

BepiColombo

FLIGHT REPORTS
of MPO-MAG

BC-MAG-TR-1008

Issue: 2 Revision: 1

2022-12-19

OVERVIEW OF
AVAILABLE MPO-MAG DATA
AND
DATA QUALITY ASSESSMENT

Mission Phase:	CRUISE-4
Time Period	August 13, 2021 - September 29, 2021

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1 Introduction

This document provides information about all available data and its quality for the time period between August 13, 2021 until September 29, 2021. This covers the Mission Cruise Phase 4 (CRUISE-4).

For every year, month and day where measurement data are available overview plots have been created. The data availability plots show all data calibration levels available. The science modes of the data are distinguished by different colors. An overview table of available data completes the data overview.

Furthermore a list of known relevant events happening onboard the s/c is present to give a hint, where the data quality might be diminished by s/c interference.

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1.1 Relevant Events for MPOMAG

Switch on	Switch off	EVENTS	VISIBLE	REFERENCE
		MPO SA maintenance: moving MPO SA by ± 2 deg in each direction between 2021-08-13T11:00 and 14:24 MIO back to dormant mode at 2021-08-11T10:56 MIO reactivated at 2021-08-14T09:20 until 2021-08-19		DR-08-13 DR-08-13 MOR #118 MOR #118 MOR #118
2021-08-23T14:10	2021-08-19T08:00	Venus swing-by TCM+1w is taking place after LOS, MPOMAG have been switched-off before AOS at 08.00. MPOMAG switch on after TCM		DR-08-15
		2021-08-28 SSMM Reset: MPO-MAG science gap from 2021-08-28T05:29:01 to 2021-08-28T06:19:01		DR-08-28
2021-09-03T15:03	2021-09-03T10:20	MPO-MAG switch off, AMEF002A, for SSMM reconfiguration MPO-MAG switch on after SSMM reconfiguration Blocked heat pipes test 15-Sep from 09:00 to 19:00. MPO-MAG stays on		DR-09-03 DR-09-03
2021-09-23T12:10	2021-09-21T23:10	MPO-MAG switched off due to IMU test MPO-MAG switch on (16 Hz)		PN, Tiago PN, Tiago
		REMARK: On the -X wing, most power is still being provided by the external panel APRs 20 to 30), with regulation being done on APR 2 and 4. On the +X wing, APR 7 and 13 to 29 are at 0, APR1 generates max. power, APR 3 and 5 are regulating.		MOR #123

