



Seabasing, MPF(F), & Amphib Shipbuilding Requirements

23 Oct 07

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Background

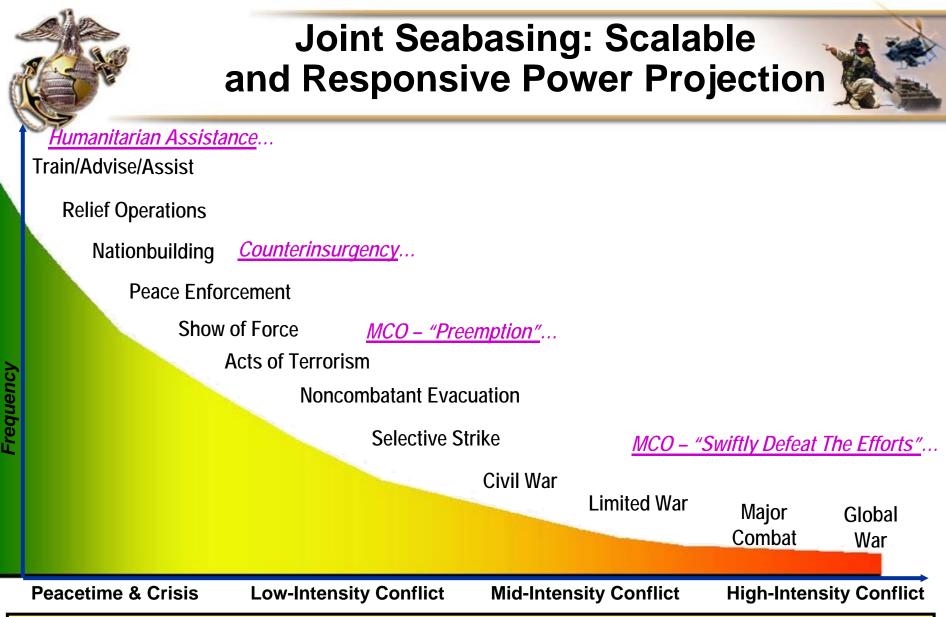
Seabasing Definitions from Navy-Marine Corps Doctrinal Pub

From NWP 3-62/MCWP 3-31.7, Seabasing

"Seabasing, a national capability, is the overarching transformational operating concept for projecting and sustaining naval power and joint forces, which assures joint access by leveraging the operational maneuver of sovereign, distributed, and networked forces operating globally from the sea."

"The sea base is an inherently maneuverable, scalable aggregation of distributed, networked platforms that enable the global power projection of offensive and defensive forces from the sea, and includes the ability to assemble, equip, project, support, and sustain those forces without reliance on land bases within the Joint Operations Area."

Seabasing Integration Division Capabilities Development Directorate Marine Corps Combat Development Command



Seabasing will provide...the capability to dissuade a potential adversary...and, if necessary, project joint combat power within reduced timelines...with operational independence of Host Nation Support....SECNAV, March 05



What's in the Joint Seabase?





Carrier Strike Group

Maritime Prepositioning Group

Task organized forces to meet COCOM mission requirements USS ARCTIC (ADE B)

Combat Logistics Force Ships

Coalition Force and Sister Service Ships

Expeditionary Strike Group



Connectors



Seabasing is more than just MPF(F)...

