



ICAO

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WORKING PAPER

**Eighteenth Meeting of the Meteorological Information
Exchange Working Group (MET/IE WG/18)
and
Tenth Meeting of the Meteorological Services
Working Group (MET/S WG/10)**

Web-conference, 27 to 31 July 2020

Agenda Item 3 : Monitoring of meteorological services

ASIA/PAC PERFORMANCE INDICES

(Presented by Thailand)

SUMMARY

This paper provides the result of OPMET monitoring in ASIA/PAC region carries out by 5 RODBs, Bangkok, Brisbane, Singapore, Tokyo and Nadi during 1-31 January 2020 and produced the report of Performance Indices (PIs) by RODB Bangkok.

1. INTRODUCTION

1.1 The MET/IE WG decided that the OPMET Monitoring for the ASIA/PAC region would be conducted in December and January annually. The December data is used to compute the thresholds and January data is used to produce Performance Indices (PIs)

1.2 The three PIs calculate for the monitoring period were the Compliance Index, Availability Index and Regularity Index, as described in the ROBEX Handbook, Appendix F.

1.3 RODB Bangkok using a web-based Performance Indices Analyser to compute OPMET Performance Indices of incoming OPMET data derived from 5 RODBs: Bangkok, Brisbane, Singapore, Tokyo and Nadi during 1-31 January 2020. The December 2019 data used to compute the thresholds and the January 2020 data used to produce Performance Indices (PIs)

1.4 The monitoring is based on the ROBEX Handbook Thirteenth Edition — March 2019

2. DISCUSSION

Monitoring Results

2.1. The table in the appendix show PIs of 5 RODBs include indices of availability, compliance and regularity for SA and FT.

Definition:

MET/IE WG/18 & MET/S WG/10 – WP/03

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Availability : at least one report is received from the aerodrome during the 24-hour period, 1.0 represents perfect availability

Compliance : number of reports received for ROBEX bulletins during the monitoring period, 1.0 represents perfect compliance

Regularity : consistency in the number of reports provided by aerodrome, 1.0 represents perfect regularity

2.2. The tables below show the average of the three indices during the 31-day monitoring period received at 5 RODBs, Nadi, Tokyo, Bangkok, Singapore, and Brisbane.

Availability Index (AI)					
JAN 2020	RODB				
	NFFN	RJTD	VTBB	WSSS	YBBN
SA	0.06	0.88	0.90	0.91	0.85
FT	0.13	0.94	0.94	0.85	0.95

Compliance Index (CI)					
JAN 2020	RODB				
	NFFN	RJTD	VTBB	WSSS	YBBN
SA	0.05	0.74	0.76	0.72	0.73
FT	0.12	0.93	0.92	0.66	0.93

Regularity Index (RI)					
JAN 2020	RODB				
	NFFN	RJTD	VTBB	WSSS	YBBN
SA	0.80	0.84	0.79	0.77	0.89
FT	0.12	0.91	0.91	0.85	0.92

2.3. A summary of the PIs results, the following Table 1-4 highlight a number of locations with low availability index and low compliance index for METAR and TAF respectively

- 5 of 301 (1.66%) aerodromes with low availability index for METAR =0 (nil report)
- 6 of 301 (1.99%) aerodromes with low availability index for METAR <=0.5

SA-Availability Index <=0.5								
Aerodrome	Bulletin	ROC	NFFN	RJTD	VTBB	WSSS	YBBN	Max value
OPGD	SAPK31	OPKC	0	0	0.32	0	0	0.32
OPRN	SAPK31	OPKC	0	0	0	0	0	0
VCCH	SASB31	VCCC	0	0	0	0	0	0
VGSY	SABW31	VECC	0	0	0	0	0	0
VTSK	SATH32	VTBB	0	0	0	0	0	0
VTUJ	SATH33	VTBB	0	0	0	0	0	0

- 5 of 301 (1.66%) aerodromes with low compliance index for METAR =0 (nil report)
- 31 of 301 (10.3%) aerodromes with low compliance index for METAR <=0.5

SA-Compliance Index <=0.5								
Aerodrome	Bulletin	ROC	NFFN	RJTD	VTBB	WSSS	YBBN	Max value
ANYN	SANG31	YBBN	0.31	0.35	0.35	0.14	0.36	0.36
NSFA	SAPS31	NFFN	0.06	0.05	0.05	0.33	0.05	0.33
NSTU	SAPS31	NFFN	0.93	0	0	0.45	0	0.93
OPGD	SAPK31	OPKC	0	0	0.01	0	0	0.01
OPNH	SAPK31	OPKC	0	0	0.42	0	0	0.42
OPRN	SAPK31	OPKC	0	0	0	0	0	0
OPSK	SAPK31	OPKC	0	0	0.41	0	0	0.41
RKJB	SAKO31	RKSI	0	0.49	0.49	0.41	0.49	0.49
RKNY	SAKO31	RKSI	0	0.49	0.49	0.41	0.49	0.49
RKPC	SAKO31	RKSI	0	0.49	0.49	0.5	0.49	0.5
RKPK	SAKO31	RKSI	0	0.49	0.49	0.5	0.49	0.5
RKSS	SAKO31	RKSI	0	0.5	0.5	0.5	0.5	0.5
RKTN	SAKO31	RKSI	0	0.49	0.49	0.49	0.49	0.49
RKTU	SAKO31	RKSI	0	0.49	0.49	0.5	0.49	0.5
RPLB	SAHK31	VHHH	0	0.49	0.49	0.28	0.49	0.49
RPLL	SAHK31	VHHH	0	0.5	0.5	0.28	0.5	0.5
RPVM	SAHK31	VHHH	0	0.49	0.49	0.29	0.49	0.49
VCCH	SASB31	VCCC	0	0	0	0	0	0
VGEG	SABW31	VECC	0	0.34	0.34	0.34	0.33	0.34
VGSY	SABW31	VECC	0	0	0	0	0	0
VQPR	SAAS31	VECC	0	0.4	0.4	0.39	0.4	0.4
VTCT	SAAE31	VTBB	0	0.49	0.5	0.46	0.49	0.5
VTSG	SAAE31	VTBB	0	0.49	0.47	0.46	0.49	0.49
VTSK	SATH32	VTBB	0	0	0	0	0	0
VTUJ	SATH33	VTBB	0	0	0	0	0	0
VYMD	SAAE32	VTBB	0	0.45	0.45	0.45	0.45	0.45
VYNT	SAAE32	VTBB	0	0.37	0.36	0.27	0.37	0.37
WIHH	SAID31	WIII	0	0.49	0.49	0.47	0.49	0.49
WSSL	SAMS31	WMKK	0	0.49	0.49	0.49	0.49	0.49
ZBSJ	SACI31	ZBBB	0	0.5	0.5	0.49	0.5	0.5
ZWSH	SACI31	ZBBB	0	0.5	0.5	0.49	0.5	0.5

- 8 of 284 (2.82%) aerodromes with low availability index for TAF =0 (nil report)
- 9 of 284 (3.17%) aerodromes with low availability index for TAF < =0.5

FT-Availability Index <= 0.5								
Aerodrome	Bulletin	ROC	NFFN	RJTD	VTBB	WSSS	YBBN	Max value
ANYN	FTNG31	YBBN	0	0.45	0.45	0.41	0.45	0.45
AYMH	FTNG31	YBBN	0	0	0	0	0	0
AYMO	FTNG31	YBBN	0	0	0	0	0	0
AYNZ	FTNG31	YBBN	0	0	0	0	0	0
AYVN	FTNG31	YBBN	0	0	0	0	0	0
AYWK	FTNG31	YBBN	0	0	0	0	0	0
OPRN	FTPK31	OPKC	0	0	0	0	0	0
VGSY	FTBW31	VECC	0	0	0	0	0	0
WPDB	FTTM31	YBBN	0	0	0	0	0	0

- 8 of 284 (2.82%) aerodromes with low compliance index for TAF =0 (nil report)
- 9 of 284 (3.17%) aerodromes with low compliance index for TAF < =0.5

FT-Compliance Index < = 0.5								
Aerodrome	Bulletin	ROC	NFFN	RJTD	VTBB	WSSS	YBBN	Max value
ANYN	FTNG31	YBBN	0	0.15	0.15	0.12	0.15	0.15
AYMH	FTNG31	YBBN	0	0	0	0	0	0
AYMO	FTNG31	YBBN	0	0	0	0	0	0
AYNZ	FTNG31	YBBN	0	0	0	0	0	0
AYVN	FTNG31	YBBN	0	0	0	0	0	0
AYWK	FTNG31	YBBN	0	0	0	0	0	0
OPRN	FTPK31	OPKC	0	0	0	0	0	0
VEGY	FTIN33	VABB	0	0	0	0.5	0	0.5
VGSY	FTBW31	VECC	0	0	0	0	0	0
WPDB	FTTM31	YBBN	0	0	0	0	0	0

2.4. The PerformanceIndices of 5 RODBs in details as shown in appendix to this paper.

3. ACTION BY THE MEETING

3.1 The meeting is invited to discuss as follows:

- a) note the information contained in this papers.
- b) touse the result tables to improve the OPMET data exchange in general; and
- c) investigate unavailable data from the aerodromes

