





MASS PROPERTIES

MASS (UNITS: Kg)

| MASS | ITEM | DESCRIPTION |
|------|----------------------------|--|
| 5.72 | | IDPU BOX (EXCLUDING RADIATION SHIELD, BOX ATTACH HARDWARE, & CABLES TO S/C) |
| 2.28 | REMOVABLE RADIATION SHIELD | RADIATION SHIELD AND SHIELD ATTACHING BOLTS |
| 8.0 | TOTAL | IDPU BOX, INCLUDING RADIATION SHIELD (EXCLUDING BOX ATTACH HARDWARE & CABLES TO S/C) |

CENTER OF MASS (INCHES FROM ORIGIN)

| СМ | ITEM | DESCRIPTION |
|-----|----------|---|
| TBD | IDPU BOX | IDPU BOX, INCLUDING RADIATION SHIELD (EXCLUDING BOX ATTACH HARDWARE & CABLES TO S/C) |

MOMENT OF INERTIA (ABOUT BOX CG)

| Mol | ITEM | DESCRIPTION |
|-----|----------|---|
| TBD | IDPU BOX | IDPU BOX, INCLUDING RADIATION SHIELD (EXCLUDING BOX ATTACH HARDWARE & CABLES TO S/C) |

HARDWARE PROVIDER MATRIX

| ITEM | QTY | DESCRIPTION | PROVIDER |
|------------------|-----|---|----------|
| IDPU BOX | 1 | IDPU BOX, RADIATION SHIELD, ATTACH BOLTS HOLDING SHIELD TO BOX, ALL BOX THERMAL COATINGS | UCB/SSL |
| CHO-SEAL GASKET | 1 | GASKET LOCATED AT INTERFACE OF IDPU BOX TO S/C. GASKET TYPE AND SIZE AT DISCRETION OF APL. | APL |
| ATTACH FASTENERS | 9 | ATTACH BOLTS AND WASHERS. THREAD ENGAGEMENT TO BE MINIMUM OF 2 BOLT DIAMETERS INTO S/C DECK. FASTENER TYPE TO BE 10-32 SHCS AND BE CONSTRUCTED OF A286 MATERIAL. | APL |
| GROUNDING STRAP | 1 | BOX ELECTRICAL GROUND STRAP; ONE END UNDER BOX ATTACHMENT BOLT HEAD, OTHER END ATTACHED TO S/C DECK. LOCATION AND DESIGN DETAILS AT DISCRETION OF APL. (STRAP MAY BE OPTIONAL, TO BE DETERMINED BY APL.) | APL |
| CABLE HARNESSES | A/R | ELECTRICAL CABLE HARNESSES FROM IDPU BOX TO S/C; SEE RBSP_EFW_SYS_008 FOR QUANTITY AND DESCRIPTION | APL |

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12 AUG 2008

13.APRIL.2009

SEE SHEET 1

ADDED HARDWARE PROVIDER MATRIX

E

С

В

A

SIZE DWG. NO.

RBSP-IDP-MEC-500

SCALE: 1:4

SHEET 4 OF 4

7 6 5