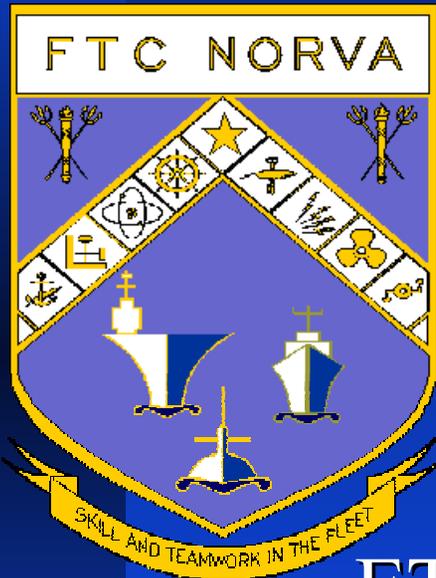


# Fleet Training Center Electronics School, Norfolk, VA



**Primary NEC ET-1591  
Training Pipeline  
Considerations**



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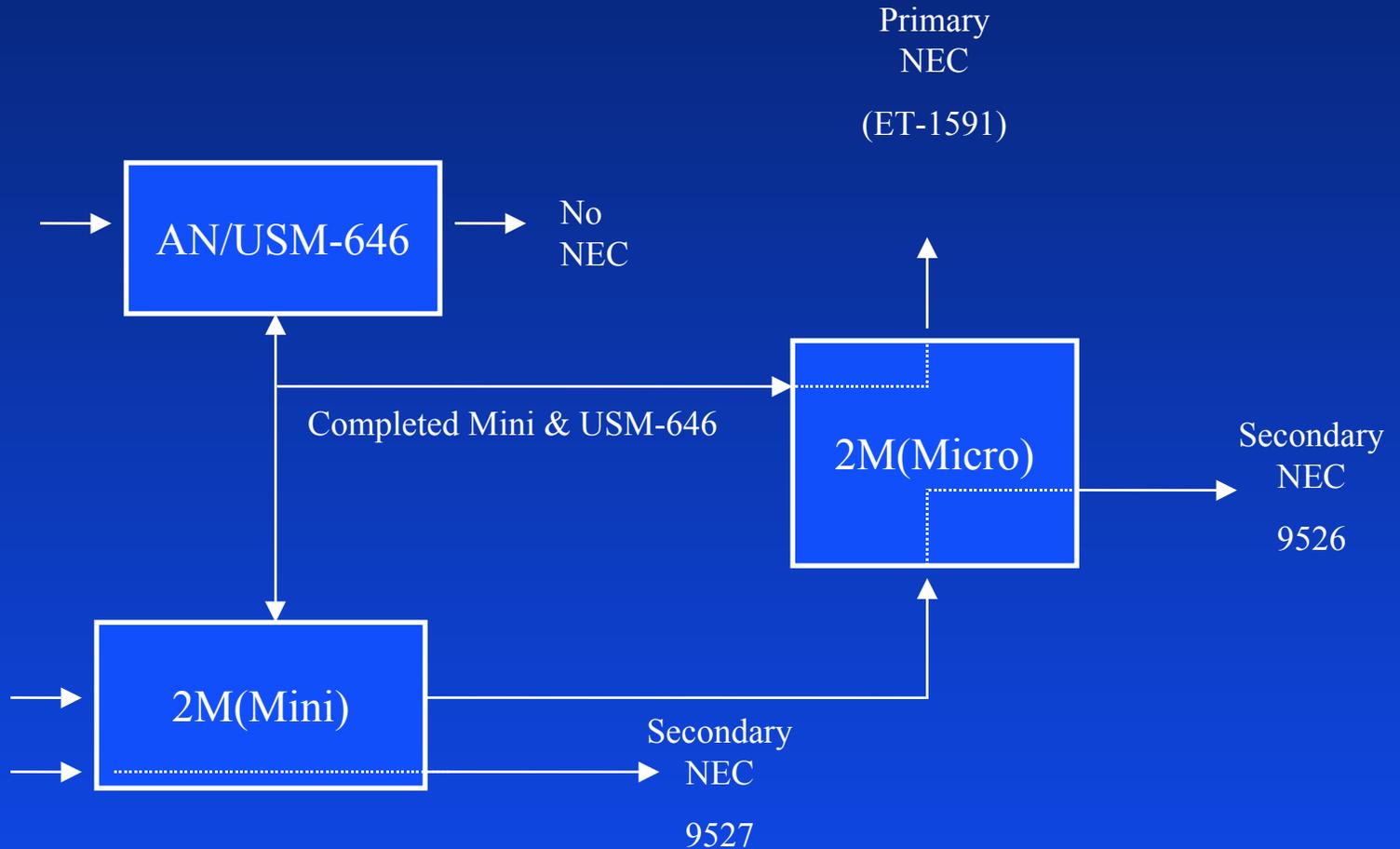
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# Planned FY03 Student Throughput