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2 2021

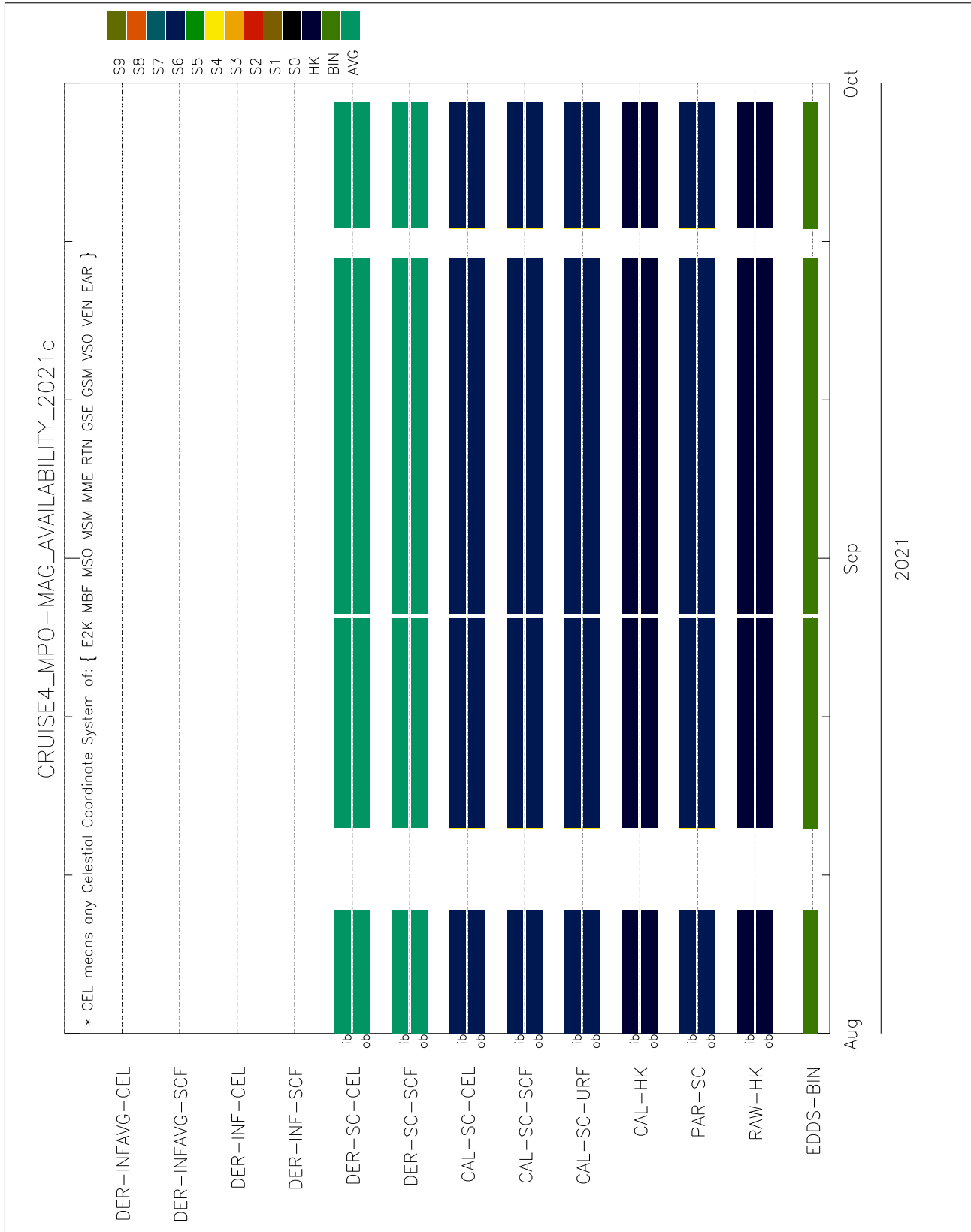


Figure 1: Overview 2021

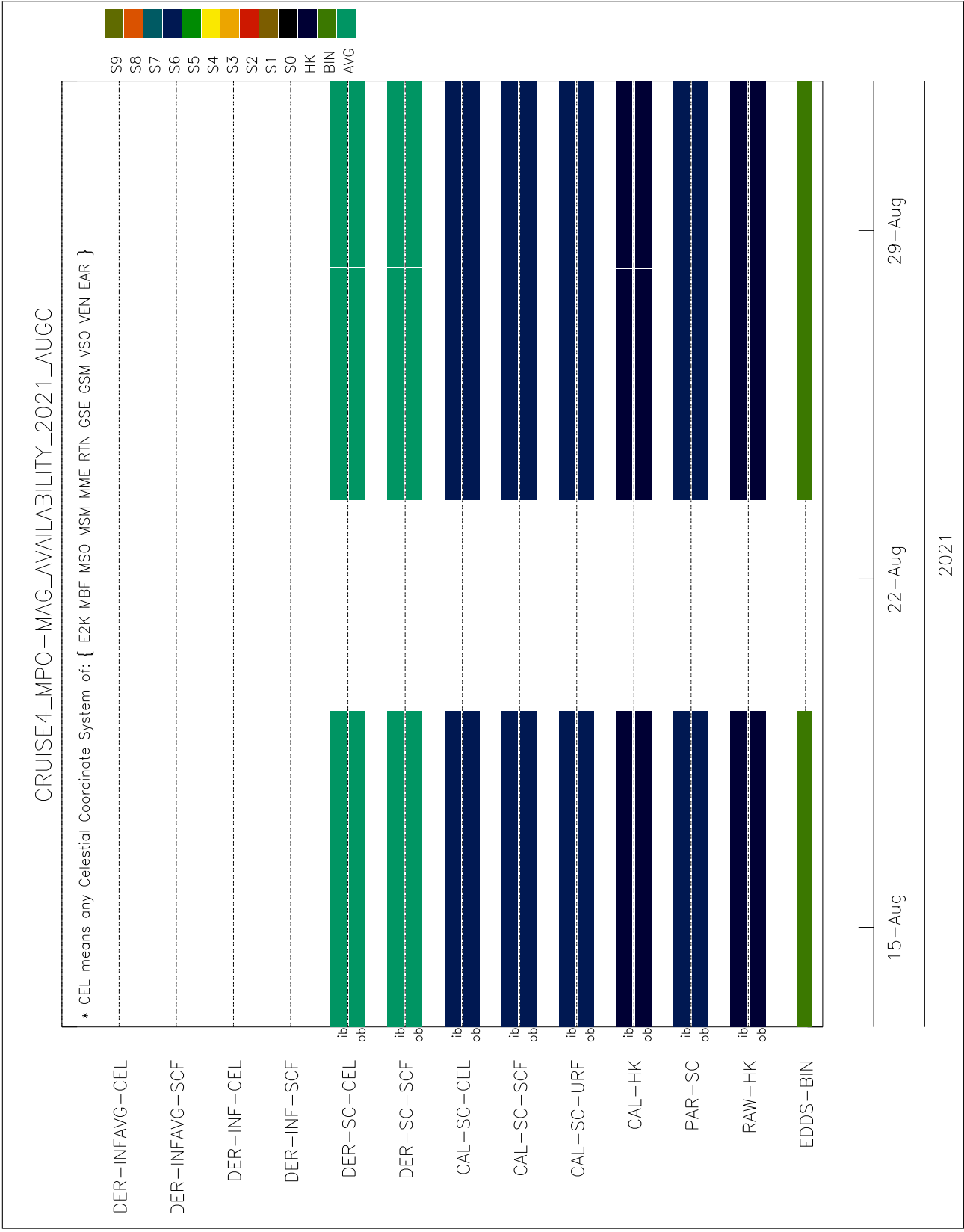


Figure 2: Overview August 2021

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DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-08-13	edds_bin	URF	all available
2021-08-13	raw_hk_ob	URF	standard HK rate
2021-08-13	cal_hk_ob	URF	standard HK rate
2021-08-13	par_sc_ob	URF	16
2021-08-13	cal_sc_ob	URF	16
2021-08-13	cal_sc_ob	SCF	16
2021-08-13	cal_sc_ob	E2K	16
2021-08-13	der_sc_ob	URF	N / A
2021-08-13	der_sc_ob	SCF	AVG
2021-08-13	der_sc_ob	E2K	AVG
2021-08-13	raw_hk_ib	URF	standard HK rate
2021-08-13	cal_hk_ib	URF	standard HK rate
2021-08-13	par_sc_ib	URF	16
2021-08-13	cal_sc_ib	URF	16
2021-08-13	cal_sc_ib	SCF	16
2021-08-13	cal_sc_ib	E2K	16
2021-08-13	der_sc_ib	URF	N / A
2021-08-13	der_sc_ib	SCF	AVG
2021-08-13	der_sc_ib	E2K	AVG
2021-08-13	der_inf	URF	N / A
2021-08-13	der_inf	SCF	N / A
2021-08-13	der_inf		M I S S I N G ! !
2021-08-14	edds_bin	URF	all available
2021-08-14	raw_hk_ob	URF	standard HK rate
2021-08-14	cal_hk_ob	URF	standard HK rate
2021-08-14	par_sc_ob	URF	16
2021-08-14	cal_sc_ob	URF	16
2021-08-14	cal_sc_ob	SCF	16
2021-08-14	cal_sc_ob	E2K	16
2021-08-14	der_sc_ob	URF	N / A
2021-08-14	der_sc_ob	SCF	AVG
2021-08-14	der_sc_ob	E2K	AVG
2021-08-14	raw_hk_ib	URF	standard HK rate
2021-08-14	cal_hk_ib	URF	standard HK rate
2021-08-14	par_sc_ib	URF	16
2021-08-14	cal_sc_ib	URF	16
2021-08-14	cal_sc_ib	SCF	16
2021-08-14	cal_sc_ib	E2K	16
2021-08-14	der_sc_ib	URF	N / A
2021-08-14	der_sc_ib	SCF	AVG
2021-08-14	der_sc_ib	E2K	AVG
2021-08-14	der_inf	URF	N / A
2021-08-14	der_inf	SCF	N / A
2021-08-14	der_inf		M I S S I N G ! !

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-08-15	edds_bin	URF	all available
2021-08-15	raw_hk_ob	URF	standard HK rate
2021-08-15	cal_hk_ob	URF	standard HK rate
2021-08-15	par_sc_ob	URF	16
2021-08-15	cal_sc_ob	URF	16
2021-08-15	cal_sc_ob	SCF	16
2021-08-15	cal_sc_ob	E2K	16
2021-08-15	der_sc_ob	URF	N / A
2021-08-15	der_sc_ob	SCF	AVG
2021-08-15	der_sc_ob	E2K	AVG
2021-08-15	raw_hk_ib	URF	standard HK rate
2021-08-15	cal_hk_ib	URF	standard HK rate
2021-08-15	par_sc_ib	URF	16
2021-08-15	cal_sc_ib	URF	16
2021-08-15	cal_sc_ib	SCF	16
2021-08-15	cal_sc_ib	E2K	16
2021-08-15	der_sc_ib	URF	N / A
2021-08-15	der_sc_ib	SCF	AVG
2021-08-15	der_sc_ib	E2K	AVG
2021-08-15	der_inf	URF	N / A
2021-08-15	der_inf	SCF	N / A
2021-08-15	der_inf		MISSING!!
2021-08-16	edds_bin	URF	all available
2021-08-16	raw_hk_ob	URF	standard HK rate
2021-08-16	cal_hk_ob	URF	standard HK rate
2021-08-16	par_sc_ob	URF	16
2021-08-16	cal_sc_ob	URF	16
2021-08-16	cal_sc_ob	SCF	16
2021-08-16	cal_sc_ob	E2K	16
2021-08-16	der_sc_ob	URF	N / A
2021-08-16	der_sc_ob	SCF	AVG
2021-08-16	der_sc_ob	E2K	AVG
2021-08-16	raw_hk_ib	URF	standard HK rate
2021-08-16	cal_hk_ib	URF	standard HK rate
2021-08-16	par_sc_ib	URF	16
2021-08-16	cal_sc_ib	URF	16
2021-08-16	cal_sc_ib	SCF	16
2021-08-16	cal_sc_ib	E2K	16
2021-08-16	der_sc_ib	URF	N / A
2021-08-16	der_sc_ib	SCF	AVG
2021-08-16	der_sc_ib	E2K	AVG
2021-08-16	der_inf	URF	N / A
2021-08-16	der_inf	SCF	N / A
2021-08-16	der_inf		MISSING!!

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DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-08-17	edds_bin	URF	all available
2021-08-17	raw_hk_ob	URF	standard HK rate
2021-08-17	cal_hk_ob	URF	standard HK rate
2021-08-17	par_sc_ob	URF	16
2021-08-17	cal_sc_ob	URF	16
2021-08-17	cal_sc_ob	SCF	16
2021-08-17	cal_sc_ob	E2K	16
2021-08-17	der_sc_ob	URF	N / A
2021-08-17	der_sc_ob	SCF	AVG
2021-08-17	der_sc_ob	E2K	AVG
2021-08-17	raw_hk_ib	URF	standard HK rate
2021-08-17	cal_hk_ib	URF	standard HK rate
2021-08-17	par_sc_ib	URF	16
2021-08-17	cal_sc_ib	URF	16
2021-08-17	cal_sc_ib	SCF	16
2021-08-17	cal_sc_ib	E2K	16
2021-08-17	der_sc_ib	URF	N / A
2021-08-17	der_sc_ib	SCF	AVG
2021-08-17	der_sc_ib	E2K	AVG
2021-08-17	der_inf	URF	N / A
2021-08-17	der_inf	SCF	N / A
2021-08-17	der_inf		M I S S I N G ! !
2021-08-18	edds_bin	URF	all available
2021-08-18	raw_hk_ob	URF	standard HK rate
2021-08-18	cal_hk_ob	URF	standard HK rate
2021-08-18	par_sc_ob	URF	16
2021-08-18	cal_sc_ob	URF	16
2021-08-18	cal_sc_ob	SCF	16
2021-08-18	cal_sc_ob	E2K	16
2021-08-18	der_sc_ob	URF	N / A
2021-08-18	der_sc_ob	SCF	AVG
2021-08-18	der_sc_ob	E2K	AVG
2021-08-18	raw_hk_ib	URF	standard HK rate
2021-08-18	cal_hk_ib	URF	standard HK rate
2021-08-18	par_sc_ib	URF	16
2021-08-18	cal_sc_ib	URF	16
2021-08-18	cal_sc_ib	SCF	16
2021-08-18	cal_sc_ib	E2K	16
2021-08-18	der_sc_ib	URF	N / A
2021-08-18	der_sc_ib	SCF	AVG
2021-08-18	der_sc_ib	E2K	AVG
2021-08-18	der_inf	URF	N / A
2021-08-18	der_inf	SCF	N / A
2021-08-18	der_inf		M I S S I N G ! !

