FC n°201 DB n°201 FV550, FV551, FV553, He conditioning stop FV011 are closed when the 0 sequence is running He conditioning start He conditioning start & Cycle Number > 0 & Cycle Number <= 0 Stop FV011 closed Check parameters 1 Valid or all parameter > 0 FV011 closed 2 Check equipment Valid or Equipment OK Preliminary Run P000 HNOSS mode: in steps 4-14: FV101 open, CV552 closed, CV100-CV105 and CV550, CV551 set FV010 & FV100 open drain according to sequence's parameters Cryomodule mode: in steps 4-14: FV101 open, CV101-CV103, CV552 closed, CV100, CV105, CV105 and MKS1 < Low Vacuum (5 mbar) MKS1 >= 5 mbar CV550,CV551 set according to & Alarm Vacuum timer sequence's parameters FV101,CV100,CV101,CV102, X12 CV103,CV104,CV105,CV550, Time out of 6 Vacuum timer CV551 open; FV011 closed MKS1 > High Vacuum (10 mbar) MKS1 < High Vacuum (10 mbar) FV011 closed GHe filling FV012 & FV100 open 12 Vaccum alarm 8 FV011 closed FV101,CV100,CV101,CV102, MKS1 > High Filling (1080 mbar) Alarm confirmed MKS1 <= High Filling & Alarm Pressure timer FV101,CV100,CV101,CV102, Time out of CV103,CV104,CV105,CV550, 10 X14 Pressure timer CV551 open; FV011 closed MKS1 > Low Filling (1020 mbar) MKS1 < Low Filling MKS1 > Low Filling & Current cycle $>= N^{\circ}$ of cycle & Current cycle < N° of cycle Pressure alarm FV011 14 closed Alarm confirmed Aide-memoire:

