

# EPL 21364 – Annual Rolling Stock Report

1 January 2024 to 31 December 2024

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Title: Environment Manager  
Date: 28 February 2025



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## Background

Pacific National Pty Ltd (PN), is the holder of Environmental Protection Licence 21364 ('The Licence').

In accordance with **Condition R4.2**, PN is required to submit an Annual Rolling Stock Report (the Report) to the NSW Environment Protection Authority ('EPA') by 28 February each year for the previous calendar year reporting period.

This Annual report is for the reporting period **1 January 2024 to 31 December 2024**.

Requirements for this Report are listed in **Table 1**.

Table 1: Condition R4.2: Annual Rolling Stock Report Requirements

No.	Requirement	Location in Report
<b>R4.2</b>	The licensee must submit to the EPA no later than 28 February of each year an Annual Rolling Stock Performance report for the previous calendar year (1 January to 31 December). The report must include:	
<b>a</b>	the number of the licensee's locomotives that underwent a Major Engine Overhaul in the calendar year and, for each locomotive:	Section 2
<b>i</b>	<i>the unique identification number of the locomotive;</i>	Table 2 Appendix A Sheet 1 (Col A)
<b>ii</b>	<i>details of the class, type/model, the engine manufacturer and engine model; and</i>	Table 2 Appendix A Sheet 1 (Col B,C,D)
<b>iii</b>	<i>the date of the Major Engine Overhaul.</i>	Table 2 Appendix A Sheet 1 (Col E)
<b>b</b>	details of all locomotives identified under Condition M5.3(e) and a summary of the noise mitigation measures in the plan of management required by Condition M5.3(e) that were undertaken and completed during the calendar year, if any.	Section 2 Table 2 Appendix A Sheet 1 & 2
<b>c</b>	details of any unacceptable Angle of Attack event identified for a freight wagon of a priority wagon class within the meaning of this licence during the calendar year for the purposes of Condition M5.2. These details must include:	Section 2
<b>i</b>	<i>the unique identification number of each freight wagon involved and the time and date of any unacceptable Angle of Attack event at a Wayside Monitoring System location;</i>	Appendix A Sheet 3 Col B&C
<b>ii</b>	<i>whether the freight wagon identified under Condition R4.2(c)(i) has been rectified in accordance with Condition U5 of this licence, or when rectification is scheduled to occur for the identified freight wagon; and,</i>	Appendix A Sheet 4 Col H,I,L
<b>iii</b>	<i>where a freight wagon of a priority wagon class that has been subject to rectification under Condition U5 has recorded an unacceptable Angle of Attack, the additional measures to ensure the wagon has an acceptable Angle of Attack and timeframes for implementation of those measures.</i>	Appendix A Sheet 4 Col J&K Section 4

No.	Requirement	Location in Report
<b>d</b>	the number of freight wagons of a priority wagon class that underwent rectification under Condition U5 during the reporting period and for each freight wagon:	
<b>i</b>	<i>the unique identification number of the freight wagon;</i>	Appendix A Sheet 5 Column B
<b>ii</b>	<i>details of the class of the freight wagon; and</i>	Appendix A Sheet 5 Column A
<b>iii</b>	<i>a summary of the corrective measures undertaken to rectify the freight wagon, including the date of freight wagon rectification.</i>	Appendix A Sheet 5 Column C&D

## Locomotive Major Engine Overhauls

As set out in the Rolling Stock Operations Licence Dictionary ('RSO Dictionary'), a locomotive Major Engine Overhaul ('MEO') is defined as either:

*A scheduled maintenance procedure that either replaces or inspects and qualifies each and every power assembly of the locomotive engine.*

*A major engine overhaul will not include unscheduled maintenance to replace these components due to unforeseen failure of engine component(s) prior to scheduled maintenance;*

**or**

*Installation of a remanufactured or freshly manufactured engine into an existing locomotive.*

**Table 2** below provides an overview of locomotives that underwent MEO during the 2024 reporting period (**Appendix A**, Sheet A). Thirteen (13) locomotives underwent MEO in the 2024 calendar year.

## Locomotive Noise Testing

**Table 2 and Appendix A** Sheet 1 lists those locomotives overhauled during the 2024 reporting period along with the status of noise testing. All 13 locomotives that underwent MEO have been subject to noise testing.

Table 2: Locomotive Major Engine Overhauls and Noise Testing (2024 Reporting Period)

Loco Id	Locomotive Class	Engine Manufacturer	Engine Model	Date of Overhaul	Noise testing undertaken (Y/N)
<b>8252</b>	82	EMD	12-710G3A	18/01/2024	Y
<b>8243</b>	82	EMD	12-710G3A	21/01/2024	Y
<b>TT07</b>	TT	EMD	EMD 16-710G3C-ES2	21/02/2024	Y
<b>9307</b>	93	GE	7FDL-16 C44ACi-AU	1/03/2024	Y

Loco Id	Locomotive Class	Engine Manufacturer	Engine Model	Date of Overhaul	Noise testing undertaken (Y/N)
TT08	TT	EMD	EMD 16-710G3C-ES2	7/05/2024	Y
9305	93	GE	7FDL-16 C44ACi-AU	28/05/2024	Y
WH001	WH	EMD	EMD 16-710G3C-ES2	28/06/2024	Y
9314	93	GE	7FDL-16 C44ACi-AU	30/07/2024	Y
9315	93	GE	7FDL-16 C44ACi-AU	4/09/2024	Y
9316	93	GE	7FDL-16 C44ACi-AU	11/10/2024	Y
TT102	TT	EMD	EMD 16-710G3C-ES2	9/09/2024	Y
8257	82	EMD	12-710G3A	10/10/2024	Y
TT103	TT	EMD	16-710G3C-ES2	19/11/2024	Y

In addition, during 2024 PN undertook locomotive noise tests on **47** locomotives that had MEO carried out during previous reporting years but had not yet had noise testing undertaken (See **Appendix A**, Sheet 2).

