



Training Adversary System



Worldwide Equipment Guide: Ground Systems

Worldwide Equipment Guide: Air & Air Defence Systems

Worldwide Equipment Guide Naval Systems



OFFICIAL



FORCOMD RED BOOK

NORTH TORBIAN NAVY

OFFICIAL

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 ADF 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 ADF DATE website link can be found below:

<https://date.army.gov.au>



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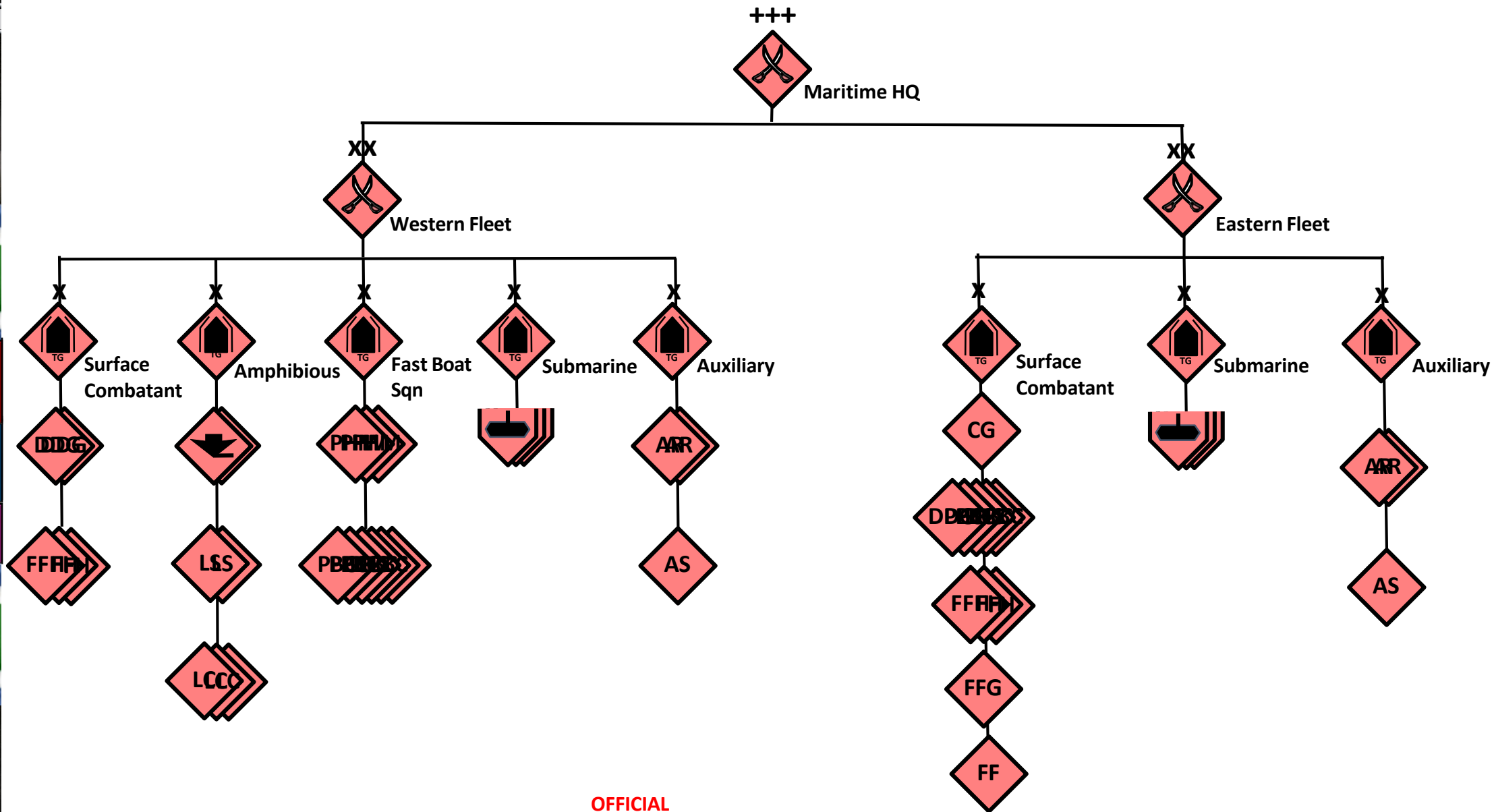
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NORTH TORBIAN/TORBIAN PEOPLE'S NAVY (TPN)





