, fuel and craft stores

Comment:

CHAPTER 5 GREECE

Last review 14-03-2017

JASON CLASS (LST)



- L173 HS CHIOS
- L174 HS SAMOS
- L175 HS IKARIA
- L176 HS LESVOS
- L177 HS RODOS

Landing Craft	4 LCVP
Well deck Length (m)	N.A.
Width (m)	N.A.
Centre barrier y/n width p/sb	N.A.
Area (Lims = lanes in meters, width 2.8 m)	N.A.
Max Overhead Clearance (m) (fully ballasted)	N.A.
Max Depth of Well (m) (fully ballasted)	N.A.
Well Deck NVG Capable	N.A.
Refueling Capable	
Stern ramp Restrictions	

Comment:

Landing Craft



LCAC ZUBR (POMORNIK)CLASS



LCVP 36F MKII

L180 HS KEFALLINIA
 L181 HS ITHAKI
 L182 HS KERKYRA

Landing Craft	LCAC ZUBR	LCVP 36F
Length (m)	57.3	10.6
Width (m)	25.6	3.2
Draft (m)	-	
Height above waterline – No load (m)	18.5	1.5
Craft Displacement empty (t) *	366.4	7
Deadweight cargo (DWCC, t)	2.6	N.A.
Craft Displacement total (t)		
Personnel (temperate)	140	22
Vehicles	3MBT or 10 APC or 8 IFV	N
Planning Speed (knots)	40	12
Max Speed (knots)	60	18
Endurance (hours)	N.A.	N.A.
Range (nm)	1000@55kts and max fuel load	N.A.
Davit Capable	N	Y
Capable of stern transfer	N	N
Roll-On/Roll Off	Y	N
Sea State (WMO/Douglas sea scale)	< 5	< 4
Wind Speed (knots)	< 24	< 20
Beach Gradient (e.g:1:120)	< 5 degrees	N.A.

*incl. lightship, fuel and craft stores

Comment

CHAPTER 6 ITALY

Last review 20-10-2017

SAN GIORGIO CLASS (LPD)



L9892 SAN GIORGIO

L9893 SAN MARCO

Landing Craft	3 LCM – 6 / 3 LCVP / 1 LCPL
Well deck Length (m)	20,5
Width (m)	7,5
Centre barrier y/n width p/sb	
Area (Lims = lanes in meters, width 2.8 m)	
Max Overhead Clearance (m) (fully ballasted)	6,5
Max Depth of Well (m) (fully ballasted)	2
Well Deck NVG Capable	N
Refueling Capable	
Stern ramp Restrictions	

Comment:

SAN GIUSTO CLASS (LPD)

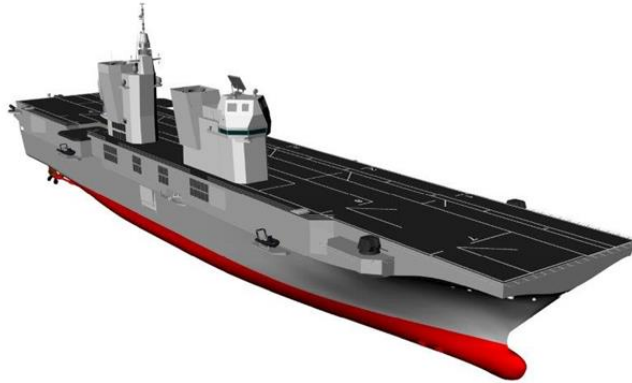


L9894 SAN GIUSTO

Landing Craft	3 LCM – 6 / 3 LCVP / 1 LCPL
Well deck Length (m)	20,5
Width (m)	7,5
Centre barrier y/n width p/sb	
Area (Lims = lanes in meters, width 2.8 m)	
Max Overhead Clearance (m) (fully ballasted)	6,5
Max Depth of Well (m) (fully ballasted)	2
Well Deck NVG Capable	N
Refueling Capable	
Stern ramp Restrictions	

Comment:

LHD (expected delivery 2022)



Landing Craft	4 LCM 1E
Well deck Length (m)	50
Width (m)	15
Centre barrier y/n width p/sb	
Area (sq m)	750
Max Overhead Clearance (m) (fully ballasted)	6,8
Max Depth of Well (m) (fully ballasted)	2,2
Well Deck NVG Capable	Y
Refueling Capable	
Stern ramp Restrictions	

Comment:
expected delivery 2022

LANDING CRAFT (LCM-6 AND LCVP)



LCM-6



LCVP 96 MDN

Landing Craft	LCM-6	LCVP 96 MDN
Length (m)	19,58	13,5
Width (m)	5,1	3,5
Draft (m)	1,1	0,52
Height above waterline – No load (m)	2,5	2,1
Craft Displacement empty (t) *	46,076	11,5
Deadweight cargo (DWCC, t)	30	4,5
Craft Displacement total (t)	76,076	15,5
Personnel (temperate)	120 (fully equipped)	30 (fully equipped)
Vehicles	2 apc's or 2 veh. or 1 heavy vehicle	N
Planning Speed (knots)	8	18
Max Speed (knots)	12	24
Endurance (hours)	N.A	N.A
Range (nm)	220 (190 @ 9 kts)	120
Davit Capable	Y	Y
Capable of stern transfer	N	N
Roll-On/Roll Off	Y	N
Sea State (WMO/Douglas sea scale)	3	2
Wind Speed (knots)	N.A.	N.A.
Beach Gradient (e.g:1:120)	N.A.	N.A.

