



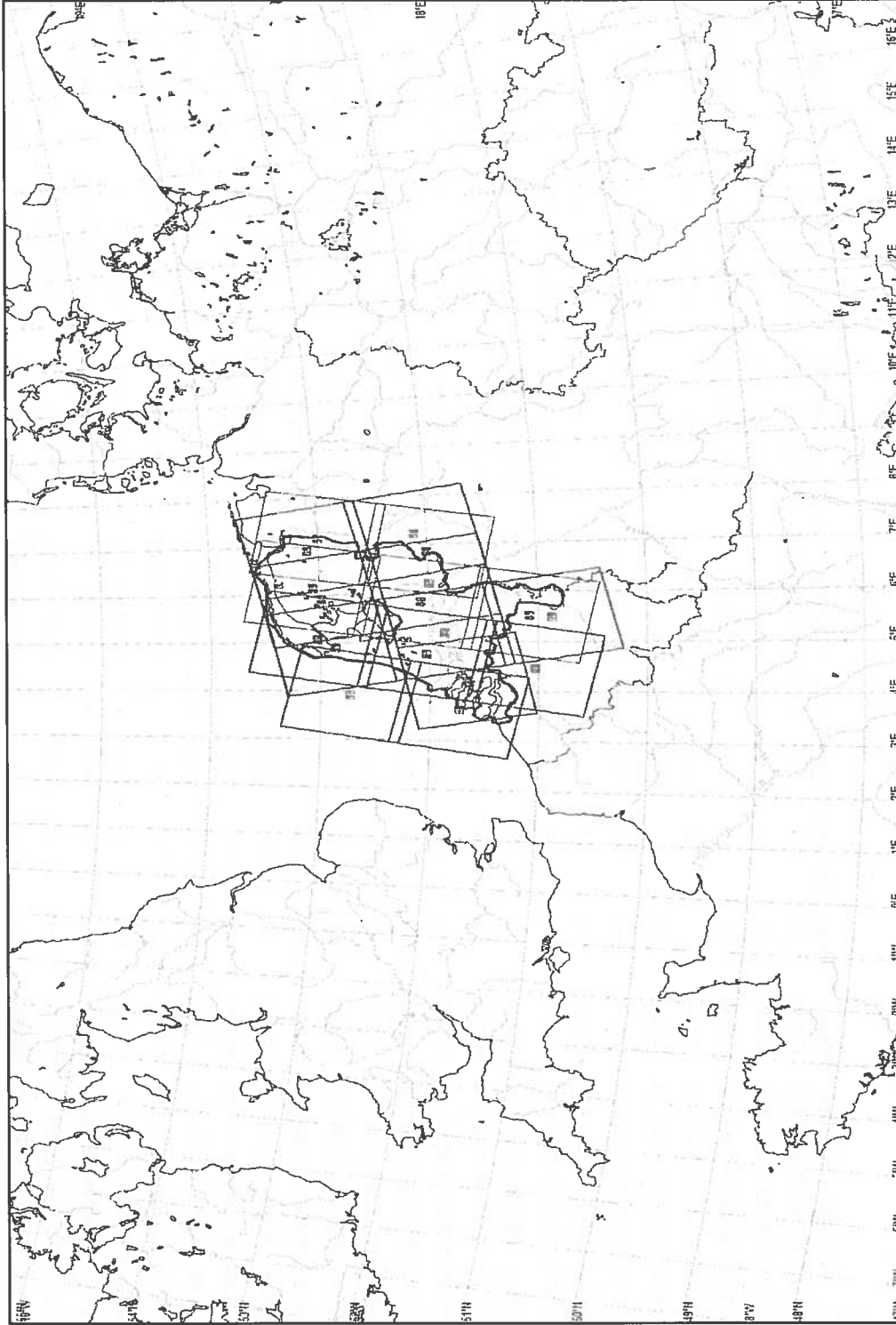
RADARSAT-2 Technical Proposal

GEOSPATIAL SERVICES
Monday, October 30, 2017

Provided for: Netherlands Space Office (NSO)
Proposal Number: 126016

R2 - Netherlands - Ascending & Descending
Beam: XF Pol: HH, VV
Programmable, Jan-Mar 2018

Contact: Dr. Ir. van Loon, Dr. Ir. Jasper
Advisor Science and Applications
Provided by: Bhavina Patel



Scene coordinates are subject to change up to +/- 5 km. All times in UTC (Universal Coordinated Time).





