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MPLHR Transmitter/Receiver (T/R) Packing Instructions

I. Purpose:

This document describes the packing instructions for the ARCS MPL High Resolution Transmitter/Receiver.

II. Cautions and Hazards:

None.

III. Requirements:

None.

IV. Procedure:

A. Steps:

1. Power down MPL System.
2. Place protective cover over MPL T/R telescope.
3. Disconnect fiber optic (blue or black) cable:
 - Unscrew fiber optic connector from back of laser; do not allow fiber to twist or rotate.
 - While holding the connector sleeve, gently pull fiber connector from laser.
 - Place protective screw-caps over fiber and laser connectors.
 - Remove optical fiber from MPL Transceiver enclosure.
 - Place protective screw caps on fiber optic connector and laser output connector.
4. Coil fiber optic cable and pack in a crush-proof box.
5. Disconnect remaining electrical cables from MPL T/R housing and pack for shipment.
6. Loosen pivot screws on transceiver with Allen wrench and wrap in plastic.
7. Remove MPL transceiver from instrument half-rack.
8. Place it in the custom-designed box (leave pivot loose).
9. Tip half-rack on its back for easy removal of rack components.

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10. Pack each rack component in its original box after wrapping in plastic.

V. References:

None.

VI. Attachments:

None.