

OFFICE OF
INDUSTRIAL MANAGER, USF
Balboa, Canal Zone

22 May 1942

S81-6(19)/ND15

RESTRICTED

MAY 27 42 PM

OP 23



RECEIVED
NAVY DEPARTMENT
SECY'S OFFICE - RECORD DIV.

From: The Industrial Manager
To: The Chief of the Bureau of Ships
Subject: Degaussing Installation, Inspection of.
Enclosure: (A) Inspection Report Number 35 of the
S.S. ABANGAREZ

4538 GTJ

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

AGD
LCC
TON
GH

J. M. SCHELLING

141

M.M.-D.G. Inspection:

Copy to:
OpNav.-Maint. Section. ✓
BuOrd
U.S. Maritime Comm., Wash., D.C.
Master

Navy D.G. Inspection:

Copy to:
OpNav.-Maint. Section.
Task Force Com.-Via CO
BuOrd
CO



MMDG
Form 8

DEGAUSSING - COIL SECTION
Maintenance Inspection (15th ND)
DEGAUSSING STATION - COCO SOLO

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Atlantic Inspection Report No. 35 Date 5/22/42

Merchant Marine ship (x) U. S. Naval Ship ()

1. On 5/19/42 at 1400 an inspection of the degaussing installation on the SS Abangarez was made at Cristobal
United Fruit

2. The inspection party consisted of:

(a) Begley, J. J. C. E. M.

(b)

(c)

(d)

3. The installation is known as 110 volt permanent. M coil of three loops. Maximum current 69 amperes.

4. Degaussing plans and specifications are on board

5. Conversation with the officer-in-charge and inspection of the ships' records indicate that this ship has been calibrated on 3/3/42 at Wolf Trap. Constants are as follows: A=50 B=29

6. Insulation resistance of the coils was measured with an Ohm-meter which read as follows:

M-coil 600,000 Ohms F-coil x Ohms Q-coil x Ohms

7. Current flow was found to be in positive direction by compass test.

8. A check of the coil runs revealed that Secured in rigid conduit as per specifications by Robins Drydock & Repair Co. Installed 2/27/42

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1942

Inspection Report No. (Cont'd)

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9. Remote ammeters, controls and telephone connections ~~have~~ been installed on bridge. Voice tube between bridge and engine room.
10. Compass Coils ~~have~~ been installed and adjusted. Compass error less than 3°.
11. Inspection of D.G. control panel revealed ~~permanently~~ installed on bridge. All markings of polarity correct. Cutout switch located in engine room.
12. Remarks: ~~Installation in good order. Cable should be logged where it passes through the coolers to prevent condensation of moisture.~~

ACTION: nature taken in Cristobal channel range.