

## MODULE TEST AND REPAIR (MTR) ISEA

NAVUNSEAWARCEN DET FEO NORFOLK

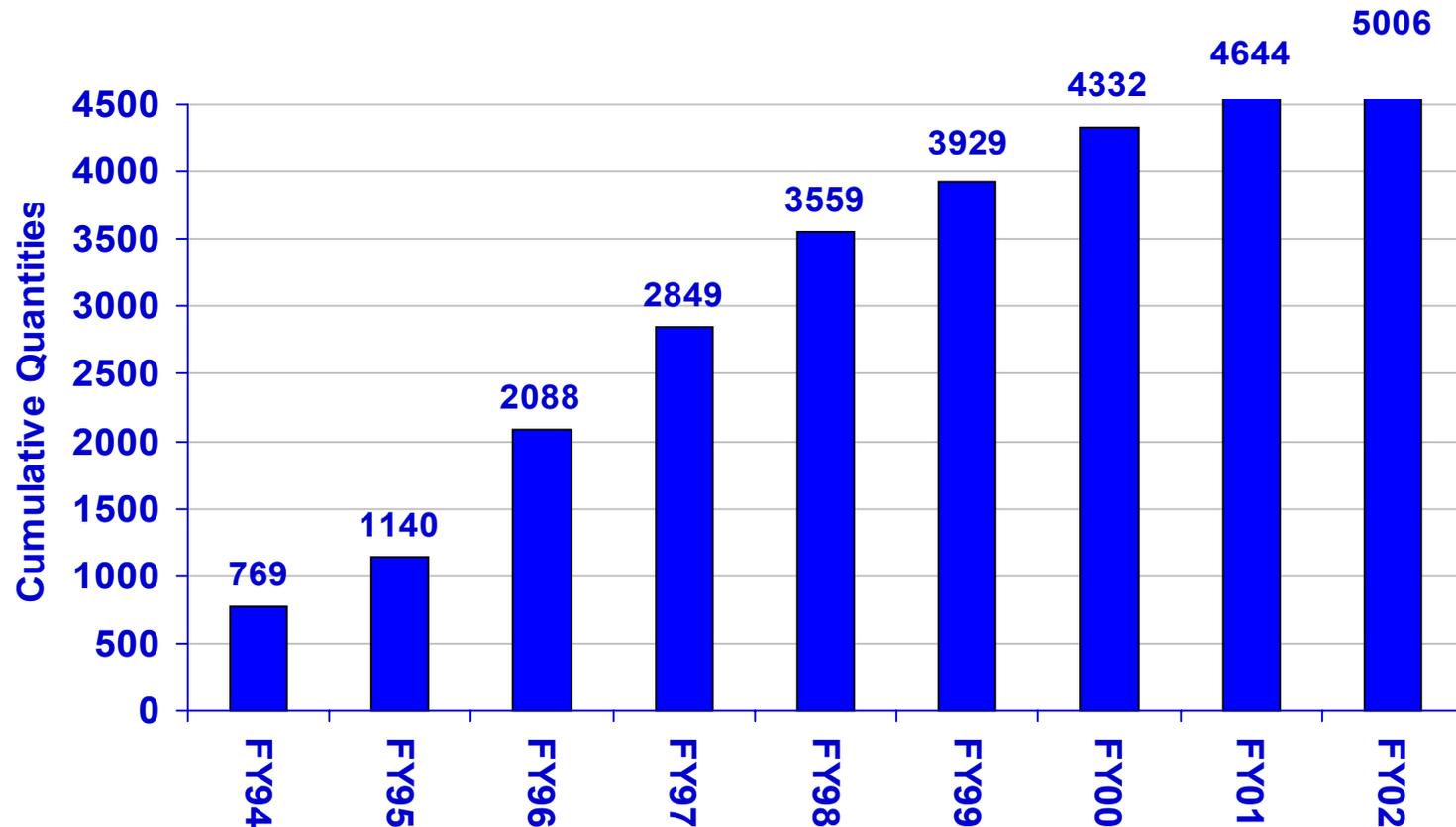
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## Gold Disk Production

