Space craft & SPIRE structure etc
BSM structure
RBD-1
Jiggle Axis Flex Pivot
RBD-2A
Jiggle Axis Flex Pivot capture sleeve (fallback)
RBD-2B
Jiggle Axis Flex Pivot
RBD-2A
Jiggle Axis Flex Pivot capture sleeve (fallback)
RBD-2B
JIGGLE FRAME STRUCTURE
RBD-3
CHOP DEMAND
RBD-4
JIGGLE DEMAND
Chop Structure
RBD-5
Chop Axis Flex Pivot
RBD-6A
Chop Axis Flex Pivot capture sleeve (fallback)
RBD-6B
Chop Axis Flex Pivot
RBD-6A
Chop Axis Flex Pivot capture sleeve (fallback)
RBD-6B
DRCU Cold Redundant Mode
MAC Cold Redundant Board
BSMe Cold Redundant Halfboard
Cold Redundant Connectors & Harness
1
CR Jiggle Axis Sensor
No feedback (fallback)
CR Current feedback (fallback)
CR Jiggle Axis Motor
Cold Redundant Unlatch Harness & connector
3
Cold Redundant Unlatch Demand
DRCU Primary Mode
MAC Primary Board
BSMe Halfboard
Connectors & Harness
2
Jiggle Axis Sensor
No feedback (fallback)
Current feedback (fallback)
Jiggle Axis Motor
Unlatch Harness & connector
4
Unlatch Demand
Damped Operation (fallback)
NOTE! one damped fallback mode only
Damped Operation (fallback)
Jiggle Axis damping Unlatch (1 of 2)
Jiggle Axis damping Unlatch (2 of 2)
Redundant Jiggle Axis damping Unlatch (1 of 2)
Redundant Jiggle Axis damping Unlatch (2 of 2)
Jiggle operation OK
CHOP operation OK
DRCU Cold Redundant Mode
RBD-7B
.....
etc...
MAC Cold Redundant Board
BSMe Cold Redundant Halfboard
1
Cold Redundant Connectors & Harness
CR Chop Axis Sensor
No feedback (fallback)
CR Current feedback (fallback)
CR Chop Axis Motor
3
Cold Redundant Unlatch Harness & connector
Cold Redundant Unlatch Demand
DRCU Primary Mode
RBD-7A
MAC Primary Board
RBD-8A
BSMe Halfboard
RBD-9A
2
Connectors & Harness
RBD-10A
Chop Axis Sensor
RBD-11A
No feedback (fallback)
RBD-11B
Current feedback (fallback)
RBD-11C
Chop Axis Motor
RBD-12A
4
Unlatch Harness & connector
RBD-13A
Unlatch Demand
RBD-14A
Deployable end stop unlatch
RBD-17b
Deployable end stop unlatch
RBD-17a
Damped Operation (fallback)
RBD-15C
Chop Axis damping Unlatch (1 of 2)
RBD-15A
Chop Axis damping Unlatch (2 of 2)
RBD-15B
NOTE! one damped fallback mode only
Damped Operation (fallback)
RBD-16C
Redundant Chop Axis damping Unlatch (1 of 2)
RBD-16A
Redundant Chop Axis damping Unlatch (2 of 2)
RBD-16B