### Locomotive Noise Management Plan Requirements

A management plan is required for locomotives that exceed the EPA noise and tonality limits provided in Condition L3.5 and L3.6, respectively of The Licence. **Appendix A** Sheet 2 provides a summary of all locomotive noise tests undertaken to date (since licence inception) and the requirement for a Noise Management Plan ('NMP').

In previous reporting years, PN has adopted a Watching Brief for locomotives that have demonstrated exceedances of Noise Criteria when tested under the MEO noise testing program. In 2025, the Watching Brief has become the first phase of PN's Locomotive Noise Management Strategy. The Locomotive Noise Management Strategy is a four (4) phase process consisting of:

- Watching Brief – aimed at determining if an exceedance is specific to a particular locomotive or may reflect the noise character of the locomotive class or fleet.
- Causal Analysis – determination of why the exceedance may be occurring and entails both analysis of locomotive testing noise data and locomotive data logger information.
  1. Impact Analysis – determination of whether the exceedance is significant in relation to material harm to the NSW public.
  2. Specific Locomotive Noise Management Strategies

The Management Plan requirements for locomotives that have undergone noise testing and exceeded EPA noise criteria are presented in **Appendix A** Sheet 2 Column H. To date no class or individual locomotive specific management plan has been established by PN, however;

- 90 class locomotives are undergoing a causal analysis in relation to tonality exceedances, and
- Impact analysis of 93 class and NR class locomotives is being undertaken for exceedances occurring in Low Idle.

## Wheel Squeal – Angle of Attack – 2024 Data

As set out in the RSO Dictionary, Priority Wagon Classes are defined as:

*a class of freight wagons, as identified to the licensee by Transport for NSW, requiring rectification in accordance with Transport for NSW's standard titled THR RS 00400 ST RSU 400 Series – Minimum Operating Standards for Rolling Stock – Freight Vehicle Specific Interface Requirements Version 2.0 Issued date: 24 August 2017,*

**and**

*being one of the following priority wagon classes: RKWY, RQCY, VQCY, RKFX, RRY, CQWY, RKM, RKY, RBY, RRY, RKC, RKF, VQY, RQY, PBGY, ABSY, CQJY, CQGY, CQYY, CQEY, CQPY.*

**Appendix A** (Sheet 4) summarises the Angle of Attack (AoA) events and wheel rectification status for priority wagons exceeding the AoA threshold at Beecroft during 2024.

Wagons that demonstrate exceedance of the AoA threshold post rectification are reviewed by PN's Wagon Engineering and Reliability team to determine whether further action is required. During 2024 11 priority wagons exceeded the AoA threshold at Beecroft after rectification (**Appendix A** Sheet 4 Column J).

- Six (6) wagons have been decommissioned as part of PN's fleet review and hence are no longer operational.
- Two wagons were deemed to be in the "bedding in" period whereby the exceedance was recorded within weeks of the rectification.
- Three wagons are demonstrating step change improvements in performance with occasional AoA threshold exceedances at the Beecroft monitoring station following rectification. This risk has been acknowledged by the NSW EPA and TfNSW in prior communications with PN (June 2022). The level of rectification effectiveness is highlighted in the case of the following three instances and their recorded exceedance rate:
  - RKFX000038 exhibited 38% compliance pre-rectification and is 96% compliance post rectification;
- RKWY004013 exhibited 42% compliance pre-rectification and is demonstrating 99% compliance post rectification;
- RRY000004 exhibited 90% compliance pre-rectification and is demonstrating 98% compliance post rectification.

## Wagon Rectification

PN adopted a bogie approach to AoA exceedances, rather than a focus on individual wagons or wagon classes. Modifications implemented to rectify wagons are based on bogie type and are:

- Ride Control Bogies – Alternate / Stiffer control springs plus alternate centre bowl liners;
- Barber bogies – Friction (Split) wedges;
- Selected bogies – bolster resizing to control lateral movement of friction wedges.

The Wagon Rectification Program targets all wagons classified as "Priority Wagons" in The Licence. Priority Wagons are targeted for changeout to bogies with modified components aimed at reducing wheel squeal. During 2024, 131 wagons were modified in accordance with the Rectification Program. Additionally, within the 2024 reporting period, PN decommissioned a significant proportion (47%) of the Priority Wagons (rectified

and / or flagged for rectification) across its fleet. Priority Wagons. A log of wagon rectifications is provided in Appendix A Sheet 5. The sheet also includes detail of wagons that have been decommissioned – work orders for modifications to these wagons have thus been closed and these wagons are marked complete.

## Continuous Improvement

During 2024 PN established an improved process to facilitate the internal review of the AoA performance of rectified wagons which included establishment of;

- Improved access of relevant PN stakeholders to Sydney Trains AoA data;
- A structured review and reporting process by the Wagon Engineering and Reliability Team for AoA exceedances recorded against rectified wagons;
- A dashboard for to communicate progress of Wagon Modification Program.

Additionally, PN and TfNSW have improved their systems of communication described in the 2024 Annual Rolling Stock Report to facilitate the transfer of information relating to wagon modifications. PN provides information to TfNSW on modification details and TfNSW uses the information to track compliance post modification. This collaboration has greatly facilitated PN's reporting to the NSW EPA.

If you have any questions in relation to this report, please do not hesitate to me.

Yours sincerely,



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## **Appendix A: Annual Rolling Stock Performance Data**

See separate file Attachment (Excel file).



