NEMS & SEMS

tether points

and mirror inspection plan
Safety

• Understand how to don the safety harness
• Maintain an attachment to the structure at all times (use dual tether lines)
• Be aware of your surroundings
• Follow the prescribed routes for inspection
• Report any fall immediately!
Donning the safety harness

Remove leg strap from zippered pocket

Put vest on and zipper up the front

Attach chest buckle together

Shown complete
Donning the safety harness

Reach behind and pull leg strap through crotch and attach buckle

Do the same for the other leg and tighten both straps until snug

Shown complete
Attaching tether strap

Have a partner attach main tether strap at shackle in middle of back.
Tethering to the structure
Tethering to the structure

• Before (when able) or upon entering the structure, you must attach tether hook to tether point on structure
• Each tether has two hooks, this is to maintain at least one point of attachment to the structure
• This means before removing one tether hook, the other must be attached
• This rule must be adhered to at all times
Be aware of your surroundings

- Walk carefully in and around structure being mindful of all obstacles present
- Be careful of harness and buckles around the optics during inspection
- Pay close attention to your location and obstacles when finishing an inspection as you can tend to lose track of where you are
Follow prescribed inspection routes

• The following document lays out a prescribed route for inspection based on where the tether points were attached to the structure...use them

• If a change to the prescribed routes is necessary, please contact your supervisor and the suggested change will be discussed and implemented upon approval
Report any fall immediately

- If a fall occurs, attend to personnel and report any injuries immediately as per LLE safety guidelines
- Record where and how the fall occurred and at which tether point the person was attached to
- Remove from service the vest and tether strap that were involved in the fall
NEMS
Inspection plan
Access point to NEMS from stairway

(Railings will be gated for limited access)
Tether point A upon entering NEMS from stairway
Tether points walking towards viewing gallery to inspect EM 11,12,13,16,17,18
Tether point D for inspection of EM 12,16,18
Tether point $E$ for inspection of EM 11,13,17
Tether point F for inspection of 22

EM 22
Entry tether point G

Inspection tether point H for 21 and 27

EM 21
Use temporary ladder for inspection of EM 20, 23, 24, 28, 29
(permanent will eventually be put in place)
Tether point J upon entering structure from ladder for inspection of EM 28,29,20,23,24

D-ring anchor location for permanent tether point J

Permanent tether line
Tether point K for inspection of EM 25 and entry tether point to inspect EM 10, 14, 15
Tether point M for inspection of EM14,15

Tether point L for inspection of EM10
Use portable ladder to inspect EM 19
Inspect EM 26 from manlift
Use portable ladder to inspect EM 30, 39 and use to access tether point N for inspection of EM 34, 35.
Inspect EM 31, 32, 33, 36, 37, and 38 from service platform
SEMS
inspection plan
Enter SEMS from new permanent ladder located behind the structure
Enter SEMS and attach to tether point 1

EM 62

EM 63
Entry tether point

Transition tether point

EM 61 tether point

EM 66,67,68 tether point

EM 61

EM 66,67

(68 not shown)
Enter SEMS from second level of service platform near EM 47
Inspect EM 51, 52, 53 from this point
Tether point 6 for inspection of EM 57,58

(tether point 7 for EM 56)
Tether point 7 for EM 56
Inspect EM 41,42,43,46,47,48 from service platform
Tether point 8 for inspection of EM 54, 55, 59, 50

Place temporary ladder here (behind XOPS desk)
Portable ladder to gain access to SEMS

Tether point 9 for EM 65

Tether point 10 for EM 64, 69, 60
Inspect EM 44,45 from portable ladder

Tether point 11 for EM 49,40

EM 49,40