



MANAGEMENT SYSTEM MANUAL

ATL 8.8 RV ATLANTIS EQUIPMENT TO RE-SET AFTER POWER OUTAGE

Originator:

Kevin Fisk

Approved By:

J. L. Coburn, Jr.

1. Purpose

The purpose of this procedure is to establish a list of equipment on board R/V Atlantis that must be reset after all power outages.

2. Responsibility

The Chief Engineer on board is responsible for ensuring all listed equipment is reset after each power outage.

3. General

Below is a list of machinery/equipment that must be re-set once power has been re-stored to the Main 480 V Switchboard.

Equipment

Location

Envirovac-Vacuum System

Lower Engine Room (Ctr. Line, Fr. # 64)

General Service Pump # 1 and # 2

Lower Engine Room (Stbd., Fr. # 87)

Refrigeration Plant

(Whichever unit was operating)

Upper Engine Room (Port or Stbd, Fr. # 89)

Air Conditioning Plant

(Whichever unit was operating)

Upper Engine Room (Port, Fr. # 68)

Upper Engine Room (Stbd, Fr. # 84)

Chill Water Plant

(Whichever unit was operating)

Upper Engine Room (Port, Fr. # 72)

Following 480 VAC SWBD Circuit Breakers. Switchboard Rm. (1st Platform, Fr. # 74)

1) P- 406 (UPS alternative power supply)

2) P- 410

3) P- 415

4) P- 416

5) P- 417

6) P- 418

7) P- 419

8) P- 420

9) P- 421

10) P- 429 (once breaker is re-set, you need to re-set equipment feed from P- 429)



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Fuel Oil Purifiers

Lower Engine Room (Ctr. Line, Fr. # 89)

Lower Engine Room (Stbd., Fr. # 89)

Uninterrupted Power Supply

Switchboard Rm. (Stbd., Fr # 74)

Hot Water Recirculating Pumps

(total of 4)

1 02 Dk. Fan Rm. (Ctr. Line, Fr. # 66)

2 01 Dk. DC Locker (Port, Fr. # 16)

3 1st Platform, Fwd. (Ctr. Line, Fr. # 24)

4 1st Platform, Aft (Ctr. Line, Fr. # 55)

Ventilation Fans ship-wide

02 Deck

Fan Room 02-64-1_#1 – Exhaust Fan Ctr. Line, Fr. # 66

01 Deck

1 Air Handler # 2 (Ctr. Line, Fr. # 65)

2 Air Handler # 9 (Ctr. Line, Fr. # 18)

3 Galley Exhaust (Ctr. Line, Fr. # 63)

Reset dampers first (handles w/ dark red ball):

1 above griddle

1 outboard of convection oven

1 over stove / deep fat fryer

Main Deck

Dark Room 1-22-2 # 1 Air Handler # 3 (Fr. # 24)

Main Lab 1-26-1 # 1 Temp Air Fan # 18 (Fr. # 26)

2 Air Handler # 4 (Fr. # 52)

Hydro-Lab 1-64-2 # 1 Air Handler # 5 (Fr. # 67)

Wet Lab 1-76-1 # 1 Temp Air Fan # 16 (Fr. # 85)

Alvin Hanger 1-85-1 # 1 Exhaust Fan # 7 (Fr. # 85)

1st Platform

Passageway 2-47-0 # 1 Air Handler # 6 (Fr. # 62)

Switchboard Room 2-69-1 # 1 – Air Handler # 7 (Fr. # 71)

Alvin Storage Area 2-90-2 # 1 – Air Handler # 8 (Fr. # 90)

Tank Tops

Laundry Room 3-57-2 # 1 – Laundry Exhaust Fan (Fr. # 57)



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ONLY IF EQUIPMENT WAS OPERATING BEFORE POWER OUTAGE

Equipment

Auxiliary Salt Water Pump

Auxiliary Chill Water Pump

(Whichever unit was operating)

Auxiliary Air Conditioning Plant

Location

Pump Rm. (Ctr. Line, Fr. # 95)

Winch Rm. (Port, Fr. # 102)

Winch Rm. (Port, Fr. # 105)