*incl. lightship, fuel and craft stores

Comment:

LANDING CRAFT



RRC (BAA)



RRC (DEN)



AAV-7

Landing Craft	RRC (BAA)	RRC (DEN)	AAV-7
Length (m)	8,20	9,20	8,2
Width (m)	2,5	3,10	3,3
Draft (m)	0,52	0,56	
Height above waterline – No load (m)	N.D.	N.A.	
Craft Displacement empty (t) *	3	4,4	22
Deadweight cargo (DWCC, t)	1,6	1,8	N.A.
Craft Displacement total (t)	4,6	6,2	
Personnel (temperate)	10 + 2 crew	10+2 crew	18+2 crew
Vehicles	N	N	NA
Planning Speed (knots)	30	28	5
Max Speed (knots)	40	37	8
Endurance (hours)	N.A.	N.D.	7
Range (nm)	120	250	2
Davit Capable	Y	Y	N
Capable of stern transfer	N	N	N
Roll-On/Roll Off	N	N	N
Sea State (Douglas sea scale)	4	4	4
Wind Speed (knots)	N.A.	N.A.	21 knots
Beach Gradient (e.g:1:120)	N.A.	N.A.	

*incl. lightship, fuel and craft stores

Comment:

CHAPTER 7 NETHERLANDS

Last review 05-11-2019

Rotterdam CLASS (LPD)**L800 ZRMS ROTTERDAM**

Landing Craft	2x LCU + 3 x LCVP
Well deck Length (m)	51
Width (m)	14.5
Centre barrier y/n width p/sb	Y 7,02 (p/sb)
Area (Lims = lanes in meters, width 2.8 m)	535
Max Overhead Clearance (m) (fully ballasted)	7.5
Max Depth of Well (m) (fully ballasted)	2.5
Well Deck NVG Capable	Y
Refueling Capable	Y
Stern ramp Restrictions	

Comment:

JOHAN DE WITT CLAS (LPD)



L801 ZRMS JOHAN DE WITT

Landing Craft	2x LCU or 5 LCVP (Dock) + 4x LCVP/Frisc (Davids)
Well deck Length (m)	37
Width (m)	15.5
Centre barrier y/n width p/sb	Y Ps: 7,3m / Sb: 8,0m
Area (Lims = lanes in meters, width 2.8 m)	1095
Max Overhead Clearance (m) (fully ballasted)	7.5
Max Depth of Well (m) (fully ballasted)	2.5
Well Deck NVG Capable	Y
Refueling Capable	Y
Stern ramp Restrictions	

Comment:

KAREL DOORMAN (JSS)



A833 ZRMS KAREL DOORMAN

Landing Craft	2x LCVP/FRISC (Davits)
Well deck Length (m)	Stern ramp/Slipway
Width (m)	N
Centre barrier y/n width p/sb	N
Area (Lims = lanes in meters, width 2.8 m)	1913
Max Overhead Clearance (m) (fully ballasted)	N
Max Depth of Well (m) (fully ballasted)	N
Well Deck NVG Capable	N
Refueling Capable	Y
Stern ramp Restrictions	

Comment:

LANDING CRAFT (LCU MK 2 and LCvp MK 5 C/D)



LCU MK 2



LCVP MK 5

Landing Craft	LCU MK 2	LCVP MK 5
Length (m)	35.8	15.7
Width (m)	6.7	4.27
Draft (m)	1.5	0.66
Height above waterline – No load (m)	6.6 (without searchlight 6.0)	3.55
Craft Displacement empty (t) *	210	16
Deadweight cargo (DWCC, t)	65	8.2
Craft Displacement total (t)	275	24.2
Personnel (temperate)	160 (incl crew)	34
Vehicles	BARV +2 BV 206	BV 206/2x LARO
Planning Speed (knots)	8.5	25
Max Speed (knots)	9	30
Endurance (hours)	34	8
Range (nm)	300-350	200
Davit Capable	N	Y
Capable of stern transfer	Y	N
Roll-On/Roll Off	Y	N
Sea State (WMO/Douglas sea scale)	4	4
Wind Speed (knots/bft)	< 30 kts/ 6 bft	< 30 kts/ 6 bft
Beach Gradient (e.g:1:120)	1:120	1:120

*incl. lightship, fuel and craft stores

Comment:

LANDING CRAFT (FRISC)



