

# LASER INTERFEROMETER GRAVITATIONAL WAVE OBSERVATORY

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Approved: <i>[Signature]</i> Site Operations Manager, Hanford Site	<b>Hanford Beam Tube Enclosure (BTE)                  Entry/Egress Procedure</b>	
		Approved: <i>[Signature]</i>

Date: \_\_\_\_\_ Lead Operator: \_\_\_\_\_  
 Point of Entry: \_\_\_\_\_ Aided By: \_\_\_\_\_  
 Time of Entry: \_\_\_\_\_

**NOTE: This procedure should not be mistaken for a procedure to enter the beam tube.**

This procedure specifies the actions to be taken to safely enter and exit the beam tube enclosure. **For work to be performed more than 20 feet from an entry door, a minimum of two people (Buddy System) are required.** Other special requirements for working more than 20 feet from an entry are emphasized in the procedure in **bold type**.

Equipment Required:	<u>Available (Y. N.)</u>	<u>Completed (check)</u>
1. Portable work lights	_____	
2. Door prop	_____	
3. <b>Strobe lights for work more than 20' from an entry</b>	_____	

**Procedure:**

- a. Notify the Site Manager of the BTE location for the work planned and sign out all personnel on the Site Personnel Location Board. \_\_\_\_\_
- b. Have available sufficient portable work lighting to complete the planned work. **Redundant portable lighting shall be carried for work more than 20' from an entry.** \_\_\_\_\_
- c. Verify acceptable operating condition of all equipment prior to BTE entry \_\_\_\_\_
- d. Consider/verify sufficient operating life time capacity for battery powered work lighting. \_\_\_\_\_
- e. **For work more than 20 feet from an entry, install an operating strobe light at each of the two nearest BTE doors where the work is to be performed.** In the event the portable work light fails, the strobe lights will signal location of the nearest exit. \_\_\_\_\_

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Completed  
(check) \_\_\_\_\_

- f. If the entry door is to be propped open, secure the door with wooden block or wedge under the door edge. DO NOT PROP DOOR OPEN AT HINGE AREA -- this can damage the door assembly. \_\_\_\_\_
- g. Verify that BTE is clear of smoke or unusual odor before entry into BTE. Remove spider webs (and spiders) that may cover entry way. \_\_\_\_\_
- h. Once inside the BTE avoid contact with black widow spiders. In the event of spider bite, follow the recommended site procedure for treating a spider bite. \_\_\_\_\_
- i. After completing work in the BTE, verify that all equipment has been removed and all personnel have exited before removing strobe lights and closing/locking entry/exit doors. \_\_\_\_\_
- j. Notify Site Manager when work in the BTE is completed, and remove the appropriate personnel names from the (sign-out) Site Personnel Location Board. \_\_\_\_\_

Exit Location \_\_\_\_\_

Exit time: \_\_\_\_\_

Acknowledge Task

Completion by \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
(Signature/Title)

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Point of Entry: \_\_\_\_\_ Aided By: \_\_\_\_\_

Time of Entry: \_\_\_\_\_

\_\_\_\_\_

Comments/Information

Note any unusual conditions and inform appropriate personnel.

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