

FORCOMD RED BOOK NORTH TORBIAN NAVY

AMENDMENTS

Version	Date	Amendment	Author
V1.0	30 Sep 21	Initial version developed	Mr I.W. Malcomson

Note to Exercise Designers, Instructors and Training Audience/Students

- 1. The North Torbian Navy (TPN) Red Book is intended to be used with the OP BRONZE ACHILLES (OBA) campaign plan.
- 2. More information on the Force Structures of the TPA can be found in ODIN, link below:

https://odin.tradoc.army.mil/FS/PACIFIC/NORTH TORBIA/NORTH TORBIA

- 3. Details of these organisations continue to evolve. The ORBATs described within this Red Book will be updated by the Training Adversary System Support Cell (TASSC) within the Directorate of Training Systems at HQ FORCOMD as new information on North Torbian force structures and equipment becomes available.
- 4. Some TPN capability systems have been changed to meet OBA training requirements and may not reflect what is shown on ODIN.
- 5. The master for the OBA North Torbian Navy Red Book resides on the HQ FORCOMD DATE site. ADF members are to access the OBA North Torbian Navy Red Book from this DATE site. Any suggestions for changes are to be submitted to the DATE Team at HQ FORCOMD (SO2 DATE or aus.dateteam@defence.gov.au).
- 6. The Australian Army DATE website link can be found below:

https://date.army.gov.au



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Decisive Action Training Environment

Training Adversary System

Know Your Enemy





Worldwide Equipment Guide: Ground Systems

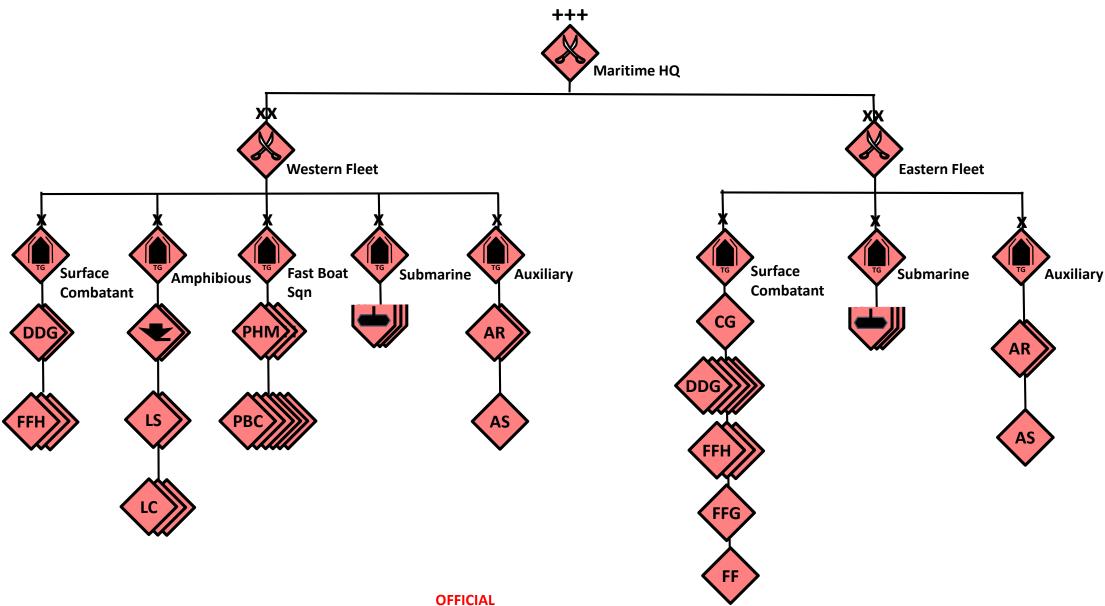
Worldwide Equipment Guide: Air & Air Defence Systems

Worldwide Equipment Guide Naval Systems





NORTH TORBIAN/TORBIAN PEOPLE'S NAVY (TPN)





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Worldwide Equipment Guide: Ground Systems