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Acq #	Start Time	Orbit	Abs Orb	Beam	Polar	Inc Ang	Sqkm	Cov%	Lat/Long Center	Lat/Long NW	Lat/Long NE	Lat/Long SW	Lat/Long SE
1	2018-01-02 06:00:44.76	152-102D	52474.35	XF0W2	HH	31.87	1547	10.9	52°44'N/3°56'E	53°22'N/3°15'E	53°10'N/4°57'E	52°17'N/2°56'E	52°05'N/4°36'E
1	2018-01-02 06:01:01.76	152-102D	52474.36	XF0W2	HH	31.87	4999	35.1	51°44'N/3°38'E	52°22'N/2°58'E	52°10'N/4°37'E	51°17'N/2°39'E	51°05'N/4°17'E
2	2018-01-02 17:24:29.02	152-109A	52481.14	XF0W2	VV	31.87	2743	19.3	50°52'N/5°30'E	51°18'N/4°32'E	51°30'N/6°10'E	50°13'N/4°52'E	50°25'N/6°28'E
2	2018-01-02 17:24:46.02	152-109A	52481.14	XF0W2	VV	31.87	13105	92.1	51°52'N/5°12'E	52°18'N/4°13'E	52°30'N/5°53'E	51°13'N/4°33'E	51°25'N/6°11'E
2	2018-01-02 17:25:03.02	152-109A	52481.14	XF0W2	VV	31.87	8729	61.3	52°51'N/4°54'E	53°18'N/3°53'E	53°30'N/5°35'E	52°13'N/4°14'E	52°25'N/5°54'E
3	2018-01-09 05:56:27.80	152-202D	52574.35	XF0W2	HH	31.87	8932	62.8	53°01'N/5°04'E	53°40'N/4°23'E	53°28'N/6°06'E	52°35'N/4°04'E	52°23'N/5°44'E
3	2018-01-09 05:56:44.80	152-202D	52574.35	XF0W2	HH	31.87	11929	83.8	52°02'N/4°46'E	52°40'N/4°06'E	52°28'N/5°46'E	51°35'N/3°47'E	51°23'N/5°25'E
3	2018-01-09 05:57:01.80	152-202D	52574.36	XF0W2	HH	31.87	3066	21.5	51°02'N/4°28'E	51°40'N/3°49'E	51°28'N/5°27'E	50°35'N/3°31'E	50°23'N/5°06'E
4	2018-01-09 17:20:36.23	152-209A	52581.14	XF0W2	VV	31.87	10221	71.8	51°59'N/6°13'E	52°26'N/5°13'E	52°37'N/6°53'E	51°21'N/5°34'E	51°32'N/7°12'E
4	2018-01-09 17:20:53.23	152-209A	52581.14	XF0W2	VV	31.87	13404	94.2	52°59'N/5°55'E	53°25'N/4°53'E	53°37'N/6°36'E	52°20'N/5°15'E	52°32'N/6°55'E
5	2018-01-16 05:52:15.22	152-302D	52674.35	XF0W2	HH	31.87	12557	88.2	53°04'N/6°08'E	53°42'N/5°27'E	53°30'N/7°10'E	52°37'N/5°08'E	52°25'N/6°48'E
6	2018-01-16 05:52:32.18	152-302D	52674.35	XF0W2	HH	31.87	12760	89.7	52°04'N/5°50'E	52°42'N/5°10'E	52°31'N/6°50'E	51°37'N/4°51'E	51°26'N/6°29'E
6	2018-01-16 05:52:49.18	152-302D	52674.36	XF0W2	HH	31.87	4844	34.0	51°04'N/5°32'E	51°43'N/4°52'E	51°31'N/6°31'E	50°38'N/4°34'E	50°26'N/6°10'E
7	2018-01-16 17:16:26.40	152-309A	52681.14	XF0W2	HH	31.87	2962	20.8	52°06'N/7°14'E	52°33'N/6°14'E	52°45'N/7°54'E	51°28'N/6°35'E	51°40'N/8°13'E
7	2018-01-16 17:16:43.40	152-309A	52681.14	XF0W2	HH	31.87	7553	53.0	53°06'N/6°56'E	53°32'N/5°54'E	53°44'N/7°37'E	52°28'N/6°16'E	52°39'N/7°56'E
8	2018-01-19 17:28:54.46	153-9A	52724.14	XF0W2	VV	31.87	8338	58.6	51°40'N/4°13'E	52°06'N/3°14'E	52°18'N/4°53'E	51°01'N/3°34'E	51°13'N/5°11'E
9	2018-01-23 05:48:04.38	153-59D	52774.35	XF0W2	HH	31.87	5022	35.3	52°00'N/6°52'E	53°38'N/6°29'E	52°27'N/7°52'E	51°34'N/5°53'E	52°21'N/7°31'E
11	2018-01-26 06:00:44.76	153-102D	52817.35	XF0W2	HH	31.87	1547	10.9	52°44'N/3°56'E	53°22'N/3°15'E	53°10'N/4°57'E	52°17'N/2°56'E	52°05'N/4°36'E
11	2018-01-26 06:01:01.76	153-102D	52817.36	XF0W2	HH	31.87	4999	35.1	51°44'N/3°38'E	52°22'N/2°58'E	52°10'N/4°37'E	51°17'N/2°39'E	51°05'N/4°17'E
12	2018-01-26 17:24:29.02	153-109A	52824.14	XF0W2	VV	31.87	2743	19.3	50°52'N/5°30'E	51°18'N/4°32'E	51°30'N/6°10'E	50°13'N/4°52'E	50°25'N/6°28'E
12	2018-01-26 17:24:46.02	153-109A	52824.14	XF0W2	VV	31.87	13105	92.1	51°52'N/5°12'E	52°18'N/4°13'E	52°30'N/5°53'E	51°13'N/4°33'E	51°25'N/6°11'E
12	2018-01-26 17:25:03.02	153-109A	52824.14	XF0W2	VV	31.87	8729	61.3	52°51'N/4°54'E	53°18'N/3°53'E	53°30'N/5°35'E	52°13'N/4°14'E	52°25'N/5°54'E
13	2018-02-02 05:56:27.80	153-202D	52917.35	XF0W2	HH	31.87	8932	62.8	53°01'N/5°04'E	53°40'N/4°23'E	53°28'N/6°06'E	52°35'N/4°04'E	52°23'N/5°44'E