## Sheet 1: Locomotives Undergoing Major Engine Overhaul

Reporting Period 1 January - 31 December 2023

*EPL 21364R4.2a(i)*

*EPL 21364R4.2a(ii)*

*EPL 21364R4.2a(iii)*

Loco Id	Locomotive Class	Engine Manufacturer	Engine Model	Date of Overhaul	Noise testing undertaken (Y/N)	Date of Noise Testing	Testing within 6 months of MEO
8252	82	EMD	12-710G3A	18/01/2024	Y	15/01/2024	Y
8243	82	EMD	12-710G3A	21/01/2024	Y	22/05/2024	Y
TT07	TT	EMD	EMD 16-710G3C-ES2	21/02/2024	Y	23/02/2024	Y
9307	93	GE	7FDL-16 C44ACi-AU	1/03/2024	Y	28/02/2024	Y
TT08	TT	EMD	EMD 16-710G3C-ES2	7/05/2024	Y	28/05/2024	Y
9305	93	GE	7FDL-16 C44ACi-AU	28/05/2024	Y	30/05/2024	Y
WH001	WH	EMD	EMD 16-710G3C-ES2	28/06/2024	Y	27/06/2024	Y
9314	93	GE	7FDL-16 C44ACi-AU	30/07/2024	Y	16/07/2024	Y
9315	93	GE	7FDL-16 C44ACi-AU	4/09/2024	Y	29/08/2024	Y
9316	93	GE	7FDL-16 C44ACi-AU	11/10/2024	Y	11/10/2024	Y
TT102	TT	EMD	EMD 16-710G3C-ES2	9/09/2024	Y	4/09/2024	Y
8257	82	EMD	12-710G3A	10/10/2024	Y	10/10/2024	Y
TT103	TT	EMD	16-710G3C-ES2	19/11/2024	Y	18/11/2024	Y

Sheet 2: Complete List of Noise Tests since licence inception and Management Plan Requirements