Worldwide Equipment Guide: Air & Air Defence Systems

Worldwide Equipment
Guide Naval Systems



TPN PLATFORMS







Type 052D DDG – Luyang III **Allocation** Western fleet (1) Eastern Fleet (1) Manufacturer Olvana Complement 280 LOA / Beam / Displacement 160m / 18m / 8000t **Top speed / Endurance** 30kn / 4500nm 2x 32-cell VLS: Weapons systems HHQ-9B SAM/SSM YJ-18 ASM 6x Yu-7 ASW torpedo tubes 1x PJ38 130mm Naval Gun 2x Type 730 CIWS Type 346 AESA radar Sensors Type 518 air-surveillance radar Type 366 FCR Aircraft 2x Z-9WA or KA-28 Helo https://odin.tradoc.army.mil/WEG/Asset/Type 052D **WEG link** Class (Luyank III-Class) Chinese Destroyer







TORBIAN PEOPLE'S NAVY Type 052C DDG – Luyang II **Allocation** Western Fleet (2) Eastern Fleet (2) Manufacturer Olvana Complement 280 LOA / Beam / Displacement 154m / 17m / 6500t **Top speed / Endurance** 29kn / 6000nm Weapons systems <u>1x 48 Cell VLS</u> – HQ-9 SAM 2x Quad YJ-62 C-602 SSM 2x Yu-7 ASW torpedo tubes 2x 100mm Type 210 Naval Guns 2x Type 730 CIWS Type 346 AESA radar Sensors Type 517 air-surveillance radar Type 366 FCR Aircraft 1 x Z-9WA or KA-28 Helo https://odin.tradoc.army.mil/WEG/Asset/Type 052C **WEG link** Class (Luyang II Class) Chinese Destroyer



TORBIAN PEOPLE'S NAVY Type 051G DDG – Luda III **Allocation** Eastern Fleet (1) Manufacturer Olvana Complement 280 LOA / Beam / Displacement 132m / 12.8m / 3670t **Top speed / Endurance** 32 kn / 2970 nm 4x twin YJ-8 SSM Weapons systems 24x HQ-7 SAM 6x Yu-7 ASW torpedo tubes 2x 100mm Naval Gun 1x DARDO CIWS **Sensors** Type 354 radar (G/H band) ZKG 4A/B FCR **Aircraft** Nil https://odin.tradoc.army.mil/WEG/Asset/Type 051G **WEG link** (Luda III Class) Chinese Destroyern



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TORBIAN PEOPLE'S NAVY

Type 054A FFH – Jiangkai II

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Allocation	Western Fleet (3) Eastern Fleet (3)
Manufacturer	Olvana
Complement	165
LOA / Beam / Displacement	134m / 16m / 4053t
Top speed / Endurance	27 kn / 8000 nm
Weapons systems	8x YJ-83 SSM 32x HHQ-16 SAM 36x Type 87 ASW rockets YU-7 ASW torpedo 1x 100mm naval gun 2x Type 730 CIWS
Sensors	Type 382 radar (S/C band) Type 344 radar (I/J band) ZKG 4A/B FCR
Aircraft	1 x Z-9WA or KA-28 Helo
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type 054A Class (Jiangkai II Class) Chinese Frigate
OFFICIAL	



TORBIAN PEOPLE'S NAVY		
Type 053H3 FFG – Jiangwei II		
Allocation	Eastern Fleet (1)	
Manufacturer	Olvana	
Complement	168	
LOA / Beam / Displacement	122m / 12.4m / 2400t	
Top speed / Endurance	16 kn / 5800 nm	
Weapons systems	8x YJ-83 SSM 24x HHQ-10 SAM YU-7 ASW torpedo 1x 100mm naval gun	
Sensors	Type 354 radar (G/H band) Type 360 radar (E/F band) ZKG 4A/B FCR	
Aircraft	1x Z-9C Helo	
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type 053 H3 Class (Jiangwei II Class) Chinese Frigate	





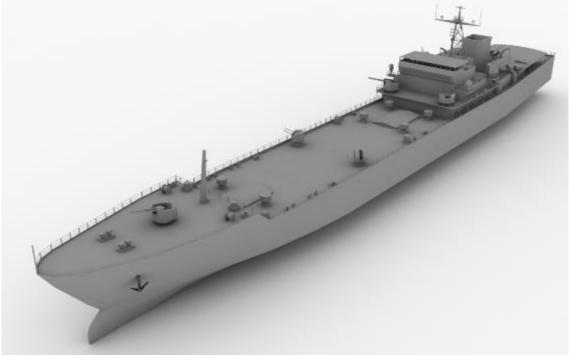
TORBIAN PEOPLE'S NAVY		
Type 052H1G FF – Jianghu V		
Allocation	Eastern Fleet (1)	
Manufacturer	Olvana	
Complement	160 - 200	
LOA / Beam / Displacement	103m / 10.8m / 1700t	
Top speed / Endurance	34 kn / 7400 nm	
Weapons systems	8x twin YJ-83 SSM Yu-7 ASW torpedo 3x 100mm naval gun	
Sensors	Type 354 radar (G/H band) Type 360 radar (E/F band) ZKG 4A/B FCR	
Aircraft	1x Z-9C Helo	
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type 053H 1G Class (Jianghu-V Class) Chinese Frigate	