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-08-19	edds_bin	URF	all available
2021-08-19	raw_hk_ob	URF	standard HK rate
2021-08-19	cal_hk_ob	URF	standard HK rate
2021-08-19	par_sc_ob	URF	16
2021-08-19	cal_sc_ob	URF	16
2021-08-19	cal_sc_ob	SCF	16
2021-08-19	cal_sc_ob	E2K	16
2021-08-19	der_sc_ob	URF	N / A
2021-08-19	der_sc_ob	SCF	AVG
2021-08-19	der_sc_ob	E2K	AVG
2021-08-19	raw_hk_ib	URF	standard HK rate
2021-08-19	cal_hk_ib	URF	standard HK rate
2021-08-19	par_sc_ib	URF	16
2021-08-19	cal_sc_ib	URF	16
2021-08-19	cal_sc_ib	SCF	16
2021-08-19	cal_sc_ib	E2K	16
2021-08-19	der_sc_ib	URF	N / A
2021-08-19	der_sc_ib	SCF	AVG
2021-08-19	der_sc_ib	E2K	AVG
2021-08-19	der_inf	URF	N / A
2021-08-19	der_inf	SCF	N / A
2021-08-19	der_inf		MISSING!!
2021-08-23	edds_bin	URF	all available
2021-08-23	raw_hk_ob	URF	standard HK rate
2021-08-23	cal_hk_ob	URF	standard HK rate
2021-08-23	par_sc_ob	URF	4 16
2021-08-23	cal_sc_ob	URF	4 16
2021-08-23	cal_sc_ob	SCF	4 16
2021-08-23	cal_sc_ob	E2K	4 16
2021-08-23	der_sc_ob	URF	N / A
2021-08-23	der_sc_ob	SCF	AVG
2021-08-23	der_sc_ob	E2K	AVG
2021-08-23	raw_hk_ib	URF	standard HK rate
2021-08-23	cal_hk_ib	URF	standard HK rate
2021-08-23	par_sc_ib	URF	4 16
2021-08-23	cal_sc_ib	URF	4 16
2021-08-23	cal_sc_ib	SCF	4 16
2021-08-23	cal_sc_ib	E2K	4 16
2021-08-23	der_sc_ib	URF	N / A
2021-08-23	der_sc_ib	SCF	AVG
2021-08-23	der_sc_ib	E2K	AVG
2021-08-23	der_inf	URF	N / A
2021-08-23	der_inf	SCF	N / A
2021-08-23	der_inf		MISSING!!

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2021-08-24	edds_bin	URF	all available
2021-08-24	raw_hk_ob	URF	standard HK rate
2021-08-24	cal_hk_ob	URF	standard HK rate
2021-08-24	par_sc_ob	URF	16
2021-08-24	cal_sc_ob	URF	16
2021-08-24	cal_sc_ob	SCF	16
2021-08-24	cal_sc_ob	E2K	16
2021-08-24	der_sc_ob	URF	N / A
2021-08-24	der_sc_ob	SCF	AVG
2021-08-24	der_sc_ob	E2K	AVG
2021-08-24	raw_hk_ib	URF	standard HK rate
2021-08-24	cal_hk_ib	URF	standard HK rate
2021-08-24	par_sc_ib	URF	16
2021-08-24	cal_sc_ib	URF	16
2021-08-24	cal_sc_ib	SCF	16
2021-08-24	cal_sc_ib	E2K	16
2021-08-24	der_sc_ib	URF	N / A
2021-08-24	der_sc_ib	SCF	AVG
2021-08-24	der_sc_ib	E2K	AVG
2021-08-24	der_inf	URF	N / A
2021-08-24	der_inf	SCF	N / A
2021-08-24	der_inf		M I S S I N G ! !
2021-08-25	edds_bin	URF	all available
2021-08-25	raw_hk_ob	URF	standard HK rate
2021-08-25	cal_hk_ob	URF	standard HK rate
2021-08-25	par_sc_ob	URF	16
2021-08-25	cal_sc_ob	URF	16
2021-08-25	cal_sc_ob	SCF	16
2021-08-25	cal_sc_ob	E2K	16
2021-08-25	der_sc_ob	URF	N / A
2021-08-25	der_sc_ob	SCF	AVG
2021-08-25	der_sc_ob	E2K	AVG
2021-08-25	raw_hk_ib	URF	standard HK rate
2021-08-25	cal_hk_ib	URF	standard HK rate
2021-08-25	par_sc_ib	URF	16
2021-08-25	cal_sc_ib	URF	16
2021-08-25	cal_sc_ib	SCF	16
2021-08-25	cal_sc_ib	E2K	16
2021-08-25	der_sc_ib	URF	N / A
2021-08-25	der_sc_ib	SCF	AVG
2021-08-25	der_sc_ib	E2K	AVG
2021-08-25	der_inf	URF	N / A
2021-08-25	der_inf	SCF	N / A
2021-08-25	der_inf		M I S S I N G ! !

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-08-26	edds_bin	URF	all available
2021-08-26	raw_hk_ob	URF	standard HK rate
2021-08-26	cal_hk_ob	URF	standard HK rate
2021-08-26	par_sc_ob	URF	16
2021-08-26	cal_sc_ob	URF	16
2021-08-26	cal_sc_ob	SCF	16
2021-08-26	cal_sc_ob	E2K	16
2021-08-26	der_sc_ob	URF	N / A
2021-08-26	der_sc_ob	SCF	AVG
2021-08-26	der_sc_ob	E2K	AVG
2021-08-26	raw_hk_ib	URF	standard HK rate
2021-08-26	cal_hk_ib	URF	standard HK rate
2021-08-26	par_sc_ib	URF	16
2021-08-26	cal_sc_ib	URF	16
2021-08-26	cal_sc_ib	SCF	16
2021-08-26	cal_sc_ib	E2K	16
2021-08-26	der_sc_ib	URF	N / A
2021-08-26	der_sc_ib	SCF	AVG
2021-08-26	der_sc_ib	E2K	AVG
2021-08-26	der_inf	URF	N / A
2021-08-26	der_inf	SCF	N / A
2021-08-26	der_inf		MISSING!!
2021-08-27	edds_bin	URF	all available
2021-08-27	raw_hk_ob	URF	standard HK rate
2021-08-27	cal_hk_ob	URF	standard HK rate
2021-08-27	par_sc_ob	URF	16
2021-08-27	cal_sc_ob	URF	16
2021-08-27	cal_sc_ob	SCF	16
2021-08-27	cal_sc_ob	E2K	16
2021-08-27	der_sc_ob	URF	N / A
2021-08-27	der_sc_ob	SCF	AVG
2021-08-27	der_sc_ob	E2K	AVG
2021-08-27	raw_hk_ib	URF	standard HK rate
2021-08-27	cal_hk_ib	URF	standard HK rate
2021-08-27	par_sc_ib	URF	16
2021-08-27	cal_sc_ib	URF	16
2021-08-27	cal_sc_ib	SCF	16
2021-08-27	cal_sc_ib	E2K	16
2021-08-27	der_sc_ib	URF	N / A
2021-08-27	der_sc_ib	SCF	AVG
2021-08-27	der_sc_ib	E2K	AVG
2021-08-27	der_inf	URF	N / A
2021-08-27	der_inf	SCF	N / A
2021-08-27	der_inf		MISSING!!