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Programmable, Jan-Mar2018

Contact: Dr. Ir. van Loon, Dr. Ir. Jasper
Advisor Science and Applications
Provided by: Bhavina Patel

Acq #	Start Time	Orbit	Abs Orb	Beam	Polar	Inc Ang	Sqkm	Cov%	Lat/Long Center	Lat/Long NW	Lat/Long NE	Lat/Long SW	Lat/Long SE
13	2018-02-02 05:56:44.80	153-202D	52917.35	XF0W2	HH	31.87	11929	83.8	52°02'N/4°46'E	52°40'N/4°06'E	52°28'N/5°46'E	51°35'N/3°47'E	51°23'N/5°25'E
13	2018-02-02 05:57:01.80	153-202D	52917.36	XF0W2	HH	31.87	3066	21.5	51°02'N/4°28'E	51°40'N/3°49'E	51°28'N/5°27'E	50°35'N/3°31'E	50°23'N/5°06'E
14	2018-02-02 17:20:36.23	153-209A	52924.14	XF0W2	VV	31.87	10221	71.8	51°59'N/6°13'E	52°26'N/5°13'E	52°37'N/6°53'E	51°21'N/5°34'E	51°32'N/7°12'E
14	2018-02-02 17:20:53.23	153-209A	52924.14	XF0W2	VV	31.87	13404	94.2	52°59'N/5°55'E	53°25'N/4°53'E	53°37'N/6°36'E	52°20'N/5°15'E	52°32'N/6°55'E
15	2018-02-09 05:52:15.22	153-302D	53017.35	XF0W2	HH	31.87	12557	88.2	53°04'N/6°08'E	53°42'N/5°27'E	53°30'N/7°10'E	52°37'N/5°08'E	52°25'N/6°48'E
16	2018-02-09 05:52:32.18	153-302D	53017.35	XF0W2	HH	31.87	12760	89.7	52°04'N/5°50'E	52°42'N/5°10'E	52°31'N/6°50'E	51°37'N/4°51'E	51°26'N/6°29'E
16	2018-02-09 05:52:49.18	153-302D	53017.36	XF0W2	HH	31.87	4844	34.0	51°04'N/5°32'E	51°43'N/4°52'E	51°31'N/6°31'E	50°38'N/4°34'E	50°26'N/6°10'E
17	2018-02-09 17:16:26.40	153-309A	53024.14	XF0W2	HH	31.87	2962	20.8	52°06'N/7°14'E	52°33'N/6°14'E	52°45'N/7°54'E	51°28'N/6°35'E	51°40'N/8°13'E
17	2018-02-09 17:16:43.40	153-309A	53024.14	XF0W2	HH	31.87	7553	53.0	53°06'N/6°56'E	53°32'N/5°54'E	53°44'N/7°37'E	52°28'N/6°16'E	52°39'N/7°56'E
18	2018-02-12 17:28:54.46	154-9A	53067.14	XF0W2	VV	31.87	8338	58.6	51°40'N/4°13'E	52°06'N/3°14'E	52°18'N/4°53'E	51°01'N/3°34'E	51°13'N/5°11'E
19	2018-02-16 05:48:04.38	154-59D	53117.35	XF0W2	HH	31.87	5790	40.6	53°00'N/7°10'E	53°38'N/6°29'E	53°26'N/8°11'E	52°33'N/6°10'E	52°21'N/7°50'E