FRISC-RC



FRISC-BC

Landing Craft	Raiding Craft	Boarding Craft
Length (m)	12	12
Width (m)	3,3	3,3
Draft (m)	0,65	1,15
Height above waterline – No load (m)	2,8	2,8
Craft Displacement empty (t) *	7,27	7,2
Deadweight cargo (DWCC, t)	0,6	0.45
Craft Displacement total (t)		
Personnel (temperate)	8	6
Vehicles	-	-
Planning Speed (knots)	25	25
Max Speed (knots)	40	40
Endurance (hours)	7 @ 30 Kn	6 @ 40kn
Range (nm)	200	240
Davit Capable	Y	Y
Capable of stern transfer	N.A.	N.A.
Roll-On/Roll Off	N	N
Sea State (WMO/Douglas sea scale)	4	4
Wind Speed (knots/bft)	< 30 kts/ 6 bft	< 30 kts/ 6 bft
Beach Gradient (e.g:1:120)	N.A.	N.A.

*incl. lightship, fuel and craft stores

Comment:

CHAPTER 8 NEW ZEALAND

Last review 02-07-2017

CANTERBURY CLASS



L421 HMNZS CANTERBURY

Landing Craft	2 x LCM-8
Well deck Length (m)	N
Width (m)	N
Centre barrier y/n width p/sb	N
Area (Lims = lanes in meters, width 2.8 m)	402 *
Max Overhead Clearance (m) (fully ballasted)	4.9
Max Depth of Well (m) (fully ballasted)	N
Well Deck NVG Capable	N
Refueling Capable	
Stern ramp Restrictions	

Comment:
*height restrictions apply

LANDING CRAFT



LCM-8

Landing Craft	LCM-8
Length (m)	23
Width (m)	6.4
Draft (m)	1.2
Height above waterline – No load (m)	5.90 approx.
Craft Displacement empty (t) *	58.9
Deadweight cargo (DWCC, t)	40
Craft Displacement total (t)	98.9
Personnel (temperate)	50 pers with FSMO
Vehicles	40 (tonnes)
Planning Speed (knots)	10
Max Speed (knots)	10.2
Endurance (hours)	27.5 @ 9kts
Range (nm)	250nm @ 9kts
Davit Capable	Y
Capable of stern transfer	Y
Roll-On/Roll Off	Y
Sea State (WMO/Douglas sea scale)	3 (max with cargo)
Wind Speed (knots)	25 (max launch/recovery)
Beach Gradient (e.g:1:120)	1:13

*incl. lightship, fuel and craft stores

Comment:

CHAPTER 9 NORWAY

Last review unknown

LANDING CRAFT CB90



CB-90N

Landing Craft	CB-90N
Length (m)	16.1
Width (m)	3.8
Draft (m)	0.8
Height above waterline – No load (m)	5.2
Craft Displacement empty (t) *)	17.5
Deadweight cargo (DWCC, t)	4.5
Craft Displacement total (t)	21
Personnel (temperate)	12
Vehicles	N
Planning Speed (knots)	
Max Speed (knots)	40
Endurance (hours)	
Range (nm)	300
Davit Capable	In study
Capable of stern transfer	N
Roll-On/Roll Off	N
Sea State (WMO/Douglas sea scale)	3-4
Wind Speed (knots)	
Beach Gradient (e.g:1:120)	

*incl. lightship, fuel and craft stores

Comment:

CHAPTER 10 POLAND

Last review 19-11-2019

LUBLIN CLASS (LST)

821 LUBLIN
 822 GNIEZNO
 823 KRAKOW
 824 POZNAN
 825 TORUN

Landing Craft	Non
Length	95.4
Width (m)	10.8
Centre barrier y/n width p/sb	N.A.
Area (Lims = lanes in meters, width 2.8 m)	92.0
Max Overhead Clearance (m) (fully ballasted)	2.4
Max Depth of Well (m) (fully ballasted)	1.4
Well Deck NVG Capable	N.A.
Refueling Capable	YES
Stern ramp Restrictions	N.A.

Comment:

The LST's ramp will only support 15 tons when at sea (and ramp is not bottomed) which means it cannot embark for instance AAV's at sea or on the beach in that particular circumstances, but only when pier side with a supported ramp (then max weight is 45 tons).

LANDING CRAFT



DEBA LCU

PTS

Landing Craft	DEBA LCU TYPE	PTS
Length (m)	37.2	11.5
Width (m)	7.1	3.3
Draft (m)	1.7	1.7
Height above waterline – No load (m)	13.2	1.5
Craft Displacement empty (t) *)	166	20
Deadweight cargo (DWCC, t)	20	5
Craft Displacement total (t)	N.A.	N.A.
Personnel (temperate)	50+15 crew	15+2 crew
Vehicles	1 tank or 2x 20 ton	N
Planning Speed (knots)	16	5
Max Speed (knots)	20	10.6
Endurance (hours)	72hr	10hr
Range (nm)	430Nm	50Nm
Davit Capable	N	N
Capable of stern transfer	N	N
Roll-On/Roll Off	N	N
Sea State (WMO/Douglas sea scale)	3	1
Wind Speed (knots)	4	3
Beach Gradient (e.g:1:120)	1.67 deg	30 deg

