

Replenishment At Sea Planner (RASP)

Studies, Theses and Peer-Reviewed Papers

(● hyperlinked)

Optimizing the US Navy's Combat Logistics Force

July 2008
Jan 09

Heuristics in global combat logistics force operational planning

Optimizing logistical planning factors for fuel rate consumption within the 5th Fleet area of responsibility

Smart Voyage Planning Model Sensitivity Analysis Using Ocean and Atmospheric Models Including Ensemble Methods

Resource Burden of Logistics to Navy Ships Under Threat Scenarios

Analyzing underway replenishments through spatial mapping

T-AO Reefer Box Analysis For C5F

Jan 10
Jan 11
Jan 12
Jan 13

Alternative practices to improve surface fleet fuel efficiency

Incorporation of tropical cyclone avoidance into automated ship scheduling

Indian Oil Tanker Resupply Analysis For MSC

Navy Operational Planner

Preserving logistical support for deployed battle groups in an Anti-Access, Area Denial (A2AD) environments

(U FOUO) [NSWCDD] Distributed LCS Logistics Supportability In C7F

Otter: an optimized transit tool and easy reference

A baseline analysis of Combat Logistics Force Scheduling efficiency

An exact method for finding shortest routes on a sphere, avoiding obstacles

Jan 14
Jan 15
Jan 16
Jan 17

Multicommodity logistical support in an anti-access, area denial environment

Scheduling Combat Logistics Force replenishments at sea for the US Navy

Optimizing the Navy Mission Planner

Optimizing the Navy Mission Planner

(U FOUO) [OPNAV N81] T-AO&T-AKE Investments

(U FOUO) [OPNAV N81] Strategic Portfolio Review on Asia Basing & Logistics

(U FOUO) [OPNAV N81] Offshore Support Vessel (OSV) Employment Options ISO PACFLT

(U FOUO) [OPNAV N81] Scenario 7: CLF Strategic Laydown

(U FOUO) [OPNAV N81] Future Naval Force Structure

(U FOUO) [OPNAV N81] CPF CONOPS

(U FOUO) [PACFLT N55] Force Posture Implications of Maritime Infrastructure Investments

(U FOUO) [OSD CAPE]

(U FOUO)

[OPNAV N81]



June 2021