MSG 126 - RED FD09 REVISED BDS-05 SPIN FILTER RATE CHANGE

Shared PGSC 1. If PGSC connected to ECC and powered, go to step 6

2. Relocate Shared PGSC

3. √PGSC pwr – off
Uncoil pre–routed Null Modem Cable (SED46112608–302) (DATACOM port of AC15)
Connect Null Modem Cable (SED46112608–302) to PGSC 9 pin serial port

DC Adapt 4. DC PWR SPLY SW1 sw – ON (lt on)

Shared PGSC 5. PGSC pwr sw – on (mom)

6. Double–click BDS-05 icon located in 'Desktop\Shuttle Apps\Spacehab\BDS-05'
Engineering Development Unit EDU-1R GUI Version 2.1

7. Select 'Tasks' / 'Connect to ECC'
√'ECC detected' (lower left corner of PGSC display)

* If PGSC does not display 'ECC detected', perform MP–19 ECC *
* NOT DETECTED AT PGSC (MAL), pg 3–34 *

8. √'Spin Filter Rate' from 'Experiment Parameter' block (top right corner)
If 'Spin Filter Rate' = '6.000' rpm, go to step 9
If 'Spin Filter Rate' ≠ '6.000' rpm, record 'Experiment Time' from 'Experiment Parameter' block and notify MCC (Experiment Time)
Experiment Time: _____

9. √'Fluid Loop Configuration' – 'Perfuse'

* If 'Fluid Loop Configuration' not 'Perfuse', *
* Notify MCC for further instructions *

10. Select 'Parameters'/'Spin Filter Rate'
Set Spin Filter Rate
Type “3” for spin filter rate in rpm, select 'OK'
√'Event Log' – 'Spin RPM = 3.000 RPM'
√'Spin Filter Rate' = '3.000' in 'Experiment Parameter' block

SHUT DOWN PGSC

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11. Select 'File' / 'Exit'

12. Select 'Start' / 'Shut Down'

Shut Down Windows

13. Select 'Shut Down'
Select 'OK'
√PGSC pwr – off

DC Adapt 14. DC PWR SPLY SW1 sw – OFF (lt off)

DISCONNECT PGSC

Shared PGSC AC15	15.	Disconnect Null Modem Cable (SED46112608–302) from PGSC Coil, secure Cable
	16.	Temp stow Shared PGSC
	17.	Notify MCC (SPIN FILTER RATE CHANGE complete)