*)incl. lightship, fuel and craft stores

Comment:



AMV VOLWERINE

Landing Craft	KTO ROSOMAK / AMV VOLWERINE
Length (m)	7,9
Width (m)	2,8
Draft (m)	1,6
Height above waterline – No load (m)	1,6
Craft Displacement empty (t) *)	22
Deadweight cargo (DWCC, t)	N.A.
Craft Displacement total (t)	N.A.
Personnel (temperate)	8+3 crew
Vehicles	N
Planning Speed (knots)	5
Max Speed (knots)	6
Endurance (hours)	15hr
Range (nm)	35Nm
Davit Capable	N
Capable of stern transfer	N
Roll-On/Roll Off	N
Sea State (WMO/Douglas sea scale)	2
Wind Speed (knots)	10 knots
Beach Gradient (e.g:1:120)	24,4 deg

*)incl. lightship, fuel and craft stores

Comment:

CHAPTER 11 PORTUGAL

Last review unknown

LANDING CRAFT



LDG

Landing Craft	LDG
Length (m)	56.2
Width (m)	11.8
Draft (m)	1.9
Height above waterline – No load (m)	
Craft Displacement empty (t) *)	654
Deadweight cargo (DWCC, t)	350
Craft Displacement total (t)	
Personnel (temperate)	400
Vehicles	2 MBT OR 5 LARC
Planning Speed (knots)	9.5
Max Speed (knots)	10.5
Endurance (hours)	
Range (nm)	2600 NM at 10.5 kn
Davit Capable	N
Capable of stern transfer	N
Roll-On/Roll Off	Y
Sea State (WMO/Douglas sea scale)	
Wind Speed (knots)	
Beach Gradient (e.g:1:120)	

*incl. lightship, fuel and craft stores

Comment:

CHAPTER 12 SPAIN

Last review 29-05-2017

GALICIA CLASS (LPD)



L51 GALICIA
L52 CASTILLA

Landing Craft	4 LCM-1E
Well deck Length (m)	65
Width (m)	14.5
Centre barrier y/n width p/sb	Y 7.0 (p/sb)
Area (Lims = lanes in meters, width 2.8 m)	972.4 m ²
Max Overhead Clearance (m) (fully ballasted)	7.4
Max Depth of Well (m) (fully ballasted)	2.8
Well Deck NVG Capable	Y
Refueling Capable	
Stern ramp Restrictions	

Comment:

JUAN CARLOS class (LHD)



L61 JUAN CARLOS I

Landing Craft	4 LCM-1E
Well deck Length (m)	69,3
Width (m)	16,64
Centre barrier y/n (width p/sb)	Y 7.0 (p/sb)
Area (Lims = lanes in meters, width 2.8 m)	975 m ²
Max Overhead Clearance (m) (fully ballasted)	7,2
Max Depth of Well (m) (fully ballasted)	3,0
Well Deck NVG Capable	Y
Refueling Capable	
Stern ramp Restrictions	

Comment:

Landing craft



LCM-1E



AAV-7

Landing Craft	LCM-1E	AAV-7
Length (m)	23,3	8,2
Width (m)	6.4	3,3
Draft (m)	0,9/1,4	1.8
Height above waterline – No load (m)	< 4	3.2
Craft Displacement empty (t) *)	55,2	22
Deadweight cargo (DWCC, t)	70	N.A.
Craft Displacement total (t)		
Personnel (temperate)	170 incl. equipment	18+3 crew
Vehicles	1 MBT (M60A3) or 2 med trucks + tlr	NA
Planning Speed (knots)	10	5
Max Speed (knots)	>20	8
Endurance (hours)	16	7
Range (nm)	190@12 knots	2
Davit Capable	NA	N
Capable of stern transfer	Y	N
Roll-On/Roll Off	Y	N
Sea State (WMO/Douglas sea scale)	4	4
Wind Speed (knots)	35 knots	21 knots
Beach Gradient (e.g:1:120)	Between 1:60 and 1:120	

*incl. lightship, fuel and craft stores

Comment:

CHAPTER 13 SWEDEN

last review 08-05-2018

LANDING CRAFT



CB-90



LCAC

Landing Craft	CB-90	LCAC GRIFFON 8100TD
Length (m)	16.1	23
Width (m)	3.8	11
Draft (m)		
Height above waterline – No load (m)		
Craft Displacement empty (t) *)	17.5-21	23
Deadweight cargo (DWCC, t)	4.5	11 (container 20ft)
Craft Displacement total (t)		
Personnel (temperate)	12	50
Vehicles		1 ATV VIKING
Planning Speed (knots)		35-40
Max Speed (knots)	40	Up to 50
Endurance (hours)		
Range (nm)	300	
Davit Capable	In study	N
Capable of stern transfer	N	
Roll-On/Roll Off	N	Y
Sea State (WMO/Douglas sea scale)	3-4	
Wind Speed (knots)		
Beach Gradient (e.g:1:120)		