<u>Course</u>	<u>Convenings</u>	<u>Class Size</u>	<u>Total</u>
Mini	22	12	264
Micro	15	8	120
AN/USM-646	16	12	192

- In order to arrange pipeline courses, only a certain number of convenings can be scheduled corresponding to course lengths and classroom availability.
- The current limit on pipeline scheduling would be about 16 classes based on AN/USM-646 convenings.
- Maximum would probably not be more than 16 classes per year.
- Limits would also include number of students in pipeline versus smallest class size: NAVSEA=8.
- Any additional convenings of any courses would require an increase in instructor billets.

# TRAINING PATHS FOR EXISTING AND NEW 2M/MTR NEC CODES



# Current Path for NEC 1591

■ A-100-0072	NEC 9527	4 Weeks
■ A-100-0073	NEC 9526	2 Weeks
■ A-100-0076	No NEC	1 Week
■ Total for NEC 1591		7 Weeks

# Proposed Path for NEC 1591

- A-100-0073      NEC 9526      5 Weeks  
(Combine COI A-100-0072 and A-100-0073 into one course under the Micro CIN and NEC. All future Technicians would be qualified for all repairs currently labeled “Mini” or Micro’.)
- A-100-0076      No NEC      1 Week
- Generate Pipeline CIN for NEC 1591 which combines A-100-0073 and A-100-0076
- Total for NEC 1591      6 Weeks

# Adjustments to “Mini” COI

- Currently Miniature Electronic Repair 20 Days of Instruction (DOI) or 4 Weeks
- Final PT would be changed from 5 days to 3 days consisting of the Micro-Recertification IAW the 2M Certification Plan
- Total Time of instruction reduced to 18 DOI or 3 Weeks, 3 Days

# Adjustments to “Micro” COI

- Micro Electronic Repair 9 Days
- No “Introduction Day” -1 Day
- Multilayer Final Grade is 2<sup>nd</sup> Layer Conductor Replaced (as in the Micro Recertification) -1 Day
- Total DOI for Micro reduced to 7 Days
- Total combined time for new course is 25 DOI or 5 Weeks

# Problem Areas

- “What happens to the Technicians in the Fleet that don’t meet the future requirements?”
  - Technicians can attend Modules (1 week for Micro requirements and 1 week for “646” requirements) of the 1591 COI to meet requirements.
  - School Houses with separate “646” classrooms can schedule difference course during to gain Micro or “646” requirements.
  - Seats would be available for “646” if NAVAIR does not utilize the 1591 Pipeline.

# Benefits of 1591 Pipeline

- Reduced training time for technician
- A more qualified Technician for the Fleet
- Reduced Fleet Man Power requirements
- More efficient and effective repairs by having the same technician involved from start to finish
- Increase in detail and amount of reporting repairs which will help in tracking repair data

# Benefits of 1591 Pipeline (Cont)

- Reduced Equipment Cost by no longer having the need to supply a separate Mini and Micro station
- Excess stations can be used for New outfit
- Cross Utilized Instructor qualifying time reduced

# 1591 Pipeline Start-up Requirements for FTC Norfolk

- FTC Norfolk (In development)
  - Compile curriculum for 1591 Pipeline
  - Complete required CIN paperwork
  - Block out schedule to run 1591 Pipeline Pilot course.

# Other 1591 Pipeline Start-up Requirements

## ■ 2M ISEA

- Supply additional hand pieces and additional hardware to convert Mini station to Micro station

## ■ Program Manager

- Inform TYCOMs of pipeline course and future training developments

## ■ “646” ISEA

- Future outfit of additional classroom for school houses capable of running simultaneous classes

