Cluster manoeuvres: May to October 2018

V2, 24 April 2018

Spacecraft	*Science data stop*	*Science data re-start*	*Nominal manoeuvre time*
C1	28/05/2018 06:48	28/05/2018 17:13	28/05/2018 10:06
C2	28/05/2018 06:36	28/05/2018 17:01	28/05/2018 09:54
C3	28/05/2018 07:38	28/05/2018 18:03	28/05/2018 10:56
C1	08/06/2018 14:34	09/06/2018 00:59	08/06/2018 17:52
C2	08/06/2018 14:32	09/06/2018 00:57	08/06/2018 17:50
C3	08/06/2018 14:59	09/06/2018 01:24	08/06/2018 18:17
C4	08/06/2018 14:13	09/06/2018 00:38	08/06/2018 17:31
C3	18/07/2018 19:08	20/07/2018 12:49	19/07/2018 04:26 19/07/2018 23:42
C3	01/08/2018 21:30	02/08/2018 07:55	02/08/2018 00:48
C3	14/08/2018 07:27	17/08/2018 00:17	15/08/2018 09:58 16/08/2018 02:01 16/08/2018 15:50
C2	22/08/2018 09:29	22/08/2018 19:54	22/08/2018 12:47
C3	22/08/2018 06:05	22/08/2018 16:30	22/08/2018 09:23
C4	22/08/2018 05:30	22/08/2018 15:55	22/08/2018 08:48
C2	31/08/2018 10:41	31/08/2018 21:06	31/08/2018 13:59
C3	31/08/2018 07:17	31/08/2018 17:42	31/08/2018 10:35
C3	26/09/2018 08:54	26/09/2018 19:19	26/09/2018 12:12
C3	25/10/2018 18:03	26/10/2018 04:28	25/10/2018 21:21

This table shows the periods around each manoeuvre during which JSOC will not plan collection of science data, and the nominal time of each manoeuvre within those periods. The span of the no-science data period is set by:

a) margins assigned by ESOC around each nominal manoeuvre time so as to specify a range within which they may adjust the manoeuvre to take account of latest orbit analysis;

b) margins used by JSOC to protect sensitive instruments (those with high voltage systems). The JSOC margins are typically 1 hour before the manoeuvre and 7 hours after the manoeuvre (and hence must be additional to the ESOC margins).

The sets of manoeuvres on C3 on 19 July and on 15/16 August are close space in time, so JSOC has consolidated each of these sets into a single no-science data period.