20	2018-02-16 05:48:21.35	154-59D	53117.35	XF0W2	HH	31.87	5022	35.3	52°00'N/6°52'E	52°39'N/6°11'E	52°27'N/7°52'E	51°34'N/5°53'E	51°22'N/7°31'E
21	2018-02-19 06:00:44.76	154-102D	53160.35	XF0W2	HH	31.87	1547	10.9	52°44'N/3°56'E	53°22'N/3°15'E	53°10'N/4°57'E	52°17'N/2°56'E	52°05'N/4°36'E
21	2018-02-19 06:01:01.76	154-102D	53160.36	XF0W2	HH	31.87	4999	35.1	51°44'N/3°38'E	52°22'N/2°58'E	52°10'N/4°37'E	51°17'N/2°39'E	51°05'N/4°17'E
22	2018-02-19 17:24:29.02	154-109A	53167.14	XF0W2	VV	31.87	2743	19.3	50°52'N/5°30'E	51°18'N/4°32'E	51°30'N/6°10'E	50°13'N/4°52'E	50°25'N/6°28'E
22	2018-02-19 17:24:46.02	154-109A	53167.14	XF0W2	VV	31.87	13105	92.1	51°52'N/5°12'E	52°18'N/4°13'E	52°30'N/5°53'E	51°13'N/4°33'E	51°25'N/6°11'E
22	2018-02-19 17:25:03.02	154-109A	53167.14	XF0W2	VV	31.87	8729	61.3	52°51'N/4°54'E	53°18'N/3°53'E	53°30'N/5°35'E	52°13'N/4°14'E	52°25'N/5°54'E
23	2018-02-26 05:56:27.80	154-202D	53260.35	XF0W2	HH	31.87	8932	62.8	53°01'N/5°04'E	53°40'N/4°23'E	53°28'N/6°06'E	52°35'N/4°04'E	52°23'N/5°44'E
23	2018-02-26 05:56:44.80	154-202D	53260.35	XF0W2	HH	31.87	11929	83.8	52°02'N/4°46'E	52°40'N/4°06'E	52°28'N/5°46'E	51°35'N/3°47'E	51°23'N/5°25'E
23	2018-02-26 05:57:01.80	154-202D	53260.36	XF0W2	HH	31.87	3066	21.5	51°02'N/4°28'E	51°40'N/3°49'E	51°28'N/5°27'E	50°35'N/3°31'E	50°23'N/5°06'E
24	2018-02-26 17:20:36.23	154-209A	53267.14	XF0W2	VV	31.87	10221	71.8	51°59'N/6°13'E	52°26'N/5°13'E	52°37'N/6°53'E	51°21'N/5°34'E	51°32'N/7°12'E
24	2018-02-26 17:20:53.23	154-209A	53267.14	XF0W2	VV	31.87	13404	94.2	52°59'N/5°55'E	53°25'N/4°53'E	53°37'N/6°36'E	52°20'N/5°15'E	52°32'N/6°55'E
25	2018-03-05 05:52:15.22	154-302D	53360.35	XF0W2	HH	31.87	12557	88.2	53°04'N/6°08'E	53°42'N/5°27'E	53°30'N/7°10'E	52°37'N/5°08'E	52°25'N/6°48'E
26	2018-03-05 05:52:32.18	154-302D	53360.35	XF0W2	HH	31.87	12760	89.7	52°04'N/5°50'E	52°42'N/5°10'E	52°31'N/6°50'E	51°37'N/4°51'E	51°26'N/6°29'E