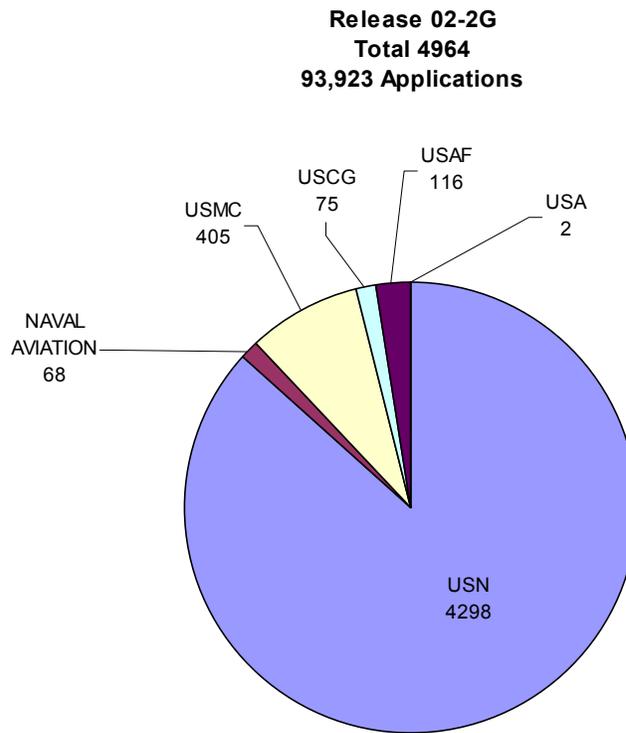


## TEST ROUTINE TOTALS

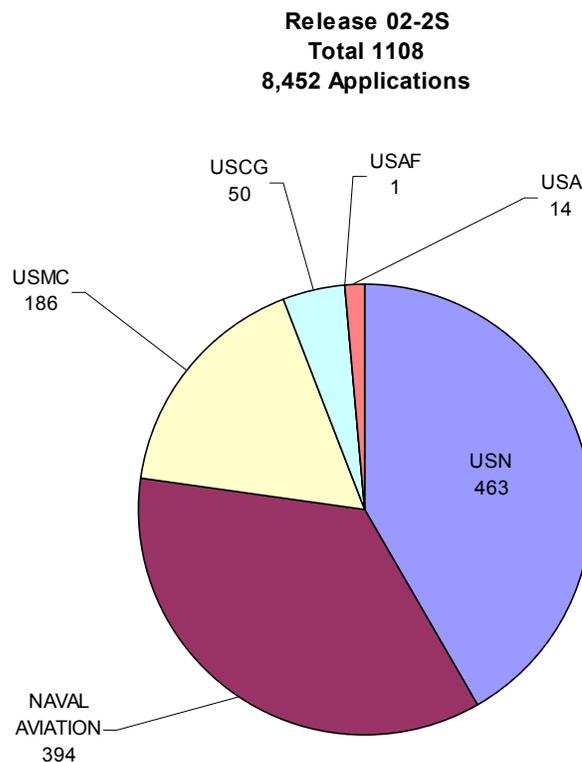
AS OF RELEASE 02-2



## GOLD TOTALS - RELEASE 02-2



## SILVER TOTALS - RELEASE 02-2



## FLEET GOLD DISK CANDIDATES (2394)

	<u>AIRLANT</u>	<u>AIRPAC</u>	<u>SUB LANT/PAC</u>	<u>SURFLANT</u>	<u>SURFPAC</u>	<u>FTSCLANT</u>	<u>TOTAL</u>
NOMINATED	248	23	252	1380	468	23	2394
COMPLETED	139	1	126	906	161	7	1340
IN DEVELOPMENT	27	1	27	92	36	0	183
AWAITING TD/CCA	45	17	56	220	226	0	564
CLOSED (NOT TESTABLE/ REPAIRABLE)	37	4	43	162	45	16	307