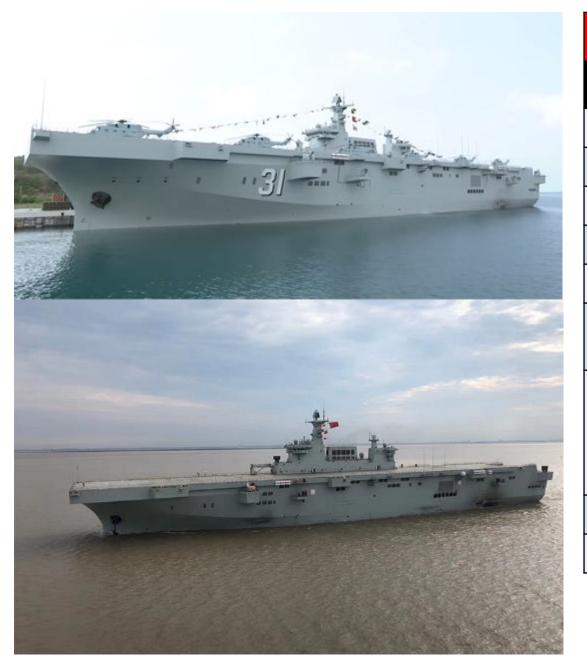


TORBIAN PEOPLE'S NAVY Type 055 CG – Renhai Eastern Fleet (1) **Allocation** Manufacturer Olvana Complement 280-300 LOA / Beam / Displacement 180m / 20m / 12,000t **Top speed / Endurance** 30 kn / 5000 nm Weapons systems 112-cell VLS: HHQ-9 SAM YJ-18 ASM CJ-10 LACM YU-7 ASW torpedo 24x HHQ-10 SAM 1x 130mm naval gun 1x Type 730 CIWS **Sensors** Type 346 AESA radar **Aircraft** 2x Z-18F Helo https://odin.tradoc.army.mil/WEG/Asset/Type 055-**WEG link** Class (Renhai Class) Chinese Guided Missile Cruiser





TORBIAN PEOPLE'S NAVY Type 072 LSD – Yukan **Allocation** Western Fleet (2) Manufacturer Olvana Complement 130 LOA / Beam / Displacement 120m / 15.3m / 4170t **Top speed / Endurance** 18 kn / 3000 nm Weapons systems 4x Type 66 dual 57mm Naval Gun 4x Type 61 25mm AAA gun **Loadout capacity** 11 tanks + 120 troops or Anti tank guns + 200 troops or 500 t dry cargo Aircraft Nil https://odin.tradoc.army.mil/WEG/Asset/Type 072 **WEG link** Class (Yukan Class) Chinese Landing Ship



TORBIAN PEOPLE'S NAVY Type 075 LHD – Yushen **Allocation** Western Fleet (2) Manufacturer Olvana Complement 1000 LOA / Beam / Displacement 237m / 36m / 36,000t **Top speed / Endurance** 23 kn / INA Weapons systems 4x HHQ-10 SAM 2x H/PJ11 30mm CIWS **Loadout capacity** 1200 troops (up to 1800 max) Amphibious attack craft Type 726 LCAC Up to 45x tanks **Aircraft** 30x Z-8 / Z-9 Helos **WEG link** INA



TORBIAN PEOPLE'S NAVY		
Type 073III LSH – Yudeng		
Allocation	Western Fleet (3)	
Manufacturer	Olvana	
Complement	74	
LOA / Beam / Displacement	87m / 12.6m / 1850t	
Top speed / Endurance	17 kn / 1500 nm	
Weapons systems	2x Type 76 37mm AAA gun 1x PHL-81 122mm rocket launcher	
Loadout capacity	 500 troops and equipment or 5x medium tanks or 10x amphibious light tanks or 250 t dry cargo 	
Aircraft	Nil	
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type 073II I Yudeng-Class Chinese Landing Ship	