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Know Your Enemy



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TPN PLATFORMS



TORBIAN PEOPLE'S NAVY

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
Weapons systems	<u>2x 32-cell VLS:</u> HHQ-9B SAM/SSM YJ-18 ASM 6x Yu-7 ASW torpedo tubes 1x PJ38 130mm Naval Gun 2x Type 730 CIWS
Sensors	Type 346 AESA radar Type 518 air-surveillance radar Type 366 FCR
Aircraft	2x Z-9WA or KA-28 Helo
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type_052D_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	<ul style="list-style-type: none"> 1x 48 Cell VLS – 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
Sensors	<ul style="list-style-type: none"> Type 346 AESA radar Type 517 air-surveillance radar Type 366 FCR
Aircraft	1 x Z-9WA or KA-28 Helo
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type_052C_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
Weapons systems	4x twin YJ-8 SSM 24x HQ-7 SAM 6x Yu-7 ASW torpedo tubes 2x 100mm Naval Gun 1x DARD0 CIWS
Sensors	Type 354 radar (G/H band) ZKG 4A/B FCR
Aircraft	Nil
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type_051G_(Luda_III_Class)_Chinese_Destroyern



TORBIAN PEOPLE'S NAVY

Type 054A FFH – Jiangkai II

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



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

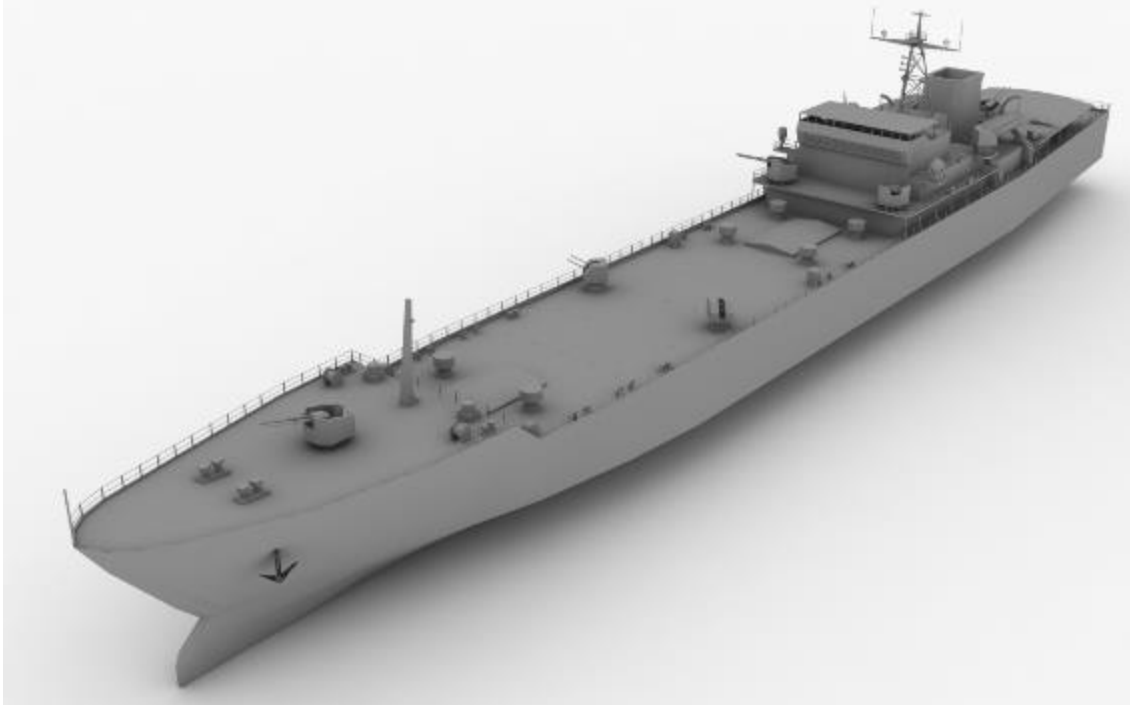
Allocation	Eastern Fleet (1)
Manufacturer	Olvana
Complement	160 - 200
LOA / Beam / Displacement	103m / 10.8m / 1700t
Top speed / Endurance	34 kn / 7400 nm
Weapons systems	8x twin YJ-83 SSM Yu-7 ASW torpedo 3x 100mm naval gun
Sensors	Type 354 radar (G/H band) Type 360 radar (E/F band) ZKG 4A/B FCR
Aircraft	1x Z-9C Helo
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type_053H1G_Class_(Jianghu-V_Class)_Chinese_Frigate