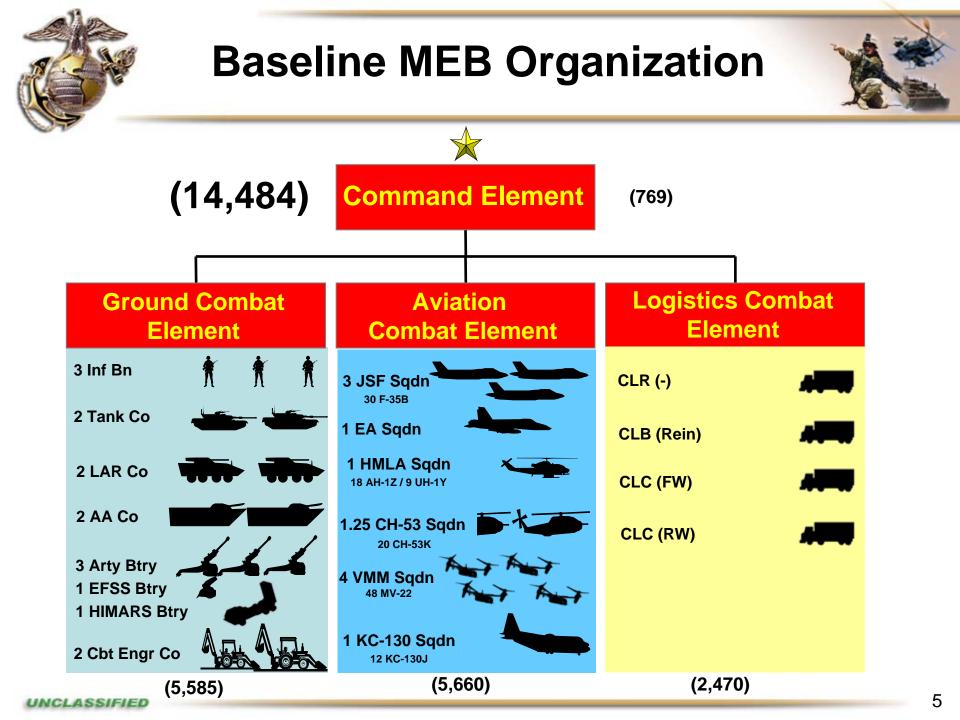






KONGO (DD 173)



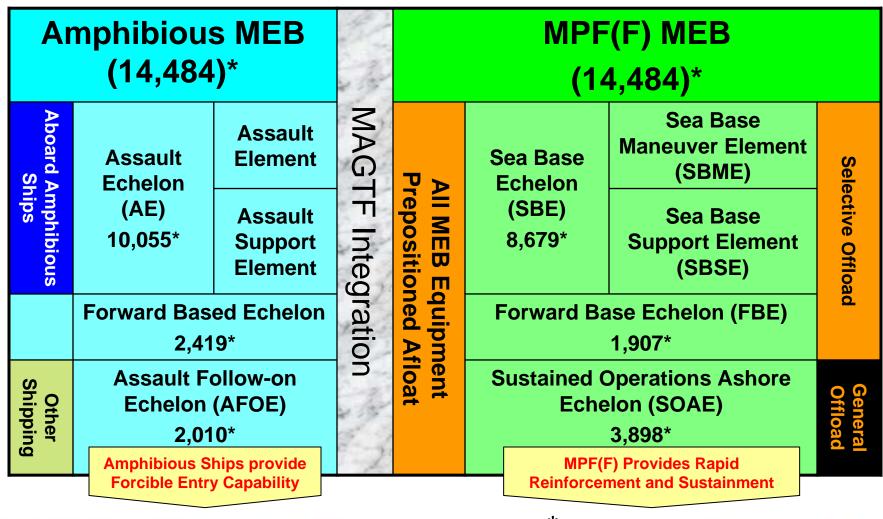




Amphib and MPF(F) Synergy



Organization for Deployment and Employment



SE Not Included



Marine Corps Amphib & MPF(F) Capabilities and Requirements



Capabilities

Amphibious Warfare Ships

- Inherent survivability, self-defense, and Navy crewing
- Maritime forcible entry operations
- Forward presence, deterrence

Maritime Prepositioning Force (Future) (MPF(F))

- Capable of at-sea arrival and assembly of forces
- Selective offload of equipment sets to meet Seabasing mission requirements
- Supports forward engagement and forcible entry

Notional 15-Ship ATF

Five LHD-1 (Wasp Class) Five LPD-17 (San Antonio Class) Five LSD-41 (Whidbey Island Class)



Shipbuilding Requirements

Amphibious Warfare Ships

- 2.0 MEB AE per Strategic Planning Guidance; 15 Ao Ships per MEB AE
- Total 30 operationally available ships
 - 10 LHD/LHA(R)
 - 10 LPD-17
 - 10 LSD-41/49 (or equivalent replacement)
 - Minimum 11/11/11 ships to meet 30 Ao requirement

Maritime Prepositioning Force (Future)

One squadron

Legacy Maritime Prepositioning Squadrons

Retain two squadrons to maintain afloat prepositioned equipment capacity

MPF(F) Squadron Composition





MPF(F) Squadron Required Capabilities



- Preposition the MEB (1 Air and 2 Surface Battalions [selective offload])
- ✓ Close a MEB in 10-14 days
- \checkmark At Sea Arrival and Assembly in 24-72 Hours
- \checkmark Employ one Surface Battalion and one Vertical Battalion in 8-10 hours
- Provide accommodations and aircraft/vehicle maintenance capability (O level/selected I level) for a MEB
- \checkmark Sustain the forces ashore from the Sea Base
- ✓ Provide Level II (resuscitative surgery) medical support
- ✓ Accommodate and operate organic surface connectors
- Conduct external operations in Sea State 3 threshold/Sea State 4

