

DATE: 10/7/14

From: Safety Health & Environmental Manager
To: Project Manager

Subject: EX-STEVEN W. GROVES (FFG 29) REFRIGERANT RECOVERY & UNITARY SYSTEMS INVENTORY

Ref. (a): NAVSHIPS Tech Manual Chapter 050-3.8.2 and 050-9.6.2

1. Reference (a) requires refrigerant recovery from Refrigerating Plants and Air Conditioning Systems in accordance with the Clean Air Act Amendment of 1990. In accordance with Ref(a), recovery of all refrigerants from the ships service refrigeration and air conditioning plants was accomplished on 29 August, 2012, All American Air.
2. The following refrigerant systems were identified aboard EX-STEVEN W. GROVES (FFG 29) and surveyed on 10/7/14.
3. Total number of items on inventory is 13.

SURVEYOR: R. Dorton

COMPARTMENT	NOMENCLATURE	REFRIGERANT	AMOUNT (oz.)	SYSTEM
1-180-0-L	Wardroom	401 A	3.75	Milk Machine
1-198-1-Q	Wardroom Pantry	404 A	Unknown	Reefer
2-152-2-L	Medical	404 A	Unknown	Reefer
2-180-0-Q	Galley	404 A	Unknown	Freezer
2-180-0-Q	Galley	404 A	Unknown	Freezer
2-180-0-Q	Galley	404 A	Unknown	Freezer
2-180-2-L	CPO Mess	404 A	28 oz.	Ice Machine
2-180-2-L	CPO Mess	404 A	Unknown	Reefer
2-188-1-Q	Galley Annex	R-404 A	Unknown	Freezer
2-212-0-L	Crew's Mess	404 A	4.50 oz.	Milk Machine
2-212-0-L	Crew's Mess	404 A	24oz	Ice Machine
2-212-0-L	Crew's Mess	404 A	Unknown	Reefer

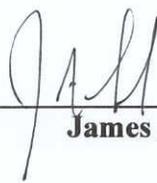
REFRIGERANT SURVEY

EX-STEVEN W. GROVES

FFG-29

PAGE 2 OF 2

COMPARTMENT	NOMENCLATURE	REFRIGERANT	AMOUNT (oz.)	SYSTEM
5-212-0-E	Aux Machinery Room. #2	R134A	0lbs.	AC Compressor #2 & #3


James A. Sirles, EHS Mgr.

Copy to: Inspection Department

**ALL AMERICAN AIR
1006 ELMWOOD AVENUE
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856-981-9990**

**GLOBAL
A 1ST FLAGSHIP COMPANY**

WORK PERFORMED:

Ex-Boone FFG-28: Recovered all Freon in AC plants, 120 lb. R-134A. Recovered all Freon in reefer plants 50 lb. R-134A. Pulled 27" vacuum in all units. Total oil recovered from ex-Boone out of these plants- 40 gal of oil. Removed compressor side covers and dried compressor.

Ex-Steven W. Groves FFG-29: Recovered all Freon in AC plants, 150 lb. R-134A. Recovered all Freon in reefer plants 50 lb. R-134A. Pulled 27" vacuum in all units. Total oil recovered from ex-Steven W. Groves out of these plants- 45 gal of oil. Removed compressor side covers and dried compressor.

Ex-John L. Hall FFG-32: Recovered all Freon in AC plants, 140 lb. R-134A. Recovered all Freon in reefer plants 25 lb. R-134A. Pulled 27" vacuum in all units. Total oil recovered from ex- John L. Hall out of these plants- 40 gal of oil. Removed compressor side covers and dried compressor.

Thank you for your business

**August 29, 2012
Invoice**