MSG 182 - BLUE FD13 STARNAV DEBUG IFM

1   **SHARED PGSC POWER UP**
2
3   Shared PGSC   1.   Relocate Shared PGSC
4
5   2.   Relocate PCMCIA Ethernet Card/Ethernet Cable connected to Aft
6   Aft Overhead   Patch Panel Cable
7
8   Shared PGSC   3.   Insert PCMCIA card into open slot on Shared PGSC
9
10   DC Adapt   4.   DC PWR SPLY SW1 sw – ON (lt on)
11   Shared PGSC   PGSC pwr sw – on (mom)
12
13   *   If date and time prompts appear, press [ENTER]   *
14

15   **NOTE**
16   In the following step a spare disk is needed. ZCG has a
17   spare disk that will be used in this procedure.
18   There are a total of three ZCG disks. Use one of the two
19   ZCG disks that is NOT labeled 107ZCG1.0b Program
20   PGSC disk.
21
22   SC04A   5.   Unstow one ZCG Floppy Disk from ZCG-1 STOWAGE
23   Ensure Floppy Disk is NOT labeled 107ZCG1.0b Program PGSC disk
24   Insert Floppy Disk into PGSC external disk drive
25
26   6.   √MCC (STARNAV powered)
27
28   Shared PGSC   7.   Select 'Start' / 'Run'
29   Type "telnet", select 'OK'
30   Select 'Terminal' / 'Start Logging'
31   From the 'Look In' pulldown list, select C: drive
32   From the folder list, select 'temp' folder
33   In the filename box, type "starnav.log"
34   Select 'Connect'
35   Select 'Remote System'
36   Enter Host Name "192.168.1.27"
37   √ Port – 'telnet'
38   √ TermType – 'vt100'
39   Select 'Connect'
40
41   **STARNAV DEBUG**
42
43   **NOTE**
44   Commands to be entered on the PGSC are shown below
45   in bold and in quotes, for example **"ps".** The quotes are
46   not to be entered as part of the value.
47
48   **NOTE**
49   Upon connection, a login prompt will appear asking to
50   input user name and password
51
52   8.   Type login as **"root"** and press enter
53
54
55
56

Shared PGSC

9. Type password as "starnav" and press enter

10. √Login successful and command prompt appears as "#"

NOTE

Once the command prompt appears then perform the following operations. To perform the next operation, wait for the command prompt to reappear. It may take a while for the command prompt to reappear for some steps.

11. Type **"ps"** and press Enter

12. Type **"slay mainnew"** and press Enter

13. Type **"slay measure"** and press Enter

14. Type **"ps"** and press Enter

15. Type **"dcheck /"** and press Enter
Wait for the utility to finish and return to command prompt

16. Type **"df /"** and press Enter

17. Type **"netmap"** and press Enter

18. Type **"netinfo –l"** and press Enter

19. Type **"ping localhost"** and press Enter

20. Type **"netstat –i"** and press Enter

21. Type **"ping 192.168.1.3"** and press Enter

22. Type **"netstat –i"** and press Enter

23. Type **"ls –l"** and press Enter

24. Type **"cd starnav"** and press Enter

25. Type **"ls –l"** and press Enter

26. Type **"ls –l images"** and press Enter

27. Type **"ps"** and press Enter

28. Type **"cat uplink.txt"** and press Enter

29. Type **"cat code.log"** and press Enter

30. Type **"cat downlink.txt"** and press Enter

31. Type **"./upload 1 &"** and press Enter

32. √MCC (STARNAV-EDSMU connection)

Shared PGSC 33. If MCC confirms STARNAV-EDSMU connection:
    Type **"slay upload"** and press Enter
    Go to step 37
If no Starnav-EDSMU connection:
    Wait for 1 minute
    If PGSC displays error messages "Network Failure: Connection not established…", press Enter for new prompt and continue

34. Type **"slay upload"** and press Enter

35. Type **"netstat –i"** and press Enter

36. Type **"./download_text 1 &"** and press Enter

37. √MCC (STARNAV-EDSMU connection)

38. If MCC confirms STARNAV-EDSMU connection:
    Type **"slay download_text"** and press Enter
    Go to step 42
If no Starnav-EDSMU connection:
    Wait for 1 minute
    If PGSC displays error messages "Network Failure: Connection not established…", press Enter for new prompt and continue

39. Type **"slay download_text"** and press Enter

40. Type **"netstat –i"** and press Enter

41. Type **"./download_image 1 &"** and press Enter

42. √MCC (STARNAV-EDSMU connection)

43. If MCC confirms STARNAV-EDSMU connection:
    Type **"slay download_image"** and press Enter
    Go to step 47
If no Starnav-EDSMU connection:
    Wait for 1 minute
    If PGSC displays error messages "Network Failure: Connection not established…", press Enter for new prompt and continue

44. Type **"slay download_image"** and press Enter

45. Type **"netstat –i"** and press Enter

46. Type **"ps"** and press Enter

47. Type **"./Snav 1 &"** and press Enter

NOTE
Program will finish when there is no more output
occurring on the screen

48. Wait for program to finish
Press Enter to get command prompt

49. Type **"cat code.log"** and press Enter

Shared PGSC 50. Type **"ls –l images/"** and press Enter

51. Type **"df /"** press Enter

NOTE
Upon completion of next step, system will start shutting
down and the telnet connection will be inactive or lost

52. Type **"shutdown"** and press Enter

SHARED PGSC DEACTIVATION

53. At telnet session, select 'Connect'/'Exit'

54. Double–click 'My Computer'
 Double–click 'C:'
 Double–click 'temp' folder
 Double–click '3½ Floppy (A:)'
 Drag <starnav.log> from 'temp' folder to A:drive (overwriting any old
  <starnav.log> files)
√'<starnav.log>' file appears on A:drive

55. Close '3½ Floppy (A:)' window
 Close 'temp' window
 Close 'My Computer' window
 Remove Floppy Disk from PGSC

56. Select 'Start' / 'Shut Down'

 Shut Down Windows
57. Select 'Shut down'
 Select 'OK'
√PGSC power – off

DC Adapt 58. DC PWR SPLY SW1 sw – OFF (lt off)

Shared PGSC 59. Remove, temp stow PCMCIA Ethernet Card from Shared PGSC with
  Ethernet Cable (SDZ39129269–301) and Aft Patch Panel Cable
  (9064029–513) attached

60. Temp stow Shared PGSC

61. Transfer Floppy Disk to Flightdeck for OCA download via Proshare Machine

FD(Proshare) 62. Remove OCA Floppy Disk from Proshare Machine
 Insert ZCG Floppy Disk into A:drive
 Using Explorer, click on 'C:\OCA–DOWN\PAYLOADS' under 'All Folders' box
 Drag <starnav.log> from A:drive to C:\OCA–DOWN\PAYLOADS' folder
  (overwriting any old <starnav.log> files)
 Remove ZCG Floppy Disk
 Re-insert OCA Floppy Disk

MSG 182 - BLUE FD13 STARNAV DEBUG IFM

1	SC04A	63.	Stow ZCG Floppy Disk in ZCG-1 STOWAGE
2			
3		64.	Disconnect Aft Patch Panel Cable (9064029–513) connector TO AFT
4	Aft Overhead		PATCH PANEL J10 from Aft Patch Panel J10
5			Release Velcro Ties to remove Aft Patch Panel Cable from routed position
6			
7	AC17	65.	Stow PCMCIA Ethernet Card/Ethernet Cable connected to Aft Patch Panel
8			Cable
9			
10		66.	Notify MCC (STARNAV DEBUG IFM complete)

11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51