

ORIGINAL

UNIT 2

SONGS MAINTENANCE ORDER NO: 08022321000



83/moc

CATEGORY: 70 - Work In Progress

REPETITIVE MAINT. NO. - 30002002000

INTERVAL - 01

FREQUENCY - W

RESPONSIBLE ORG: ELECTRICAL UNIT 2

MAINTENANCE TYPE: SV

EQUIPMENT ID: S21806EB007

RC: CB

CONST. CODE: N/A

PRIORITY: DD

SU SYSTEM: PKA ACCOUNTING DISTRIBUTION: 0121 7221

QC WITNESS/HOLD REQD: N

FUNC DESC: 125VDC STATION BATTERY 2D1

LOCATION. AREA: CB ROOM: 306E ELEVATION: 050 COLUMN: 18.5N1

QUAL CLASS: 2

\*\*\*\* NOTE: WORKLIST ATTACHED \*\*\*\*

DESCRIPTION:

WEEKLY 1E BATTERIES INSP.- UNIT 2

RCM-CRITICAL/TS/RCM. PNO/AR040201281-97

3/4/08

REMARKS:

New Add BCOX.

REQUESTOR DATA:

CREW CODE: EWO

DCP:

ENVIRN QUAL: N

PROJECT CODE:

SEIS: 1

REQUESTING DEPT: EL2

REQUESTOR NAME: (b)(6)

PAX: (b)(6)

REQUIREMENTS:

WORK AUTH REQD? N

FIRE PROT. ADMIN. REQD? Y

WORK AUTH TYPE? N

SECURITY REQD? N

ASME CODE WORK? N NO. N/A

SSR REQD?

MO TO DISP NCR? N NO. N/A

ENGINEERING REQD? N

TEMPORARY MOD.? N NO. N/A

FME REQUIREMENTS? N

FCN REQD? NO.

R.E.P. EVAL. REQD? N

ECP REQD? NO.

CREACUS BREACH? N

POOR QUALITY DOCUMENT  
BEST AVAILABLE COPY  
(b)(6)  
SIG: DOCUMENT ORIGINATOR DATE

SCHEDULING:

R.M. DUE DATE 3/4/2008 00:00

RITTS: DUE DATE 3/4/2008 06:00

VIOLATION DATE 3/6/2008 00:00

SCHEDULED START DATE 3/4/2008 00:30

SCHEDULED COMP DATE 3/5/2008 18:00

Handwritten signature and date 3/5/08

(b)(6)

MO OBJECTIVE:

Perform weekly inspection of 1E batteries.

08 02 23 21 - 0

Page 1 of 69

Handwritten signature

(WORK PLAN DETAIL CONTINUED)

WITH THE EXCEPTION OF SECTION 6.9, ON ALL WORK LISTED COMPONENTS.

2. VISUALLY INSPECT THE GENERAL APPEARANCE AND CLEANLINESS OF EACH BATTERY AND BATTERY AREA AS FOLLOWS:

- A. AS NECESSARY, WIPE THE CELL JARS, BATTERY RACKS, AND FLOOR WITH A SOLUTION OF BICARBONATE SODA AND COLD, DISTILLED OR DI WATER.
- B. WIPE AGAIN USING CLEAN DISTILLED OR DI WATER.
- C. VERIFY NON-ESSENTIAL EQUIPMENT AND DEBRIS HAS BEEN REMOVED FROM EACH BATTERY ROOM.

**PLANNING APPROVALS:**

	BY	DATE	TIME
FIRE PROTECTION REVIEW	(b)(6)	02/12/96	14:14:00
WORK PLANNED	(b)(6)	02/12/96	14:13:59
WORK PLANNED REVIEW	(b)(6)	02/12/96	14:26:45
WORK SCHEDULED	(b)(6)	02/27/08	06:39:43

**PROCEDURE LIST:**

PROCEDURE ID	REV	TCN
1 - S0123-I-2.2	007	002
Desc: 125 VDC PILOT CELL BATTERY INSPECTION		

**CRAFT INFORMATION:**

CRAFT CODE	CRAFT DESCRIPTION	QTY	ESTIMATED HOURS	ACTUAL HOURS
1 - EL	ELECTRICIAN	2.0	6.0	6
2 - SP	FIRST LINE SUPERVISOR	1.0	2.0	

**WORK DONE:**

Work Started: Date - 03/04/08 Time - 04:00

Graves: ① Perform Tech spec surveillance I.A.W. the Latest Rev + TCN of S0123-I-2.2

② Visually Inspect the general appearance of

08022321-0

(WORK DONE CONTINUED)

each Battery area. SFT  
2 EL x 3hr.

(b)(6)

08 02 23 21 - 0

---

## 1.0 OBJECTIVES

---

- 1.1 This procedure provides guidance for performing the Weekly 125 volt Battery Bank and Charger operability verification checks.
- 1.2 This procedure satisfies the surveillance requirements specified in the Unit 2 and Unit 3 Technical Specifications, LCO - SR, Sections 3.8.4.1, 3.8.5.1, 3.8.6.1, and Table 3.8.6-1 Category "A" Limits.
- 1.3 This procedure performed at least monthly, satisfies the requirements stated in IEEE Std. 450-1980.
- 1.4 This procedure is applicable to the 125 VDC Station Battery Banks.

---

## 2.0 REFERENCES

---

- 2.1 Refer to Attachment 1 for the Procedure Resource List.

---

## 3.0 PREREQUISITES

---

- 3.1 Before starting work, the user **SHALL** verify this procedure is current by referring to NDMS or one of the other methods listed in SO123-I-1.3.
- 3.2 Enter the following data:  
MO#  Unit  Equip Id:
- 3.3 This procedure **MAY** be performed while Equalize Charging the Battery Bank unless one of the conditions listed in Section 3.4 is true.

83- 08 02 23 21 - 0

**NOTE:** When taking Battery Bank Terminal Voltage, use a **Fluke 187** ( *equivalent or better* ) set on the **500V** range. *If necessary, reference Design Calc E4C-017.*

**6.2 Battery Bank Voltage**

**T/S REQUIREMENT**

6.2.1 Measure Battery Bank Terminal voltage. Record readings below.

ACCEPTANCE CRITERIA			
All 125 VDC Battery Banks:		$\geq 129.17$	VDC
		131.73	VDC
SAT	<input checked="" type="checkbox"/>	Go to Step 6.2.2.	UNSAT <input type="checkbox"/> Perform Corrective Actions as Follows.

- .1 Immediately notify your Supervisor of the "UNSAT" condition.
- .2 This Supervisor **SHALL** report a failed Surveillance according to Procedure SO123-I-1.3.
- .3 Notify the Engineer, and generate an AR.

INT: (b)(6)

*N/A* CHK CPL

*N/A* CHK CPL

*N/A* CHK CPL

48

08 02 23 21 - 0

SECTION CONTINUES ON NEXT PAGE 