

**NAVAL SUPPLY SYSTEMS COMMAND**  
**AFLOAT SUPPLY DEPARTMENT OF THE FUTURE**

**CONCEPT OF OPERATIONS**

**Prototype**

**AUTOMATED RECEIPT PROCESS**

**USS HARRY S TRUMAN (CVN 75)**

AUTOMATED RECEIPT PROCESS  
CONCEPT OF OPERATIONS

POC: NEXCOM SHIPS STORE PROGRAM

1. **PURPOSE:** To provide information on how ships store receipts can be automated and simplified
2. **AS IS STATE**

Upon notification that a receipt and merchandise is on the pier, the receipt inspector takes their copy of the purchase order, goes to the pier and then inventories the "each" in each box to ensure that all the merchandise is there. The receipt inspector signs the delivery ticket and provides their copy of the receipt to the Records Keeper. The merchandise is moved to the bulk storeroom. There it is also inventoried in the same manner and the piece of paper is provided to the records keeper to compare with the copy from the receipt inspector. Any differences in merchandise quantity between the pier and bulk are surveyed to profits. Any discrepancies between the delivery person and the ship's receipt inspector are resolved at a later date.

3. **TO BE STATE**

The electronic receipt will have been received via EDI and will reflect what the vendor's invoice /pick/pack/ ship document states. The receipt inspector goes to the pier and compares receipt document with delivery document to ensure the same number of boxes are listed. If the number of boxes match, the receipt inspector counts the number of boxes delivered against the number listed to be delivered. If all the boxes are on hand, they sign the delivery ticket and take a copy to the records keeper. (If the number of boxes does not match, a line item inventory will be taken to determine what is missing.) The records keeper pulls the EDI receipt on screen and visually checks that all the merchandise stated to arrive was received per the trucker invoice. He hits a single button and the information is uploaded into stock database. At the bulk storeroom, the bulk inspector has loaded their scanning device with the P.O. number and all the items to be received. As the merchandise goes into bulk, they scan the PO UPC/stock number. At the completion of the event they go to the records keeper and upload the information into the computer. The computer then compares receipts on pier with receipts in bulk. Any differences are reviewed to determine the accurate inventory and any final difference charged to Navy Working Capital Fund as a loss in shipment.

4. **PROTOTYPE APPROACH**

1. Phase I. ( To be completed by 15 March 00)
  - a. Develop specification for scanning software to allow the receipt of merchandise by stock number, upc or alpha numeric information and transfer of data to and from the scanning device to and from the computer
  - b. Integrate the software into ROM II
  - c. Test ROM II software with this module
  - d. Run lab tests to validate transactions
2. Phase II. (To be completed by 01 June 00)
  - a. Install on ship and run validation checks with deliveries to test user acceptability and data integrity
  - b. Conduct training on the new procedures
  - c. Rewrite policy and procedures for new method of receipt
  - d. Monitor use on ship.

5. **DESCRIBE HARDWARE, SOFTWARE AND CONTRACTOR SUPPORT**

- A. Hardware: Will use existing hardware provided with ROM II
- B. Software: Will require new receipt program in scanning device and integration into ROM II
- C. Contractor Support. Assistance in monitoring application on ship.

6. **FUNDING REQUIREMENTS**

- A. Hardware: None
- B. Software
 

|  |            |              |
|--|------------|--------------|
| 1. Development of software spec for receipts | one month  | in house     |
| 2. Software development                      | two months | Vendor \$15K |
| 3. Integration into ROM II                   | two months | Vendor \$40K |
| 4. Regression testing                        | one month  | Vendor \$15K |
- C. Contractor Support: AIRLANT S-3 Coordinator (no extra funding required)

7. **METRICS**

- a. ability to accurately receive merchandise by box count and have ROM II system record the items correctly.
- b. Ability to accurately receive merchandise into bulk and have ROM II automatically post the items if correct, provide discrepancy lists if differences and survey the items if not found.
- c. Determine dollar amount of surveys generated by not doing two full inventories

8. **PERFORMANCE STANDARDS**

None

9. **RISKS**

- a. Increase of charges due to loss of material.
- b. automated items are slower than visual counting of items

10. **TRAINING NEEDS**

Training will be needed for receipt inspectors and bulk inspectors and records keepers

11. **POLICY CHANGES:**

Will be developed as required.

12. **Detailed POAM:** TBD