

NAVSHIPS 708 (Rev. 3-53)



# SERVICE RECORD

OF

**SPERRY**

(Name of make)

GYRO-COMPASS, U. S. N.

MARK XIV MOD. I

No. -----

NAVSHIPS 708 (Rev. 6-53)



# SERVICE RECORD

OF

SPERRY

(Name of make)

GYRO-COMPASS, U. S. N.

MARK XIV Mod. I

No. \_\_\_\_\_

## INSTRUCTIONS

1. The Service Record Book and Name Plate will be kept with, and transferred with, the Master Gyro-Compass.
2. No changes or alterations will be made in a gyro-compass equipment without express authority of the Bureau of Ships.
3. Whenever any trouble is experienced with the gyro-compass equipment a detailed description of the trouble, together with the assigned cause, will be entered chronologically on the pages headed "Inspection, overhaul, and repair."
4. Should the exigencies of service prevent the routine inspections prescribed by the BuShips Manual, an entry, together with the reasons therefor, will be made.
5. All inspections, overhauls, and repairs will be entered on pages provided for this purpose at the time of completion of the work. All material used in overhauls and repairs will be listed.

16-19308-2

## INSPECTION, OVERHAUL, AND REPAIR

Whenever inspections, overhauls, or repairs are made, the following information shall be entered below:

1. Date.
2. Results of the inspection.
3. Reason for the overhaul or repair.
4. Description of the work done.
5. Data and recommendations for future reference.
6. Repair activity.
7. Signature.

1. 10 NOV 1965

2. Gyro pilot inoperable

3. Rudder would not correct  
ship's head to the course.

12 NOV 1965

Contacted Sperry representative  
to inspect gyro on Monday 15 NOV

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15 NOV 1965

SPERRY REP. FOUND REPEATEDLY  
MOTOR WIRED INCORRECTLY.  
MADE NECESSARY REPAIRS,  
TESTED WITH SECOND OFFICER,  
FOUND SATISFACTORY  
RANGE OBSERVATIONS - 0.5 WATT

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18 NOV 1965 - SEA TRIALS SAN FRAN  
Zn  $\varnothing$  =  $1^{\circ}W$

SAN FRAN - NARIA, OKIN. SET  $37^{\circ}N$ - $17^{\circ}E$   
30 NOV 1965.  $A_2$   $\varnothing$   $0^{\circ}7E$   
30 NOV 1965  $A_2$   $\varnothing$   $0.6E$   
1 DEC 1965  $Z$   $\varnothing$   $0^{\circ}7E$   
2 DEC 1965  $Z$   $\varnothing$   $0^{\circ}1E$   
2 DEC SET TO LAT  $30^{\circ}N$ , Spd 15  
3 DEC 1965  $Z$   $\varnothing$   $0^{\circ}2E$   
5 DEC 1965  $Z$   $\varnothing$   $0^{\circ}3E$   
6 DEC 1965  $Z$   $\varnothing$   $0^{\circ}2W$  (?)  
8 DEC 1965  $Z$   $\varnothing$   $0^{\circ}3E$   
11 DEC 1965  $Z$   $\varnothing$   $0^{\circ}$   
13 DEC 1965  $Z$   $\varnothing$   $0^{\circ}3E$

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17 DEC. ~~0900~~ NAHA - QUINN  
0933 HM LOST SHIP'S POWER AND  
LOCK ON THE CYRO. LOCKS ON  
0936 ON SHIP'S POWER. LOCKS SET  
0937. 0941 CYRO HEAD  
PRECESSEN TO APPROX. S. H. 236.  
SET TO LAT 20°N 50°E 17KG

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31 DEC 0800 ZN 2° N

31 DEC 1000 SET SPD 9.2.15

31 DEC 1500 SET LAT 15 SPD 10

31 DEC 1030 ZN 0.7 E

31 DEC 1710 AMP 0 0.4 W

32 DEC SET LAT 30° N SPD 18

28 Dec - 7 Jan

DAILY ALT & AMP 0.5 E or 0°

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14 Feb. 1966 -  
At YOKOHAMA GYRO TECH.  
ABD. TO CHECK MASTOR GYRO  
TO FIND CAUSE FOR GYRO SWING  
OFF BALANCE AT 364 2 DAYS  
EARLIER. Checked MASTOR GYRO  
& AMPLIFIER PANEL. ADJUSTED  
VOLTAGE REGULATOR. NOTHING  
FOUND WRONG WITH MASTOR GYRO.

J. M. Chasten

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3 May 1966

CLEANED & OILED AS PER INSTRUCTION

BOOK: OIL LEVEL REFILLED

R. L. Jaykin Jr.