18 June 2002

FY 01      NOMINATED:      2245  
                  COMPLETED:      1093



## DOD GOLD DISK DEVELOPER ACTIVITIES USN/USMC/USCG/USAF/USA (26)

<u>SERVICE</u>	<u>TYPE DEVELOPER</u>	<u>QTY</u>
USN	ISEA (Civilian)	3
	Military (Surface/Submarine)	14
	Military (Naval Air)	TBD
	ISEA (Naval Air)	1
USMC	ISEA (Civilian)	2
	Military (Ground)	1
USCG	Military	1
USAF	Regular	TBD
	Air Reserve	TBD
US ARMY	Military	4
SPEC FORCES	Military	TBD



## NEW DOD GOLD DISK DEVELOPER ACTIVITIES USN/USMC/USCG/USAF/USA

### < FY01:

- **COMPLETED:**

- **USS DWIGHT D EISENHOWER**
- **SIMA MAYPORT**

### < FY02

- **COMPLETED:**

- **ACU 5**
- **PCU RONALD REAGAN**



## NEW DOD GOLD DISK DEVELOPER ACTIVITIES USN/USMC/USCG/USAF/USA

< **FY02**

- **COMPLETED:**
  - **TPS CENTER (AMCOM)**
  - **ARMY 1110TH SIGNAL BN**
  - **ARMY 58TH SIGNAL BN**
  - **ARMY 5TH SIGNAL BN**



## PROGRAM/POLICY CHANGES

### < CD/DVD

- DVD DRIVE CAN READ BOTH CD-ROM AND DVD
- NEW CONTROLLERS (HAVE DVD DRIVES)
- DISTRIBUTION (DVD/CD)
  - DVD DISTRIBUTION BEGAN WITH CD-ROM 02-1 (APR 02)
  - LAST CD-ROM (TBD) (WAS SKED FOR CD-ROM 02-3)
- USMC GROUND COMPLETE
- US ARMY COMPLETE
- NAVSEA SPONSORED TO BE COMPLETED BY OCT/NOV 02



## PROGRAM/POLICY CHANGES

### < CHANGE OF TERMINOLOGY

- TEST ROUTINES
  - GOLD DISK TEST ROUTINES
  - SILVER DISK TEST ROUTINES
  - PINPOINT TEST ROUTINES
- CD-ROMs/DVDs
  - CHANGE OF ARTWORK
    - + NO LONGER GOLD OR SILVER IN COLOR
    - + COLOR BLUE (NEUTRAL COLOR)
    - + GOLD/SILVER/PINPOINT TEST ROUTINES WILL BE ON SAME CDs/DVDs



## CNO GOLD/SILVER DISK AWARDS PROGRAM

- < ESTABLISHED OCT 96 AS QUARTERLY AWARD
- < COMMENCING APR 97 AS MONTHLY AWARD
- < INCLUDES:
  - LETTER OF COMMENDATION FROM DCNO (LOGISTICS)
  - \$500 CASH AWARD (NET)
- < AS OF JUNE 02, THERE HAVE BEEN 65 RECIPIENTS
- < OPEN TO:
  - USN
  - USMC
  - USCG