2015 MEB assumptions		20	15 R/W/T/R MEB ACE	Required	Required Squadron	
11,912	Personnel	48	MV-22	Ca	pacity RO/RO ft ²	
799	HMMWVs	20	CH-53(X)	3,001,747	Cargo ft ³	
106	EFVs	18	AH-1	8,808,424	POL ~ gallons	
335	MTVRs	9	UH-1	197	CH 46 Equiv	
30	M1A1 Tanks	2	H-60 / Aviation Ship	20	Acft operating	
18	LW 155	8	UAVs		spots	
1,226	Howitzers Trailers and	l	JNCLASSIFIED			



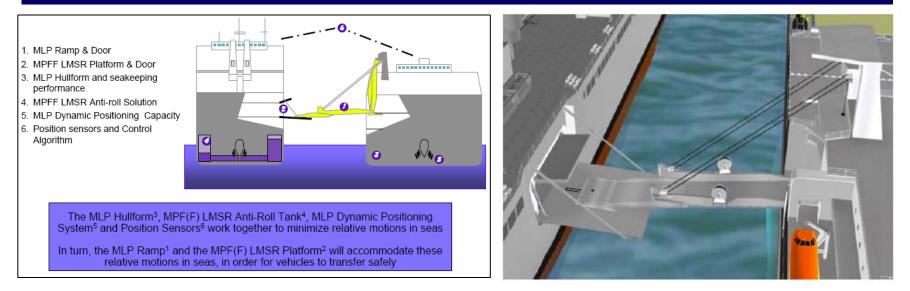
Seabasing/MPF(F) Study: Phase I Completed 28 Sep 07

Option	Concept of Employment	Squadron Composition
A	PROGRAM OF RECORD (POR): Full MEB arrival and assembly in the seabase. MPF(F) RW/TR ACE embarked in the sea base. Vertical and surface BLT maneuver ashore from the sea base.	Program of Record: - 2 x LHA(R) - 1 x LHD - 3 x LMSR - 3 x MLP - 3 x T-AKE - 2 x TAK Legacy MPS
В	MEB, less ACE, arrival and assembly in the seabase. RW/TR ACE flows to theater/AoA EAF. Surface BLT maneuver ashore from the sea base. Vertical BLT maneuver ashore via available AE shipping and AE ACE assets.	Program of Record, <u>LESS 3 Big</u> <u>Decks,</u> w/possible addition of 4 th LMSR & MLP
с	MEB prepo equipment dense packed and administratively offloaded from sea base. No at-sea arrival and assembly. All MAGTF FIE elements arrive and assemble ashore. MEB ACE land based.	TBD number of LMSR-like vessels, MLP's, T-AKE's & MPS Legacy ships



Vehicle Transfer System (VTS)

VTS is the critical new technology that enables surface movement



- Primary system to transfer vehicles and personnel from the LMSRs to the MLPs underway
- Dynamic positioning (DP) of MLP to LMSR while underway
- 1 VTS per MLP (no redundancy)
- 24 hour ship transfer (notional) period through NATO SS3



Way Ahead

Phase I (Complete)

Seabasing MPF(F) Study

MPF(F) Options:

- A: Program of Record (POR)
- **B: POR Less Aviation**
- C: Recapitalized MPS w/ LMSRs

Concerns:

- Used "How We Fight" brief in mature MCO-3, D+45 & beyond
- Option B relied on amphib big decks in support
- Study did not examine MPF(F) across full range of military operations

Phase II (December)

Follow-On Study

- Alternative amphib/MPF(F) aviation mixes
- MCO employment in expeditionary context, LCOs: COIN, HA/DR
- Inform decisions on MPF(F) aviation capabilities

Near-term actions:

- CDD to JROC Jan 08
- N85 lead, USMC support





Decisions & Issues

Decisions:

- <u>Now</u>: Endorse MPF(F)
 CDD Incremental approach
- <u>NLT Dec</u>: Determine FY10/14 Big Deck configuration: MPF(F) or AE?
- Jan: Support MPF(F)
 Incremental CDD to JROC

Emerging Issues

- Effect of new Force
 Development Guidance
 (SPG) on Amphibs
- LPD- 26/27 Funding
- Amphib Maint & Modernization





Questions?

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