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Director, Radiocommunication Bureau

SUBMISSION BY THE ADMINISTRATION OF CHINA REGARDING THE STATUS OF THE FREQUENCY ASSIGNMENTS TO THE CTDRS-1-77E SATELLITE NETWORK

The attached submission from the Administration of China regarding the status of the frequency assignments to the CTDRS-1-77E satellite network, including the in-orbit operational plan of the TL-01 satellite, which complements the information contained in Document RRB18-2/9, is for the consideration of the Radio Regulations Board.

Annexes: 2

Annex 1[1]

Translation: 09C(SPR)I-2018-016143

Note: This operational plan of satellite drift has been converted from the original .xls table.

Operational Plan of TL1-01 Satellite Drift

(Starting from 02/11/2013/ending on 06/11/2013)

Current operating orbit position	80°E	Target operating orbit position	77°E
Initiation time of first drift	02/11/2013 06:55:03		
Time of second control	03/11/2013 07:01:54		
Time of third breaking	05/11/2013 08:22:13		
Time of fourth breaking	05/11/2013 17:45:22		
Time of fifth orbit capture	06/11/2013 08:11:48		

Operational Plan of TL1-01 Satellite Drift

(Starting from 13/02/2014/ending on 17/02/2014)

Current operating orbit position	77°E	Target operating orbit position	80°E
Initiation time of first drift	13/02/2014 14:33:12		
Time of second control	14/02/2014 00:59:54		
Time of third breaking	16/02/2014 01:12:25		
Time of fourth breaking	17/02/2014 01:23:06		
Time of fifth orbit capture	17/02/2014 13:44:19		

Operational Plan of TL1-01 Satellite Drift

(Starting from 05/08/2014/ending on 09/08/2014)

Current operating orbit position	80°E	Target operating orbit position	77°E
Initiation time of first drift	05/08/2014 10:46:23		
Time of second control	06/08/2014 10:22:06		
Time of third breaking	08/08/2014 11:50:43		
Time of fourth breaking	08/08/2014 21:26:22		
Time of fifth orbit capture	09/08/2014 11:23:10		

Operational Plan of TL1-01 Satellite Drift

(Starting from 13/11/2014/ending on 17/11/2014)

[1] English version translated by the ITU.

Current operating orbit position	77°E	Target operating orbit position	80°E
Initiation time of first drift	13/11/2014 15:38:13		
Time of second control	14/11/2014 02:02:42		
Time of third breaking	16/11/2014 02:56:34		
Time of fourth breaking	17/11/2014 02:59:25		
Time of fifth orbit capture	17/11/2014 15:29:51		

Operational Plan of TL1-01 Satellite Drift

(Starting from 11/03/2015/ending on 15/03/2015)

Current operating orbit position	80°E	Target operating orbit position	77°E
Initiation time of first drift	11/03/2015 07:35:04		
Time of second control	12/03/2015 07:34:07		
Time of third breaking	14/03/2015 09:31:16		
Time of fourth breaking	14/03/2015 19:24:16		
Time of fifth orbit capture	15/03/2015 09:20:39		

Operational Plan of TL1-01 Satellite Drift

(Starting from 23/06/2015/ending on 27/06/2015)

Current operating orbit position	77°E	Target operating orbit position	80°E
Initiation time of first drift	23/06/2015 13:45:22		
Time of second control	24/06/2015 01:13:51		
Time of third breaking	26/06/2015 03:21:27		
Time of fourth breaking	27/06/2015 03:02:34		
Time of fifth orbit capture	27/06/2015 16:11:15		

Operational Plan of TL1-01 Satellite Drift

(Starting from 18/12/2015/ending on 22/12/2015)

Current operating orbit position	80°E	Target operating orbit position	77°E
Initiation time of first drift	18/12/2015 11:43:19		
Time of second control	19/12/2015 11:24:33		
Time of third breaking	21/12/2015 13:36:42		
Time of fourth breaking	22/12/2015 03:43:54		
Time of fifth orbit capture	22/12/2015 15:15:24		

Operational Plan of TL1-01 Satellite Drift

(Starting from 21/06/2016/ending on 25/06/2016)

Current operating orbit position	77°E	Target operating orbit position	80°E
Initiation time of first drift	21/06/2016 16:22:16		
Time of second control	22/06/2016 04:35:43		
Time of third breaking	24/06/2016 07:15:56		
Time of fourth breaking	25/06/2016 06:48:33		
Time of fifth orbit capture	25/06/2016 19:12:47		