## CNO GOLD/SILVER DISK AWARDS PROGRAM

### < CRITERIA:

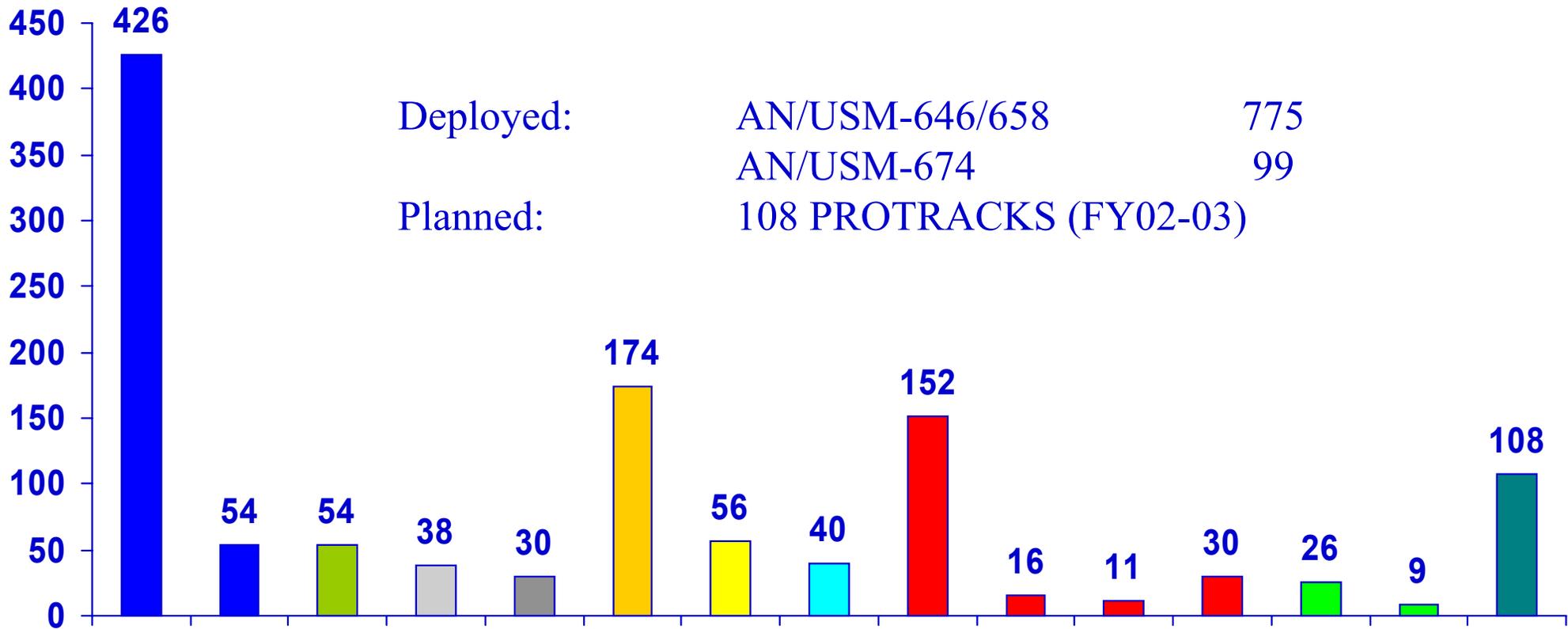
- MUST HAVE ANNUAL COST AVOIDANCE > \$15k
- EITHER GOLD OR SILVER DISK
- BASED ON QUALITY OF GOLD DISK
- OPEN TO DEVELOPERS OR NON-DEVELOPERS

### < FY02 ANNUAL GOLD DISK AWARD RECEIPIENT

- MALS 14/MCAS CHERRY POINT



## AN/USM-646/674 Deployments



Deployed: AN/USM-646/658 775  
 AN/USM-674 99  
 Planned: 108 PROTRACKS (FY02-03)



Totals: Jun 19, 2002



## AN/USM-674(V) PROVISIONING

**AN Nomenclature - Test Station, Electrical/Electronic  
Two Configurations**

**AN/USM-674(V) 1 - Desk Top Controller**

**AN/USM-674(V) 2 - Notebook Controller**



## AN/USM-674 (V) PROVISIONING

### Federal Stock Numbers Assigned

- AN/USM-674(V)1 - 6D6625-01-484-9160
- AN/USM-674(V)2 - 6D6625-01-493-9686
- ProTrack Model 20A with Scanner I - 7Z6625-01-481-1988

### Allowance Parts Lists (APLs)

- 00041992 - Analyzer, Analog
- 00041997 - Scanner, Microcircuit
- 00041994 - Accessory Kit
- 00041995 - Notebook
- 00041996 - Printer, Portable Color Inkjet
- 00038031 - Controller, Pentium
- 00038021 - Printer, Dot Matrix