EPL 21364RA.2b

EPL 21364 MS.3f

Class	Loco Id	Engine Manufacturer	Engine Model	Date of Overhaul	Noise testing undertaken (Y/N)	Date of Noise Testing	Management Plan requirements*	Testing within 6 months of MEO*
90	9035	EMD	16-710G3A	1/05/2021	Y	29/07/2022	Tonality Causal Assessment	NA
TT	TT113	EMD	16-710G3C-ES2	7/08/2020	Y	21/04/2022	Not Required	NA
NR	NR108	GE	7FDL-16 Dash-9 NR	13/08/2020	Y	22/07/2022	Not Required	NA
NR	NR039	GE	7FDL-16 Dash-9 NR	1/09/2020	Y	12/02/2022	LI Cause and effect analysis	NA
NR	NR038	GE	7FDL-16 Dash-9 NR	9/09/2020	Y	20/06/2024	LI Cause and effect analysis	NA
90	9030	EMD	16-710G3A	21/09/2020	Y	27/04/2022	Not Required	NA
NR	NR052	GE	7FDL-16 Dash-9 NR	29/09/2020	Y	12/02/2022	Watching Brief_Tonality	NA
NR	NR094	GE	7FDL-16 Dash-9 NR	7/10/2020	Y	12/02/2022	LI Cause and effect analysis	NA
TT	TT111	EMD	16-710G3C-ES2	8/10/2020	Y	26/04/2023	Watching Brief_Tonality	NA
NR	NR015	GE	7FDL-16 Dash-9 NR	16/10/2020	Y	12/02/2022	LI Cause and effect analysis Watching Brief_Tonality	NA
NR	NR018	GE	7FDL-16 Dash-9 NR	16/10/2020	Y	6/06/2024	LI Cause and effect analysis Watching Brief_Tonality	NA
TT	TT114	EMD	16-710G3C-ES2	3/11/2020	Y	20/06/2024	Watching Brief_Tonality	NA
NR	NR049	GE	7FDL-16 Dash-9 NR	4/11/2020	Y	12/02/2022	Watching Brief_Tonality	NA
92	9211	GE	7FDL-16 C44AG-AU	6/11/2020	Y	16/12/2021	Watching Brief of Class	NA
NR	NR005	GE	7FDL-16 Dash-9 NR	13/11/2020	Y	12/02/2022	LI Cause and effect analysis Watching Brief_Tonality	NA
NR	NR037	GE	7FDL-16 Dash-9 NR	30/11/2020	Y	9/02/2022	Not Required	NA
90	9029	EMD	16-710G3A	7/12/2020	Y	14/04/2022	Tonality Causal Assessment	NA
NR	NR016	GE	7FDL-16 Dash-9 NR	9/12/2020	Y	12/02/2022	LI Cause and effect analysis Watching Brief_Tonality	NA
TT	TT118	EMD	16-710G3C-ES2	11/12/2020	Y	23/06/2022	Not Required	NA
NR	NR024	GE	7FDL-16 Dash-9 NR	18/12/2020	Y	4/08/2022	LI Cause and effect analysis	NA
NR	NR122	GE	7FDL-16 Dash-9 NR	8/01/2021	Y	29/01/2024	Watching Brief_Tonality	NA
NR	NR031	GE	7FDL-16 Dash-9 NR	18/01/2021	Y	10/08/2024	Watching Brief_Tonality	NA
NR	NR117	GE	7FDL-16 Dash-9 NR	8/02/2021	Y	19/04/2022	LI Cause and effect analysis	NA
TT	TT120	EMD	16-710G3C-ES2	20/02/2021	Y	22/03/2023	Not Required	NA
NR	NR061	GE	7FDL-16 Dash-9 NR	22/02/2021	Y	20/09/2024	LI Cause and effect analysis	NA
NR	NR012	GE	7FDL-16 Dash-9 NR	25/02/2021	Y	11/04/2022	Not Required	NA
NR	NR093	GE	7FDL-16 Dash-9 NR	5/03/2021	Y	11/08/2022	Not Required	NA
TT	TT129	EMD	16-710G3C-ES2	18/03/2021	Y	21/07/2022	Not Required	NA
NR	NR055	GE	7FDL-16 Dash-9 NR	23/03/2021	Y	12/02/2022	LI Cause and effect analysis Watching Brief_Tonality	NA
TT	TT121	EMD	16-710G3C-ES2	7/04/2021	Y	12/04/2023	Watching Brief	NA
TT	TT122	EMD	16-710G3C-ES2	27/04/2021	Y	5/05/2023	Not Required	NA
NR	NR064	GE	7FDL-16 Dash-9 NR	13/05/2021	Y	12/02/2022	Watching Brief_Tonality	NA
NR	NR010	GE	7FDL-16 Dash-9 NR	16/05/2021	Y	3/04/2024	LI Cause and effect analysis	NA
TT	TT127	EMD	16-710G3C-ES2	17/05/2021	Y	13/05/2022	Watching Brief_Tonality	NA
NR	NR084	GE	7FDL-16 Dash-9 NR	11/06/2021	Y	5/04/2022	Watching Brief_Tonality	NA
