

Optimizing Positioning of Navy Wholesale Inventory



This is a NAVAL POSTGRADUATE SCHOOL MONTEREY CA report procured by the Pentagon and made available for public release. It has been reproduced in the best form available to the Pentagon. It is not spiral-bound, but rather assembled with Velobinding in a soft, white linen cover. The Storming Media report number is A129683. The abstract provided by the Pentagon follows: Naval Inventory Control Point (NAVICP) currently manages more than 210,000 line items to supply 957 customers worldwide. NAVICP positions these items within a distribution network of 22 Defense Depots operated by the Defense Logistics Agency (DLA). NAVICP plans to reduce supply system distribution cost by optimizing their use of this distribution network. This thesis develops a heuristic algorithm that optimally positions line items to serve historical requisitions by Naval units over an 18 month period. Repositioning minimizes distribution costs subject to constraints on customer wait time and depot capacities. This model suggests a distribution scheme for 32,521 unique wholesale items from 22 depots to 126 aggregated customer regions worldwide. The Navy can reduce distribution cost by better strategic positioning of Navy wholesale inventory within the existing distribution network. The Navy can also achieve savings by positioning stocks at just a few locations, rather than at many, and by positioning items together in aggregate product groups, a policy that is widely admired in logistics.

[\[PDF\] Making Your Business Competitive](#)

[\[PDF\] Hal Clement \(Starmont Readers Guide\)](#)

[\[PDF\] Holiday Recipes and DIY Gifts Box Set \(5 in 1\): Healthy and Easy Savory Recipes for the Holidays, Plus Creative Gifting Ideas This Season! \(Quick and Easy Low-Carb Recipes\)](#)

[\[PDF\] The Gigantic Book of Running Quotations](#)

[\[PDF\] The Children of Africa in the Colonies: Free People of Color in Barbados in the Age of Emancipation](#)

[\(Antislavery, Abolition, and the Atlantic World\)](#)

[\[PDF\] Deutsche Gebardensprache FRAGEN & TATIGKEITEN \(Lets Sign\) \(German Edition\)](#)

[\[PDF\] Lenins Tomb: The Last Days of the Soviet Empire - with a New Afterword by the Author](#)

Scanned Document - Navy Issuances - Defense Logistics Agency (3) Management of wholesale inventories, which is governed by the global Navy supply system including material positioning, distribution Analysis of processing procedures for requisitions submitted by NIMS will replace distinct wholesale and retail inventories with a national The first pilot project, implemented in July 2003, was with the Naval Station Ingleside, Texas. better inventory visibility, optimized supply chain, and better resource use. Consequently, DLA is well position to implement a CRM limited production DLA Instruction - Defense Logistics Agency official policy or position of the Department of Defense or the U.S. Government. The Navy Supply Systems Command holds \$21 billion of inventory across 430,000 repair part line items in simulation wholesale inventory optimization model. Value of Innovation: Impacts on Health, Life Quality, Safety, and - Google Books Result SUBJECT TERMS Inventory Positioning, Logistics, Optimization, Linear Relating to Navy wholesale inventory, DLA is responsible for storing, handling.. Optimizing Navy wholesale inventory positioning - Calhoun: The Strategic inventory positioning of Navy depot level repairables at historical inventory demand and determines the optimal storage locations for NAVICPs inventory of repairable items. Optimizing Navy wholesale inventory positioning ?. Inventory Source: Wholesale Dropship Suppliers & Data Management official policy or position of the Department of Defense or the U.S. Government. Naval Supply Systems Command (NAVSUP) supports Navy, Marine Corps, Joint and inventory management, inventory optimization, order points, order quantities. ... WSS needs to keep adequate wholesale and retail inventory levels for all OR Department Theses - Naval Postgraduate School A supplemental finding revealed a need for wholesale stock positioning policy changes where material would be actively positioned at selected stock points to support regional demand. Optimizing positioning of navy wholesale inventory ?. A New Approach to Site Demand-Based Level Inventory Optimization their depots and DLA manages inventory at the Navy shipyards planning factors, DOD, DLA and the services will be unable to optimize supply .. wholesale and retail levels has a different focusnamely placing DLA in. Strategic Inventory Positioning of Navy Depot Level Repairable official policy or position of the Department of Defense or the U.S. Government. The Navy Supply Systems Command holds \$21 billion of inventory across 430,000 repair part line items in simulation wholesale inventory optimization model. Defense Logistics Agency Annual Financial Report 2005 - Google Books Result The Naval Inventory Control Point (NAVICP) provides program and supply Kaplan, C. A., Optimizing Positioning of Navy Wholesale Inventory, Masters GAO-16-450, DEFENSE INVENTORY: Further Analysis and official policy or position of the Department of Defense or the U.S. Government. The Navy Supply Systems Command holds \$21 billion of inventory across 430,000 repair part line items in simulation wholesale inventory optimization model.