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2021-08-28	edds_bin	URF	all available
2021-08-28	raw_hk_ob	URF	standard HK rate
2021-08-28	cal_hk_ob	URF	standard HK rate
2021-08-28	par_sc_ob	URF	16
2021-08-28	cal_sc_ob	URF	16
2021-08-28	cal_sc_ob	SCF	16
2021-08-28	cal_sc_ob	E2K	16
2021-08-28	der_sc_ob	URF	N / A
2021-08-28	der_sc_ob	SCF	AVG
2021-08-28	der_sc_ob	E2K	AVG
2021-08-28	raw_hk_ib	URF	standard HK rate
2021-08-28	cal_hk_ib	URF	standard HK rate
2021-08-28	par_sc_ib	URF	16
2021-08-28	cal_sc_ib	URF	16
2021-08-28	cal_sc_ib	SCF	16
2021-08-28	cal_sc_ib	E2K	16
2021-08-28	der_sc_ib	URF	N / A
2021-08-28	der_sc_ib	SCF	AVG
2021-08-28	der_sc_ib	E2K	AVG
2021-08-28	der_inf	URF	N / A
2021-08-28	der_inf	SCF	N / A
2021-08-28	der_inf		MISSING!!
2021-08-29	edds_bin	URF	all available
2021-08-29	raw_hk_ob	URF	standard HK rate
2021-08-29	cal_hk_ob	URF	standard HK rate
2021-08-29	par_sc_ob	URF	16
2021-08-29	cal_sc_ob	URF	16
2021-08-29	cal_sc_ob	SCF	16
2021-08-29	cal_sc_ob	E2K	16
2021-08-29	der_sc_ob	URF	N / A
2021-08-29	der_sc_ob	SCF	AVG
2021-08-29	der_sc_ob	E2K	AVG
2021-08-29	raw_hk_ib	URF	standard HK rate
2021-08-29	cal_hk_ib	URF	standard HK rate
2021-08-29	par_sc_ib	URF	16
2021-08-29	cal_sc_ib	URF	16
2021-08-29	cal_sc_ib	SCF	16
2021-08-29	cal_sc_ib	E2K	16
2021-08-29	der_sc_ib	URF	N / A
2021-08-29	der_sc_ib	SCF	AVG
2021-08-29	der_sc_ib	E2K	AVG
2021-08-29	der_inf	URF	N / A
2021-08-29	der_inf	SCF	N / A
2021-08-29	der_inf		MISSING!!

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-08-30	edds_bin	URF	all available
2021-08-30	raw_hk_ob	URF	standard HK rate
2021-08-30	cal_hk_ob	URF	standard HK rate
2021-08-30	par_sc_ob	URF	16
2021-08-30	cal_sc_ob	URF	16
2021-08-30	cal_sc_ob	SCF	16
2021-08-30	cal_sc_ob	E2K	16
2021-08-30	der_sc_ob	URF	N / A
2021-08-30	der_sc_ob	SCF	AVG
2021-08-30	der_sc_ob	E2K	AVG
2021-08-30	raw_hk_ib	URF	standard HK rate
2021-08-30	cal_hk_ib	URF	standard HK rate
2021-08-30	par_sc_ib	URF	16
2021-08-30	cal_sc_ib	URF	16
2021-08-30	cal_sc_ib	SCF	16
2021-08-30	cal_sc_ib	E2K	16
2021-08-30	der_sc_ib	URF	N / A
2021-08-30	der_sc_ib	SCF	AVG
2021-08-30	der_sc_ib	E2K	AVG
2021-08-30	der_inf	URF	N / A
2021-08-30	der_inf	SCF	N / A
2021-08-30	der_inf		MISSING!!
2021-08-31	edds_bin	URF	all available
2021-08-31	raw_hk_ob	URF	standard HK rate
2021-08-31	cal_hk_ob	URF	standard HK rate
2021-08-31	par_sc_ob	URF	16
2021-08-31	cal_sc_ob	URF	16
2021-08-31	cal_sc_ob	SCF	16
2021-08-31	cal_sc_ob	E2K	16
2021-08-31	der_sc_ob	URF	N / A
2021-08-31	der_sc_ob	SCF	AVG
2021-08-31	der_sc_ob	E2K	AVG
2021-08-31	raw_hk_ib	URF	standard HK rate
2021-08-31	cal_hk_ib	URF	standard HK rate
2021-08-31	par_sc_ib	URF	16
2021-08-31	cal_sc_ib	URF	16
2021-08-31	cal_sc_ib	SCF	16
2021-08-31	cal_sc_ib	E2K	16
2021-08-31	der_sc_ib	URF	N / A
2021-08-31	der_sc_ib	SCF	AVG
2021-08-31	der_sc_ib	E2K	AVG
2021-08-31	der_inf	URF	N / A
2021-08-31	der_inf	SCF	N / A
2021-08-31	der_inf		MISSING!!