TT	TT128	EMD	16-710G3C-ES2	22/06/2021	Y	1/07/2022	Not Required	NA
NR	NR034	GE	7FDL-16 Dash-9 NR	1/07/2021	Y	22/02/2024	LI Cause and effect analysis	NA
NR	NR006	GE	7FDL-16 Dash-9 NR	13/07/2021	Y	25/07/2024	LI Cause and effect analysis Watching Brief_Tonality	NA
NR	NR072	GE	7FDL-16 Dash-9 NR	14/07/2021	Y	14/02/2024	Watching Brief_Tonality	NA
TT	TT123	EMD	16-710G3C-ES2	23/07/2021	Y	31/01/2023	Not Required	NA
NR	NR110	GE	7FDL-16 Dash-9 NR	12/08/2021	Y	30/03/2022	LI Cause and effect analysis	NA
TT	TT124	EMD	16-710G3C-ES2	18/08/2021	Y	24/02/2023	Watching Brief_Tonality	NA
90	9004	EMD	16-710G3A	24/08/2021	Y	17/01/2023	Not Required_Stowed	NA
NR	NR092	GE	7FDL-16 Dash-9 NR	26/08/2021	Y	24/04/2024	LI Cause and effect analysis	NA
TT	TT102	EMD	16-710G3C-ES2	14/09/2021	Y	12/04/2024	Watching Brief_Tonality	NA
TT	TT103	EMD	16-710G3C-ES2	14/09/2021	Y	26/05/2023	Not Required	NA
TT	TT116	EMD	16-710G3C-ES2	14/09/2021	Y	2/05/2024	Watching Brief_Tonality	NA
NR	NR073	GE	7FDL-16 Dash-9 NR	27/09/2021	Y	29/02/2024	LI Cause and effect analysis	NA
TT	TT125	EMD	16-710G3C-ES2	1/10/2021	Y	1/10/2021	Not Required	NA
NR	NR051	GE	7FDL-16 Dash-9 NR	7/10/2021	Y	28/11/2024	LI Cause and effect analysis Watching Brief_Tonality	NA
NR	NR113	GE	7FDL-16 Dash-9 NR	11/10/2021	Y	21/08/2024	LI Cause and effect analysis	NA
TT	TT117	EMD	16-710G3C-ES2	29/10/2021	Y	1/07/2022	Not Required	NA
NR	NR102	GE	7FDL-16 Dash-9 NR	29/10/2021	Y	28/06/2024	LI Cause and effect analysis Watching Brief_Tonality	NA
NR	NR047	GE	7FDL-16 Dash-9 NR	1/11/2021	Y	19/04/2022	Not Required	NA
NR	NR014	GE	7FDL-16 Dash-9 NR	17/11/2021	Y	5/04/2022	LI Cause and effect analysis Watching Brief_Tonality	NA
NR	NR104	GE	7FDL-16 Dash-9 NR	19/11/2021	Y	2/10/2024	LI Cause and effect analysis Watching Brief_Tonality	NA
NR	NR063	GE	7FDL-16 Dash-9 NR	1/12/2021	Y	18/07/2024	LI Cause and effect analysis	NA
TT	TT130	EMD	16-710G3C-ES2	2/12/2021	Y	1/12/2021	Not Required	NA
NR	NR118	GE	7FDL-16 Dash-9 NR	16/12/2021	Y	4/08/2022	Watching Brief_Tonality	NA
NR	NR035	GE	7FDL-16 Dash-9 NR	20/01/2022	Y	30/03/2022	LI Cause and effect analysis Watching Brief_Tonality	NA
82	8207	EMD	12-710G3A	1/02/2022	Y	8/07/2022	Watching Brief	NA
NR	NR115	GE	7FDL-16 Dash-9 NR	3/02/2022	Y	12/02/2022	LI Cause and effect analysis	NA
NR	NR056	GE	7FDL-16 Dash-9 NR	7/02/2022	Y	9/02/2022	Not Required	NA
NR	NR083	GE	7FDL-16 Dash-9 NR	25/02/2022	Y	25/09/2024	Watching Brief_Tonality	NA
NR	NR070	GE	7FDL-16 Dash-9 NR	11/03/2022	Y	26/11/2024	LI Cause and effect analysis Watching Brief_Tonality	NA
NR	NR077	GE	7FDL-16 Dash-9 NR	11/03/2022	Y	15/07/2024	LI Cause and effect analysis Watching Brief_Tonality	NA
NR	NR044	GE	7FDL-16 Dash-9 NR	28/03/2022	Y	9/12/2024	LI Cause and effect analysis Watching Brief_Tonality	NA
NR	NR004	GE	7FDL-16 Dash-9 NR	12/04/2022	Y	13/04/2022	LI Cause and effect analysis Watching Brief_Tonality	NA
81	8149	EMD	16-645E3B Turbo	14/04/2022	Y	8/07/2022	Not Required	NA
82	8201	EMD	12-710G3A	27/04/2022	Y	6/02/2023	Not Required	NA
NR	NR040	GE	7FDL-16 Dash-9 NR	18/05/2022	Y	2/05/2024	LI Cause and effect analysis	NA

