

GS-13 Inspection/Pod Assembly (D047810) Checklist

F090070-v6

Jeff Kissel, Joe Hanson, Brian O'Reilly, Tom Gentry, Céline Ramet, Greg Grabeel

Configuration Vertical Horizontal D050358-v1 Pre-amp S/N

GS-13 (D1000166) S/N D0902011-v2 Socket board

D047812 Chamber S/N Final Destination

GS-13 Visual Inspection

- All flexures have been updated
- Flexure webbing is intact with no dings, scrapes, or other damage
- Tension rod is straight without dings
- Tabs of suspension springs evenly between fork fixture
- All wiring is zip-tied, immobile, and away from the suspension springs
- The pre-amp board in an up-to-date version, all jumpers are in the correct position, and connection to the readout cable is secure
- Unlock the seismometer and check for proper leveling
- (Vertical Only) With seismometer unlocked ensure viton o-rings are in contact concentric coils

Retrofit/Inspection _____ Date _____

GS-13 Quality Test

- Huddle test against STS-3; natural frequency corrected to 1 Hz (data on SeismicSVN)
- Power spectra without peak at ~105 Hz (data on SeismicSVN)

Huddle Test _____ Date _____

Podded GS-13 Quality Test

- Verify podded GS-13 with oscilloscope
- Leak check podded GS-13

Approved _____ Date _____