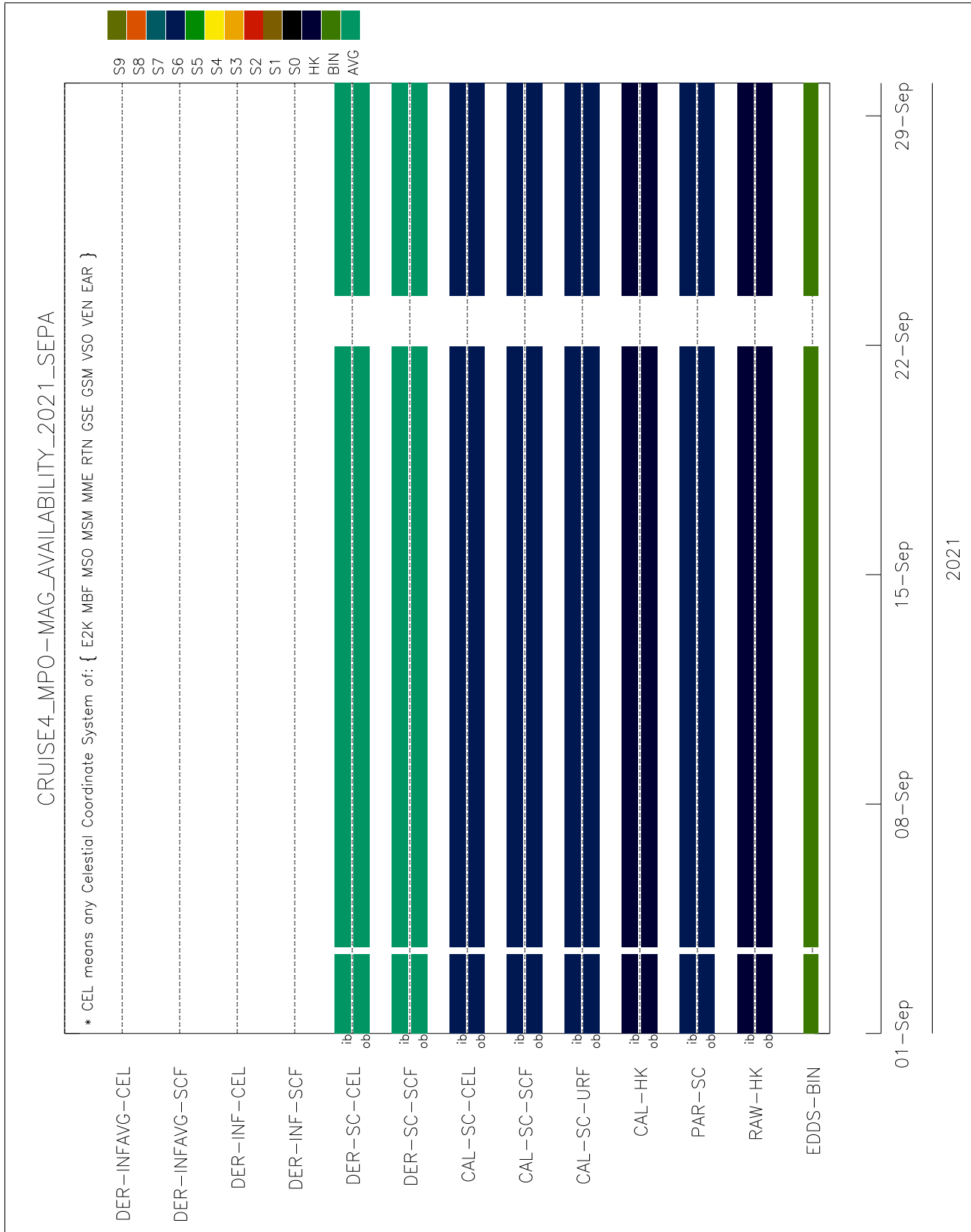


Figure 3: Overview September 2021

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-09-01	edds_bin	URF	all available
2021-09-01	raw_hk_ob	URF	standard HK rate
2021-09-01	cal_hk_ob	URF	standard HK rate
2021-09-01	par_sc_ob	URF	16
2021-09-01	cal_sc_ob	URF	16
2021-09-01	cal_sc_ob	SCF	16
2021-09-01	cal_sc_ob	E2K	16
2021-09-01	der_sc_ob	URF	N / A
2021-09-01	der_sc_ob	SCF	AVG
2021-09-01	der_sc_ob	E2K	AVG
2021-09-01	raw_hk_ib	URF	standard HK rate
2021-09-01	cal_hk_ib	URF	standard HK rate
2021-09-01	par_sc_ib	URF	16
2021-09-01	cal_sc_ib	URF	16
2021-09-01	cal_sc_ib	SCF	16
2021-09-01	cal_sc_ib	E2K	16
2021-09-01	der_sc_ib	URF	N / A
2021-09-01	der_sc_ib	SCF	AVG
2021-09-01	der_sc_ib	E2K	AVG
2021-09-01	der_inf	URF	N / A
2021-09-01	der_inf	SCF	N / A
2021-09-01	der_inf		MISSING!!
2021-09-02	edds_bin	URF	all available
2021-09-02	raw_hk_ob	URF	standard HK rate
2021-09-02	cal_hk_ob	URF	standard HK rate
2021-09-02	par_sc_ob	URF	16
2021-09-02	cal_sc_ob	URF	16
2021-09-02	cal_sc_ob	SCF	16
2021-09-02	cal_sc_ob	E2K	16
2021-09-02	der_sc_ob	URF	N / A
2021-09-02	der_sc_ob	SCF	AVG
2021-09-02	der_sc_ob	E2K	AVG
2021-09-02	raw_hk_ib	URF	standard HK rate
2021-09-02	cal_hk_ib	URF	standard HK rate
2021-09-02	par_sc_ib	URF	16
2021-09-02	cal_sc_ib	URF	16
2021-09-02	cal_sc_ib	SCF	16
2021-09-02	cal_sc_ib	E2K	16
2021-09-02	der_sc_ib	URF	N / A
2021-09-02	der_sc_ib	SCF	AVG
2021-09-02	der_sc_ib	E2K	AVG
2021-09-02	der_inf	URF	N / A
2021-09-02	der_inf	SCF	N / A
2021-09-02	der_inf		MISSING!!

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DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-09-03	edds_bin	URF	all available
2021-09-03	raw_hk_ob	URF	standard HK rate
2021-09-03	cal_hk_ob	URF	standard HK rate
2021-09-03	par_sc_ob	URF	4 16
2021-09-03	cal_sc_ob	URF	4 16
2021-09-03	cal_sc_ob	SCF	4 16
2021-09-03	cal_sc_ob	E2K	4 16
2021-09-03	der_sc_ob	URF	N / A
2021-09-03	der_sc_ob	SCF	AVG
2021-09-03	der_sc_ob	E2K	AVG
2021-09-03	raw_hk_ib	URF	standard HK rate
2021-09-03	cal_hk_ib	URF	standard HK rate
2021-09-03	par_sc_ib	URF	4 16
2021-09-03	cal_sc_ib	URF	4 16
2021-09-03	cal_sc_ib	SCF	4 16
2021-09-03	cal_sc_ib	E2K	4 16
2021-09-03	der_sc_ib	URF	N / A
2021-09-03	der_sc_ib	SCF	AVG
2021-09-03	der_sc_ib	E2K	AVG
2021-09-03	der_inf	URF	N / A
2021-09-03	der_inf	SCF	N / A
2021-09-03	der_inf		M I S S I N G ! !
2021-09-04	edds_bin	URF	all available
2021-09-04	raw_hk_ob	URF	standard HK rate
2021-09-04	cal_hk_ob	URF	standard HK rate
2021-09-04	par_sc_ob	URF	16
2021-09-04	cal_sc_ob	URF	16
2021-09-04	cal_sc_ob	SCF	16
2021-09-04	cal_sc_ob	E2K	16
2021-09-04	der_sc_ob	URF	N / A
2021-09-04	der_sc_ob	SCF	AVG
2021-09-04	der_sc_ob	E2K	AVG
2021-09-04	raw_hk_ib	URF	standard HK rate
2021-09-04	cal_hk_ib	URF	standard HK rate
2021-09-04	par_sc_ib	URF	16
2021-09-04	cal_sc_ib	URF	16
2021-09-04	cal_sc_ib	SCF	16
2021-09-04	cal_sc_ib	E2K	16
2021-09-04	der_sc_ib	URF	N / A
2021-09-04	der_sc_ib	SCF	AVG
2021-09-04	der_sc_ib	E2K	AVG
2021-09-04	der_inf	URF	N / A
2021-09-04	der_inf	SCF	N / A
2021-09-04	der_inf		M I S S I N G ! !

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-09-05	edds_bin	URF	all available
2021-09-05	raw_hk_ob	URF	standard HK rate
2021-09-05	cal_hk_ob	URF	standard HK rate
2021-09-05	par_sc_ob	URF	16
2021-09-05	cal_sc_ob	URF	16
2021-09-05	cal_sc_ob	SCF	16
2021-09-05	cal_sc_ob	E2K	16
2021-09-05	der_sc_ob	URF	N / A
2021-09-05	der_sc_ob	SCF	AVG
2021-09-05	der_sc_ob	E2K	AVG
2021-09-05	raw_hk_ib	URF	standard HK rate
2021-09-05	cal_hk_ib	URF	standard HK rate
2021-09-05	par_sc_ib	URF	16
2021-09-05	cal_sc_ib	URF	16
2021-09-05	cal_sc_ib	SCF	16
2021-09-05	cal_sc_ib	E2K	16
2021-09-05	der_sc_ib	URF	N / A
2021-09-05	der_sc_ib	SCF	AVG
2021-09-05	der_sc_ib	E2K	AVG
2021-09-05	der_inf	URF	N / A
2021-09-05	der_inf	SCF	N / A
2021-09-05	der_inf		MISSING!!
2021-09-06	edds_bin	URF	all available
2021-09-06	raw_hk_ob	URF	standard HK rate
2021-09-06	cal_hk_ob	URF	standard HK rate
2021-09-06	par_sc_ob	URF	16
2021-09-06	cal_sc_ob	URF	16
2021-09-06	cal_sc_ob	SCF	16
2021-09-06	cal_sc_ob	E2K	16
2021-09-06	der_sc_ob	URF	N / A
2021-09-06	der_sc_ob	SCF	AVG
2021-09-06	der_sc_ob	E2K	AVG
2021-09-06	raw_hk_ib	URF	standard HK rate
2021-09-06	cal_hk_ib	URF	standard HK rate
2021-09-06	par_sc_ib	URF	16
2021-09-06	cal_sc_ib	URF	16
2021-09-06	cal_sc_ib	SCF	16
2021-09-06	cal_sc_ib	E2K	16
2021-09-06	der_sc_ib	URF	N / A
2021-09-06	der_sc_ib	SCF	AVG
2021-09-06	der_sc_ib	E2K	AVG
2021-09-06	der_inf	URF	N / A
2021-09-06	der_inf	SCF	N / A
2021-09-06	der_inf		MISSING!!

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2021-09-07	edds_bin	URF	all available
2021-09-07	raw_hk_ob	URF	standard HK rate
2021-09-07	cal_hk_ob	URF	standard HK rate
2021-09-07	par_sc_ob	URF	16
2021-09-07	cal_sc_ob	URF	16
2021-09-07	cal_sc_ob	SCF	16
2021-09-07	cal_sc_ob	E2K	16
2021-09-07	der_sc_ob	URF	N / A
2021-09-07	der_sc_ob	SCF	AVG
2021-09-07	der_sc_ob	E2K	AVG
2021-09-07	raw_hk_ib	URF	standard HK rate
2021-09-07	cal_hk_ib	URF	standard HK rate
2021-09-07	par_sc_ib	URF	16
2021-09-07	cal_sc_ib	URF	16
2021-09-07	cal_sc_ib	SCF	16
2021-09-07	cal_sc_ib	E2K	16
2021-09-07	der_sc_ib	URF	N / A
2021-09-07	der_sc_ib	SCF	AVG
2021-09-07	der_sc_ib	E2K	AVG
2021-09-07	der_inf	URF	N / A
2021-09-07	der_inf	SCF	N / A
2021-09-07	der_inf		M I S S I N G ! !
2021-09-08	edds_bin	URF	all available
2021-09-08	raw_hk_ob	URF	standard HK rate
2021-09-08	cal_hk_ob	URF	standard HK rate
2021-09-08	par_sc_ob	URF	16
2021-09-08	cal_sc_ob	URF	16
2021-09-08	cal_sc_ob	SCF	16
2021-09-08	cal_sc_ob	E2K	16
2021-09-08	der_sc_ob	URF	N / A
2021-09-08	der_sc_ob	SCF	AVG
2021-09-08	der_sc_ob	E2K	AVG
2021-09-08	raw_hk_ib	URF	standard HK rate
2021-09-08	cal_hk_ib	URF	standard HK rate
2021-09-08	par_sc_ib	URF	16
2021-09-08	cal_sc_ib	URF	16
2021-09-08	cal_sc_ib	SCF	16
2021-09-08	cal_sc_ib	E2K	16
2021-09-08	der_sc_ib	URF	N / A
2021-09-08	der_sc_ib	SCF	AVG
2021-09-08	der_sc_ib	E2K	AVG
2021-09-08	der_inf	URF	N / A
2021-09-08	der_inf	SCF	N / A
2021-09-08	der_inf		M I S S I N G ! !

