

ABD 19 SEPT 1975

USS RAY (SSN653)

SUBMARINE QUALIFICATION/REQUALIFICATION CARD

NAME: MARKS DANIEL RATE: ETR2 SSN: _____

DATE REPORTED: 5 SEPT 75 DIV: RC PREVIOUS QUALS: NONE

REQUIRED POINTS / WEEK: 4
PHASE I COMPLETION DATE: 4 OCT
PHASE II COMPLETION DATE: 24 SEPT 75
PHASE III COMPLETION DATE: 14 NOV 75
PHASE IV COMPLETION DATE: _____
FINAL QUALIFICATION DATE: _____

PHASE I - GENERAL SUBMARINE ORIENTATION

1. Ship's Organization and Regulations
2. Safety Requirements
3. Battle Stations Procedure
4. First Aid
5. Security
6. Propulsion Plant Procedures
7. Radiation Protection
8. Atmosphere Control
9. Watchstation Orientation/Indoctrination
10. Supply Procedures

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- (2) [Signature] ETN-2(S)
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- (1) [Signature] HGC(SS)

PHASE I - Exam CPO OFFICER [Signature]

PHASE II - DAMAGE CONTROL EQUIPMENT AND DAMAGE CONTROL

1. Damage Control
2. Emergency Bills Inport and Underway
3. Bow Compartment and Torpedo Room Electrical Equipment Isolation
4. ML OPS and Watchstation Electrical Equipment Isolation
5. Interior Communications Systems
6. Sound Powered Phone Talker Qualification

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PHASE II - Exam CPO OFFICER [Signature]

PHASE III - DEPARTMENT AND WATCHSTATION QUALIFICATION DEPARTMENT HEAD [Signature]

11/20/75
6/22/76

PHASE IV - SHIP CONSTRUCTION AND SYSTEMS

CATEGORY I

MARKS

SECTION 1 - BASIC SHIP SYSTEMS

- 1. Trim System
- 2. Drain and Auxiliary Drain Systems
- 3. Hovering System
- 4. Ventilation System
- 5. Main and Vital Hydraulic System

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Section 1 - Exam CPO OFFICER [Signature] ENCLOS 30-11-76

SECTION 2 - AIR SYSTEMS

- 1. H. P. Air System
- 2. Service Air System
- 3. EAB Air System
- 4. MBT H. P. Blow System
- 5. MBT L. P. Blow System

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Section 2 - Exam CPO OFFICER [Signature] 12-6-76

SECTION 3 - ELECTRICAL SYSTEMS

- 1. Basic AC and DC Distribution
- 2. 400 Hertz Distribution
- 3. Normal and Emergency Lighting

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Section 3 - Exam CPO OFFICER [Signature]

SECTION 4 - GENERAL SYSTEMS

- 1. Tanks
- 2. Salvage Air
- 3. Magazine and Pyrotechnic Flooding System
- 4. Escape and Rescue Systems

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Section 4 - Exam CPO OFFICER [Signature]

CATEGORY II

- 1. Masts and antennas
- 2. External Hydraulics
- 3. Snorkel System
- 4. Steering and Diving
- 5. Diesel

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ENCLOSURE (1) to RAYINST 1510.1C

MARKS

6. Auxiliary Sea Water System
7. Air Conditioning and Refrigeration
8. Auxiliary Fresh Water System
9. Potable Water System
10. Anchor and Windlass
11. Signal Ejectors
12. Messenger Buoys
13. Sanitary and Gravity Drain System
14. Fuel Oil and Compensating Water System
15. Bridge and Topside
16. ESM
17. Sonar
18. Fire Control
19. Radio
20. Weapons
21. Navigation

- (1) Amias
- (1) K.G. Hartline
- (1) Amias
- (1) Amias
- (1) W. Schultz
- (1) OC Bauman ET (SS)
- (1) Bandy
- (1) W. Schultz ET (SS)
- (1) Amias
- (1) Amias
- (1) James H. [unclear]
- (1) OC Bauman STS (SS)
- (1) CRJ [unclear]
- (1) OC Bauman
- (1) Blair [unclear]
- (1) Amias

Category II - Exam CPO
OFFICER

John [unclear]
John [unclear]

CATEGORY III

COMPARTMENT WALK THROUGH

1. Bow Compartment
2. Operations Compartment
 - Upper Level
 - Middle Level
 - Lower Level
3. Reactor Compartment
4. AMR-2
5. Engine Room

- (3) OC Bauman ET (SS)
- (3) John [unclear]
- (2) John [unclear]
- (3) John [unclear]
- (2) OC Bauman ET (SS)
- (3) OC Bauman ET (SS)
- (3) OC Bauman

Category III - Exam CPO
OFFICER

John [unclear]
John [unclear]

PHASE V - FINAL EXAMS

Qualification Board
Qualification Officer
Executive Officer

Senior Member

John [unclear]
John [unclear]
John [unclear]

CERTIFICATION

1. ETI MARKS is hereby designated qualified in USS RAY and qualified/~~requalified~~ in submarines.

John [unclear] 2/14/77
Commanding Officer Date

ENCLOSURE (1) to
RAYINST 1510.1C