APPENDIX
ASIA/PACIFIC PERFORMANCE INDICES
1-31 JANUARY 2020

Aero drome	Bulletin	ROC	Compliance					Regularity					Availability				
			NFFN	RJTD	VTBB	WSSS	YBBN	NFFN	RJTD	VTBB	WSSS	YBBN	NFFN	RJTD	VTBB	WSSS	YBBN
AGGH	SANG31	YBBN	0	0.95	0.93	0.37	0.95	-	0.83	0.87	0.96	0.83	0	1	1	1	1
AGGH	FTNG31	YBBN	0	0.95	0.95	0.74	0.95	-	1	1	0.74	1	0	1	1	1	1
ANYN	SANG31	YBBN	0.31	0.35	0.35	0.14	0.36	0.8	0.83	0.83	1	0.83	0.83	0.87	0.87	0.87	0.87
ANYN	FTNG31	YBBN	0	0.15	0.15	0.12	0.15	-	1	1	1	1	0	0.45	0.45	0.41	0.45
AYGN	SANG31	YBBN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AYMH	SANG31	YBBN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AYMH	FTNG31	YBBN	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
AYMO	SANG31	YBBN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AYMO	FTNG31	YBBN	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
AYNZ	SANG31	YBBN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AYNZ	FTNG31	YBBN	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
AYPY	SANG31	YBBN	0	0.62	0.59	0.57	0.59	-	0.9	0.87	0.9	0.87	0	1	1	1	1
AYPY	FTNG31	YBBN	0	0.54	0.54	0.41	0.54	-	0.74	0.74	0.9	0.74	0	0.9	0.9	0.9	0.9
AYVN	SANG31	YBBN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AYVN	FTNG31	YBBN	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
AYWK	SANG31	YBBN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AYWK	FTNG31	YBBN	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
NCRG	SAPS31	NFFN	0.96	0.68	0.68	1	0.68	0.96	1	1	1	1	0.96	0.93	0.93	1	0.93
NCRG	FTPS31	NFFN	0.91	0.83	0.83	0.23	0.95	0.8	0.61	0.61	0.64	0.83	0.96	0.93	0.93	0.67	1
NFFN	SAPS31	NFFN	0.91	0.94	0.94	0.94	0.94	0.96	1	1	1	1	0.96	1	1	1	1
NFFN	FTPS31	NFFN	0.95	0.87	0.87	0.28	0.99	0.93	0.74	0.74	0.77	0.96	0.96	0.93	0.93	0.87	1
NFNA	SAPS31	NFFN	0.92	0.72	0.72	0.76	0.72	0.96	0.41	0.41	0.61	0.41	0.96	0.93	0.93	1	0.93
NFNA	FTPS31	NFFN	0.95	0.87	0.87	0.21	0.87	0.93	0.67	0.67	0.64	0.67	0.96	0.93	0.93	0.64	0.93
NFTF	SAPS31	NFFN	0.72	0.68	0.68	0.92	0.68	0.96	0.93	0.93	0.93	0.93	0.96	0.93	0.93	1	0.93
NFTF	FTPS31	NFFN	0.94	0.87	0.87	0.27	0.97	0.87	0.7	0.7	0.7	0.9	0.96	0.93	0.93	0.77	1
NFTL	SAPS32	NFFN	0.4	0.36	0.36	0.56	0.36	0.96	0.9	0.9	0.74	0.9	0.96	0.93	0.93	1	0.93
NFTV	SAPS31	NFFN	0.56	0.52	0.52	0.74	0.52	0.96	0.93	0.93	0.74	0.93	0.96	0.93	0.93	1	0.93
NFTV	FTPS31	NFFN	0.95	0	0	0.94	0	0.93	-	-	0.96	-	0.96	0	0	1	0
NGFU	SAPS31	NFFN	0.84	0.58	0.58	0.9	0.58	0.64	0.35	0.35	0.87	0.35	0.96	0.93	0.93	1	0.93
NGTA	SAPS31	NFFN	0.91	0.94	0.94	0.74	0.94	0.77	0.77	0.77	0.67	0.77	0.96	1	1	1	1
NGTA	FTPS31	NFFN	0.95	0.83	0.83	0.95	0.83	0.9	0.64	0.64	0.83	0.64	0.96	0.93	0.93	1	0.93
NIUE	SAPS31	NFFN	0.32	0.33	0.33	0.97	0.33	1	1	1	0.77	1	0.9	0.93	0.93	1	0.93
NIUE	FTPS31	NFFN	0.72	0.6	0.6	0.69	0.6	0.87	0.8	0.8	0.83	0.8	0.93	0.87	0.87	0.96	0.87
NLWW	SAPS31	NFFN	0	0	0	0.99	0	-	-	-	0.93	-	0	0	0	1	0
NLWW	FTPS31	NFFN	0.51	0.54	0.54	0.58	1	0.35	0.38	0.38	0.87	1	0.8	0.83	0.83	0.96	1
NSFA	SAPS31	NFFN	0.06	0.05	0.05	0.33	0.05	1	1	1	0.8	1	0.64	0.51	0.51	1	0.51
NSFA	FTPS31	NFFN	0.95	0.84	0.84	0.33	0.99	0.93	0.67	0.67	0.77	0.96	0.96	0.93	0.93	0.8	1
NSTU	SAPS31	NFFN	0.93	0	0	0.45	0	0.93	-	-	0.93	-	0.96	0	0	1	0
NSTU	FTPS31	NFFN	0	1	0	0.02	1	-	1	-	1	1	0	1	0	0.48	1
NTAA	SAPS31	NFFN	0.64	0.65	0.65	0.94	0.94	0.03	0.03	0.03	0.8	0.87	0.9	0.93	0.93	1	1
NTAA	FTPS31	NFFN	0.82	0.96	0.85	0.94	0.96	0.83	0.96	0.87	0.8	0.96	0.9	0.96	0.93	1	0.96
NVSS	SAPS31	NFFN	0.71	0.07	0.07	0.7	0.07	0.9	0.16	0.16	0.7	0.16	0.96	0.67	0.67	1	0.67
NVSS	FTPS31	NFFN	0.93	0	0	0.95	0	0.87	-	-	0.83	-	0.96	0	0	1	0
NVVV	SAPS31	NFFN	0.94	0.14	0.14	0.93	0.14	0.83	0.41	0.41	0.7	0.41	0.96	0.83	0.83	1	0.83
NVVV	FTPS31	NFFN	0.94	0	0	0.95	0	0.9	-	-	0.87	-	0.96	0	0	1	0
NWWW	SAPS31	NFFN	0.69	0.71	0.71	1	1	0.03	0.03	0.03	1	1	0.9	0.93	0.93	1	1
NWWW	FTPS31	NFFN	0.51	0.54	0.54	0.61	1	0.35	0.38	0.38	0.87	1	0.8	0.83	0.83	1	1
NZAA	SANZ31	NZKL	0.96	1	1	1	1	0.96	1	1	1	1	0.96	1	1	1	1
NZAA	FTNZ31	NZKL	0.96	1	1	1	1	0.96	1	1	1	1	0.96	1	1	1	1
NZCH	SANZ31	NZKL	0.96	1	1	1	1	0.96	1	1	1	1	0.96	1	1	1	1
NZCH	FTNZ31	NZKL	0.96	1	1	1	1	0.96	1	1	1	1	0.96	1	1	1	1
NZQN	SANZ32	NZKL	0	0	0	0.99	0.99	-	-	-	0.93	0.93	0	0	0	1	1
NZQN	FTNZ32	NZKL	0.96	1	1	1	1	0.96	1	1	1	1	0.96	1	1	1	1
NZWN	SANZ31	NZKL	0.96	1	1	1	1	0.96	1	1	1	1	0.96	1	1	1	1
NZWN	FTNZ31	NZKL	0.96	1	1	1	1	0.96	1	1	1	1	0.96	1	1	1	1
OPGD	SAPK31	OPKC	0	0	0.01	0	0	-	-	1	-	-	0	0	0.32	0	0
OPGD	FTPK31	OPKC	0	0.98	0.98	0	0.98	-	0.93	0.93	-	0.93	0	1	1	0	1
OPKC	SAPK31	OPKC	0	0	0.86	0	0	-	-	0.9	-	-	0	0	1	0	0
OPKC	FTPK31	OPKC	0	0.97	0.97	0	0.97	-	0.9	0.9	-	0.9	0	1	1	0	1
OPLA	SAPK31	OPKC	0	0	0.87	0	0	-	-	0.9	-	-	0	0	1	0	0