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Advisor Science and Applications
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Acq #	Start Time	Orbit	Abs Orb	Beam	Polar	Inc Ang	Sqkm	Cov%	Lat/Long Center	Lat/Long NW	Lat/Long NE	Lat/Long SW	Lat/Long SE
26	2018-03-05 05:52:49.18	154-302D	53360.36	XF0W2	HH	31.87	4844	34.0	51°04'N/5°32'E	51°43'N/4°52'E	51°31'N/6°31'E	50°38'N/4°34'E	50°26'N/6°10'E
27	2018-03-05 17:16:26.40	154-309A	53367.14	XF0W2	HH	31.87	2962	20.8	52°06'N/7°14'E	52°33'N/6°14'E	52°45'N/7°54'E	51°28'N/6°35'E	51°40'N/8°13'E
27	2018-03-05 17:16:43.40	154-309A	53367.14	XF0W2	HH	31.87	7553	53.0	53°06'N/6°56'E	53°32'N/5°54'E	53°44'N/7°37'E	52°28'N/6°16'E	52°39'N/7°56'E
28	2018-03-08 17:28:54.46	155-9A	53410.14	XF0W2	VV	31.87	8338	58.6	51°40'N/4°13'E	52°06'N/3°14'E	52°18'N/4°53'E	51°01'N/3°34'E	51°13'N/5°11'E
29	2018-03-12 05:48:04.38	155-59D	53460.35	XF0W2	HH	31.87	5790	40.6	53°00'N/7°10'E	53°38'N/6°29'E	53°26'N/8°11'E	52°33'N/6°10'E	52°21'N/7°50'E
30	2018-03-12 05:48:21.35	155-59D	53460.35	XF0W2	HH	31.87	5022	35.3	52°00'N/6°52'E	52°39'N/6°11'E	52°27'N/7°52'E	51°34'N/5°53'E	51°22'N/7°31'E
31	2018-03-15 06:00:44.76	155-102D	53503.35	XF0W2	HH	31.87	1547	10.9	52°44'N/3°56'E	53°22'N/3°15'E	53°10'N/4°57'E	52°17'N/2°56'E	52°05'N/4°36'E
31	2018-03-15 06:01:01.76	155-102D	53503.36	XF0W2	HH	31.87	4999	35.1	51°44'N/3°38'E	52°22'N/2°58'E	52°10'N/4°37'E	51°17'N/2°39'E	51°05'N/4°17'E
32	2018-03-15 17:24:29.02	155-109A	53510.14	XF0W2	VV	31.87	2743	19.3	50°52'N/5°30'E	51°18'N/4°32'E	51°30'N/6°10'E	50°13'N/4°52'E	50°25'N/6°28'E
32	2018-03-15 17:24:46.02	155-109A	53510.14	XF0W2	VV	31.87	13105	92.1	51°52'N/5°12'E	52°18'N/4°13'E	52°30'N/5°53'E	51°13'N/4°33'E	51°25'N/6°11'E
32	2018-03-15 17:25:03.02	155-109A	53510.14	XF0W2	VV	31.87	8729	61.3	52°51'N/4°54'E	53°18'N/3°53'E	53°30'N/5°35'E	52°13'N/4°14'E	52°25'N/5°54'E
33	2018-03-22 05:56:27.80	155-202D	53603.35	XF0W2	HH	31.87	8932	62.8	53°01'N/5°04'E	53°40'N/4°23'E	53°28'N/6°06'E	52°35'N/4°04'E	52°23'N/5°44'E