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-09-09	edds_bin	URF	all available
2021-09-09	raw_hk_ob	URF	standard HK rate
2021-09-09	cal_hk_ob	URF	standard HK rate
2021-09-09	par_sc_ob	URF	16
2021-09-09	cal_sc_ob	URF	16
2021-09-09	cal_sc_ob	SCF	16
2021-09-09	cal_sc_ob	E2K	16
2021-09-09	der_sc_ob	URF	N / A
2021-09-09	der_sc_ob	SCF	AVG
2021-09-09	der_sc_ob	E2K	AVG
2021-09-09	raw_hk_ib	URF	standard HK rate
2021-09-09	cal_hk_ib	URF	standard HK rate
2021-09-09	par_sc_ib	URF	16
2021-09-09	cal_sc_ib	URF	16
2021-09-09	cal_sc_ib	SCF	16
2021-09-09	cal_sc_ib	E2K	16
2021-09-09	der_sc_ib	URF	N / A
2021-09-09	der_sc_ib	SCF	AVG
2021-09-09	der_sc_ib	E2K	AVG
2021-09-09	der_inf	URF	N / A
2021-09-09	der_inf	SCF	N / A
2021-09-09	der_inf		MISSING!!
2021-09-10	edds_bin	URF	all available
2021-09-10	raw_hk_ob	URF	standard HK rate
2021-09-10	cal_hk_ob	URF	standard HK rate
2021-09-10	par_sc_ob	URF	16
2021-09-10	cal_sc_ob	URF	16
2021-09-10	cal_sc_ob	SCF	16
2021-09-10	cal_sc_ob	E2K	16
2021-09-10	der_sc_ob	URF	N / A
2021-09-10	der_sc_ob	SCF	AVG
2021-09-10	der_sc_ob	E2K	AVG
2021-09-10	raw_hk_ib	URF	standard HK rate
2021-09-10	cal_hk_ib	URF	standard HK rate
2021-09-10	par_sc_ib	URF	16
2021-09-10	cal_sc_ib	URF	16
2021-09-10	cal_sc_ib	SCF	16
2021-09-10	cal_sc_ib	E2K	16
2021-09-10	der_sc_ib	URF	N / A
2021-09-10	der_sc_ib	SCF	AVG
2021-09-10	der_sc_ib	E2K	AVG
2021-09-10	der_inf	URF	N / A
2021-09-10	der_inf	SCF	N / A
2021-09-10	der_inf		MISSING!!

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2021-09-11	edds_bin	URF	all available
2021-09-11	raw_hk_ob	URF	standard HK rate
2021-09-11	cal_hk_ob	URF	standard HK rate
2021-09-11	par_sc_ob	URF	16
2021-09-11	cal_sc_ob	URF	16
2021-09-11	cal_sc_ob	SCF	16
2021-09-11	cal_sc_ob	E2K	16
2021-09-11	der_sc_ob	URF	N / A
2021-09-11	der_sc_ob	SCF	AVG
2021-09-11	der_sc_ob	E2K	AVG
2021-09-11	raw_hk_ib	URF	standard HK rate
2021-09-11	cal_hk_ib	URF	standard HK rate
2021-09-11	par_sc_ib	URF	16
2021-09-11	cal_sc_ib	URF	16
2021-09-11	cal_sc_ib	SCF	16
2021-09-11	cal_sc_ib	E2K	16
2021-09-11	der_sc_ib	URF	N / A
2021-09-11	der_sc_ib	SCF	AVG
2021-09-11	der_sc_ib	E2K	AVG
2021-09-11	der_inf	URF	N / A
2021-09-11	der_inf	SCF	N / A
2021-09-11	der_inf		M I S S I N G ! !
2021-09-12	edds_bin	URF	all available
2021-09-12	raw_hk_ob	URF	standard HK rate
2021-09-12	cal_hk_ob	URF	standard HK rate
2021-09-12	par_sc_ob	URF	16
2021-09-12	cal_sc_ob	URF	16
2021-09-12	cal_sc_ob	SCF	16
2021-09-12	cal_sc_ob	E2K	16
2021-09-12	der_sc_ob	URF	N / A
2021-09-12	der_sc_ob	SCF	AVG
2021-09-12	der_sc_ob	E2K	AVG
2021-09-12	raw_hk_ib	URF	standard HK rate
2021-09-12	cal_hk_ib	URF	standard HK rate
2021-09-12	par_sc_ib	URF	16
2021-09-12	cal_sc_ib	URF	16
2021-09-12	cal_sc_ib	SCF	16
2021-09-12	cal_sc_ib	E2K	16
2021-09-12	der_sc_ib	URF	N / A
2021-09-12	der_sc_ib	SCF	AVG
2021-09-12	der_sc_ib	E2K	AVG
2021-09-12	der_inf	URF	N / A
2021-09-12	der_inf	SCF	N / A
2021-09-12	der_inf		M I S S I N G ! !

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-09-13	edds_bin	URF	all available
2021-09-13	raw_hk_ob	URF	standard HK rate
2021-09-13	cal_hk_ob	URF	standard HK rate
2021-09-13	par_sc_ob	URF	16
2021-09-13	cal_sc_ob	URF	16
2021-09-13	cal_sc_ob	SCF	16
2021-09-13	cal_sc_ob	E2K	16
2021-09-13	der_sc_ob	URF	N / A
2021-09-13	der_sc_ob	SCF	AVG
2021-09-13	der_sc_ob	E2K	AVG
2021-09-13	raw_hk_ib	URF	standard HK rate
2021-09-13	cal_hk_ib	URF	standard HK rate
2021-09-13	par_sc_ib	URF	16
2021-09-13	cal_sc_ib	URF	16
2021-09-13	cal_sc_ib	SCF	16
2021-09-13	cal_sc_ib	E2K	16
2021-09-13	der_sc_ib	URF	N / A
2021-09-13	der_sc_ib	SCF	AVG
2021-09-13	der_sc_ib	E2K	AVG
2021-09-13	der_inf	URF	N / A
2021-09-13	der_inf	SCF	N / A
2021-09-13	der_inf		MISSING!!
2021-09-14	edds_bin	URF	all available
2021-09-14	raw_hk_ob	URF	standard HK rate
2021-09-14	cal_hk_ob	URF	standard HK rate
2021-09-14	par_sc_ob	URF	16
2021-09-14	cal_sc_ob	URF	16
2021-09-14	cal_sc_ob	SCF	16
2021-09-14	cal_sc_ob	E2K	16
2021-09-14	der_sc_ob	URF	N / A
2021-09-14	der_sc_ob	SCF	AVG
2021-09-14	der_sc_ob	E2K	AVG
2021-09-14	raw_hk_ib	URF	standard HK rate
2021-09-14	cal_hk_ib	URF	standard HK rate
2021-09-14	par_sc_ib	URF	16
2021-09-14	cal_sc_ib	URF	16
2021-09-14	cal_sc_ib	SCF	16
2021-09-14	cal_sc_ib	E2K	16
2021-09-14	der_sc_ib	URF	N / A
2021-09-14	der_sc_ib	SCF	AVG
2021-09-14	der_sc_ib	E2K	AVG
2021-09-14	der_inf	URF	N / A
2021-09-14	der_inf	SCF	N / A
2021-09-14	der_inf		MISSING!!