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OPLA	FTPK31	OPKC	0	0.97	0.97	0	0.97	-	1	1	-	1	0	1	1	0	1
OPNH	SAPK31	OPKC	0	0	0.42	0	0	-	-	0.77	-	-	0	0	1	0	0
OPNH	FTPK31	OPKC	0	0.97	0.97	0	0.97	-	0.9	0.9	-	0.9	0	1	1	0	1
OPPS	SAPK31	OPKC	0	0	0.82	0	0	-	-	0.93	-	-	0	0	1	0	0
OPPS	FTPK31	OPKC	0	0.95	0.95	0	0.92	-	0.83	0.83	-	0.74	0	1	1	0	1
OPRN	SAPK31	OPKC	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
OPRN	FTPK31	OPKC	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
OPSK	SAPK31	OPKC	0	0	0.41	0	0	-	-	0.93	-	-	0	0	0.96	0	0
OPSK	FTPK31	OPKC	0	0.96	0.96	0	0.96	-	0.87	0.87	-	0.87	0	1	1	0	1
PLCH	SAPS31	NFFN	0.92	0.95	0.95	0.75	0.95	0.93	0.96	0.96	0.41	0.96	0.96	1	1	1	1
PLCH	FTPS31	NFFN	0.95	0.79	0.79	0.72	0.79	0.93	0.64	0.64	0.7	0.64	0.96	0.93	0.93	0.96	0.93
RCFN	SAHK31	VHHH	0	1	1	0.31	1	-	1	1	0.74	1	0	1	1	1	1
RCFN	FTHK31	VHHH	0	1	1	0.72	1	-	1	1	0.51	1	0	1	1	0.96	1
RCKH	SAHK31	VHHH	0	0.87	0.87	0.4	0.87	-	1	1	0.8	1	0	1	1	1	1
RCKH	FTHK31	VHHH	0	1	1	0.88	1	-	1	1	0.93	1	0	1	1	1	1
RCMQ	SAHK31	VHHH	0	0.86	0.86	0.4	0.86	-	0.67	0.67	0.83	0.67	0	1	1	1	1
RCMQ	FTHK31	VHHH	0	1	1	0.45	1	-	1	1	0.93	1	0	1	1	0.96	1
RCNN	SAHK31	VHHH	0	0.86	0.86	0.4	0.86	-	0.83	0.83	0.8	0.83	0	1	1	1	1
RCNN	FTHK31	VHHH	0	1	1	0.45	1	-	1	1	0.93	1	0	1	1	0.93	1
RCSS	SAHK31	VHHH	0	0.87	0.87	0.4	0.87	-	1	1	0.8	1	0	1	1	1	1
RCSS	FTHK31	VHHH	0	1	1	0.88	1	-	1	1	0.93	1	0	1	1	1	1
RCTP	SAHK31	VHHH	0	1	1	0.53	1	-	1	1	0.77	1	0	1	1	1	1
RCTP	FTHK31	VHHH	0	1	1	0.88	1	-	1	1	0.93	1	0	1	1	1	1
RJAA	SAJP31	RJTD	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
RJAA	FTJP31	RJTD	0.96	1	1	0.4	1	0.96	1	1	0.7	1	0.96	1	1	0.87	1
RJAH	SAJP38	RJTD	0	1	1	0.52	1	-	1	1	0.67	1	0	1	1	1	1
RJAH	FTJP38	RJTD	0	1	1	0.21	1	-	1	1	1	1	0	1	1	0.64	1
RJBB	SAJP31	RJTD	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
RJBB	FTJP31	RJTD	0.96	1	1	0.4	1	0.96	1	1	0.7	1	0.96	1	1	0.87	1
RJCB	SAJP38	RJTD	0	0.54	0.54	0.48	0.54	-	1	1	0.58	1	0	1	1	1	1
RJCB	FTJP38	RJTD	0	1	1	0.1	1	-	1	1	1	1	0	1	1	0.45	1
RJCC	SAJP32	RJTD	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
RJCC	FTJP32	RJTD	0.96	1	1	0.13	1	0.96	1	1	1	1	0.96	1	1	0.64	1
RJCH	SAJP31	RJTD	0	0.58	0.58	0.58	0.58	-	1	1	0.93	1	0	1	1	1	1
RJCH	FTJP31	RJTD	0.96	1	1	0.41	1	0.96	1	1	0.77	1	0.96	1	1	0.8	1
RJCK	SAJP38	RJTD	0	0.58	0.58	0.49	0.58	-	1	1	0.61	1	0	1	1	1	1
RJCK	FTJP38	RJTD	0	1	1	0.09	1	-	1	1	1	1	0	1	1	0.35	1
RJCM	SAJP38	RJTD	0	0.54	0.54	0.48	0.54	-	1	1	0.58	1	0	1	1	1	1
RJCM	FTJP38	RJTD	0	1	1	0.12	1	-	1	1	1	1	0	1	1	0.45	1
RJEC	SAJP38	RJTD	0	0.58	0.58	0.11	0.58	-	1	1	0.67	1	0	1	1	0.96	1
RJEC	FTJP38	RJTD	0	1	1	0.09	1	-	1	1	1	1	0	1	1	0.41	1
RJFF	SAJP32	RJTD	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
RJFF	FTJP32	RJTD	0.96	1	1	0.13	1	0.96	1	1	1	1	0.96	1	1	0.64	1
RJFK	SAJP32	RJTD	0	0.66	0.66	0.28	0.66	-	1	1	0.8	1	0	1	1	1	1
RJFK	FTJP32	RJTD	0.96	1	1	0.13	1	0.96	1	1	1	1	0.96	1	1	0.58	1
RJFM	SAJP38	RJTD	0	0.62	0.62	0.13	0.62	-	1	1	0.87	1	0	1	1	1	1
RJFM	FTJP38	RJTD	0	1	1	0.08	1	-	1	1	1	1	0	1	1	0.35	1
RJFO	SAJP32	RJTD	0	0.66	0.66	0.6	0.66	-	1	1	0.9	1	0	1	1	1	1
RJFO	FTJP32	RJTD	0.96	1	1	0.21	1	0.96	1	1	1	1	0.96	1	1	0.67	1
RJFR	SAJP38	RJTD	0	1	1	0.93	1	-	1	1	0.77	1	0	1	1	1	1
RJFR	FTJP38	RJTD	0	1	1	0.08	1	-	1	1	1	1	0	1	1	0.41	1
RJFS	SAJP38	RJTD	0	0.75	0.75	0.69	0.75	-	1	1	0.58	1	0	1	1	1	1
RJFS	FTJP38	RJTD	0	1	1	0.25	1	-	1	1	0.7	1	0	1	1	0.8	1
RJFT	SAJP32	RJTD	0	0.62	0.62	0.1	0.62	-	1	1	0.77	1	0	1	1	0.96	1
RJFT	FTJP32	RJTD	0.96	1	1	0.13	1	0.96	1	1	1	1	0.96	1	1	0.58	1
RJFU	SAJP32	RJTD	0	0.62	0.62	0.23	0.62	-	1	1	0.74	1	0	1	1	1	1
RJFU	FTJP32	RJTD	0.96	1	1	0.12	1	0.96	1	1	1	1	0.96	1	1	0.51	1
RJGG	SAJP31	RJTD	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
RJGG	FTJP31	RJTD	0.96	1	1	0.41	1	0.96	1	1	0.77	1	0.96	1	1	0.87	1
RJNK	SAJP32	RJTD	0	1	1	0.47	1	-	1	1	0.77	1	0	1	1	1	1
RJNK	FTJP32	RJTD	0.96	1	1	0.27	1	0.96	1	1	0.74	1	0.96	1	1	0.74	1
RJNS	SAJP38	RJTD	0	0.58	0.58	0.23	0.58	-	1	1	0.87	1	0	1	1	1	1
RJNS	FTJP38	RJTD	0	1	1	0.12	1	-	1	1	1	1	0	1	1	0.48	1
RJNT	SAJP32	RJTD	0	0.62	0.62	0.56	0.62	-	1	1	0.9	1	0	1	1	1	1
RJNT	FTJP32	RJTD	0.96	1	1	0.28	1	0.96	1	1	0.74	1	0.96	1	1	0.74	1
RJOA	SAJP32	RJTD	0	0.66	0.66	0.16	0.66	-	1	1	0.9	1	0	1	1	1	1