*incl. lightship, fuel and craft stores

Comment:

LANDING CRAFT



LTRB

Landing Craft	LTRB Main data series S
Length (m)	24,6
Width (m)	5,4
Draft (m)	1,1
Height above waterline – No load (m)	Top of mast 10,0 lowered mast 6,3
Craft Displacement empty (t) *)	43,6
Deadweight cargo (DWCC, t)	20,5 (max load on deck 10,5)
Craft Displacement total (t)	64,1 (with max load 20,5)
Personnel (temperate)	3 crew (11 passengers)
Vehicles	1 BV or HUMVEE/Land Rover etc, 4 or more ATV
Planning Speed (knots)	20-25
Max Speed (knots)	Above 25 (25-28 with a light ship)
Endurance (hours)	18 (Due to regulations regarding “work hours” for the crew, can be expanded when adding a second crew)
Range (nm)	Approx 250NM (The craft has the ability to connect all three fuel tanks and therefor can go much further but will use fuel that might be for CB90 or other crafts)
Davit Capable	No
Capable of stern transfer	No
Roll-On/Roll Off	Yes
Sea State (WMO/Douglas sea scale)	5
Wind Speed (knots)	No information
Beach Gradient (e.g:1:120)	N.A.

*incl. lightship, fuel and craft stores

Comment:

The LTRB can carry up to approx 15000L of fuel with the ability to refuel up to 4 other crafts at the same time either stationary (4) or under way (2) in speeds up to 15 knots.

CHAPTER 14 TURKEY

LAST REVIEW 02-05-2019

LHD CLASS



L400 TCG ANADOLU

Landing Craft	4x LCM
Well deck Length (m)	69,3
Width (m)	16,64
Centre barrier y/n width p/sb	N.A.
Area (Lims = lanes in meters, width 2.8 m)	975m2
Max Overhead Clearance (m) (fully ballasted)	N.A.
Max Depth of Well (m) (fully ballasted)	N.A.
Well Deck NVG Capable	N.A.
Refueling Capable	N.A.
Stern ramp Restrictions	N.A.

Comment: expected to be launched in 2019
--

Bayraktar class LST



L402 TCG BAYRAKTAR
L403 TCG SANCAKTAR

Landing Craft	4x LCVP
Well deck Length (m)	No Welldeck
Width (m)	N.A.
Centre barrier y/n width p/sb	N.A.
Area (Lims = lanes in meters, width 2.8 m)	N.A.
Max Overhead Clearance (m) (fully ballasted)	N.A.
Max Depth of Well (m) (fully ballasted)	N.A.
Well Deck NVG Capable	N.A.
Refueling Capable	N.A.
Stern ramp Restrictions	N.A.

*incl. lightship, fuel and craft stores

Comment:

LANDING CRAFT



LCVP

Landing Craft	140 class	LCVP
Length (m)	34,14	11
Width (m)	7,95	2,5
Draft (m)		
Height above waterline – No load (m)		
Craft Displacement empty (t) *)		
Deadweight cargo (DWCC, t)		
Craft Displacement total (t)		
Personnel (temperate)		
Vehicles	3x MBT	
Planning Speed (knots)		
Max Speed (knots)	10	37
Endurance (hours)		
Range (nm)		
Davit Capable	N	
Capable of stern transfer	N	
Roll-On/Roll Off	N	
Sea State (WMO/Douglas sea scale)		
Wind Speed (knots)		
Beach Gradient (e.g:1:120)		

*incl. lightship, fuel and craft stores

Comment:

LANDING CRAFT



151 CLASS

Landing Craft	151 class
Length (m)	49,3
Width (m)	9,5
Draft (m)	
Height above waterline – No load (m)	
Craft Displacement empty (t) *)	
Deadweight cargo (DWCC, t)	
Craft Displacement total (t)	
Personnel (temperate)	
Vehicles	5x MBT
Planning Speed (knots)	
Max Speed (knots)	17
Endurance (hours)	
Range (nm)	
Davit Capable	N
Capable of stern transfer	N
Roll-On/Roll Off	N
Sea State (WMO/Douglas sea scale)	3-4
Wind Speed (knots)	
Beach Gradient (e.g:1:120)	

Comment:

CHAPTER 15 UNITED KINGDOM

LAST REVIEW 25-11-2016

ALBION CLASS (LPD)



L14 HMS ALBION
L15 HMS BULWARK

Landing Craft	4x LCU + 4x LCVP
Well deck Length (m)	65
Width (m)	16.7
Centre barrier y/n width p/sb	Y (2x8.1)
Area (Lims = lanes in meters, width 2.8 m)	500
Max Overhead Clearance (m) (fully ballasted)	7.3
Max Depth of Well (m) (fully ballasted)	3
Well Deck NVG Capable	Y
Refueling Capable	
Stern ramp Restrictions	

Comment:

BAY CLASS (LSD)



