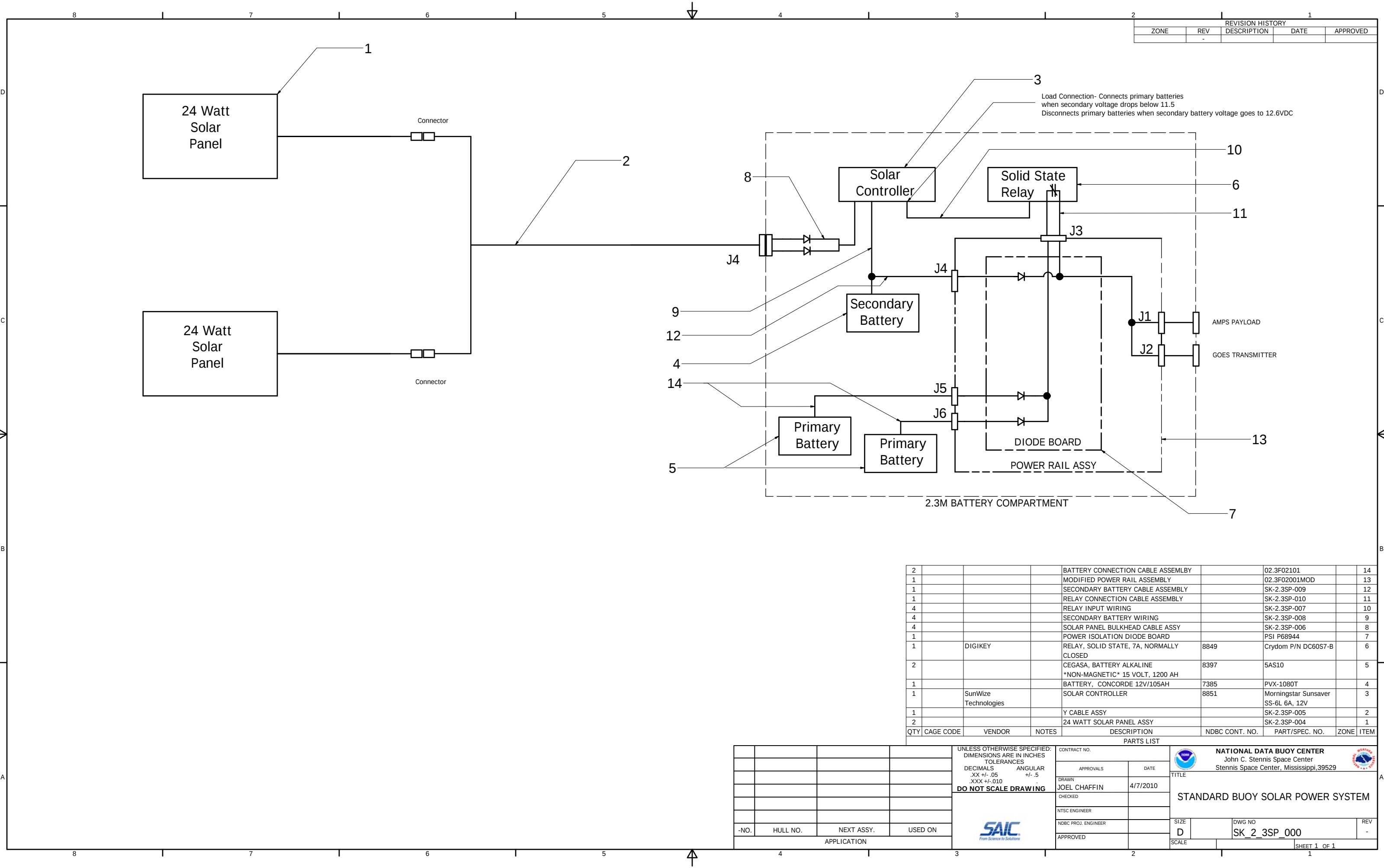




| REVISION HISTORY |     |             |      |          |
|------------------|-----|-------------|------|----------|
| ZONE             | REV | DESCRIPTION | DATE | APPROVED |
|                  | -   |             |      |          |

|     |           |                      |       |                                                             |                |                                    |      |      |
|-----|-----------|----------------------|-------|-------------------------------------------------------------|----------------|------------------------------------|------|------|
| 2   |           |                      |       | BATTERY CONNECTION CABLE ASSEMBLY                           |                | 02.3F02101                         |      | 14   |
| 1   |           |                      |       | MODIFIED POWER RAIL ASSEMBLY                                |                | 02.3F02001MOD                      |      | 13   |
| 1   |           |                      |       | SECONDARY BATTERY CABLE ASSEMBLY                            |                | SK-2.3SP-009                       |      | 12   |
| 1   |           |                      |       | RELAY CONNECTION CABLE ASSEMBLY                             |                | SK-2.3SP-010                       |      | 11   |
| 4   |           |                      |       | RELAY INPUT WIRING                                          |                | SK-2.3SP-007                       |      | 10   |
| 4   |           |                      |       | SECONDARY BATTERY WIRING                                    |                | SK-2.3SP-008                       |      | 9    |
| 4   |           |                      |       | SOLAR PANEL BULKHEAD CABLE ASSY                             |                | SK-2.3SP-006                       |      | 8    |
| 1   |           |                      |       | POWER ISOLATION DIODE BOARD                                 |                | PSI P68944                         |      | 7    |
| 1   |           | DIGIKEY              |       | RELAY, SOLID STATE, 7A, NORMALLY CLOSED                     | 8849           | Crydom P/N DC60S7-B                |      | 6    |
| 2   |           |                      |       | CEGASA, BATTERY ALKALINE<br>*NON-MAGNETIC* 15 VOLT, 1200 AH | 8397           | 5AS10                              |      | 5    |
| 1   |           |                      |       | BATTERY, CONCORDE 12V/105AH                                 | 7385           | PVX-1080T                          |      | 4    |
| 1   |           | SunWize Technologies |       | SOLAR CONTROLLER                                            | 8851           | Morningstar SunSaver SS-6L 6A, 12V |      | 3    |
| 1   |           |                      |       | Y CABLE ASSY                                                |                | SK-2.3SP-005                       |      | 2    |
| 2   |           |                      |       | 24 WATT SOLAR PANEL ASSY                                    |                | SK-2.3SP-004                       |      | 1    |
| QTY | CAGE CODE | VENDOR               | NOTES | DESCRIPTION                                                 | NDBC CONT. NO. | PART/SPEC. NO.                     | ZONE | ITEM |

-NO.

HULL NO.

NEXT ASSY.

USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
TOLERANCES  
DECIMALS .XX +/- .05  
ANGULAR +/- .5  
XXX +/- .010  
**DO NOT SCALE DRAWING**



CONTRACT NO.

APPROVALS  
JOEL CHAFFIN  
CHECKED  
NTSC ENGINEER  
NDBC PROJ. ENGINEER  
APPROVED

DATE  
4/7/2010

**NATIONAL DATA BUOY CENTER**  
John C. Stennis Space Center  
Stennis Space Center, Mississippi, 39529

TITLE  
**STANDARD BUOY SOLAR POWER SYSTEM**

SIZE  
**D**

DWG NO  
**SK\_2\_3SP\_000**

REV  
-

SCALE

SHEET 1 OF 1