RJOA	FTJP32	RJTD	0.96	1	1	0.15	1	0.96	1	1	1	1	0.96	1	1	0.48	1
RJOB	SAJP32	RJTD	0	0.62	0.62	0.12	0.62	-	1	1	0.9	1	0	1	1	0.93	1
RJOB	FTJP32	RJTD	0.96	1	1	0.15	1	0.96	1	1	1	1	0.96	1	1	0.51	1
RJOC	SAJP38	RJTD	0	0.58	0.58	0.57	0.58	-	1	1	0.64	1	0	1	1	1	1
RJOC	FTJP38	RJTD	0	1	1	0.14	1	-	1	1	1	1	0	1	1	0.58	1
RJOH	SAJP38	RJTD	0	1	1	0.94	1	-	1	1	0.67	1	0	1	1	1	1
RJOH	FTJP38	RJTD	0	1	1	0.12	1	-	1	1	1	1	0	1	1	0.45	1
RJOK	SAJP38	RJTD	0	0.58	0.58	0.09	0.58	-	1	1	0.67	1	0	1	1	0.8	1
RJOK	FTJP38	RJTD	0	1	1	0.1	1	-	1	1	1	1	0	1	1	0.38	1
RJOM	SAJP38	RJTD	0	0.62	0.62	0.12	0.62	-	1	1	0.61	1	0	1	1	1	1
RJOM	FTJP38	RJTD	0	1	1	0.12	1	-	1	1	1	1	0	1	1	0.54	1
RJOO	SAJP31	RJTD	0	0.66	0.66	0.66	0.66	-	1	1	0.96	1	0	1	1	1	1
RJOO	FTJP31	RJTD	0.96	1	1	0.4	1	0.96	1	1	0.7	1	0.96	1	1	0.7	1
RJOT	SAJP32	RJTD	0	0.62	0.62	0.12	0.62	-	1	1	0.58	1	0	1	1	0.96	1
RJOT	FTJP32	RJTD	0.96	1	1	0.18	1	0.96	1	1	1	1	0.96	1	1	0.58	1
RJSA	SAJP38	RJTD	0	0.62	0.62	0.62	0.62	-	1	1	0.93	1	0	1	1	1	1
RJSA	FTJP38	RJTD	0	1	1	0.12	1	-	1	1	1	1	0	1	1	0.45	1
RJSF	SAJP38	RJTD	0	0.58	0.58	0.58	0.58	-	1	1	0.93	1	0	1	1	1	1
RJSF	FTJP38	RJTD	0	1	1	0.12	1	-	1	1	1	1	0	1	1	0.38	1
RJSK	SAJP38	RJTD	0	0.62	0.62	0.16	0.62	-	1	1	0.83	1	0	1	1	1	1
RJSK	FTJP38	RJTD	0	1	1	0.12	1	-	1	1	1	1	0	1	1	0.54	1
RJSN	SAJP32	RJTD	0	0.62	0.62	0.62	0.62	-	1	1	0.96	1	0	1	1	1	1
RJSN	FTJP32	RJTD	0.96	1	1	0.13	1	0.96	1	1	1	1	0.96	1	1	0.45	1
RJSS	SAJP31	RJTD	0	0.66	0.66	0.66	0.66	-	1	1	0.96	1	0	1	1	1	1
RJSS	FTJP31	RJTD	0.96	1	1	0.44	1	0.96	1	1	0.8	1	0.96	1	1	0.83	1
RJTT	SAJP31	RJTD	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
RJTT	FTJP31	RJTD	0.96	1	1	0.4	1	0.96	1	1	0.7	1	0.96	1	1	0.83	1
RKJB	SAKO31	RKSI	0	0.49	0.49	0.41	0.49	-	0.96	0.96	0.7	0.96	0	1	1	1	1
RKJB	FTKO31	RKSI	0	1	1	0.58	1	-	1	1	0.74	1	0	1	1	0.87	1
RKNY	SAKO31	RKSI	0	0.49	0.49	0.41	0.49	-	0.96	0.96	0.7	0.96	0	1	1	1	1
RKNY	FTKO31	RKSI	0	0.99	0.99	0.53	0.99	-	0.96	0.96	0.61	0.96	0	1	1	0.83	1
RKPC	SAKO31	RKSI	0	0.49	0.49	0.5	0.49	-	0.96	0.96	1	0.96	0	1	1	1	1
RKPC	FTKO31	RKSI	0	0.99	0.99	0.88	0.99	-	0.96	0.96	0.9	0.96	0	1	1	1	1
RKPK	SAKO31	RKSI	0	0.49	0.49	0.5	0.49	-	0.96	0.96	1	0.96	0	1	1	1	1
RKPK	FTKO31	RKSI	0	0.99	0.99	0.91	0.99	-	0.96	0.96	0.7	0.96	0	1	1	1	1
RKSI	SAKO31	RKSI	0	0.99	0.99	0.99	0.99	-	0.96	0.96	0.96	0.96	0	1	1	1	1
RKSI	FTKO31	RKSI	0	0.99	0.99	0.88	0.99	-	0.96	0.96	0.9	0.96	0	1	1	1	1
RKSS	SAKO31	RKSI	0	0.5	0.5	0.5	0.5	-	1	1	1	1	0	1	1	1	1
RKSS	FTKO31	RKSI	0	0.99	0.99	0.87	0.99	-	0.96	0.96	0.9	0.96	0	1	1	1	1
RKTN	SAKO31	RKSI	0	0.49	0.49	0.49	0.49	-	0.96	0.96	0.96	0.96	0	1	1	1	1
RKTN	FTKO31	RKSI	0	0.98	0.98	0.91	0.98	-	0.93	0.93	0.93	0.93	0	1	1	1	1
RKTU	SAKO31	RKSI	0	0.49	0.49	0.5	0.49	-	0.96	0.96	1	0.96	0	1	1	1	1
RKTU	FTKO31	RKSI	0	0.99	0.99	0.9	0.99	-	0.96	0.96	0.74	0.96	0	1	1	1	1
ROAH	SAJP31	RJTD	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ROAH	FTJP31	RJTD	0.96	1	1	0.4	1	0.96	1	1	0.7	1	0.96	1	1	0.77	1
ROIG	SAJP38	RJTD	0	0.62	0.62	0.6	0.62	-	1	1	0.61	1	0	1	1	1	1
ROIG	FTJP38	RJTD	0	1	1	0.2	1	-	1	1	1	1	0	1	1	0.58	1
RPLB	SAHK31	VHHH	0	0.49	0.49	0.28	0.49	-	0.93	0.93	0.87	0.93	0	1	1	1	1
RPLB	FTHK31	VHHH	0	0.98	0.98	0.94	0.98	-	0.93	0.93	0.8	0.93	0	1	1	1	1
RPLI	SAHK31	VHHH	0	0.52	0.52	0.22	0.52	-	1	1	0.7	1	0	1	1	1	1
RPLI	FTHK31	VHHH	0	1	1	0.95	1	-	1	1	0.83	1	0	1	1	1	1
RPLL	SAHK31	VHHH	0	0.5	0.5	0.28	0.5	-	1	1	0.83	1	0	1	1	1	1
RPLL	FTHK31	VHHH	0	1	1	0.96	1	-	1	1	0.87	1	0	1	1	1	1
RPMD	SAHK31	VHHH	0	0.52	0.52	0.22	0.52	-	1	1	0.7	1	0	1	1	1	1
RPMD	FTHK31	VHHH	0	1	0.99	0.95	1	-	1	0.96	0.83	1	0	1	1	1	1
RPMZ	SAHK31	VHHH	0	0.51	0.51	0.22	0.51	-	0.9	0.9	0.67	0.9	0	1	1	1	1
RPMZ	FTHK31	VHHH	0	1	0.99	0.96	1	-	1	0.96	0.9	1	0	1	1	1	1
RPVM	SAHK31	VHHH	0	0.49	0.49	0.29	0.49	-	0.93	0.93	0.77	0.93	0	1	1	1	1
RPVM	FTHK31	VHHH	0	1	1	0.96	1	-	1	1	0.87	1	0	1	1	1	1
VAAH	SAIN31	VABB	0	0.87	0.87	0.98	0.87	-	0.83	0.83	0.9	0.83	0	1	1	1	1
VAAH	FTIN31	VABB	0	0.93	0.93	0.07	0.93	-	0.8	0.8	1	0.8	0	1	1	0.29	1
VABB	SAIN31	VABB	0	0.95	0.95	0.98	0.95	-	0.9	0.9	0.67	0.9	0	1	1	1	1
VABB	FTIN31	VABB	0	0.95	0.95	0.05	0.95	-	0.87	0.87	1	0.87	0	1	1	0.25	1
VANP	SAIN31	VABB	0	0.95	0.95	0.98	0.95	-	0.93	0.93	0.9	0.93	0	1	1	1	1
VANP	FTIN31	VABB	0	0.92	0.92	0.22	0.92	-	0.77	0.77	1	0.77	0	1	1	0.61	1
VCBI	SASB31	VCCC	0	0.98	1	1	0.98	-	0.9	1	1	0.9	0	1	1	1	1
VCBI	FTSB31	VABB	0	0.93	0.93	0.99	0.93	-	0.8	0.8	0.96	0.8	0	1	1	1	1

MET/IE WG/18 & MET/S WG/10 – WP/03

Agenda Item 3

27-31/07/20

VCCH	SASB31	VCCC	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
VCRI	SASB31	VCCC	0	0.73	0.73	0.73	0.73	-	0.93	0.93	0.93	0.93	0	1	1	1	1
VCRI	FTSB31	VABB	0	0.94	0.94	1	0.94	-	0.83	0.83	1	0.83	0	1	1	1	1
VDPP	SAAE32	VTBB	0	0.98	0.98	0.99	0.98	-	1	0.87	0.93	1	0	1	1	1	1
VDPP	FTAE32	VTBB	0	0.99	0.99	1	0.99	-	0.96	0.96	1	0.96	0	1	1	1	1
VDSR	SAAE32	VTBB	0	0.98	0.98	0.99	0.98	-	0.7	0.83	0.9	0.7	0	1	1	1	1
VDSR	FTAE32	VTBB	0	0.99	0.99	1	0.99	-	0.96	0.96	1	0.96	0	1	1	1	1
VEBN	SAIN32	VIDP	0	0.65	0.65	0.73	0.65	-	0.87	0.87	1	0.87	0	1	1	1	1
VEBN	FTIN32	VABB	0	0.9	0.9	0.8	0.9	-	0.67	0.67	0.93	0.67	0	1	1	1	1
VECC	SAIN33	VECC	0	0.99	0.99	0.99	0.97	-	0.93	0.93	0.87	0.83	0	1	1	1	1
VECC	FTIN33	VABB	0	0.81	0.81	0.5	0.81	-	0.87	0.87	0.77	0.87	0	0.96	0.96	0.8	0.96
VEGT	SAIN33	VECC	0	0.92	0.92	0.96	0.92	-	0.93	0.93	0.9	0.93	0	1	1	1	1
VEGT	FTIN33	VABB	0	0	0	0.7	0	-	-	-	0.8	-	0	0	0	0.8	0
VEGY	SAIN33	VECC	0	0.64	0.64	0.7	0.64	-	0.64	0.64	0.58	0.64	0	1	1	1	1
VEGY	FTIN33	VABB	0	0	0	0.5	0	-	-	-	0.8	-	0	0	0	0.8	0
VEPT	SAIN33	VECC	0	0.94	0.94	0.98	0.94	-	0.93	0.93	0.9	0.93	0	1	1	1	1
VEPT	FTIN33	VABB	0	0.71	0.71	0.61	0.71	-	0.8	0.8	0.83	0.8	0	0.96	0.96	0.83	0.96
VGEG	SABW31	VECC	0	0.34	0.34	0.34	0.33	-	0.8	0.8	0.8	0.87	0	1	1	1	1
VGEG	FTBW31	VECC	0	0	0	0.98	0	-	-	-	0.93	-	0	0	0	1	0
VGHS	SABW31	VECC	0	0.99	0.99	0.99	0.96	-	0.9	0.9	0.87	0.87	0	1	1	1	1
VGHS	FTAE32	VTBB	0	1	1	0.98	1	-	1	1	0.93	1	0	1	1	1	1
VGSY	SABW31	VECC	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
VGSY	FTBW31	VECC	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
VHHH	SAHK31	VHHH	0	1	1	0.92	1	-	1	1	0.83	1	0	1	1	1	1
VHHH	FTHK31	VHHH	0	1	1	0.45	1	-	1	1	0.93	1	0	1	1	0.96	1
VIAR	SAIN32	VIDP	0	0.81	0.82	0.98	0.81	-	0.9	0.93	0.93	0.9	0	1	1	1	1
VIAR	FTIN32	VABB	0	0.93	0.93	0.65	0.93	-	0.77	0.77	0.87	0.77	0	1	1	0.96	1
VIDP	SAIN32	VIDP	0	0.95	0.97	0.94	0.95	-	0.93	0.93	0.93	0.93	0	1	1	1	1
VIDP	FTIN32	VABB	0	0.95	0.95	0.7	0.95	-	0.83	0.83	0.9	0.83	0	1	1	1	1
VIJP	SAIN32	VIDP	0	0.89	0.89	0.89	0.89	-	0.96	0.96	0.93	0.96	0	1	1	1	1
VIJP	FTIN32	VABB	0	0.94	0.94	0.89	0.93	-	0.8	0.8	0.93	0.77	0	1	1	1	1
VILK	SAIN32	VIDP	0	0.81	0.81	0.65	0.81	-	0.93	0.93	0.93	0.93	0	1	1	1	1
VILK	FTIN32	VABB	0	0.94	0.94	0.91	0.93	-	0.83	0.83	0.9	0.8	0	1	1	1	1
VLLB	SAAE33	VTBB	0	0.89	0.89	0.9	0.89	-	0.87	0.9	0.93	0.87	0	1	1	1	1
VLLB	FTAE33	VTBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
VLLN	SAAE33	VTBB	0	0.83	0.83	0.84	0.83	-	0.9	0.9	0.93	0.9	0	1	1	1	1
VLLN	FTAE33	VTBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
VLPS	SAAE33	VTBB	0	0.79	0.8	0.8	0.79	-	1	1	1	1	0	1	1	1	1
VLPS	FTAE33	VTBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
VLSK	SAAE33	VTBB	0	0.8	0.8	0.81	0.8	-	0.96	0.93	0.96	0.96	0	1	1	1	1
VLSK	FTAE33	VTBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
VLVT	SAAE32	VTBB	0	0.78	0.77	0.78	0.78	-	0.93	0.96	0.96	0.93	0	1	1	1	1
VLVT	FTAE32	VTBB	0	0.99	0.99	0.99	0.99	-	0.96	0.96	0.96	0.96	0	1	1	1	1
VMMC	SAHK31	VHHH	0	1	1	0.52	1	-	1	1	0.77	1	0	1	1	1	1
VMMC	FTHK31	VHHH	0	1	1	0.45	0.97	-	1	1	0.93	0.9	0	1	1	0.96	1
VNKT	SAAS31	VECC	0	0.94	0.94	0.91	0	-	1	1	1	-	0	1	1	1	0
VNKT	FTAS31	VECC	0	1	1	0.99	0.94	-	1	1	0.96	0.83	0	1	1	1	1
VOBL	SAIN31	VABB	0	0.95	0.95	0.98	0.95	-	0.9	0.9	0.8	0.9	0	1	1	1	1
VOBL	FTIN31	VABB	0	0.95	0.96	0.98	0.95	-	0.87	0.93	0.93	0.87	0	1	1	1	1
VOCB	SAIN31	VABB	0	0.9	0.94	0.95	0.9	-	0.87	0.9	0.93	0.87	0	1	1	1	1
VOCB	FTIN31	VABB	0	0.92	0.92	0.95	0.93	-	0.8	0.8	0.8	0.8	0	1	1	1	1
VOCI	SAIN31	VABB	0	0.93	0.93	0.97	0.93	-	0.9	0.9	0.83	0.9	0	1	1	1	1
VOCI	FTIN31	VABB	0	0.94	0.94	0.74	0.94	-	0.83	0.83	0.96	0.83	0	1	1	1	1
VOCL	SAIN31	VABB	0	0.93	0.94	0.97	0.93	-	0.83	0.83	0.87	0.83	0	1	1	1	1
VOCL	FTIN31	VABB	0	0.95	0.95	0.7	0.95	-	0.87	0.87	1	0.87	0	1	1	1	1
VOHS	SAIN31	VABB	0	0.92	0.92	0.95	0.92	-	0.87	0.87	0.87	0.87	0	1	1	1	1
VOHS	FTIN31	VABB	0	0.95	0.95	0.79	0.86	-	0.9	0.9	0.87	0.87	0	1	1	1	1
VOML	SAIN31	VABB	0	0.94	0.98	0.98	0.94	-	0.87	0.93	0.9	0.87	0	1	1	1	1
VOML	FTIN31	VABB	0	0.95	0.96	0.94	0.91	-	0.87	0.93	0.77	0.74	0	1	1	1	1
VOMM	SAIN31	VABB	0	0.94	0.94	0.94	0.94	-	0.9	0.9	0.96	0.9	0	1	1	1	1
VOMM	FTIN31	VABB	0	0.93	0.93	0.97	0.92	-	0.8	0.8	0.9	0.77	0	1	1	1	1
VOTR	SAIN31	VABB	0	0.94	0.94	0.98	0.94	-	0.87	0.87	0.87	0.87	0	1	1	1	1
VOTR	FTIN31	VABB	0	0.93	0.93	0.96	0.91	-	0.8	0.8	0.87	0.74	0	1	1	1	1
VOTV	SAIN31	VABB	0	0.93	0.93	0.97	0.93	-	0.87	0.87	0.87	0.87	0	1	1	1	1
VOTV	FTIN31	VABB	0	0.95	0.95	0.92	0.95	-	0.87	0.87	0.77	0.87	0	1	1	1	1
VQPR	SAAS31	VECC	0	0.4	0.4	0.39	0.4	-	0.54	0.93	0.7	0.54	0	1	1	1	1