L3007 RFA LYME BAY
 L3008 RFA MOUNTS BAY
 L3009 RFA CARDIGAN BAY

Landing Craft	1 LCU MK-10+2x mexiflote+1LCVP Mk 5 or 1xLCAC(L) on upper deck
Well deck Length (m)	31.2 to foot of beach 47 to head of beach
Width (m)	8.4
Centre barrier y/n width p/sb	N
Area (Lims = lanes in meters, width 2.8 m)	900
Max Overhead Clearance (m) (fully ballasted)	7.35
Max Depth of Well (m) (fully ballasted)	3
Well Deck NVG Capable	Y
Refueling Capable	
Stern ramp Restrictions	

Comment:

LANDING CRAFT (LCU MK 10 AND LCAC-L)



LCU MK 10



LCAC-L

Landing Craft	LCU MK 10	LCAC-L
Length (m)	30.25	13.4
Width (m)	7.7	6.8
Draft (m)	1.17-1.43	-
Height above waterline – No load (m)	9.8/5.5	4.4
Craft Displacement empty (t) *)	168	-
Deadweight cargo (DWCC, t)	72	2
Craft Displacement total (t)	240	
Personnel (temperate)	120	16
Vehicles	1 MBT	-
Planning Speed (knots)	8	25
Max Speed (knots)	8	40 (no wind)
Endurance (hours)	N.A.	8
Range (nm)	600	8hr @ 40 knots
Davit Capable	N	N
Capable of stern transfer	Y	Y
Roll-On/Roll Off	Y	N
Sea State (WMO/Douglas sea scale)	4	3
Wind Speed (knots)	N.A.	20 gust 25
Beach Gradient (e.g:1:120)	1:120	-

*incl. lightship, fuel and craft stores

Comment:

LANDING CRAFT (LCVP MK 5)



LCVP MK V

Landing Craft	LCVP MK 5
Length (m)	15.66
Width (m)	4.27
Draft (m)	0.66
Height above waterline – No load (m)	5.6/3.4
Craft Displacement empty (t) *	18.5
Deadweight cargo (DWCC, t)	8.2
Craft Displacement total (t)	
Personnel (temperate)	35
Vehicles	1 BV 206 D
Planning Speed (knots)	12
Max Speed (knots)	20
Endurance (hours)	210 NM @ 15
Range (nm)	210
Davit Capable	Y
Capable of stern transfer	Y
Roll-On/Roll Off	N
Sea State (WMO/Douglas sea scale)	4
Wind Speed (knots)	N.A.
Beach Gradient (e.g:1:120)	1:120

*incl. lightship, fuel and craft store

Comment:

CHAPTER 16 UNITED STATES OF AMERICA

Last review 22-11-2018

WASP CLASS (LHD)



LHD-1 USS Wasp
 LHD-2 USS Essex
 LHD-3 USS Kearsarge
 LHD-4 USS Boxer

LHD-5 USS Bataan
 LHD-6 USS Bon Homme Richard
 LHD-7 USS Iwo Jima
 LHD-8 USS Makin Island

Landing Craft	3 LCAC or 2x LCU
Well deck Length (m)	81
Width (m)	15
Centre barrier y/n width p/sb	N.A.
Area (Lims = lanes in meters, width 2.8 m)	N.A.
Max Overhead Clearance (m) (fully ballasted)	10.03
Max Depth of Well (m) (fully ballasted)	3.05
Well Deck NVG Capable	Y
Refueling Capable	
Stern ramp Restrictions	

Comment:

AMERICA CLASS (LHA)



LHA-6 USS America
 LHA-7 USS Tripoli
 LHA-8 USS Bougainville

Landing Craft	
Well deck Length (m)	
Width (m)	
Centre barrier y/n width p/sb	
Area (Lims = lanes in meters, width 2.8 m)	
Max Overhead Clearance (m) (fully ballasted)	
Max Depth of Well (m) (fully ballasted)	
Well Deck NVG Capable	
Refueling Capable	
Stern ramp Restrictions	

Comment:
 LHA-6-USS America (No Well Deck)
 LHA-7-USS Tripoli (2018/No Well Deck)
 LHA-8-USS Bougainville (2024/Well Deck)

SAN ANTONIO CLASS (LPD)



LPD-17 USS San Antonio
 LPD-18 USS New Orleans
 LPD-19 USS Mesa Verde
 LPD-20 USS Green Bay
 LPD-21 USS New York
 LPD-22 USS San Diego

LPD-23 USS Anchorage
 LPD-24 USS Arlington
 LPD-25 USS Somerset
 LPD-26 USS John P. Murtha
 LPD-27 USS Portland

Landing Craft	2 LCAC or 1x LCU incl AAV
Well deck Length (m)	57.5
Width (m)	15.2
Centre barrier y/n width p/sb	N.A.
Area (Lims = lanes in meters, width 2.8 m)	N.A.
Max Overhead Clearance (m) (fully ballasted)	9.45
Max Depth of Well (m) (fully ballasted)	2.75
Well Deck NVG Capable	Y
Refueling Capable	Y F76 and F44.
Stern ramp Restrictions	N