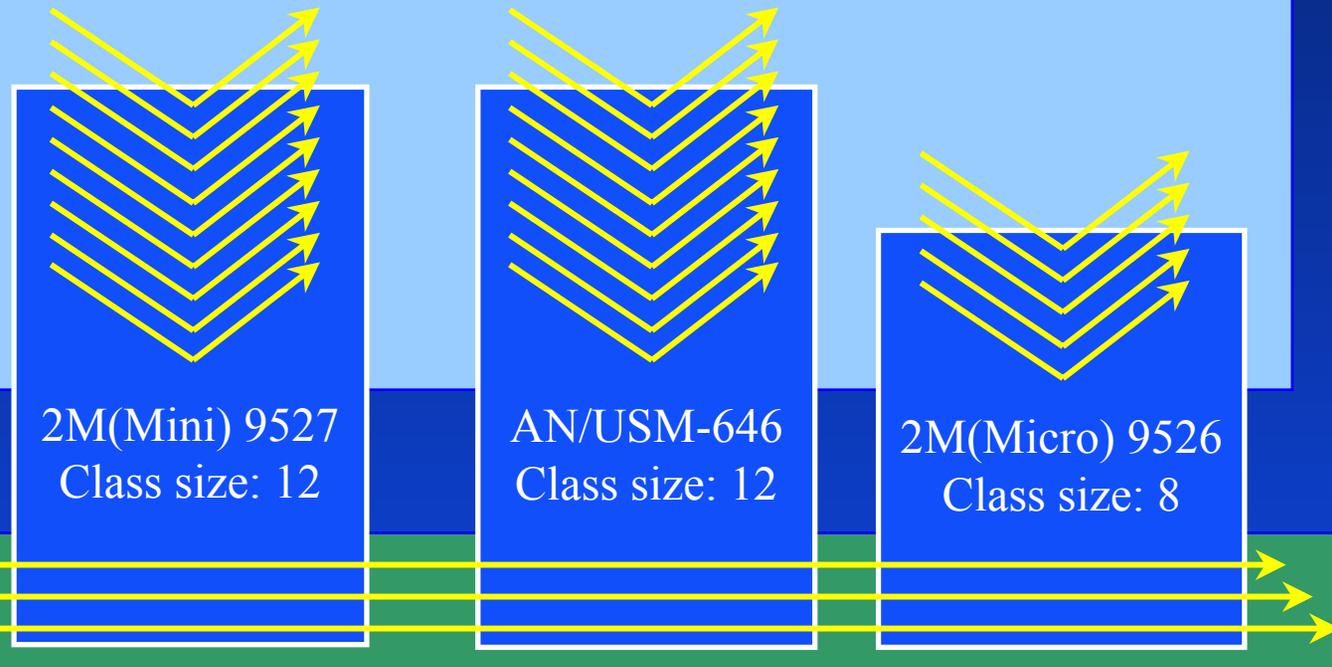
# Other 1591 Pipeline Start-up Requirements (Cont)

## ■ All Training Sites

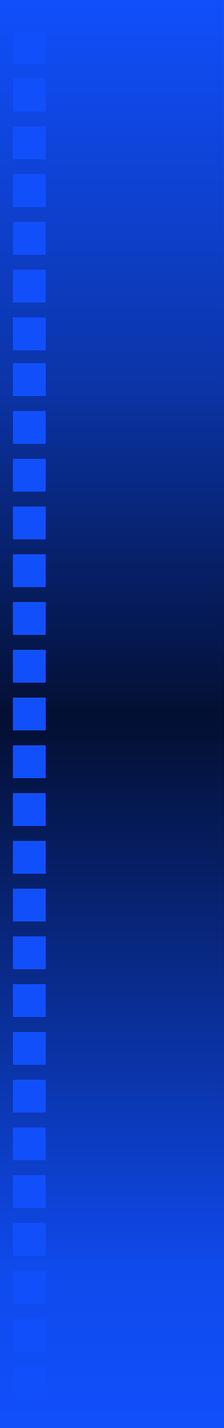
- Review classroom schedule and manning to determine if feasible at training site
- Determine conflict areas and solution to overcome
- Review Lesson Topics for reduction in actual training time
- Send Pilot Course representative

# PROPOSED TRAINING PIPELINE SCHEDULING FOR NORMAL AND PRIMARY 2M MTR NEC CODES

A la cart quotas as before, all courses, distributed surface, NAVAIR, TAR, Marine Corps, Coast guard, FMS, civilian.



8 NAVSEA students in the class would be pipelined for the 1591 NEC. The other 4 would be NAVAIR personnel who would only complete the 2M portion. The follow on MTR COI would then have 4 open seats for existing Micro Techs in the Fleet. Separate difference courses for Micro and MTR COI would be provided Fleet Mini Techs or Micro Techs.



Questions?