VRMG	SAMV31	VCCC	0	0.03	0.89	0.03	0.88	-	1	1	1	1	0	0.32	1	0.38	1
VRMG	FTMV31	VABB	0	0.96	0.89	0.99	0.88	-	0.87	0.93	0.96	0.96	0	1	1	1	1
VRMH	SAMV31	VCCC	0	0.03	0.91	0.03	0.91	-	1	1	1	1	0	0.32	1	0.38	1
VRMH	FTMV31	VABB	0	0.96	0.91	0.99	0.89	-	0.87	0.96	0.96	0.93	0	1	1	1	0.96
VRMM	SAMV31	VCCC	0	0.98	0.98	0.96	0.98	-	1	1	1	1	0	1	1	1	1
VRMM	FTMV31	VABB	0	0.96	0.91	0.99	0.98	-	0.87	0.96	0.96	0.93	0	1	1	1	1
VTBD	SAAE31	VTBB	0	0.99	0.99	0.92	0.99	-	0.67	0.96	0.83	0.67	0	1	1	1	1
VTBD	FTAE31	VTBB	0	1	1	0.91	1	-	1	1	0.93	1	0	1	1	1	1
VTBO	SATH31	VTBB	0	0.98	0.98	0.91	0.98	-	0.77	0.77	0.8	0.77	0	1	1	1	1
VTBO	FTTH31	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTBS	SAAE31	VTBB	0	0.99	0.99	0.92	0.99	-	0.67	0.93	0.83	0.67	0	1	1	1	1
VTBS	FTAE31	VTBB	0	1	1	0.91	1	-	1	1	0.93	1	0	1	1	1	1
VTBU	SAAE31	VTBB	0	0.99	0.98	0.93	0.99	-	0.64	0.93	0.87	0.64	0	1	1	1	1
VTBU	FTAE31	VTBB	0	1	1	0.9	1	-	1	1	0.9	1	0	1	1	1	1
VTCC	SAAE31	VTBB	0	0.99	0.97	0.92	0.99	-	0.96	0.93	0.74	0.96	0	1	1	1	1
VTCC	FTAE31	VTBB	0	1	1	0.91	1	-	1	1	0.9	1	0	1	1	1	1
VTCH	SATH31	VTBB	0	0.98	0.92	0.9	0.98	-	0.83	0.96	0.74	0.83	0	1	1	1	1
VTCH	FTTH31	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTCL	SATH31	VTBB	1	1	1	1	1	-	1	1	1	1	0	1	1	1	1
VTCL	FTTH31	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTGN	SATH31	VTBB	0	0.98	0.93	0.9	0.98	-	0.87	1	0.74	0.87	0	1	1	1	1
VTGN	FTTH31	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTCP	SATH31	VTBB	0	0.98	0.91	0.9	0.98	-	0.77	0.96	0.74	0.77	0	1	1	1	1
VTCP	FTTH31	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTCT	SAAE31	VTBB	0	0.49	0.5	0.46	0.49	-	0.7	0.93	0.93	0.7	0	1	1	1	1
VTCT	FTAE31	VTBB	0	1	1	0.91	1	-	1	1	0.9	1	0	1	1	1	1
VTPB	SATH31	VTBB	0	0.53	0.5	0.48	0.53	-	0.77	1	0.7	0.77	0	1	1	1	1
VTPB	FTTH31	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTPH	SATH31	VTBB	0	0.98	1	0.91	0.98	-	0.8	1	0.77	0.8	0	1	1	1	1
VTPH	FTTH31	VTBB	0	1	1	0.98	1	-	1	1	0.93	1	0	1	1	1	1
VTPM	SATH31	VTBB	0	0.53	0.52	0.49	0.53	-	0.77	0.58	0.7	0.77	0	1	1	1	1
VTPM	FTTH31	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTPO	SATH31	VTBB	0	0.8	0.75	0.73	0.8	-	0.9	1	0.74	0.9	0	1	1	1	1
VTPO	FTTH31	VTBB	0	1	1	0.98	1	-	1	1	0.93	1	0	1	1	1	1
VTTP	SATH31	VTBB	0	0.98	0.93	0.92	0.98	-	0.77	0.9	0.74	0.77	0	1	1	1	1
VTTP	FTTH31	VTBB	0	1	1	0.98	1	-	1	1	0.93	1	0	1	1	1	1
VTPT	FTTH31	VTBB	0	1	1	0.98	1	-	1	1	0.93	1	0	1	1	1	1
VTSB	SATH32	VTBB	0	0.98	0.98	0.9	0.98	-	0.77	1	0.96	0.77	0	1	1	1	1
VTSB	FTTH32	VTBB	0	1	1	0.95	1	-	1	1	0.83	1	0	1	1	1	1
VTSC	SATH32	VTBB	0	0.98	1	0.07	0.98	-	0.8	1	0.9	0.8	0	1	1	0.9	1
VTSC	FTTH32	VTBB	0	1	1	0.95	1	-	1	1	0.83	1	0	1	1	1	1
VTSE	SATH32	VTBB	0	0.58	0.57	0	0.58	-	0.93	0.93	1	0.93	0	1	1	0.03	1
VTSE	FTTH32	VTBB	0	1	1	0.95	1	-	1	1	0.83	1	0	1	1	1	1
VTSF	SATH32	VTBB	0	0.98	0.93	0.01	0.98	-	0.74	0.87	1	0.74	0	1	1	0.09	1
VTSF	FTTH32	VTBB	0	1	1	0.95	1	-	1	1	0.83	1	0	1	1	1	1
VTSG	SAAE31	VTBB	0	0.49	0.47	0.46	0.49	-	0.67	0.87	0.87	0.67	0	1	1	1	1
VTSG	FTAE31	VTBB	0	0.99	0.99	0.92	0.99	-	0.96	0.96	0.93	0.96	0	1	1	1	1
VTSH	SATH32	VTBB	0	0.95	0.94	0.07	0.95	-	0.9	0.96	1	0.9	0	1	1	0.54	1
VTSH	FTTH32	VTBB	0	1	1	0.95	1	-	1	1	0.83	1	0	1	1	1	1
VTSK	SATH32	VTBB	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
VTSK	FTTH32	VTBB	0	1	1	0.95	1	-	1	1	0.83	1	0	1	1	1	1
VTSM	SATH32	VTBB	0	1	1	0.94	1	-	1	1	0.83	1	0	1	1	1	1
VTSM	FTTH32	VTBB	0	1	1	0.95	1	-	1	1	0.83	1	0	1	1	1	1
VTSP	SAAE31	VTBB	0	0.98	0.97	0.92	0.98	-	0.96	0.74	0.83	0.96	0	1	1	1	1
VTSP	FTAE31	VTBB	0	0.99	0.99	0.92	0.99	-	0.96	0.96	0.93	0.96	0	1	1	1	1
VTSR	SATH32	VTBB	1	1	1	1	1	-	1	1	1	1	0	1	1	0.41	1
VTSR	FTTH32	VTBB	0	0.99	0.99	0.96	0.99	-	0.96	0.96	0.87	0.96	0	1	1	1	1
VTSS	SAAE31	VTBB	0	0.99	0.99	0.92	0.99	-	0.7	0.96	0.83	0.7	0	1	1	1	1
VTSS	FTAE31	VTBB	0	1	1	0.91	1	-	1	1	0.9	1	0	1	1	1	1
VTST	SATH32	VTBB	0	0.98	0.95	0	0.98	-	0.8	0.54	0.06	0.8	0	1	1	0.06	1
VTST	FTTH32	VTBB	0	0.99	0.99	0.96	0.99	-	0.96	0.96	0.87	0.96	0	1	1	1	1
VTUD	SATH33	VTBB	0	0.98	0.93	0.96	0.98	-	0.8	0.96	0.93	0.8	0	1	1	1	1
VTUD	FTTH33	VTBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
VTUI	SATH33	VTBB	1	1	1	1	1	-	1	1	1	1	0	1	1	1	1
VTUI	FTTH33	VTBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
VTUJ	SATH33	VTBB	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
VTUJ	FTTH33	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1