## SCLISIS/CDMD-OA

### Ships Configuration and Logistic Support Information System (SCLISIS)

- Navy's only official configuration database
- Designed to improve the configuration and logistics management and control processes for navy ships and shore activities
- Addresses all configuration-worthy items and aids in technical data reviews and equipment configuration audits
- Based upon SCLISIS transactions, Navy Inventory Control Points (NAVICPs) distributes Allowance Parts Lists, calculates allowance changes and distributes repair parts to ships
- NAVUNSEAWARCENDET FEO Norfolk assigned as MTR Program CDM
- Configuration Data Managers' Database - Open Architecture used to forward maintenance transactions to SCLSI database



## MTR PIECE PART INVENTORY PROGRAM

### MTR Piece Part Inventory Software Program

- Interactive data base of APL piece parts designed to provide inventory management at work center level
- Allows parametric search capabilities for resistors and capacitors
- To be deployed to the Fleet in FY03 (Conform with MS2000)



## MTR PIECE PART ALLOWANCE PARTS LISTS

### Definitions

#### Baseline APL

- Based on initial Fleet-wide demand 2M/MTR data and **410** Gold Disk

#### Augmented APL

- 2M/MTR piece parts determined through latest Gold Disks piece parts (Release 01-3), Fleet usage data taken from the MTRTS and TYCOM recommendations that are applicable to a given ship grouping
- Augmented APLs up-dated annually to add Fleet-wide demand data taken from the MTRTS, TYCOM recommendations and latest Gold Disk releases

**A listing of all MTR piece part APLs can be viewed at  
NAVUNSEAWARCENDET FEO NORFOLK'S web site:**

**<https://www.nor.nuwc.navy.mil/mtr>**



## Department of Defense Module Test and Repair Manuals [AN/USM-646(V), AN/USM-658(V), AN/USM-674(V)]

### DOD MODULE TEST AND REPAIR USERS MANUAL

- Combines all MTR Workstation versions in a single manual
- **Completed FY-02**

### - DOD MTR GOLD DISK TEST ROUTINE DEVELOPMENT REQUIREMENTS MANUAL

- Specifies Procedures for Gold Disk Test Routine Development utilizing:
  - Huntron ProTrack I Model 20A [AN/USM-674(V)]
  - Huntron 5100DS [AN/USM-646(V)]
  - Huntron RP-388 Robotic Prober [AN/USM-658(V)]
- **To be completed FY-03**



Department of Defense Module Test and Repair Manuals  
[AN/USM-646(V), AN/USM-658(V), AN/USM-674(V)]

- DOD PROTRACK I MODEL 20A/PROTRACK SCANNER I  
TECHNICAL REFERENCE AND OPERATORS MANUAL
  - Details Huntron ProTrack I Model 20A Maintenance Procedures
  - **Completed FY-02**
  
- USER'S LOGISTIC SUPPORT SUMMARY for AN/USM-674  
SERIES TEST STATION, ELECTRICAL/ELECTRONIC
  - Briefly covers all aspects of the AN/USM-674 workstation
  - **Distribution FY-03**



## MTR Test Equipment Operators Course

NUWC DET FEO NORFOLK is working in conjunction with FTC Norfolk (C<sup>2</sup>M<sup>2</sup>) to incorporate the AN/USM-674(V) into the training curriculum for COI A-100-0076.

CNET approval of the updated COI and implementation of AN/USM-674(V) training systems will change the course name. The AN/USM-646 Test Measuring and Diagnostic Equipment Operator/Maintenance Course will become the MTR Test Equipment Operators Course. The name change accommodates implementation of future MTR workstation upgrades to the training curriculum.



## MTR Test Equipment Operators Course

Upon receipt of the AN/USM-674(V) workstation, current AN/USM-646(V) users will also receive a Difference Training CD-ROM.

The Difference Training CD-ROM shows how to utilize the enhanced capabilities of the Protrack I Model 20A/Protrack Scanner I thus allowing the technician to immediately begin using the upgraded workstation.