Comment:

WHIDBEY ISLAND CLASS (LSD)



- LSD-41 USS Whidbey Island
- LSD-42 USS Germantown
- LSD-43 USS Fort McHenry
- LSD-44 USS Gunston Hall
- LSD-45 USS Comstock
- LSD-46 USS Tortuga
- LSD-47 USS Rushmore
- LSD-48 USS Ashland

Landing Craft	4 LCAC or 2 LCU 64 AAV
Well deck Length (m)	134
Width (m)	15.24
Centre barrier y/n width p/sb	N.A.
Area (Lims = lanes in meters, width 2.8 m)	N.A.
Max Overhead Clearance (m) (fully ballasted)	9.17
Max Depth of Well (m) (fully ballasted)	3.05
Well Deck NVG Capable	Y
Refueling Capable	Y F76 and F44 with a D-1 connection.
Stern ramp Restrictions	N

Comment:

HARPERS FERRY CLASS (LSD)



- LSD-49 USS Harpers ferry
- LSD-50 USS Carter Hall
- LSD-51 USS Oak hill
- LSD-52 USS Pearl Harbour

Landing Craft	2 LCAC or 1 LCU or 25 AAV
Well deck Length (m)	54.8
Width (m)	15.24
Centre barrier y/n width p/sb	N.A.
Area (Lims = lanes in meters, width 2.8 m)	N.A.
Max Overhead Clearance (m) (fully ballasted)	8.26
Max Depth of Well (m) (fully ballasted)	3.05
Well Deck NVG Capable	Y
Refueling Capable	Y F76 and F44 with a D-1 connection.
Stern ramp Restrictions	N

Comment:

LANDING CRAFT



LCAC



LCU 1610

Landing Craft	LCAC	LCU 1610
Length (m)	28.0	41.1
Width (m)	14.75	8.9
Draft (m)		
Height above waterline – No load (m)	10.5 (on cushion)	9.42
Craft Displacement empty (t) *)	–	392.2
Deadweight cargo (DWCC, t)	76.2	127.0
Craft Displacement total (t)		
Personnel (temperate)	24 combat troops/Transport Module (PTM) can hold 185 combat troops or 108 litters	400
Vehicles	1 M1A1	1 M1A1 or 6 LAVs
Planning Speed (knots)	35	8
Max Speed (knots)	40+	11
Endurance (hours)	–	10 days
Range (nm)	200 nm at 40 knots	1200 nm at 8 knots
Davit Capable	N	N
Capable of stern transfer	N	Y
Roll-On/Roll Off	Y	Y
Sea State (WMO/Douglas sea scale)	4	3
Wind Speed (knots)		
Beach Gradient (e.g:1:120)	6 deg	1.43 deg

*incl. lightship, fuel and craft stores

Comment:

LANDING CRAFT



AAV

Landing Craft	AAV
Length (m)	8.16m
Width (m)	3.35m
Draft (m)	1.83*
Height above waterline – No load (m)	**0.65m bow/0.29m stern
Craft Displacement empty (t) *)	24.03t
Deadweight cargo (DWCC, t)	5t
Craft Displacement total (t)	31.54t ^
Personnel (temperate)	21 combat equipped troops + 3 crew
Vehicles	NA
Planning Speed (knots)	5
Max Speed (knots)	7.13
Endurance (hours)	7hrs
Range (nm)	***
Davit Capable	N
Capable of stern transfer	N
Roll-On/Roll Off	Y***
Sea State (WMO/Douglas sea scale)	3; survive up to 5
Wind Speed (knots)	N.A
Beach Gradient (e.g:1:120)	

*incl. lightship, fuel and craft stores

Remarks:

*Average draft, unloaded; draft will depend on load.

**Cargo loaded: 62,504lbs

48,060lbs (EAAK armor, less crew, fuel, equipment, & ammo)

^ heaviest configuration 62,904lbs (combat equipped with Mk1 MOD 0 Mine Clearance System)

***7 hrs fuel in water, depends on sea conditions

****Ramp dependent

CHAPTER 17 INTEROPERABILITY MATRIX

	Proved. Well deck capacities to operate with landing craft	NA	Data not available
	Assumed Wel-deck capacities based on well deck and landingcraft dimensions.	4	Well Deck craft capacity.
	Assumed Stem-ramp marriages.	*	In Davids
	No inter-operability.		