MET/IE WG/18 & MET/S WG/10 – WP/03

Agenda Item 3

27-31/07/20

VTUK	SATH33	VTBB	0	0.98	0.93	0.82	0.98	-	0.77	0.9	0.64	0.77	0	1	1	1	1
VTUK	FTTH33	VTBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
VTUL	SATH33	VTBB	1	1	1	1	1	-	1	1	1	1	0	1	1	1	1
VTUL	FTTH33	VTBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
VTUO	SATH33	VTBB	1	1	1	1	1	-	1	1	1	1	0	1	1	1	1
VTUO	FTTH33	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTUQ	SATH33	VTBB	0	0.94	0.92	0.73	0.94	-	0.7	0.8	0.74	0.7	0	1	1	1	1
VTUQ	FTTH33	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTUU	SATH33	VTBB	0	0.98	0.99	0.97	0.98	-	0.64	0.93	0.96	0.64	0	1	1	1	1
VTUU	FTTH33	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTUV	SATH33	VTBB	1	1	1	1	1	-	1	1	1	1	0	1	1	1	1
VTUV	FTTH33	VTBB	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
VTUW	SATH33	VTBB	0	0.85	0.86	0.69	0.85	-	0.83	1	0.67	0.83	0	1	1	1	1
VTUW	FTTH33	VTBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
VVCI	SAAE34	VTBB	0	0.98	0.99	0.76	0.98	-	0.7	0.93	0.93	0.7	0	1	1	1	1
VVCI	FTAE34	VTBB	0	1	0.98	0.83	1	-	1	0.93	0.93	1	0	1	1	1	1
VVCR	SAAE34	VTBB	0	0.99	0.99	0.74	0.99	-	1	0.96	0.93	1	0	1	1	1	1
VVCR	FTAE34	VTBB	0	1	0.99	0.85	1	-	1	0.96	0.96	1	0	1	1	1	1
VVCT	SAAE34	VTBB	0	0.97	0.96	0.79	0.97	-	0.8	0.74	0.8	0.8	0	1	1	1	1
VVCT	FTAE34	VTBB	0	1	1	0.84	1	-	1	1	0.96	1	0	1	1	1	1
VVDN	SAAE34	VTBB	0	0.99	1	0.74	0.99	-	0.87	1	0.93	0.87	0	1	1	1	1
VVDN	FTAE34	VTBB	0	1	1	0.84	1	-	1	1	0.93	1	0	1	1	1	1
VVNB	SAAE34	VTBB	0	0.99	1	0.75	0.99	-	0.83	1	0.93	0.83	0	1	1	1	1
VVNB	FTAE34	VTBB	0	1	1	0.83	1	-	1	1	0.93	1	0	1	1	1	1
VVPB	SAAE34	VTBB	0	0.98	0.99	0.79	0.98	-	0.87	0.74	0.93	0.87	0	1	1	1	1
VVPB	FTAE34	VTBB	0	0.99	0.98	0.83	0.99	-	0.96	0.93	0.93	0.96	0	1	1	1	1
VVPQ	SAAE34	VTBB	0	0.97	0.98	0.77	0.97	-	0.93	0.87	0.8	0.93	0	1	1	1	1
VVPQ	FTAE34	VTBB	0	1	1	0.84	1	-	1	1	0.96	1	0	1	1	1	1
VVTS	SAAE34	VTBB	0	0.99	1	0.74	0.99	-	0.87	1	0.96	0.87	0	1	1	1	1
VVTS	FTAE34	VTBB	0	1	1	0.84	1	-	1	1	0.96	1	0	1	1	1	1
VYMD	SAAE32	VTBB	0	0.45	0.45	0.45	0.45	-	0.8	0.87	0.87	0.8	0	1	1	1	1
VYMD	FTAE32	VTBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
VYNT	SAAE32	VTBB	0	0.37	0.36	0.27	0.37	-	0.96	0.96	0.9	0.96	0	1	1	1	1
VYNT	FTAE32	VTBB	0	0.97	0.98	0.77	0.97	-	0.9	0.93	0.74	0.9	0	1	1	1	1
VYYY	SAAE32	VTBB	0	0.95	0.9	0.95	0.94	-	0.93	0.9	0.96	1	0	1	1	1	1
VYYY	FTAE32	VTBB	0	0.97	0.96	0.95	0.95	-	1	1	1	0.96	0	1	1	1	1
WAAA	SAID31	WIII	0	0.93	0.93	0.98	0.93	-	0.9	0.9	0.67	0.9	0	1	1	1	1
WAAA	FTSR31	WSSS	0	0.99	0.99	0.4	0.99	-	0.96	0.96	0.9	0.96	0	1	1	0.9	1
WABB	SAID31	WIII	0	0.43	0.43	0.96	0.42	-	1	1	0.8	1	0	1	1	1	1
WABB	FTSR31	WSSS	0	0.93	0.93	0.92	0.93	-	0.77	0.77	0.74	0.77	0	1	1	1	1
WADD	SAID31	WIII	0	0.97	0.97	0.99	0.97	-	1	1	0.87	1	0	1	1	1	1
WADD	FTSR31	WSSS	0	1	1	0.93	1	-	1	1	0.74	1	0	1	1	1	1
WADL	SAID32	WIII	0	0.59	0.6	0.99	0	-	0.93	0.93	0.93	-	0	0.93	0.93	1	0
WAHS	SAID33	WIII	0	0.41	0.41	0.94	0	-	1	1	0.93	-	0	1	1	1	0
WAJJ	SAID33	WIII	0	0	0	0.94	0	-	-	-	0.8	-	0	0	0	1	0
WAKK	SAID33	WIII	0	0	0	0.78	0	-	-	-	0.96	-	0	0	0	1	0
WALL	SAID32	WIII	0	0.77	0.77	1	0	-	1	1	1	-	0	0.83	0.83	1	0
WAMM	SAID32	WIII	0	0.63	0.63	0.99	0	-	0.93	0.93	0.9	-	0	0.93	0.93	1	0
WAOO	SAID32	WIII	0	0.63	0.63	0.97	0	-	0.93	0.93	0.96	-	0	0.93	0.93	1	0
WAPP	SAID33	WIII	0	0.67	0.67	0.97	0	-	1	1	0.9	-	0	1	1	1	0
WAQQ	SAID33	WIII	0	0	0	0.7	0	-	0.03	0.03	0.9	-	0	0.09	0.09	1	0
WARR	SAID31	WIII	0	0	0	0.97	0	-	1	1	0.7	1	0	0.03	0.03	1	0.03
WARR	FTSR31	WSSS	0	1	1	0.79	1	-	1	1	0.96	1	0	1	1	1	1
WATT	SAID33	WIII	0	0.7	0.7	0.98	0	-	0.93	0.93	0.96	-	0	1	1	1	0
WAYY	SAID33	WIII	0	0	0	0.81	0	-	-	-	1	-	0	0	0	1	0
WBGB	SAMS38	WMKK	0	0.98	0.98	0.74	0.98	-	0.83	1	0.96	0.83	0	1	1	1	1
WBGB	FTSR33	WSSS	0	1	1	0.91	1	-	1	1	0.96	1	0	1	1	1	1
WBGG	SAMS31	WMKK	0	0.98	0.98	0.89	0.99	-	0.74	1	0.8	0.96	0	1	1	1	1
WBGG	FTSR33	WSSS	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
WBGR	SAMS38	WMKK	0	0.98	0.98	0.75	0.98	-	0.83	1	0.8	0.83	0	1	1	1	1
WBGR	FTSR33	WSSS	0	1	1	0.91	1	-	1	1	0.96	1	0	1	1	1	1
WBGs	SAMS38	WMKK	0	0.98	0.98	0.82	0.98	-	0.8	1	0.96	0.8	0	1	1	1	1
WBGs	FTSR33	WSSS	0	1	1	0.91	1	-	1	1	0.96	1	0	1	1	1	1
WBKK	SAMS31	WMKK	0	0.98	0.98	0.87	1	-	0.77	1	0.83	1	0	1	1	1	1
WBKK	FTSR33	WSSS	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
WBKL	SAMS38	WMKK	0	0.98	0.98	0.75	0.98	-	0.83	1	0.96	0.83	0	1	1	1	1