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2021-09-15	edds_bin	URF	all available
2021-09-15	raw_hk_ob	URF	standard HK rate
2021-09-15	cal_hk_ob	URF	standard HK rate
2021-09-15	par_sc_ob	URF	16
2021-09-15	cal_sc_ob	URF	16
2021-09-15	cal_sc_ob	SCF	16
2021-09-15	cal_sc_ob	E2K	16
2021-09-15	der_sc_ob	URF	N / A
2021-09-15	der_sc_ob	SCF	AVG
2021-09-15	der_sc_ob	E2K	AVG
2021-09-15	raw_hk_ib	URF	standard HK rate
2021-09-15	cal_hk_ib	URF	standard HK rate
2021-09-15	par_sc_ib	URF	16
2021-09-15	cal_sc_ib	URF	16
2021-09-15	cal_sc_ib	SCF	16
2021-09-15	cal_sc_ib	E2K	16
2021-09-15	der_sc_ib	URF	N / A
2021-09-15	der_sc_ib	SCF	AVG
2021-09-15	der_sc_ib	E2K	AVG
2021-09-15	der_inf	URF	N / A
2021-09-15	der_inf	SCF	N / A
2021-09-15	der_inf		MISSING!!
2021-09-16	edds_bin	URF	all available
2021-09-16	raw_hk_ob	URF	standard HK rate
2021-09-16	cal_hk_ob	URF	standard HK rate
2021-09-16	par_sc_ob	URF	16
2021-09-16	cal_sc_ob	URF	16
2021-09-16	cal_sc_ob	SCF	16
2021-09-16	cal_sc_ob	E2K	16
2021-09-16	der_sc_ob	URF	N / A
2021-09-16	der_sc_ob	SCF	AVG
2021-09-16	der_sc_ob	E2K	AVG
2021-09-16	raw_hk_ib	URF	standard HK rate
2021-09-16	cal_hk_ib	URF	standard HK rate
2021-09-16	par_sc_ib	URF	16
2021-09-16	cal_sc_ib	URF	16
2021-09-16	cal_sc_ib	SCF	16
2021-09-16	cal_sc_ib	E2K	16
2021-09-16	der_sc_ib	URF	N / A
2021-09-16	der_sc_ib	SCF	AVG
2021-09-16	der_sc_ib	E2K	AVG
2021-09-16	der_inf	URF	N / A
2021-09-16	der_inf	SCF	N / A
2021-09-16	der_inf		MISSING!!

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-09-17	edds_bin	URF	all available
2021-09-17	raw_hk_ob	URF	standard HK rate
2021-09-17	cal_hk_ob	URF	standard HK rate
2021-09-17	par_sc_ob	URF	16
2021-09-17	cal_sc_ob	URF	16
2021-09-17	cal_sc_ob	SCF	16
2021-09-17	cal_sc_ob	E2K	16
2021-09-17	der_sc_ob	URF	N / A
2021-09-17	der_sc_ob	SCF	AVG
2021-09-17	der_sc_ob	E2K	AVG
2021-09-17	raw_hk_ib	URF	standard HK rate
2021-09-17	cal_hk_ib	URF	standard HK rate
2021-09-17	par_sc_ib	URF	16
2021-09-17	cal_sc_ib	URF	16
2021-09-17	cal_sc_ib	SCF	16
2021-09-17	cal_sc_ib	E2K	16
2021-09-17	der_sc_ib	URF	N / A
2021-09-17	der_sc_ib	SCF	AVG
2021-09-17	der_sc_ib	E2K	AVG
2021-09-17	der_inf	URF	N / A
2021-09-17	der_inf	SCF	N / A
2021-09-17	der_inf		MISSING!!
2021-09-18	edds_bin	URF	all available
2021-09-18	raw_hk_ob	URF	standard HK rate
2021-09-18	cal_hk_ob	URF	standard HK rate
2021-09-18	par_sc_ob	URF	16
2021-09-18	cal_sc_ob	URF	16
2021-09-18	cal_sc_ob	SCF	16
2021-09-18	cal_sc_ob	E2K	16
2021-09-18	der_sc_ob	URF	N / A
2021-09-18	der_sc_ob	SCF	AVG
2021-09-18	der_sc_ob	E2K	AVG
2021-09-18	raw_hk_ib	URF	standard HK rate
2021-09-18	cal_hk_ib	URF	standard HK rate
2021-09-18	par_sc_ib	URF	16
2021-09-18	cal_sc_ib	URF	16
2021-09-18	cal_sc_ib	SCF	16
2021-09-18	cal_sc_ib	E2K	16
2021-09-18	der_sc_ib	URF	N / A
2021-09-18	der_sc_ib	SCF	AVG
2021-09-18	der_sc_ib	E2K	AVG
2021-09-18	der_inf	URF	N / A
2021-09-18	der_inf	SCF	N / A
2021-09-18	der_inf		MISSING!!

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2021-09-19	edds_bin	URF	all available
2021-09-19	raw_hk_ob	URF	standard HK rate
2021-09-19	cal_hk_ob	URF	standard HK rate
2021-09-19	par_sc_ob	URF	16
2021-09-19	cal_sc_ob	URF	16
2021-09-19	cal_sc_ob	SCF	16
2021-09-19	cal_sc_ob	E2K	16
2021-09-19	der_sc_ob	URF	N / A
2021-09-19	der_sc_ob	SCF	AVG
2021-09-19	der_sc_ob	E2K	AVG
2021-09-19	raw_hk_ib	URF	standard HK rate
2021-09-19	cal_hk_ib	URF	standard HK rate
2021-09-19	par_sc_ib	URF	16
2021-09-19	cal_sc_ib	URF	16
2021-09-19	cal_sc_ib	SCF	16
2021-09-19	cal_sc_ib	E2K	16
2021-09-19	der_sc_ib	URF	N / A
2021-09-19	der_sc_ib	SCF	AVG
2021-09-19	der_sc_ib	E2K	AVG
2021-09-19	der_inf	URF	N / A
2021-09-19	der_inf	SCF	N / A
2021-09-19	der_inf		M I S S I N G ! !
2021-09-20	edds_bin	URF	all available
2021-09-20	raw_hk_ob	URF	standard HK rate
2021-09-20	cal_hk_ob	URF	standard HK rate
2021-09-20	par_sc_ob	URF	16
2021-09-20	cal_sc_ob	URF	16
2021-09-20	cal_sc_ob	SCF	16
2021-09-20	cal_sc_ob	E2K	16
2021-09-20	der_sc_ob	URF	N / A
2021-09-20	der_sc_ob	SCF	AVG
2021-09-20	der_sc_ob	E2K	AVG
2021-09-20	raw_hk_ib	URF	standard HK rate
2021-09-20	cal_hk_ib	URF	standard HK rate
2021-09-20	par_sc_ib	URF	16
2021-09-20	cal_sc_ib	URF	16
2021-09-20	cal_sc_ib	SCF	16
2021-09-20	cal_sc_ib	E2K	16
2021-09-20	der_sc_ib	URF	N / A
2021-09-20	der_sc_ib	SCF	AVG
2021-09-20	der_sc_ib	E2K	AVG
2021-09-20	der_inf	URF	N / A
2021-09-20	der_inf	SCF	N / A
2021-09-20	der_inf		M I S S I N G ! !

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-09-21	edds_bin	URF	all available
2021-09-21	raw_hk_ob	URF	standard HK rate
2021-09-21	cal_hk_ob	URF	standard HK rate
2021-09-21	par_sc_ob	URF	16
2021-09-21	cal_sc_ob	URF	16
2021-09-21	cal_sc_ob	SCF	16
2021-09-21	cal_sc_ob	E2K	16
2021-09-21	der_sc_ob	URF	N / A
2021-09-21	der_sc_ob	SCF	AVG
2021-09-21	der_sc_ob	E2K	AVG
2021-09-21	raw_hk_ib	URF	standard HK rate
2021-09-21	cal_hk_ib	URF	standard HK rate
2021-09-21	par_sc_ib	URF	16
2021-09-21	cal_sc_ib	URF	16
2021-09-21	cal_sc_ib	SCF	16
2021-09-21	cal_sc_ib	E2K	16
2021-09-21	der_sc_ib	URF	N / A
2021-09-21	der_sc_ib	SCF	AVG
2021-09-21	der_sc_ib	E2K	AVG
2021-09-21	der_inf	URF	N / A
2021-09-21	der_inf	SCF	N / A
2021-09-21	der_inf		MISSING!!
2021-09-23	edds_bin	URF	all available
2021-09-23	raw_hk_ob	URF	standard HK rate
2021-09-23	cal_hk_ob	URF	standard HK rate
2021-09-23	par_sc_ob	URF	4 16
2021-09-23	cal_sc_ob	URF	4 16
2021-09-23	cal_sc_ob	SCF	4 16
2021-09-23	cal_sc_ob	E2K	4 16
2021-09-23	der_sc_ob	URF	N / A
2021-09-23	der_sc_ob	SCF	AVG
2021-09-23	der_sc_ob	E2K	AVG
2021-09-23	raw_hk_ib	URF	standard HK rate
2021-09-23	cal_hk_ib	URF	standard HK rate
2021-09-23	par_sc_ib	URF	4 16
2021-09-23	cal_sc_ib	URF	4 16
2021-09-23	cal_sc_ib	SCF	4 16
2021-09-23	cal_sc_ib	E2K	4 16
2021-09-23	der_sc_ib	URF	N / A
2021-09-23	der_sc_ib	SCF	AVG
2021-09-23	der_sc_ib	E2K	AVG
2021-09-23	der_inf	URF	N / A
2021-09-23	der_inf	SCF	N / A
2021-09-23	der_inf		MISSING!!