\* Classification

Not Required	Noise testing post major engine overhaul did not identify non compliance with EPL criteria
LI Cause and effect analysis	Pacific National is currently undertaking a cause and effect analysis of a sample of locomotive data to ascertain the impacts of low idle noise exceedances
Watching Brief_Tonality	Identifies that locomotive noise test identified a tonality exceedance, but no systemic pattern has been identified
Watching Brief of Class	Representative number of locomotives from Engine Class have not yet undergone testing
Not Required_Stowed	Locomotives are stowed prior to decommissioning
Tonality Causal Assessment	90 Class Fleet real time tonality assessment to be undertaken during MEO

\* Testing within 6 months of overhaul applies to locomotives undergoing MEO post Licence version 7 August 2023

NR	NR009	GE	7FDL-16 Dash-9 NR	23/05/2022	Y	29/11/2023	Not Required	NA
NR	NR058	GE	7FDL-16 Dash-9 NR	3/06/2022	Y	4/07/2024	LI Cause and effect analysis	NA
90	9016	EMD	16-710G3A	3/06/2022	Y	6/06/2022	Not Required_ Stowed	NA
NR	NR089	GE	7FDL-16 Dash-9 NR	17/06/2022	Y	17/06/2024	Not Required	NA
TT	TT132	EMD	16-710G3C-ES2	21/06/2022	Y	21/06/2022	Not Required	NA
LDP	LDP003	EMD	16-710G3C-ES2	28/06/2022	Y		Not Required	NA
81	8110	EMD	16-645E3B Turbo	30/06/2022	Y	27/06/2022	Watching Brief of Class	NA
NR	NR001	GE	7FDL-16 Dash-9 NR	1/07/2022	Y	13/06/2024	Watching Brief_ Tonality	NA
NR	NR059	GE	7FDL-16 Dash-9 NR	7/07/2022	Y	17/01/2024	Not Required	NA
82	8217	EMD	12-710G3A	14/07/2022	Y	16/10/2024	Not Required	NA
NR	NR029	GE	7FDL-16 Dash-9 NR	15/07/2022	Y	26/10/2023	Not Required	NA
NR	NR030	GE	7FDL-16 Dash-9 NR	29/07/2022	Y	7/03/2024	LI Cause and effect analysis	NA
NR	NR076	GE	7FDL-16 Dash-9 NR	8/08/2022	Y	11/08/2022	Not Required	NA
NR	NR053	GE	7FDL-16 Dash-9 NR	12/08/2022	Y	28/10/2024	LI Cause and effect analysis	NA
90	9005	EMD	16-710G3A	22/08/2022	Y	23/12/2022	Not Required_ Stowed	NA
NR	NR066	GE	7FDL-16 Dash-9 NR	29/08/2022	Y	15/11/2023	Not Required	NA
NR	NR046	GE	7FDL-16 Dash-9 NR	14/09/2022	Y	14/03/2024	Watching Brief_ Tonality	NA
NR	NR002	GE	7FDL-16 Dash-9 NR	23/09/2022	Y	14/11/2024	LI Cause and effect analysis	NA
NR	NR096	GE	7FDL-16 Dash-9 NR	27/09/2022	Y	17/10/2024	Watching Brief_ Tonality	NA
LDP	LDP009	EMD	16-710G3C-ES2	7/10/2022	Y	10/05/2024	Watching Brief_ Tonality	NA
NR	NR048	GE	7FDL-16 Dash-9 NR	21/10/2022	Y	30/07/2024	Watching Brief_ Tonality	NA
NR	NR013	GE	7FDL-16 Dash-9 NR	31/10/2022	Y	10/10/2024	LI Cause and effect analysis	NA
90	9022	EMD	16-710G3A	22/11/2022	Y	16/01/2023	Not Required_ Stowed	NA
NR	NR019	GE	7FDL-16 Dash-9 NR	21/12/2022	Y	18/10/2023	Watching Brief_ Tonality	NA
NR	NR054	GE	7FDL-16 Dash-9 NR	16/12/2022	Y	5/11/2023	Watching Brief_ Tonality	NA
TT	TT01	EMD	16-710G3C-ES2	16/12/2022	Y	15/12/2022	Watching Brief	NA
LDP	LDP005	EMD	16-710G3C-ES2	16/12/2022	Y	1/03/2024	Watching Brief_ Tonality	NA
NR	NR120	GE	7FDL-16 Dash-9 NR	20/12/2022	Y	21/03/2024	LI Cause and effect analysis	NA
82	8218	EMD	12-710G3A	21/12/2022	Y	25/05/2023	Watching Brief_ Tonality	NA
81	8174	EMD	16-645E3B Turbo	30/12/2022	Y	30/12/2022	Watching Brief of Class	NA
NR	NR121	GE	7FDL-16 Dash-9 NR	19/01/2023	Y	8/11/2023	Not Required	NA
NR	NR017	GE	7FDL-16 Dash-9 NR	6/02/2023	Y	31/03/2024	Not Required	NA
NR	NR082	GE	7FDL-16 Dash-9 NR	7/02/2023	Y	6/02/2023	Watching Brief_ Tonality	NA
NR	NR109	GE	7FDL-16 Dash-9 NR	10/02/2023	Y	14/05/2024	LI Cause and effect analysis	NA
NR	NR074	GE	7FDL-16 Dash-9 NR	20/02/2023	Y	6/02/2024	LI Cause and effect analysis	NA
82	8229	EMD	12-710G3A	27/02/2023	Y	27/02/2023	Not Required	NA
82	8230	EMD	12-710G3A	31/03/2023	Y	31/03/2023	Not Required	NA
TT	TT04	EMD	EMD 16-710G3C-ES2	1/06/2023	Y	29/07/2023	Not Required	NA
93	9317	GE	7FDL-16 C44ACI-AU	24/06/2023	Y	27/06/2023	Watching Brief_ Tonality	NA
LDP	LDP006	EMD	16-710G3C-ES2	1/07/2023	Y	21/03/2024	Watching Brief_ Tonality	NA
82	8224	EMD	12-710G3A	15/07/2023	Y	1/08/2023	Watching Brief_ Tonality	NA
93	9311	GE	7FDL-16 C44ACI-AU	14/08/2023	Y	14/08/2023	LI Cause and effect analysis	Y
82	8220	EMD	12-710G3A	16/08/2023	Y	28/08/2023	Not Required	Y
81	8130	EMD	16-645E3B Turbo	7/09/2023	Y	14/08/2024	Watching Brief of Class	Y
93	9303	GE	7FDL-16 C44ACI-AU	18/09/2023	Y	19/09/2023	LI Cause and effect analysis	Y
LDP	LDP002	EMD	16-710G3C-ES2	19/09/2023	Y	15/04/2024	Watching Brief_ Tonality	N
NR	NR098	GE	7FDL-16 Dash-9 NR	20/09/2023	Y	12/10/2023	Not Required	Y
82	8245	EMD	12-710G3A	23/09/2023	Y	27/09/2023	Watching Brief_ Tonality	Y
TT	TT05	EMD	16-710G3C-ES2	25/09/2023	Y	21/09/2023	Not Required	Y
82	8255	EMD	12-710G3A	25/10/2023	Y	1/11/2023	Not Required	Y
93	9313	GE	7FDL-16 C44ACI-AU	16/11/2023	Y	1/11/2023	Not Required	Y
TT	TT06	EMD	EMD 16-710G3C-ES2	24/11/2023	Y	6/06/2024	Watching Brief_ Tonality	N
LDP	LDP007	EMD	16-710G3C-ES2	26/11/2023	Y	25/04/2024	Watching Brief_ Tonality	Y
82	8240	EMD	12-710G3A	30/11/2023	Y	23/05/2024	Not Required	Y
93	9308	GE	7FDL-16 C44ACI-AU	19/12/2023	Y	19/12/2023	Watching Brief_ Tonality	Y
82	8252	EMD	12-710G3A	18/01/2024	Y	15/01/2024	Watching Brief_ Tonality	Y
82	8243	EMD	12-710G3A	21/01/2024	Y	22/05/2024	Watching Brief_ Tonality	Y
TT	TT07	EMD	EMD 16-710G3C-ES2	21/02/2024	Y	23/02/2024	Watching Brief_ Tonality	Y
93	9307	GE	7FDL-16 C44ACI-AU	1/03/2024	Y	28/02/2024	LI Cause and effect analysis	Y
TT	TT08	EMD	EMD 16-710G3C-ES2	7/05/2024	Y	28/05/2024	Not Required	Y
93	9305	GE	7FDL-16 C44ACI-AU	28/05/2024	Y	30/05/2024	LI Cause and effect analysis	Y
WH	WH001	EMD	EMD 16-710G3C-ES2	28/06/2024	Y	27/06/2024	Watching Brief_ Tonality	Y
93	9314	GE	7FDL-16 C44ACI-AU	30/07/2024	Y	16/07/2024	Watching Brief of Class	Y
93	9315	GE	7FDL-16 C44ACI-AU	4/09/2024	Y	29/08/2024	LI Cause and effect analysis	Y
93	9316	GE	7FDL-16 C44ACI-AU	11/10/2024	Y	11/10/2024	LI Cause and effect analysis	Y
TT	TT102	EMD	EMD 16-710G3C-ES2	9/09/2024	Y	4/09/2024	Watching Brief_ Tonality	Y
82	8257	EMD	12-710G3A	10/10/2024	Y	10/10/2024	Watching Brief_ Tonality	Y
TT	TT103	EMD	16-710G3C-ES2	19/11/2024	Y	18/11/2024	Watching Brief_ Tonality	Y