TORBIAN PEOPLE'S NAVY

Type 055 CG – Renhai

Allocation	Eastern Fleet (1)
Manufacturer	Olvana
Complement	280-300
LOA / Beam / Displacement	180m / 20m / 12,000t
Top speed / Endurance	30 kn / 5000 nm
Weapons systems	<u>112-cell VLS:</u> 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
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type_055-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	<ul style="list-style-type: none"> • 11 tanks + 120 troops or • Anti tank guns + 200 troops or • 500 t dry cargo
Aircraft	Nil
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type_072_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	<ul style="list-style-type: none"> • 500 troops and equipment <i>or</i> • 5x medium tanks <i>or</i> • 10x amphibious light tanks <i>or</i> • 250 t dry cargo
Aircraft	Nil
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type_073III 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
Weapons systems	8x YJ-83 SSM 1x Type 630 30mm CIWS
Sensors	Type 362 radar (X band) MR-123 FCR
Aircraft	Nil
WEG link	https://odin.tradoc.army.mil/WEG/Asset/Type_22-Class_(Houbei_Class)_Chinese_Fast_Attack_Missile_Boat



TORBIAN PEOPLE'S NAVY

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
Sensors	Surface search radar (I band)
Aircraft	Nil
WEG link	Nil



TORBIAN PEOPLE'S NAVY

Type 039 SSG – Song

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



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 m ³ fuel oil 250 m ³ 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
Top speed / Endurance	20 kn / INA
Weapons systems	INA
Equipment	Deep-submergence rescue veh Life saving bell 56t hydraulic folding arm crane
Aircraft	2x Z-8 Helo
WEG link	ODIN - OE Data Integration Network (army.mil)

TPN ROTARY WING COMPONENT





TORBIAN PEOPLE'S NAVY

Z-8 Multi-Role Helicopter

Allocation	Various
Manufacturer	Olvana
Crew	3
Passenger capacity	27 pers 15 med stretchers
Speed	275 kph
Max range	1020 km
Endurance	4 hrs
Weapons systems	Wing mounted missile system 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
Crew	2 + 1-3 sensor operators
Passenger capacity	16 pers
Speed	250 kph
Max range	800 km
Endurance	INA
Weapons systems	Torpedo system Sonobuoys Bomb system
Equipment	Under-nose Osminog Infrared observation and tracking Roof mounted optical sight
WEG link	ODIN - OE Data Integration Network (army.mil)



TORBIAN PEOPLE'S NAVY

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





TORBIAN PEOPLE'S NAVY

Club-K Containerized Anti-ship Missile System

Allocation	Western Fleet (1) Eastern Fleet (1)
Manufacturer	Donovia
Complement	INA
LOA / Beam / Displacement	INA
Top speed / Endurance	20 kn / INA
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
WEG link	ODIN - OE Data Integration Network (army.mil)



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



Allocation	Spt to North Torbian Navy and 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
WEG link	INA





OFFICIAL



X
 Amphibious



X
 Surface Combatant


X
 Submarine




X
 Fast Boat Sqn








  X
Auxiliary West

 X
Auxiliary East

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  X
Surface Combatant (-)

  X
Submarine

  X
Surface Combatant (-)

TPN NAVAL BASES AND HOME LOCATIONS

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