33	2018-03-22 05:56:44.80	155-202D	53603.35	XF0W2	HH	31.87	11929	83.8	52°02'N/4°46'E	52°40'N/4°06'E	52°28'N/5°46'E	51°35'N/3°47'E	51°23'N/5°25'E
33	2018-03-22 05:57:01.80	155-202D	53603.36	XF0W2	HH	31.87	3066	21.5	51°02'N/4°28'E	51°40'N/3°49'E	51°28'N/5°27'E	50°35'N/3°31'E	50°23'N/5°06'E
34	2018-03-22 17:20:36.23	155-209A	53610.14	XF0W2	VV	31.87	10221	71.8	51°59'N/6°13'E	52°26'N/5°13'E	52°37'N/6°53'E	51°21'N/5°34'E	51°32'N/7°12'E
34	2018-03-22 17:20:53.23	155-209A	53610.14	XF0W2	VV	31.87	13404	94.2	52°59'N/5°55'E	53°25'N/4°53'E	53°37'N/6°36'E	52°20'N/5°15'E	52°32'N/6°55'E
35	2018-03-29 05:52:15.22	155-302D	53703.35	XF0W2	HH	31.87	12557	88.2	53°04'N/6°08'E	53°42'N/5°27'E	53°30'N/7°10'E	52°37'N/5°08'E	52°25'N/6°48'E
36	2018-03-29 05:52:32.18	155-302D	53703.35	XF0W2	HH	31.87	12760	89.7	52°04'N/5°50'E	52°42'N/5°10'E	52°31'N/6°50'E	51°37'N/4°51'E	51°26'N/6°29'E
36	2018-03-29 05:52:49.18	155-302D	53703.36	XF0W2	HH	31.87	4844	34.0	51°04'N/5°32'E	51°43'N/4°52'E	51°31'N/6°31'E	50°38'N/4°34'E	50°26'N/6°10'E
37	2018-03-29 17:16:26.40	155-309A	53710.14	XF0W2	HH	31.87	2962	20.8	52°06'N/7°14'E	52°33'N/6°14'E	52°45'N/7°54'E	51°28'N/6°35'E	51°40'N/8°13'E
37	2018-03-29 17:16:43.40	155-309A	53710.14	XF0W2	HH	31.87	7553	53.0	53°06'N/6°56'E	53°32'N/5°54'E	53°44'N/7°37'E	52°28'N/6°16'E	52°39'N/7°56'E

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Advisor Science and Applications
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Comments:

This Technical Proposal has been carefully prepared to respond to your data requirements and is valid until: 11/29/2017
After this date, we must regenerate another Technical Proposal. If you wish to place an order please sign below and return to MDA Geospatial Services Inc. (MDA GSI). Once this Technical Proposal is signed, you are bound to purchase the data acquired on your behalf.

Johan 19/12/2017

Signature/Date _____

Scene coordinates are subject to change up to +/- 5 km. All times in UTC (Universal Coordinated Time).