WBKL	FTSR33	WSSS	0	1	1	0.91	1	-	1	1	0.96	1	0	1	1	1	1
WBKS	SAMS38	WMKK	0	0.98	0.98	0.74	0.98	-	0.83	1	0.93	0.83	0	1	1	1	1
WBKS	FTSR33	WSSS	0	1	1	0.91	1	-	1	1	0.96	1	0	1	1	1	1
WBKW	SAMS38	WMKK	0	0.98	0.98	0.74	0.98	-	0.83	1	1	0.83	0	1	1	1	1
WBKW	FTSR33	WSSS	0	1	1	0.91	1	-	1	1	0.96	1	0	1	1	1	1
WBSB	SAMS31	WMKK	0	0.97	0.97	0.97	0.98	-	0.77	1	0.83	0.9	0	1	1	1	1
WBSB	FTSR33	WSSS	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
WIBB	SAID32	WIII	0	0.64	0.64	0.98	0	-	0.93	0.93	0.87	-	0	0.93	0.93	1	0
WIDD	SAID31	WIII	0	0.62	0.62	0.98	0.62	-	0.93	0.93	0.9	0.93	0	1	1	1	1
WIDN	SAID32	WIII	0	0	0	0.96	0	-	-	-	0.93	-	0	0	0	1	0
WIEE	SAID32	WIII	0	0	0	0.9	0	-	1	1	0.67	-	0	0.03	0.03	1	0
WIHH	SAID31	WIII	0	0.49	0.49	0.47	0.49	-	0.96	0.96	0.93	0.96	0	1	1	1	1
WIHH	FTSR31	WSSS	0	0.99	0.99	1	0.99	-	1	1	1	1	0	1	1	1	1
WIII	SAID31	WIII	0	0.96	0.96	0.25	0.96	-	0.93	0.93	0.58	0.93	0	1	1	1	1
WIII	FTSR31	WSSS	0	1	1	0.97	1	-	1	1	0.9	1	0	1	1	1	1
WILL	SAID33	WIII	0	0	0	0.97	0	-	-	-	0.96	-	0	0	0	1	0
WIMM	SAID31	WIII	0	0.91	0.91	0.95	0.9	-	0.96	0.96	0.8	0.96	0	1	1	1	1
WIMM	FTSR31	WSSS	0	0.99	0.99	0.95	0.99	-	0.96	0.96	0.83	0.96	0	1	1	1	1
WIOO	SAID32	WIII	0	0.6	0.6	0.98	0	-	0.96	0.96	1	-	0	0.96	0.96	1	0
WIPP	SAID32	WIII	0	0.64	0.63	0.99	0	-	0.96	0.96	0.93	-	0	0.96	0.96	1	0
WMKD	SAMS38	WMKK	0	0.98	1	0.87	0.98	-	0.83	1	0.93	0.83	0	1	1	1	1
WMKJ	FTSR32	WSSS	0	1	1	0.78	1	-	1	1	0.8	1	0	1	1	1	1
WMKK	SAMS31	WMKK	0	0.98	0.98	0.87	0.98	-	0.77	1	0.87	0.77	0	1	1	1	1
WMKK	FTSR32	WSSS	0	1	1	0.78	1	-	1	1	0.8	1	0	1	1	1	1
WMKL	SAMS38	WMKK	0	0.98	1	0.86	0.98	-	0.83	1	0.9	0.83	0	1	1	1	1
WMKL	FTSR32	WSSS	0	1	1	0.91	1	-	1	1	0.74	1	0	1	1	1	1
WMKM	SAMS38	WMKK	0	0.98	1	0.9	0.98	-	0.83	1	0.93	0.83	0	1	1	1	1
WMKM	FTSR32	WSSS	0	1	1	0.91	1	-	1	1	0.74	1	0	1	1	1	1
WMKP	SAMS31	WMKK	0	0.98	0.98	0.88	0.98	-	0.77	1	0.9	0.77	0	1	1	1	1
WMKP	FTSR32	WSSS	0	1	1	0.78	1	-	1	1	0.8	1	0	1	1	1	1
WMSA	FTSR32	WSSS	0	1	1	0.78	1	-	1	1	0.8	1	0	1	1	1	1
WPDB	FTTM31	YBBN	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0
WPDL	FTTM31	YBBN	0	0.76	0.76	0.76	0.76	-	1	1	1	1	0	1	1	1	1
WSAP	FTSR31	WSSS	0	1	1	0.2	1	-	1	1	1	1	0	1	1	1	1
WSSL	SAMS31	WMKK	0	0.49	0.49	0.49	0.49	-	0.87	1	0.93	0.87	0	1	1	1	1
WSSL	FTSR31	WSSS	0	1	1	0.2	1	-	1	1	1	1	0	1	1	1	1
WSSS	SAMS31	WMKK	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
WSSS	FTSR31	WSSS	0	1	1	0.2	1	-	1	1	1	1	0	1	1	1	1
YAMB	SAAU33	YBBN	0	0.98	0.98	0.98	0.98	-	0.93	0.93	0.93	0.93	0	1	1	1	1
YAMB	FTAU33	YBBN	0	0.95	0.95	0.67	0.95	-	0.8	0.8	0.9	0.8	0	1	1	0.93	1
YBAS	SAAU32	YBBN	0	0.98	0.98	0.94	0.98	-	0.83	0.83	0.7	0.83	0	1	1	1	1
YBAS	FTAU32	YBBN	0	0.99	0.99	0.16	0.99	-	0.96	0.96	1	0.96	0	1	1	0.48	1
YBBN	SAAU31	YBBN	0	0.99	0.99	0.99	0.99	-	0.87	0.87	0.87	0.87	0	1	1	1	1
YBBN	FTAU31	YBBN	0	0.98	0.98	0.65	0.98	-	0.93	0.93	0.67	0.93	0	1	1	0.96	1
YBCG	SAAU32	YBBN	0	0.96	0.96	0.92	0.96	-	0.87	0.87	0.67	0.87	0	1	1	1	1
YBCG	FTAU32	YBBN	0	0.99	0.99	0.07	0.99	-	0.96	0.96	1	0.96	0	1	1	0.29	1
YBCS	SAAU32	YBBN	0	0.95	0.95	0.91	0.95	-	0.7	0.7	0.54	0.7	0	1	1	1	1
YBCS	FTAU32	YBBN	0	1	1	0.33	1	-	1	1	1	1	0	1	1	0.87	1
YBHM	SAAU34	YBBN	0	0.94	0.94	0.94	0.94	-	0.87	0.87	0.87	0.87	0	1	1	1	1
YBHM	FTAU34	YBBN	0	1	1	0.75	1	-	1	1	0.77	1	0	1	1	0.96	1
YBMA	SAAU34	YBBN	0	0.92	0.92	0.92	0.92	-	0.96	0.96	0.96	0.96	0	0.96	0.96	0.96	0.96
YBMA	FTAU34	YBBN	0	0.99	0.99	0.73	0.99	-	0.96	0.96	0.93	0.96	0	1	1	1	1
YBRK	SAAU32	YBBN	0	0.99	0.99	0.95	0.99	-	0.8	0.8	0.54	0.8	0	1	1	1	1
YBRK	FTAU32	YBBN	0	1	1	0.27	1	-	1	1	0.7	1	0	1	1	0.7	1
YBRM	SAAU32	YBBN	0	0.95	0.95	0.91	0.95	-	0.61	0.61	0.45	0.61	0	1	1	1	1
YBRM	FTAU32	YBBN	0	1	1	0.2	1	-	1	1	1	1	0	1	1	0.61	1
YBTL	SAAU32	YBBN	0	0.96	0.96	0.92	0.96	-	0.54	0.54	0.58	0.54	0	1	1	1	1
YBTL	FTAU32	YBBN	0	0.99	0.99	0.23	0.99	-	0.96	0.96	1	0.96	0	1	1	0.51	1
YCFS	SAAU32	YBBN	0	0.94	0.94	0.91	0.94	-	0.83	0.83	0.8	0.83	0	1	1	1	1
YCFS	FTAU32	YBBN	0	0.99	0.99	0.29	0.99	-	0.96	0.96	0.67	0.96	0	1	1	0.67	1
YCIN	SAAU35	YBBN	0	0.96	0.96	0.96	0.96	-	0.7	0.7	0.7	0.7	0	1	1	1	1
YCIN	FTAU35	YBBN	0	1	1	0.51	1	-	1	1	0.96	1	0	1	1	0.96	1
YFRT	SAAU35	YBBN	0	0.98	0.98	0.98	0.98	-	0.87	0.87	0.87	0.87	0	1	1	1	1
YFRT	FTAU35	YBBN	0	0.97	0.97	0.56	0.97	-	0.9	0.9	0.77	0.9	0	1	1	0.9	1
YGEL	SAAU33	YBBN	0	0.96	0.96	0.96	0.96	-	0.7	0.7	0.7	0.7	0	1	1	1	1
YGEL	FTAU33	YBBN	0	0.97	0.97	0.62	0.97	-	0.9	0.9	0.54	0.9	0	1	1	1	1
YGLA	SAAU33	YBBN	0	0.98	0.98	0.98	0.98	-	0.9	0.9	0.9	0.9	0	1	1	1	1

