#### Missiles

1 AShM salvo can be defended by 1 defensive missile from the Ship unit. Resolves at "If Defense is equal" or "If Defense is less than"

# **Chinese Missiles**

System	Notes	Target/Salvo Cost	Salvos
CJ-10	Approx. Tomahawk, AShM	Conventional – 1 AshM – 5	
DF-11/CSS-7		Conventional – 1	
DF-11A	AShM vs. Defenseless only	Conventional – 1, AshM – 1	
DF-12		Conventional – 1, AshM – 1	
DF-15B		Conventional – 1	
DF-16		Conventional – 1	
DF-17	Hypersonic	Conventional – 1, AshM – 1	
DF-21C		Conventional – 1	
DF-21D	"Carrier Killer" – Can only target CSG, ESG	Conventional – 2, AshM – 1	
DF-26	"Guam Killer"	Conventional – 1, AshM – 1	

\* Boxes after the "/" indicate missiles known to exist but lack hard numbers.

#### **Vietnamese Missiles**

System	Notes	Target/Salvo Cost	Salvos
SCUD	3 hex range, B and C variants	Conventional - 1	
Coastal Defense Missiles	3 hex range. Various Types	AShM - 1	

#### **Australian Missiles**

System	Notes	Target/Salvo Cost	Salvos
JASSM	Air Launched, 200 nm	Conventional - 1	

#### **Taiwanese Missiles**

System	Notes	Target/Salvo Cost	Salvos
Hsiung Feng IIE	4 hex range	Conventional - 1	
Hsiung Feng III	1 hex range	AShM - 1	
Tien Chi	1 hex range	Conventional - 1	
Yun Feng	7 or 12 hex range	Conventional - 1	

\* Silos on Tungyin and Penghu Islands, submunition warhead.

#### **Taiwanese AWACS**

 Fine
 Degraded
 Severely Degraded

 Image: Degraded
 Image: Degraded

#### **US Missiles**

System	Notes	Target/Salvo Cost	Salvos
LRASM	Air Launched, 200 nm	AShM - 1	
	Air Launched,	Conventional - 1	
JASSIVI	200 nm		
JASSM-ER			
	Air Launched, 500 nm	Conventional - 1	

### Japanese Missiles

System	Notes	Target/Salvo Cost	Salvos
Type 88 SSM	Ground Launcher, 150 km	AShM - 1	
Type 12 SSM	Ground Launcher, 200 km	AShM - 1	

# Logistics (WIP)

Туре	Sustains	Supply	Supply shown as Boxes	Note
Over the Beach	5 Brig.	20		Omaha post-Mulberry estimate. This number
Over the Beach	5 Brig.	20		is certainly wrong (too high) for a multitude of
Over the Beach	5 Brig.	20		reasons.
Dort	8 Brig.	25		Estimate
1011	R3	55		
Dout	8 Brig.	25		Estimate
FOIL	R3	55		
Deut	8 Brig.	25		Estimate
Port	R3	55		
Devt	8 Brig.	25		Estimate
Port	R3	55		
Airdrop	R3	3	(Military)/ (Military-needs airport)/ (Civilian-needs airport)	Estimate (based on Normandy), China Maritime Report No. 22 pg. 12-13
Helicopter	R1	1		Estimate (based on Azerbaijan)

Туре	Use	Note
Brigade in Combat	4*/day	Dunnigan, How to Make War 2003, assume 5000-man brig
Brigade out of Combat	1/day	Dunnigan, How to Make War 2003, assume 5000-man brig.
Supporting Operation	1/day/Op	Fixing ports, creating FOB's, holding POW's

\*If fuel pipeline from the mainland is laid this is reduced to 3 a turn.

Unit	<b>Organic Supply</b>
Airborne	1 Day
Seaborne (1 <sup>st</sup> Wave)	2 Days
Seaborne (2 <sup>nd</sup> + Wave)	3 Days

1 unit of supply =  $\sim$ 320 tons of supply

# **Chinese Logistics Pool**

## **Chinese Sealift (WIP)**

Each sealift box = 1 brigade worth of lift or logistics generation of supply. Each day supply/brigade advances until it is moved onto Taiwan (assuming it has a place to disembark, see page above for supply landing chokepoints), and a new set of supply/brigade can be loaded onto that track. [Day 1]/[Day 2] Boxes indicate that it takes 2 days to move supplies/units out of this section and into disembarkation.

Status	Military Sealift	Military Sealift	Military Sealift	Military Sealift	Civilian RORO	Civilian RORO	Civilian Vehicle Carriers	Logistic Lift
Disembarkation					Requires Port	Requires Port	Requires Port Marine/Amphib Only	Requires Port
Embarking + Tuonsit					[Day 2]	[Day 2]	[Day 2] Marine/Amphib Only	
Transit + Disembarkation					[Day 1]	[Day 1]	[Day 1] Marine/Amphib Only	
Staging for Embarkation							Marine/Amphib Only	
Logistics Generation	6-8 (d8, min 6)	2d6	2d6	2d6	8-20 (d20, min 8)			

Military Sealift numbers pulled from source,<sup>1</sup> Civilian sealift informed and estimated from source,<sup>2</sup> generally informed by this source.<sup>3</sup> For an overview on the quality of the Chinese logistical system, views presented in this model are informed by source.<sup>4</sup> Note that while many of the ships involved would take 24-48 hours or longer to move-embark-disembark,<sup>5</sup> ~36 hours is budgeted for embarcation and disembarcation as transit is negligible given the distance – alternatively an extra day could be added to further complicate matters. Civilian shipping requires ports as per source<sup>6</sup>

<sup>&</sup>lt;sup>1</sup> China Maritime Report No. 21: Civilian Shipping and Maritime Militia: The Logistics Backbone of a Taiwan Invasion, Lonnie D. Henley, May 2022. Pg. 2

<sup>&</sup>lt;sup>2</sup> https://warontherocks.com/2021/08/mind-the-gap-how-chinas-civilian-shipping-could-enable-a-taiwan-invasion/

<sup>&</sup>lt;sup>3</sup> China Maritime Report No. 22: Logistics Support for a Cross-Strait Invasion: The View from Beijing

<sup>&</sup>lt;sup>4</sup> Enabling a More Externally Focused and Operational PLA (2022) Chapter 8, specifically pg.155-161, https://press.armywarcollege.edu/cgi/viewcontent.cgi?article=1947&context=monographs

<sup>&</sup>lt;sup>5</sup> MTMCTEA Pam 700 - 2 Logistics Handbook for Strategic Mobility Planning

<sup>&</sup>lt;sup>6</sup> Crossing The Strait, China's Military Prepares for War with Taiwan, National Defense University Press, 2022 pg. 185

# **Diplomacy Sheet (WIP)**

#### Singapore

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