TORBIAN PEOPLE'S NAVY Type 22 PHM – Houbei **Allocation** Western Fleet (3) Manufacturer Olvana Complement 12 LOA / Beam / Displacement 42.6m / 12.2m / 220t Top speed 36kn 8x YJ-83 SSM Weapons systems 1x Type 630 30mm CIWS Type 362 radar (X band) Sensors MR-123 FCR **Aircraft** Nil https://odin.tradoc.army.mil/WEG/Asset/Type 22-**WEG link** Class (Houbei Class) Chinese Fast Attack Missile Boat





Taregh (Boghammar) **Allocation** Western Fleet (6) Manufacturer Ariana Complement 6 LOA / Beam / Displacement 13m / 2.7m / 7t **Top speed** 46kn Weapons systems 1 x RPG 3 x 12.7mm MG 1 x 106mm RCL 1 x 107mm 12-barrelled MRL Surface search radar (I band) Sensors **Aircraft** Nil **WEG link** Nil

TORBIAN PEOPLE'S NAVY







Type 039 SSG – Song

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Allocation	Western Fleet (3) Eastern Fleet (3)
Manufacturer	Olvana
Complement	60
LOA / Beam / Displacement	74.9m / 8.4m / 2250t (submerged)
Top speed	15 kn surface / 22 kn submerged
Weapons systems	C108 ASCM YJ-8 SSM YJ-18 ASM Yu-4/5/6 HWT torpedo 36x mines
Sensors	Thales TSM-2233 Eledone Passive Bow Array Sonar Thales TSM-2255 Fenelon Flank Array Sonar
Aircraft	Nil
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type 039 Class (Song-Class) Chinese Diesel- Electric Submarine
CELCIAI	





TORBIAN PEOPLE'S NAVY		
Type 903 AOR – Fuchi		
Allocation	Western Fleet (1) Eastern Fleet (1)	
Manufacturer	Olvana	
Complement	130	
LOA / Beam / Displacement	178m / 24.8m / 23,400t	
Top speed / Endurance	20 kn / 10,000 nm	
Weapons systems	2x Type 76 37mm AAA gun	
Cargo capacity	10,500 m³ fuel oil 250 m³ fresh water 680 t cargo and ammunition	
Aircraft	1x Z-8 or Z-9 Helo	
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type 903 Class (Fuchi Class) Chinese Replenishment Ship	





TORBIAN PEOPLE'S NAVY		
Type 908 AOR – Fusu		
Allocation	Western Fleet (1) Eastern Fleet (1)	
Manufacturer	Olvana	
Complement	125	
LOA / Beam / Displacement	189m / 25.3m / 37,000t	
Top speed / Endurance	16 kn / INA	
Weapons systems	INA	
Cargo capacity	9,360 m ³ fuel oil 13,000 t fresh water, cargo and ammunition	
Aircraft	1x Z-8 Helo	
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type 908 Class (Fusu-Class) Chinese Replenishment Ship	









TORBIAN PEOPLE'S NAVY Type 925 Submarine Support Ship – Dajiang Allocation Western Fleet (1) Eastern Fleet (1) Manufacturer Olvana Complement 308 LOA / Beam / Displacement 156m / 20.6m / 10,087t 20 kn / INA **Top speed / Endurance** INA **Weapons systems** Equipment Deep-submergence rescue veh Life saving bell 56t hydraulic folding arm crane Aircraft 2x Z-8 Helo ODIN - OE Data Integration Network (army.mil) **WEG link**



Decisive Action Training Environment

TPN ROTARY WING COMPONENT

Training Adversary System Know Your Enemy Worldwide Equipment Guide: Ground Systems Worldwide Equipment Guide: Air & Air Defence Systems