**Sheet 3-AoA Exceedance Events - Priority Wagons**

**1 January- 31 December 2024**

*EPL21364 R4.2c(i)*

*EPL21364 R4.2c(i)*

Priority wagon class	Wagon ID	Date and Time of Angle of Attack event exceeding 15 mrad	Angle of Attack measured (mrad)	Site of measurement
RKFX	RKFX 000058	09/01/2024 10:17:00 AM	31.1	Beecroft Up
RQCY	RQCY 000753	09/01/2024 10:17:00 AM	-24.8	Beecroft Up
RQCY	RQCY 000753	09/01/2024 10:17:00 AM	-17.6	Beecroft Up
RKBY	RKBY 020461	11/01/2024 9:45:00 AM	-17.3	Beecroft Up
RKWY	RKWY 000001	11/01/2024 9:45:00 AM	31.8	Beecroft Up
RKWY	RKWY 000001	11/01/2024 9:45:00 AM	38.2	Beecroft Up
CQWY	CQWY 005005	14/01/2024 8:41:00 PM	-28.8	Beecroft Up
CQWY	CQWY 005005	14/01/2024 8:41:00 PM	-25	Beecroft Up
CQWY	CQWY 005005	14/01/2024 8:41:00 PM	-19.8	Beecroft Up
CQWY	CQWY 005005	14/01/2024 8:41:00 PM	-19.3	Beecroft Up
CQWY	CQWY 005005	14/01/2024 8:41:00 PM	17.6	Beecroft Up
CQWY	CQWY 005005	14/01/2024 8:41:00 PM	36.6	Beecroft Up
VQCY	VQCY 000886	16/01/2024 5:50:00 PM	30.9	Beecroft Up
VQCY	VQCY 000886	16/01/2024 5:50:00 PM	36.5	Beecroft Up
RKFX	RKFX 000049	17/01/2024 10:16:00 AM	-18.3	Beecroft Up
RKKY	RKKY 007336	17/01/2024 10:16:00 AM	-21.7	Beecroft Up
RKKY	RKKY 007336	17/01/2024 10:16:00 AM	-15.9	Beecroft Up
RKWY	RKWY 004087	17/01/2024 10:16:00 AM	44.3	Beecroft Up
RKWY	RKWY 004087	17/01/2024 10:16:00 AM	52.4	Beecroft Up
VQCY	VQCY 000844	20/01/2024 12:29:00 PM	-17.1	Beecroft Up
VQCY	VQCY 000940	20/01/2024 12:29:00 PM	-20.1	Beecroft Up
VQCY	VQCY 000886	20/01/2024 4:58:00 PM	37	Beecroft Up
RKMY	RKMY 000080	20/01/2024 6:20:00 PM	-15.9	Beecroft Up
RQCY	RQCY 000906	21/01/2024 7:58:00 PM	28.2	Beecroft Up
RQCY	RQCY 000906	21/01/2024 7:58:00 PM	34	Beecroft Up
CQEY	CQEY 000218	22/01/2024 10:48:00 AM	19.9	Beecroft Up
VQCY	VQCY 000908	23/01/2024 10:15:00 AM	24.3	Beecroft Up
VQCY	VQCY 000908	23/01/2024 10:15:00 AM	30.1	Beecroft Up
RKMY	RKMY 000080	24/01/2024 2:17:00 PM	-15.2	Beecroft Up
RKWY	RKWY 002271	25/01/2024 10:04:00 AM	15.9	Beecroft Up
RKWY	RKWY 002271	25/01/2024 10:04:00 AM	22.4	Beecroft Up
RKWY	RKWY 004089	25/01/2024 10:04:00 AM	-28.7	Beecroft Up
RKWY	RKWY 004089	25/01/2024 10:04:00 AM	-21.5	Beecroft Up
RKWY	RKWY 002945	26/01/2024 9:42:00 AM	32.9	Beecroft Up
RKWY	RKWY 002945	26/01/2024 9:42:00 AM	36.7	Beecroft Up
RKWY	RKWY 004171	26/01/2024 9:42:00 AM	30.4	Beecroft Up
RKWY	RKWY 004171	26/01/2024 9:42:00 AM	33.9	Beecroft Up
VQCY	VQCY 000818	26/01/2024 9:42:00 AM	-26.8	Beecroft Up
VQCY	VQCY 000818	26/01/2024 9:42:00 AM	-20.1	Beecroft Up
VQCY	VQCY 000818	26/01/2024 9:42:00 AM	33.5	Beecroft Up
VQCY	VQCY 000818	26/01/2024 9:42:00 AM	38.8	Beecroft Up
VQCY	VQCY 000886	26/01/2024 12:39:00 PM	32	Beecroft Up
VQCY	VQCY 000886	26/01/2024 12:39:00 PM	35.8	Beecroft Up
VQCY	VQCY 000801	26/01/2024 2:10:00 PM	-23.4	Beecroft Up
VQCY	VQCY 000801	26/01/2024 2:10:00 PM	-15.3	Beecroft Up
VQCY	VQCY 000908	26/01/2024 2:10:00 PM	32.5	Beecroft Up
VQCY	VQCY 000908	26/01/2024 2:10:00 PM	36	Beecroft Up
VQCY	VQCY 000790	27/01/2024 11:42:00 AM	36.8	Beecroft Up
RKFX	RKFX 000011	29/01/2024 10:04:00 AM	-19.7	Beecroft Up
RKFX	RKFX 000011	29/01/2024 10:04:00 AM	16.6	Beecroft Up
RKFX	RKFX 000011	29/01/2024 10:04:00 AM	25.5	Beecroft Up
RKFX	RKFX 000037	29/01/2024 10:04:00 AM	-18	Beecroft Up
RKFX	RKFX 000037	29/01/2024 10:04:00 AM	26.9	Beecroft Up
RKFX	RKFX 000037	29/01/2024 10:04:00 AM	32.4	Beecroft Up
RKFX	RKFX 000045	29/01/2024 10:04:00 AM	-19.1	Beecroft Up
RKWY	RKWY 000017	29/01/2024 10:04:00 AM	-16.3	Beecroft Up

