

OFFICE OF THE INDUSTRIAL MANAGER, USN
FIFTEENTH NAVAL DISTRICT

Balboa, Canal Zone

23 September 1942

S81-6(19)ND15

RESTRICTED

From : The Industrial Manager, USN.
To : The Chief of the Bureau of ships.
Subject : Degaussing Installation, Inspection of.
Enclosure: (A) Inspection Report Number 380
of the S. S. ABIEL FOSTER

1. Enclosure (A) is forwarded for the Bureau's information and file.

H. S. JEANS

J. M. SCHELLING

M. M. — DG Inspection:

Copy to:

OpNav. — Maint. Section ✓
BuOrd
Maint. & Rep'r Div.
War Shipping Adm.
Master

Navy DG Inspection:

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OpNav. — Maint. Section
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Task Force Com. — via CO
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SEP 26 1942

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NAVY DEPARTMENT

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Authority WNO 750161

DEGAUSSING COIL SECTION-PACIFIC

Maintenance Inspection (15th ND)

RESTRICTED

Pacific Inspection Report No. 380

Date 23 September 1942

U. S. Merchant Marine Ship (X)

U. S. Navy Ship ()

1. On 22 September 1942 at an inspection of the degaussing installation on the S. S. ABIEL FOSTOR was made at Balboa, C. Z.

2. The inspection party consisted of:

- (a) B. O. Bowlus CEM
- (b) C. H. Poor Ch. Eng.
- (c) J. L. Stemens F2/c
- (d)

3. The installation is known as permanent, 120 volt, single M coil with rheostat control.

4. Degaussing plans and specifications were on board.

5. Conversation with the Officer-in-Charge and inspection of the ship's records indicate that this ship was last calibrated at Sydney, Australia, on 19 July 1942.

6. Insulation resistance of the coils was measured with a Megger which read as follows:

M-coil	2.9	Megohms.	F-coil	Megohms.	Q-coil	Megohms.
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7. Current flow was found to be correct by compass test.

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8. A check of the coil runs revealed that they were in channel below decks.
9. Remote ammeters, ~~and controls have~~ is installed in chart-room.

10. Communication between Bridge and Control Panel (Engine Room) is by

11. Ammeters:

	M	F	Q	A
Range (amperes)	100-0-100			
Remote	80-0-80			
Amps/scale div.	5			
Remote	4			
% of discrepancy between Local & Remote ammeter readings				

12. Compass Coils: Mark I installed on steering compass. Checked satisfactorily. Adjustment not required.
13. Inspection of D.G. control panel revealed that it was protected mechanically and electrically, and well labeled. Discharge resistors are installed.
14. Remarks: M chart requested.

ACTION: Cristobal Mole advised to furnish M chart after transit ranging.