Annex 2[2]

北京空间信息中继传输技术研究中心

Beijing Space Information Relay and Transmission Technology Research Center

Shifting Plan for TL1-01 Satellite

(Start Time: 2, Nov. 2013/ End Time: 6, Nov. 2013)

Currently Operation Position	80°E	Target Operation Position	77°E
1st shifting Time	06:55:03, on 2 Nov. 2013		
2ed control time	07:01:54, on 3 Nov. 2013		
3th control time	08:22:13, on 5 Nov. 2013		
4th control time	17:45:22, on 5 Nov. 2013		
5th satellite capture & tracking time	08:11:48, on 6 Nov. 2013		

Shifting Plan for TL1-01 Satellite

(Start Time: 13, Feb. 2014 / End Time: 17, Feb. 2014)

Currently Operation Position	77°E	Target Operation Position	80°E
1st shifting Time	14:33:12, on 13, Feb. 2014		
2ed control time	00:59:32, on 14, Feb. 2014		
3th control time	01:12:25, on 16, Feb. 2014		
4th control time	01:23:06, on 17, Feb. 2014		
5th satellite capture & tracking time	13:44:19, on 17, Feb. 2014		

[2] English version kindly provided by the Administration of China and received after the ITU translation was completed.

Shifting Plan for TL1-01 Satellite

(Start Time: 05, Aug. 2014 / End Time: 09, Aug. 2014)

Currently Operation Position	80°E	Target Operation Position	77°E
1st shifting Time	10:46:23, on 5, Aug. 2014		
2ed control time	10:22:06, on 6, Aug. 2014		
3th control time	11:50:43, on 8, Aug. 2014		
4th control time	21:26:22, on 8, Aug. 2014		
5th satellite capture & tracking time	11:23:10, on 9,Aug. 2014		

Shifting Plan for TL1-01 Satellite

(Start Time: 13, Nov. 2014 / End Time: 17, Nov. 2014)

Currently Operation Position	77°E	Target Operation Position	80°E
1st shifting Time	15:38:13, on 13, Nov. 2014		
2ed control time	02:02:42, on 14, Nov. 2014		
3th control time	02:56:34, on 16, Nov. 2014		
4th control time	02:59:25, on 17, Nov. 2014		
5th satellite capture & tracking time	15:29:51, on 17, Nov. 2014		

Shifting Plan for TL1-01 Satellite

(Start Time: 11, March 2015 / End Time: 15, March 2015)

Currently Operation Position	80°E	Target Operation Position	77°E
1st shifting Time	07:35:04, on 11, March 2015		
2ed control time	07:34:07, on 12, March 2015		
3th control time	09:31:16, on 14, March 2015		
4th control time	19:24:16, on 14 March 2015		
5th satellite capture & tracking time	09:20:39, on 15 March 2015		

Shifting Plan for TL1-01 Satellite

(Start Time: 23, June 2015 / End Time: 27, June 2015)

Currently Operation Position	77°E	Target Operation Position	80°E
1st shifting Time	13:45:22, on 23, June 2015		
2ed control time	01:13:51, on 24 June 2015		
3th control time	03:21:27, on 26 June 2015		
4th control time	03:02:34, on 27, June 2015		
5th satellite capture & tracking time	16:11:15, on 27, June 2015		

Shifting Plan for TL1-01 Satellite

(Start Time: 18, Dec. 2015 / End Time: 22, Dec. 2015)

Currently Operation Position	80°E	Target Operation Position	77°E
1st shifting Time	11:43:19, on 18, Dec. 2015		
2ed control time	11:24:33, on 19, Dec. 2015		
3th control time	13:36:42, on 21, Dec. 2015		
4th control time	03:43:54, on 22, Dec. 2015		
5th satellite capture & tracking time	15:15:24, on 22, Dec. 2015		

Shifting Plan for TL1-01 Satellite

(Start Time: 21, June 2016 / End Time: 25, June 2016)

Currently Operation Position	77°E	Target Operation Position	80°E
1st shifting Time	16:22:16, on 21, June 2016		
2ed control time	04:35:43, on 22, June 2016		
3th control time	07:15:56, on 24, June 2016		
4th control time	06:48:33, on 25, June 2016		
5th satellite capture & tracking time	19:12:47, on 25 June 2016		