SCENARIO SPECIAL IDEA

Joint Area of Operations	JOA - East (PAMI)

General Idea	OPERATION PACIFIC STORM

Echelon Level	PLATOON

Unit Type	OLVANAN PEOPLE'S NAVY MARINE CORPS (OPNMC)

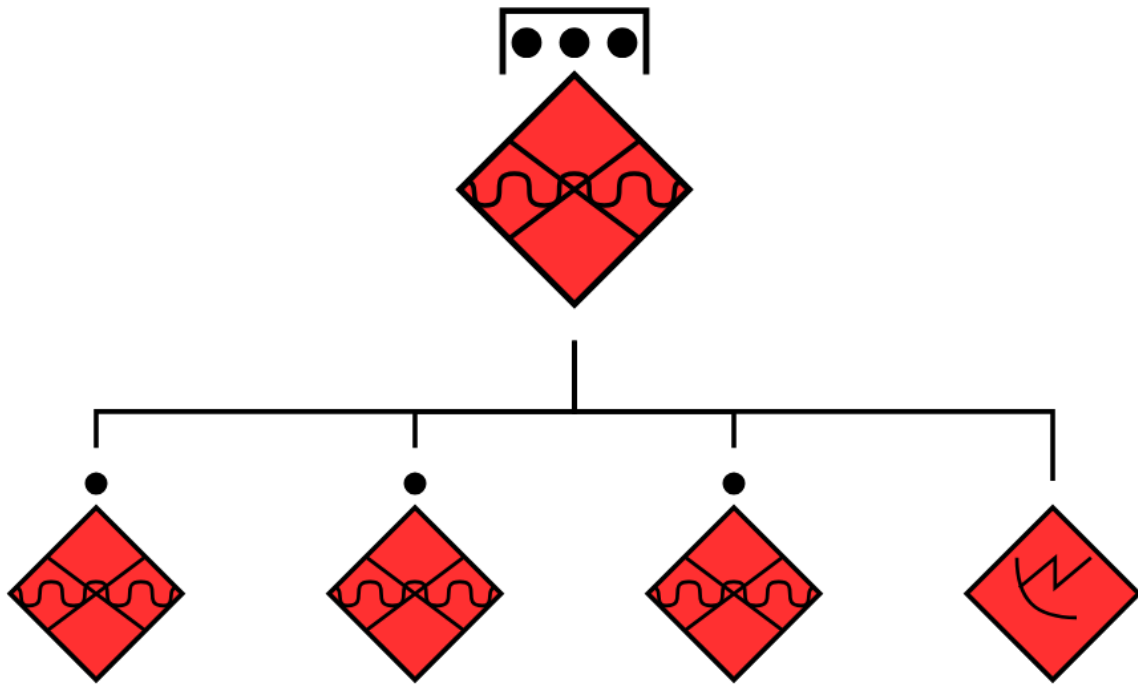| **Mission Type**	DEFENSIVE – POINT DEFENCE OF RADAR INSTALLATION

Scenario Design Comments

In this scenario, an enemy maritime early-warning radar site has been established on the southern side of RENNELL ISLAND oriented toward Australia's east coast in order to cue maritime domain awareness and long-range targeting in defence of Olvanan People's Army (OPA) forces situated in the PULLER ISLANDS.

The ELM-2270 is an Over-The-Horizon Surface Wave (OTH SW) radar operating in HF band. It is used as long-range coastal surveillance radar, designed to detect sea surface targets and low flying aircraft, far beyond the local horizon.

The radar uses separate transmit and receive antennas. The transmitting antenna covers the entire sector of 120° simultaneously. The receiving antennas form a phased array with digital swivelling of a virtual antenna diagram.

OPFOR suggested Order of Battle (ORBAT)

The suggested ORBAT for this scenario is an Olvanan Marine Platoon (+) task organised from an Olvanan Marine Battalion operating within the theatre.

In this mission, the Marine platoon is task-organised into the following components:

- Platoon Headquarters – responsible for overall C2 of the Platoon, and coordination with higher Olvanan elements across the AO.

- Marine rifle squads (x3) – provide organic local protection for the installation.

- Maritime ISR detachment – tasked with the setting up and operation of the Over-the-Horizon (OTH) Maritime ISR radar array.

The Platoon is equipped with standard Olvanan small-arms including QBZ-95 rifles, and crew-served weapons including the QJY-88 5.8mm tripod mounted machine gun, the QLZ-87 35mm AGL, HJ-12 ATGM, and QW-18 MANPADs.

Additionally, the Platoon utilises a sUAS Quadcopter (EO/IR Payload) and an FPV Micro-UAS.

OPFOR Mission

SITUATION

A PLATOON (+) element from the OPNMC has landed on the Southern side of RENNELL ISLAND, located southwest of the PULLER ISLANDS.

They have emplaced a HF over-the-horizon coastal surveillance radar array IVO the village of LAVAGU (MGRS: 57L XH 39479 11160) IOT extend maritime early warning arcs, cue long-range fires, and assist in interdiction of surface contacts transiting IVO the CORAL SEA.

MISSION

OPNMC MAR PL is to DEFEND the RENNELL IS radar site and maintain operational status IOT provide EW for OLV forces IVO PULLER ISLANDS.

Phase 1 – Establishment and Shaping

- Infiltrate RENNELL ISLAND during period of darkness utilising RHIB-based amphibious landing operation.

- Proceed to village of LAVAGU to establish defensive position.

- Emplace radar system, power, establish SATCOM/BeiDou communications to higher C2 elements, proof test radar array, and emplace concertina wire obstacle belt.

- Lay and register MG EAs, pre-plan scuttle procedures, establish PL DEF POS.

Phase 2 – Secure emplacement

- Defensive routine: rotate coastal and MSR OP/LPs through day and night, continue scheduled sUAS reconnaissance of village and likely avenues of approach.

- Conduct VCPs along MSRs and snap ambushes upon suspected EN INFIL routes.

Phase 3 – Defensive Battle

- Fix EN forces forward with obstacles and MG direct fires.

- PL A/T WPNS engage vehicles at chokepoints

- OLV SEC in reserve for C-ATK tasks.

Phase 4 – Scuttle / Withdraw

- Execute demolition of radar array and crypto material, zeroise comms, destroy fuel reserves.

- Withdraw and EXFIL to pre-determined coastal RV for night extraction.

End-State.

The end-state for this mission is to provide situational awareness and early-warning to maritime based threats transiting IVO the Coral Sea to enable Olvanan forces to interdict/delay/neutralise AS forces attempting to force project into the AO.

Relevant Training References

Olvanan Brigade level Tactics

[Olvanan Mechanised Brigade Task Group Tactics | Decisive Action Training Environment (DATE)](#)

Olvanan Jungle Warfare Tactics

[Olvanan Jungle Warfare Tactics at Combined Arms Brigade and Below | Decisive Action Training Environment (DATE)](#)

Further training resources are available on the Australian DATE website, accessed at date.army.gov.au

Detailed adversary information, including ORBATs, is available via United States Training and Transformation Command (T2 COM) at https://odin.tradoc.army.mil/