

SIMCard	2008	2009	2010	2011	2012	2013	2014	2015	2016
SYS1	1 2 ... 12 Run@PG1, S84.50 E77.20 (1/10/08-present)	1 2 3 4 ... 12	1 ... 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 11 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12
SYS2	1 2 ... 12	1 2 3 4 ... 12 Run@PG2, S84.42 E57.96 (1/9/09-12/28/10)	1 ... 12	1 2 3 4 5 6 7 8 9 10 11 12 (Test@SP, 11/2011-1/2013 shipped back to US)	1 2 3 11 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12 Upgrade and test@SP (12/31/2013-present)	1 2 3 4 5 6 7 8 9 10 11 12 Run@PG0, S83.67 E88.68 (12/28/2014-present)	1 2 3 4 5 6 7 8 9 10 11 12
SYS3	1 2 ... 12	1 2 3 4 ... 12	1 ... 12 Test@SP, 12/2010	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 11 12 Run@PG2 Swap with sys4 @PG2 on 12/27/2012 (1/10/-4/30/2012) Then shipped back to the US	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12 Tested@SP, 12/31/2013-present	1 2 3 4 5 6 7 8 9 10 11 12 The sim card was transferred to SYS7. Install a new sim card(SYS8) on 12/24/2015 SYS3 is stored@SP on 01/04/02015	1 2 3 4 5 6 7 8 9 10 11 12 Shipped back to the US
SYS4	1 2 ... 12	1 2 3 4 ... 12	1 ... 12 Test@SP, 12/2010-12/2012	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 11 12 Swap with sys3@PG2 (12/27/2012-present)	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12
SYS5	1 2 ... 12	1 2 3 4 ... 12	1 ... 12	1 2 3 4 5 6 7 8 9 10 11 12 at VT at UofMich 8/8/2011	1 2 3 11 12 Test@SP, 12/26/2011-12/2013	1 2 3 4 5 6 7 8 9 10 11 12 Run@PG3 S84.81 E37.63 (1/5/13-present)	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12
SYS6	1 2 ... 12	1 2 3 4 ... 12	1 ... 12	1 2 3 4 5 6 7 8 9 10 11 12 at UofMich 2/8/2012-7/12/2011	1 2 3 11 12 Test@SP, 12/28/2011-12/2012	1 2 3 4 5 6 7 8 9 10 11 12 Blue-Box ship back to US	1 2 3 4 5 6 7 8 9 10 11 12 Run@PG4, S83.32 E12.97 1/7/2014-3/16/2014 lost contact	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12
SYS7	1 2 ... 12	1 2 3 4 ... 12	1 ... 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 11 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12 Build@UofMich for repairing SYS6	1 2 3 4 5 6 7 8 9 10 11 12 Tested@SP with SYS3 SIM card since 2015/01/04	1 2 3 4 5 6 7 8 9 10 11 12 Run@PG5, S81.96 E5.71 From 01/06/2016-present

  for testing at the South Pole  
  Back to US  
  At remote location  
SYS8 A new sim card for repairing SYS6 modem problem, which started in 12/2015, tested@SP with SYS3Ebox. Now it is shipped back to the US with SYS3Ebox.  
SYS7Ebox A backup system built in 2014@U of Mich, only has electronic box, and its paired Fluxgate Sensor.  
PG0(S83.67 E88.68) PG1(S84.50 E77.20) PG2(S84.42 E57.96) PG3(S84.81 E37.63) PG4(S83.34 E12.25) PG5(S81.96 E5.71)

Updated by Z.XU 2016/02/02