Worldwide Equipment Guide Naval Systems

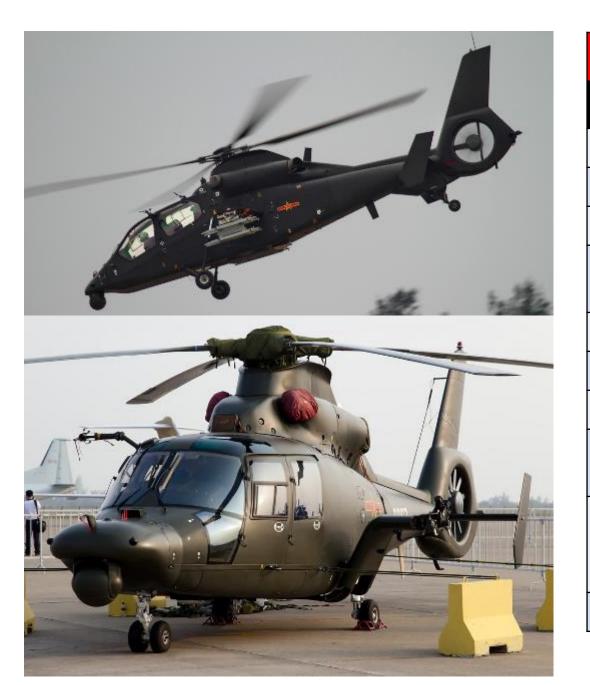








TORBIAN PEOPLE'S NAVY Z-8 Multi-Role Helicopter **Allocation Various** Manufacturer Olvana 3 Crew **Passenger capacity** 27 pers 15 med stretchers **Speed** 275 kph Max range 1020 km **Endurance** 4 hrs Wing mounted missile system Weapons systems Torpedo **Equipment** Surface search radar French HS-12 dipping sonar **WEG link** ODIN - OE Data Integration Network (army.mil)



TORBIAN PEOPLE'S NAVY	
Z-9 Multi-	Role Helicopter
Allocation	Various
Manufacturer	Olvana
Crew	1/2
Passenger capacity	10 pers 4-8 med stretchers
Speed	305 kph
Max range	1000 km
Endurance	5 hrs
Weapons systems	Wing mounted missile system 2 x 23mm guns
Equipment	Under-nose low-light TV Infrared observation and tracking Roof mounted optical sight
WEG link	ODIN - OE Data Integration Network (army.mil)





TORBIAN PEOPLE'S NAVY Ka-28 Anti-Submarine Helicopter **Allocation Various** Manufacturer Donovia 2 + 1-3 sensor operators Crew **Passenger capacity** 16 pers **Speed** 250 kph 800 km Max range **Endurance** INA Weapons systems Torpedo system Sonobuoys Bomb system **Equipment Under-nose Osminog** Infrared observation and tracking Roof mounted optical sight ODIN - OE Data Integration Network (army.mil) **WEG link**





Z-15 Anti-Submarine Helicopter		
Allocation	Various	
Manufacturer	Olvana	
Crew	2	
Passenger capacity	27 pers	
Speed	250 kph	
Max range	900 km	
Endurance	INA	
Weapons systems	YJ-83/YJ-9 ASM Sonobuoys	
Equipment	Chin-mounted surface radar Datalink Sonar	
WEG link	ODIN - OE Data Integration Network (army.mil)	

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PROXIES









Club-K Containerized Anti-ship Missile System **Allocation** Western Fleet (1) Eastern Fleet (1) Manufacturer Donovia Complement INA LOA / Beam / Displacement INA 20 kn / INA **Top speed / Endurance** Weapons systems INA **Equipment** Fire control system Vertical launcher Combat management, comms and navigation system Power-supply, life support and fire extinguishing systems **Aircraft Rotary-winged UAV** ODIN - OE Data Integration Network (army.mil) **WEG link**

TORBIAN PEOPLE'S NAVY





TORBIAN PEOPLE'S NAVY

Type 815 Electronic Surveillance Ship

Allocation	Spt to North Torbian Navy and highly likely to sail under Olvanan colours
Manufacturer	Olvana
Complement	250
LOA / Beam / Displacement	130m / 16.4m /6,000t
Top speed / Endurance	20kn
Weapons systems	1 x twin 37 mm 2 X twin 25 mm
Equipment	Radio receivers Radar receivers Terminal demodulation and recording equipment
Aircraft	INA but capable of taking any helicopter used by the TPN
WEG link	INA





TORBIAN PEOPLE'S NAVY Huachuan 1 Floating Dock Spt to North Torbian Navy and **Allocation** highly likely to sail under Olvanan colours Manufacturer Olvana Complement INA LOA / Beam / Displacement INA **Top speed / Endurance** 20kn Weapons systems INA **Capability** Cruisers Destroyers **Submarines** Aircraft INA INA **WEG link**