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2021-09-24	edds_bin	URF	all available
2021-09-24	raw_hk_ob	URF	standard HK rate
2021-09-24	cal_hk_ob	URF	standard HK rate
2021-09-24	par_sc_ob	URF	16
2021-09-24	cal_sc_ob	URF	16
2021-09-24	cal_sc_ob	SCF	16
2021-09-24	cal_sc_ob	E2K	16
2021-09-24	der_sc_ob	URF	N / A
2021-09-24	der_sc_ob	SCF	AVG
2021-09-24	der_sc_ob	E2K	AVG
2021-09-24	raw_hk_ib	URF	standard HK rate
2021-09-24	cal_hk_ib	URF	standard HK rate
2021-09-24	par_sc_ib	URF	16
2021-09-24	cal_sc_ib	URF	16
2021-09-24	cal_sc_ib	SCF	16
2021-09-24	cal_sc_ib	E2K	16
2021-09-24	der_sc_ib	URF	N / A
2021-09-24	der_sc_ib	SCF	AVG
2021-09-24	der_sc_ib	E2K	AVG
2021-09-24	der_inf	URF	N / A
2021-09-24	der_inf	SCF	N / A
2021-09-24	der_inf		M I S S I N G ! !
2021-09-25	edds_bin	URF	all available
2021-09-25	raw_hk_ob	URF	standard HK rate
2021-09-25	cal_hk_ob	URF	standard HK rate
2021-09-25	par_sc_ob	URF	16
2021-09-25	cal_sc_ob	URF	16
2021-09-25	cal_sc_ob	SCF	16
2021-09-25	cal_sc_ob	E2K	16
2021-09-25	der_sc_ob	URF	N / A
2021-09-25	der_sc_ob	SCF	AVG
2021-09-25	der_sc_ob	E2K	AVG
2021-09-25	raw_hk_ib	URF	standard HK rate
2021-09-25	cal_hk_ib	URF	standard HK rate
2021-09-25	par_sc_ib	URF	16
2021-09-25	cal_sc_ib	URF	16
2021-09-25	cal_sc_ib	SCF	16
2021-09-25	cal_sc_ib	E2K	16
2021-09-25	der_sc_ib	URF	N / A
2021-09-25	der_sc_ib	SCF	AVG
2021-09-25	der_sc_ib	E2K	AVG
2021-09-25	der_inf	URF	N / A
2021-09-25	der_inf	SCF	N / A
2021-09-25	der_inf		M I S S I N G ! !

DATE	CALIBRATION LEVEL	COORDINATES	SAMPLE RATES (Hz)
2021-09-26	edds_bin	URF	all available
2021-09-26	raw_hk_ob	URF	standard HK rate
2021-09-26	cal_hk_ob	URF	standard HK rate
2021-09-26	par_sc_ob	URF	16
2021-09-26	cal_sc_ob	URF	16
2021-09-26	cal_sc_ob	SCF	16
2021-09-26	cal_sc_ob	E2K	16
2021-09-26	der_sc_ob	URF	N / A
2021-09-26	der_sc_ob	SCF	AVG
2021-09-26	der_sc_ob	E2K	AVG
2021-09-26	raw_hk_ib	URF	standard HK rate
2021-09-26	cal_hk_ib	URF	standard HK rate
2021-09-26	par_sc_ib	URF	16
2021-09-26	cal_sc_ib	URF	16
2021-09-26	cal_sc_ib	SCF	16
2021-09-26	cal_sc_ib	E2K	16
2021-09-26	der_sc_ib	URF	N / A
2021-09-26	der_sc_ib	SCF	AVG
2021-09-26	der_sc_ib	E2K	AVG
2021-09-26	der_inf	URF	N / A
2021-09-26	der_inf	SCF	N / A
2021-09-26	der_inf		MISSING!!
2021-09-27	edds_bin	URF	all available
2021-09-27	raw_hk_ob	URF	standard HK rate
2021-09-27	cal_hk_ob	URF	standard HK rate
2021-09-27	par_sc_ob	URF	16
2021-09-27	cal_sc_ob	URF	16
2021-09-27	cal_sc_ob	SCF	16
2021-09-27	cal_sc_ob	E2K	16
2021-09-27	der_sc_ob	URF	N / A
2021-09-27	der_sc_ob	SCF	AVG
2021-09-27	der_sc_ob	E2K	AVG
2021-09-27	raw_hk_ib	URF	standard HK rate
2021-09-27	cal_hk_ib	URF	standard HK rate
2021-09-27	par_sc_ib	URF	16
2021-09-27	cal_sc_ib	URF	16
2021-09-27	cal_sc_ib	SCF	16
2021-09-27	cal_sc_ib	E2K	16
2021-09-27	der_sc_ib	URF	N / A
2021-09-27	der_sc_ib	SCF	AVG
2021-09-27	der_sc_ib	E2K	AVG
2021-09-27	der_inf	URF	N / A
2021-09-27	der_inf	SCF	N / A
2021-09-27	der_inf		MISSING!!

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2021-09-28	edds_bin	URF	all available
2021-09-28	raw_hk_ob	URF	standard HK rate
2021-09-28	cal_hk_ob	URF	standard HK rate
2021-09-28	par_sc_ob	URF	16
2021-09-28	cal_sc_ob	URF	16
2021-09-28	cal_sc_ob	SCF	16
2021-09-28	cal_sc_ob	E2K	16
2021-09-28	der_sc_ob	URF	N / A
2021-09-28	der_sc_ob	SCF	AVG
2021-09-28	der_sc_ob	E2K	AVG
2021-09-28	raw_hk_ib	URF	standard HK rate
2021-09-28	cal_hk_ib	URF	standard HK rate
2021-09-28	par_sc_ib	URF	16
2021-09-28	cal_sc_ib	URF	16
2021-09-28	cal_sc_ib	SCF	16
2021-09-28	cal_sc_ib	E2K	16
2021-09-28	der_sc_ib	URF	N / A
2021-09-28	der_sc_ib	SCF	AVG
2021-09-28	der_sc_ib	E2K	AVG
2021-09-28	der_inf	URF	N / A
2021-09-28	der_inf	SCF	N / A
2021-09-28	der_inf		M I S S I N G ! !
2021-09-29	edds_bin	URF	all available
2021-09-29	raw_hk_ob	URF	standard HK rate
2021-09-29	cal_hk_ob	URF	standard HK rate
2021-09-29	par_sc_ob	URF	16
2021-09-29	cal_sc_ob	URF	16
2021-09-29	cal_sc_ob	SCF	16
2021-09-29	cal_sc_ob	E2K	16
2021-09-29	der_sc_ob	URF	N / A
2021-09-29	der_sc_ob	SCF	AVG
2021-09-29	der_sc_ob	E2K	AVG
2021-09-29	raw_hk_ib	URF	standard HK rate
2021-09-29	cal_hk_ib	URF	standard HK rate
2021-09-29	par_sc_ib	URF	16
2021-09-29	cal_sc_ib	URF	16
2021-09-29	cal_sc_ib	SCF	16
2021-09-29	cal_sc_ib	E2K	16
2021-09-29	der_sc_ib	URF	N / A
2021-09-29	der_sc_ib	SCF	AVG
2021-09-29	der_sc_ib	E2K	AVG
2021-09-29	der_inf	URF	N / A
2021-09-29	der_inf	SCF	N / A
2021-09-29	der_inf		M I S S I N G ! !