V. 0.11	AUS	GER	ESP	FRA	UK	GRC	ITA	NLD	NOR	NZL	POL	PRT	SWE	TUR	USA
Last review	Aug-17	Nov-19	May-17	Jun-19	Nov-16	Jul-17	Oct-17	Nov-19	-	Jul-17	Oct-19	-	May-18	May-19	Nov-18
Platform/Country	LCM-8 LLC / LCM-1E LCVP	Type 520 AAV-7 LCM-1(E) CTM L-CAT			LCU Mk 10 LCVP MK 5B LCACL 2000	LCAC ZUBR CLASS LCVP 36F Mk II LCM-8 (GIS)	AAV-7 A1 LCVP 96 (MDN) RHB BAA	LCU MK 2 LCVP Mk 5 C/D FRISC	CB-90		LCM-8 Deba LCU AMW VOLWERINE PTS Series	LDG Bombarda Class	CB-90 (LCP) LCAC GRIFFON 8100 TD LTRB LCVP	140 CLASS 151 CLASS	LCU 1600 LCAC AAV-7
AUSTRALIA															
Canberra Class LHD	4 4	NA													1
HMAS Choules LSD	1 1	NA	1 2		1 2			1 2		1					
FRANCE															
Mistral Class LHD	NA NA NA	NA	2 6 4 2	2 6 8										NA NA	
UNITED KINGDOM															
Bay Class LSD	1 1		1 2 1		1 2			1 2		1				NA NA	
Albion Class LPD	NA NA NA		4 4		4 4			2 4	NA				NA NA	NA NA	
GREECE															
Jason Class LST	NA NA NA	NA	1		NA 1			4		1					NA

Proved. Well deck capacities to operate with landing craft
 Assumed Wel-deck capacities based on well deck and landingcraft dimensions.
 Assumed Stem-ramp marriages.
 No inter-operability.

NA	Data not available
4	Well Deck craft capacity.
*	In Davids

V. 0.11	AUS			GER			ESP			FRA			UK			GRC			ITA			NLD			NOR			NZL			POL			PRT			SWE			TUR			USA		
Last review	Aug-17			Nov-19			May-17			Jun-19			Nov-18			Jul-17			Oct-17			Nov-19			-			Jul-17			Oct-19			-			May-18			May-19			Nov-18		
Platform/Country	LCM-8 LLC / LCM-1E LCVP			Type 520			AAV-7 LCM-1(E) CTM L-CAT			LCU Mk 10 LCVP MK 5B LCACL 2000			LCAC ZUBR CLASS LCVP 36F Mk II			LCM-8 (GIS) AAV-7 A1			LCVP 96 (MDN) RHIB BAA			LCU MK 2 LCVP Mk 5 C/D FRISC			CB-90			LCM-8			Deba LCU AMW VOLWERINE PTS Series			LDG Bombarda Class			CB-90 (LCP) LCAC GRIFFON 8100 TD LTRB			LCVP 140 CLASS 151 CLASS			LCU 1600 LCAC AAV-7		
ITALY																																													
San Giorgio class LPD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
San Giusto class LPD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
LHD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
NETHERLANDS																																													
Johan de Witt LPD	NA	NA	NA	NA	1	4*	NA	NA	NA	NA	1	4*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	4*	4*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
Rotterdam LPD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Karel Doorman JSS	NA	NA	NA	NA	2*	1	NA	NA	NA	NA	2*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	2*	2*	NA	NA	NA	NA	NA	NA	NA	2	NA	NA	1	NA	NA	NA	NA					
NEW ZEALAND																																													
HMNZS Canterbury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	?	?	?	NA	2*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
POLAND																																													
Lublin Class LST	NA	NA	NA	NA	9	NA	NA	NA	NA	NA	NA	NA	NA	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8	9	NA	NA	NA	NA	NA	NA	NA	NA	NA						
Deba LCU	NA	NA	NA	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA						

Proved. Well deck capacities to operate with landing craft
 Assumed Wel-deck capacities based on well deck and landingcraft dimensions.
 Assumed Stem-ramp marriages.
 No inter-operability.

NA	Data not available
4	Well Deck craft capacity.
*	In Davids

V. 0.11	AUS	GER	ESP	FRA	UK	GRC	ITA	NLD	NOR	NZL	POL	PRT	SWE	TUR	USA
Last review	Aug-17	Nov-19	May-17	Jun-19	Nov-16	Jul-17	Oct-17	Nov-19	-	Jul-17	Oct-19	-	May-18	May-19	Nov-18
Platform/Country	LCM-8 LLC / LCM-1E LCVP	Type 520	AAV-7 LCM-1(E) CTM L-CAT	LCU Mk 10 LCVP MK 5B LCACL 2000 LCAC ZUBR CLASS LCVP 36F Mk II	LCM-8 (GIS) AAV-7 A1 LCVP 96 (MDN) RHIB BAA LCU MK 2 LCVP Mk 5 C/D FRISC	CB-90	LCM-8	Deba LCU AMW VOLWERINE PTS Series	LDG Bombarda Class CB-90 (LCP) LCAC GRIFFON 8100 TD LTRB LCVP 140 CLASS 151 CLASS LCU 1600 LCAC AAV-7						
SPAIN															
Juan Carlos I LHD	NA	NA	NA												
Galicia Class LPD	NA	NA	NA												
TURKEY															
LHD Class	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bayraktar Class LST	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNITED STATES															
Wasp class LSD	NA	NA	NA	NA											
America class LHA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
San Antonio class LPD	NA														
Whidbey Island LSD	NA	NA	NA	NA											
Harpers Ferry LSD	NA	NA	NA	NA											