MET/IE WG/18 & MET/S WG/10 – WP/03

Agenda Item 3

27-31/07/20

YGLA	FTAU33	YBBN	0	1	1	0.62	1	-	1	1	0.45	1	0	1	1	0.96	1
YHID	SAAU33	YBBN	0	0.98	0.98	0.98	0.98	-	0.61	0.61	0.58	0.61	0	1	1	1	1
YHID	FTAU33	YBBN	0	1	1	0.6	1	-	1	1	0.77	1	0	1	1	0.96	1
YLHI	SAAU32	YBBN	0	0.9	0.9	0.89	0.9	-	0.38	0.38	0.32	0.38	0	1	1	1	1
YLHI	FTAU32	YBBN	0	1	1	0.36	1	-	1	1	0.74	1	0	1	1	0.74	1
YMAV	SAAU32	YBBN	0	0.96	0.96	0.92	0.96	-	0.83	0.83	0.7	0.83	0	1	1	1	1
YMAV	FTAU32	YBBN	0	1	1	0.19	1	-	1	1	1	1	0	1	1	0.54	1
YMHB	SAAU32	YBBN	0	0.96	0.96	0.92	0.96	-	0.77	0.77	0.64	0.77	0	1	1	1	1
YMHB	FTAU32	YBBN	0	0.99	0.99	0.29	0.99	-	0.96	0.96	0.77	0.96	0	1	1	0.77	1
YMLT	SAAU32	YBBN	0	0.97	0.97	0.93	0.97	-	0.9	0.9	0.74	0.9	0	1	1	1	1
YMLT	FTAU32	YBBN	0	1	1	0.29	1	-	1	1	0.83	1	0	1	1	0.83	1
YMML	SAAU31	YBBN	0	0.98	0.98	0.98	0.98	-	0.93	0.93	0.93	0.93	0	1	1	1	1
YMML	FTAU31	YBBN	0	0.99	0.99	0.52	0.99	-	0.96	0.96	0.74	0.96	0	1	1	0.93	1
YPAD	SAAU31	YBBN	0	0.99	0.99	0.99	0.99	-	0.83	0.83	0.83	0.83	0	1	1	1	1
YPAD	FTAU31	YBBN	0	0.98	0.98	0.68	0.98	-	0.93	0.93	0.64	0.93	0	1	1	0.96	1
YPCC	SAAU32	YBBN	0	0.98	0.98	0.94	0.98	-	0.93	0.93	0.77	0.93	0	1	1	1	1
YPCC	FTAU32	YBBN	0	1	1	0.12	1	-	1	1	1	1	0	1	1	0.38	1
YPDN	FTAU31	YBBN	0	0.98	0.98	0.78	0.98	-	0.93	0.93	0.83	0.93	0	1	1	1	1
YPEA	SAAU33	YBBN	0	0.97	0.97	0.97	0.97	-	0.83	0.83	0.83	0.83	0	1	1	1	1
YPEA	FTAU33	YBBN	0	1	1	0.63	1	-	1	1	0.87	1	0	1	1	0.96	1
YPGV	SAAU35	YBBN	0	0.97	0.97	0.97	0.97	-	0.8	0.8	0.8	0.8	0	1	1	1	1
YPGV	FTAU35	YBBN	0	1	1	0.54	1	-	1	1	0.77	1	0	1	1	0.96	1
YPJT	SAAU33	YBBN	0	0.98	0.98	0.98	0.98	-	0.87	0.87	0.87	0.87	0	1	1	1	1
YPJT	FTAU33	YBBN	0	1	1	0.63	1	-	1	1	0.9	1	0	1	1	0.96	1
YPKG	SAAU32	YBBN	0	0.98	0.98	0.93	0.98	-	0.77	0.77	0.58	0.77	0	1	1	1	1
YPKG	FTAU32	YBBN	0	1	1	0.12	1	-	1	1	1	1	0	1	1	0.38	1
YPKU	SAAU35	YBBN	0	0.97	0.97	0.97	0.97	-	0.87	0.87	0.87	0.87	0	1	1	1	1
YPKU	FTAU35	YBBN	0	1	1	0.63	1	-	1	1	0.8	1	0	1	1	1	1
YPLM	SAAU32	YBBN	0	0.98	0.98	0.94	0.98	-	0.87	0.87	0.48	0.87	0	1	1	1	1
YPLM	FTAU32	YBBN	0	0.99	0.99	0.13	0.99	-	0.96	0.96	1	0.96	0	1	1	0.41	1
YPPD	SAAU32	YBBN	0	0.97	0.97	0.93	0.97	-	0.8	0.8	0.58	0.8	0	1	1	1	1
YPPD	FTAU32	YBBN	0	1	1	0.33	1	-	1	1	0.77	1	0	1	1	0.77	1
YPPH	SAAU31	YBBN	0	0.98	0.98	0.98	0.98	-	0.83	0.83	0.83	0.83	0	1	1	1	1
YPPH	FTAU31	YBBN	0	0.99	0.99	0.72	0.99	-	0.96	0.96	0.87	0.96	0	1	1	1	1
YPTN	SAAU32	YBBN	0	0.97	0.97	0.93	0.97	-	0.45	0.45	0.38	0.45	0	1	1	1	1
YPTN	FTAU32	YBBN	0	0.96	0.96	0.25	0.96	-	0.9	0.9	1	0.9	0	1	1	0.67	1
YPWR	SAAU33	YBBN	0	0.96	0.96	0.96	0.96	-	0.8	0.8	0.8	0.8	0	1	1	1	1
YPWR	FTAU33	YBBN	0	1	1	0.62	1	-	1	1	0.83	1	0	1	1	0.96	1
YPXM	SAAU32	YBBN	0	0.92	0.92	0.88	0.92	-	0.83	0.83	0.7	0.83	0	1	1	1	1
YPXM	FTAU32	YBBN	0	1	1	0.15	1	-	1	1	0.38	1	0	1	1	0.38	1
YSCB	SAAU32	YBBN	0	0.94	0.94	0.91	0.94	-	0.87	0.87	0.7	0.87	0	1	1	1	1
YSCB	FTAU32	YBBN	0	1	1	0.33	1	-	1	1	0.8	1	0	1	1	0.8	1
YSDU	SAAU33	YBBN	0	0.96	0.96	0.96	0.96	-	0.83	0.83	0.83	0.83	0	1	1	1	1
YSDU	FTAU33	YBBN	0	0.99	0.99	0.58	0.99	-	0.96	0.96	0.87	0.96	0	1	1	1	1
YSNF	SAAU32	YBBN	0	0.96	0.96	0.92	0.96	-	0.83	0.83	0.74	0.83	0	1	1	1	1
YSNF	FTAU32	YBBN	0	1	1	0.22	1	-	1	1	0.7	1	0	1	1	0.7	1
YSRI	SAAU33	YBBN	0	0.97	0.97	0.97	0.97	-	0.87	0.87	0.87	0.87	0	1	1	1	1
YSRI	FTAU33	YBBN	0	1	1	0.55	1	-	1	1	0.74	1	0	1	1	0.96	1
YSSY	SAAU31	YBBN	0	0.99	0.99	0.99	0.99	-	0.87	0.87	0.87	0.87	0	1	1	1	1
YSSY	FTAU31	YBBN	0	1	1	0.67	1	-	1	1	0.83	1	0	1	1	1	1
YSTW	SAAU33	YBBN	0	0.97	0.97	0.97	0.97	-	0.87	0.87	0.87	0.87	0	1	1	1	1
YSTW	FTAU33	YBBN	0	0.99	0.99	0.6	0.99	-	0.96	0.96	0.83	0.96	0	1	1	0.96	1
YWLM	SAAU32	YBBN	0	0.95	0.95	0.91	0.95	-	0.77	0.77	0.67	0.77	0	1	1	1	1
YWLM	FTAU32	YBBN	0	1	1	0.38	1	-	1	1	0.77	1	0	1	1	0.77	1
ZBAA	SACI31	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZBAA	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZBHH	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZBHH	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZBSJ	SACI31	ZBBB	0	0.5	0.5	0.49	0.5	-	1	1	0.9	1	0	1	1	1	1
ZBSJ	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZBTJ	SACI31	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZBTJ	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZBYN	SACI31	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZBYN	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZGGG	SACI31	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZGGG	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1

ZGHA	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZGHA	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZGKL	SACI32	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZGKL	FTCI32	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZGNN	SACI32	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZGNN	FTCI32	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZGOW	SACI32	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZGOW	FTCI32	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZGSZ	SACI32	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZGSZ	FTCI32	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZHCC	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZHCC	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZHHH	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZHHH	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZJHK	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZJHK	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZJSY	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZJSY	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZLLL	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZLLL	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZLXY	SACI32	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZLXY	FTCI32	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZMUB	SACI32	ZBBB	0	1	0.99	1	0.99	-	1	0.96	1	0.96	0	1	1	1	1
ZMUB	FTCI32	ZBBB	0	0.96	0.94	0.98	0.94	-	0.87	0.83	0.93	0.83	0	1	1	1	1
ZPPP	SACI32	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZPPP	FTCI32	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZSAM	SACI32	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZSAM	FTCI32	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZSFZ	SACI32	ZBBB	0	1	1	0.99	1	-	1	1	0.93	1	0	1	1	1	1
ZSFZ	FTCI32	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZSHC	SACI31	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZSHC	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZSNB	SACI32	ZBBB	0	1	1	0.99	1	-	1	1	0.93	1	0	1	1	1	1
ZSNB	FTCI32	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZSNJ	SACI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZSNJ	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZSOF	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZSOF	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZSPD	SACI31	ZBBB	0	1	1	0.99	1	-	1	1	0.9	1	0	1	1	1	1
ZSPD	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZSQD	SACI32	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZSQD	FTCI32	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZSSS	SACI31	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZSSS	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZUCK	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZUCK	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZUUU	SACI32	ZBBB	0	1	1	0.99	1	-	1	1	0.93	1	0	1	1	1	1
ZUUU	FTCI32	ZBBB	0	1	1	1	0.99	-	1	1	1	0.96	0	1	1	1	1
ZWSH	SACI31	ZBBB	0	0.5	0.5	0.49	0.5	-	1	1	0.9	1	0	1	1	1	1
ZWSH	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZWWW	SACI31	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZWWW	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZYCC	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZYCC	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZYHB	SACI41	ZBBB	0	1	1	0.99	1	-	1	1	0.96	1	0	1	1	1	1
ZYHB	FTCI41	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZYTL	SACI31	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZYTL	FTCI31	ZBBB	0	1	1	0.98	1	-	1	1	0.96	1	0	1	1	1	1
ZYTX	SACI31	ZBBB	0	1	1	1	1	-	1	1	1	1	0	1	1	1	1
ZYTX	FTCI31	ZBBB	0	1	1	1	0.98	-	1	1	1	0.96	0	1	1	1	1