NODE 1 INITIAL INGRESS R2

NODE 1 IMV FWD STBD IMV VLV OPENING

PCS Node 1: ECLSS: FDIR

Node 1 FDIR Details

1. **cmd** Node 1-1 MDM IMV FDIR Status - Enable **Execute**
   cmd Node 1-2 MDM IMV FDIR Status - Enable **Execute**
   √N1_1 MDM IMV FDIR Stat - Ena
   √N1_2 MDM IMV FDIR Stat - Ena

   NODE 1: ECLSS: IMV Fwd Stbd Vlv

   Node 1 IMV Fwd Stbd Vlv

   'RPCM N13B C RPC 13'

2. sel RPCM N13B C RPC 13
   RPCM N13B C RPC 13

   √**MCC-H**

   cmd Close **Execute**
   √Position - Cl

   'Node 1 IMV Fwd Stbd Vlv'

3. **cmd** On **Execute**
   √Enable - On
   cmd Open **Execute**
   √Open Indicator - Enabled
   cmd Open Confirm **Execute**
   Wait 20 seconds.
   √Status - Op

EQUALIZE WITH NODE 1

PMA 2 Aft

4. Node Fwd Hatch MPEV → Open

5. Wait TBD minutes.

6. Open Node 1 Forward Hatch per decal.

7. Node Fwd Hatch MPEV → Close

DUCTING CONFIGURATION

8. Remove V-band assembly and IMV cap from Node IMV Fwd Stbd duct flange.

NOTE
Node starboard is on the shuttle port side.

9. Tmpry stow V-band, cap in TBD location.

10. Loosen V-band assembly restraining PMA 2 air duct jumper to support.

11. Connect PMA 2 air duct jumper to PMA-Node IMV duct extension.

12. Install duct assembly around perimeter of PMA deck and secure with support straps.

13. Connect end of PMA-Node duct extension to Node IMV Fwd Stbd duct flange with V-band clamp, tighten until secure.

ESTABLISH VENTILATION WITH NODE 1

Node 1: ECLSS: cabin fan

Node 1 Cabin Fan

EPCS PMA 2

14. If state - Off

Perform NODE 1 CABIN FAN ACTIVATION R2, all (SODF: ECLSS), then:

15. Close grille cover on PMA 2 hard duct.

16. √Airflow from Node through open hatchway

PROVIDE POWER TO NODE 1 INTERNAL LIGHTS

EPCS

17. Node 1: EPS: RPCM N13B A

RPCM N13B A

sel RPCM Details

sel RPC [X] [X] = 5 13

√**MCC-H**

√RPC [X] Close Cmd - Ena

cmd Close **Execute**

√RPC [X] Position - Cl

Repeat

18. Node 1: EPS: RPCM N13B B

RPCM N13B B

sel RPC 1

√Close Cmd - Ena

√**MCC-H**

sel Commands

cmd Close **Execute**

√Position - Cl

19. Node 1: EPS: RPCM N13B C

RPCM N13B C

sel RPC 1
√Close Cmd - Ena

√**MCC-H**

sel Commands
cmd Close **Execute**
√Position - Cl

20. Node 1: EPS: RPCM N14B B

RPCM N14B B

sel RPC 1
√Close Cmd - Ena

√**MCC-H**

sel Commands
cmd Close **Execute**
√Position - Cl

21. Node 1: EPS: RPCM N14B C

RPCM N14B C

sel RPCM Details
sel RPC [X] [X] = 2 15 16

√**MCC-H**

√RPC [X] Close Cmd - Ena
cmd Close **Execute**
√RPC [X] Position - Cl

Repeat

NOTE
It may take 30 minutes for cold lights to come up to full bright. Lights must come up to full bright before turning them off.

PFE AND QDM INSTALLATION

Node 1 22. Tmpry stow ISS portable fire extinguisher in Node 1 fwd port alcove locker.

23. Tmpry stow shuttle QDMs (two) in TBD location.

NODE 1 PORTABLE FAN CONFIG

Node 1 24. Remove Portable Fans left on brackets.
Stow in ‘Return to Houston’ Bag.
Retrieve Portable Fans (four) from Bag.
Install on seat track according to Figure 1.

Insert figure showing fan locations - TBD

Figure 1.

NODE 1 PPRV CONFIGURATION

Node 1 25. Unstow: PPRV Caps

Node 1 Port, Stbd Hatch 26. Install caps (two) on Node 1 Port, Stbd PPRVs

VERIFY AND CONFIGURE NODE 1 INTERIOR LIGHTS

Node 1 Fwd Encone 27. √All Node 1 Interior Lights (eighty) - Full Bright

Node 1 28. NOD1OS2 - 1 Int Light pb → Off
NOD1OP2 - 1 Int Light pb → Off
NOD1OP2 - 2 Int Light pb → Off