VQCY	VQCY 000735	30/01/2024	10:09:00 AM	-24.9	Beecroft Up
VQCY	VQCY 000886	30/01/2024	11:48:00 AM	26	Beecroft Up
VQCY	VQCY 000886	30/01/2024	11:48:00 AM	31.1	Beecroft Up
CQEY	CQEY 000218	31/01/2024	10:35:00 AM	17.6	Beecroft Up
CQWY	CQWY 005030	31/01/2024	2:16:00 PM	-17.3	Beecroft Up
RKWY	RKWY 002271	01/02/2024	9:36:00 AM	36.2	Beecroft Up
VQCY	VQCY 000944	01/02/2024	9:36:00 AM	15.3	Beecroft Up
VQCY	VQCY 000818	01/02/2024	1:45:00 PM	-28.1	Beecroft Up
VQCY	VQCY 000818	01/02/2024	1:45:00 PM	-21.7	Beecroft Up
VQCY	VQCY 000818	01/02/2024	1:45:00 PM	15.5	Beecroft Up
VQCY	VQCY 000886	03/02/2024	12:09:00 PM	29.3	Beecroft Up
VQCY	VQCY 000886	03/02/2024	12:09:00 PM	35.1	Beecroft Up
CQWY	CQWY 005059	03/02/2024	7:41:00 PM	-16.6	Beecroft Up
VQCY	VQCY 000801	03/02/2024	7:41:00 PM	-32.4	Beecroft Up
VQCY	VQCY 000801	03/02/2024	7:41:00 PM	-23.8	Beecroft Up
VQCY	VQCY 000517	04/02/2024	7:38:00 PM	-27.4	Beecroft Up
VQCY	VQCY 000517	04/02/2024	7:38:00 PM	-18.7	Beecroft Up
VQCY	VQCY 000846	07/02/2024	3:45:00 PM	-24	Beecroft Up
VQCY	VQCY 000818	07/02/2024	4:12:00 PM	-21.9	Beecroft Up
VQCY	VQCY 000818	07/02/2024	4:12:00 PM	-16.5	Beecroft Up
VQCY	VQCY 000818	07/02/2024	4:12:00 PM	22.1	Beecroft Up
VQCY	VQCY 000818	07/02/2024	4:12:00 PM	26.7	Beecroft Up
RKFX	RKFX 000025	09/02/2024	10:07:00 AM	18.3	Beecroft Up
RKFX	RKFX 000025	09/02/2024	10:07:00 AM	25.6	Beecroft Up
RKFX	RKFX 000030	09/02/2024	10:07:00 AM	27.7	Beecroft Up
RKFX	RKFX 000030	09/02/2024	10:07:00 AM	32.6	Beecroft Up
RKWY	RKWY 000007	09/02/2024	10:07:00 AM	29.6	Beecroft Up
RKWY	RKWY 000007	09/02/2024	10:07:00 AM	35	Beecroft Up
RRYY	RRYY 000027	09/02/2024	12:21:00 PM	-19.5	Beecroft Up
VQCY	VQCY 000908	09/02/2024	12:21:00 PM	42.1	Beecroft Up
RKMY	RKMY 020540	10/02/2024	11:41:00 AM	-19.6	Beecroft Up
VQCY	VQCY 000818	10/02/2024	11:41:00 AM	-24.3	Beecroft Up
VQCY	VQCY 000818	10/02/2024	11:41:00 AM	-18.2	Beecroft Up
VQCY	VQCY 000818	10/02/2024	11:41:00 AM	17	Beecroft Up
VQCY	VQCY 000818	10/02/2024	11:41:00 AM	22	Beecroft Up
VQCY	VQCY 000881	10/02/2024	4:09:00 PM	17.3	Beecroft Up
VQCY	VQCY 000846	11/02/2024	12:25:00 PM	-24.6	Beecroft Up
VQCY	VQCY 000886	11/02/2024	12:25:00 PM	-19.5	Beecroft Up
RKKY	RKKY 007336	13/02/2024	10:07:00 AM	-21.4	Beecroft Up
RKKY	RKKY 007336	13/02/2024	10:07:00 AM	-19.8	Beecroft Up
RKKY	RKKY 007336	13/02/2024	10:07:00 AM	-15.5	Beecroft Up
RKWY	RKWY 004001	13/02/2024	10:07:00 AM	-27.5	Beecroft Up
RKWY	RKWY 004001	13/02/2024	10:07:00 AM	-22.8	Beecroft Up
RKWY	RKWY 004027	13/02/2024	10:07:00 AM	-23.8	Beecroft Up
RRKY	RRKY 002754	13/02/2024	12:23:00 PM	-18	Beecroft Up
RRYY	RRYY 000027	13/02/2024	12:23:00 PM	-22.5	Beecroft Up
RRYY	RRYY 000027	13/02/2024	12:23:00 PM	-15.3	Beecroft Up
VQCY	VQCY 000908	13/02/2024	12:23:00 PM	32.7	Beecroft Up
VQCY	VQCY 000908	13/02/2024	12:23:00 PM	39.1	Beecroft Up
VQCY	VQCY 000692	14/02/2024	9:45:00 AM	-28.7	Beecroft Up
CQEY	CQEY 000218	14/02/2024	10:38:00 AM	-15	Beecroft Up
RKBY	RKBY 020215	15/02/2024	10:16:00 AM	-21.4	Beecroft Up
RKWY	RKWY 000002	15/02/2024	10:16:00 AM	29	Beecroft Up
RKWY	RKWY 000002	15/02/2024	10:16:00 AM	32	Beecroft Up
RKWY	RKWY 000005	15/02/2024	10:16:00 AM	-19.8	Beecroft Up
RKWY	RKWY 002154	15/02/2024	10:16:00 AM	-26	Beecroft Up
RKWY	RKWY 002154	15/02/2024	10:16:00 AM	25.6	Beecroft Up
RKWY	RKWY 002154	15/02/2024	10:16:00 AM	29.5	Beecroft Up
RKWY	RKWY 002998	15/02/2024	10:16:00 AM	-29	Beecroft Up
RKWY	RKWY 002998	15/02/2024	10:16:00 AM	-22.8	Beecroft Up
RKWY	RKWY 004113	15/02/2024	10:16:00 AM	-39.5	Beecroft Up
RKWY	RKWY 004113	15/02/2024	10:16:00 AM	-35.2	Beecroft Up
RKWY	RKWY 004113	15/02/2024	10:16:00 AM	15.5	Beecroft Up

RRKY	RRKY 004337	15/02/2024	10:16:00 AM	-26.3	Beecroft Up
RRKY	RRKY 004337	15/02/2024	10:16:00 AM	-20.8	Beecroft Up
RRKY	RRKY 004337	15/02/2024	10:16:00 AM	42.7	Beecroft Up
RRKY	RRKY 004337	15/02/2024	10:16:00 AM	44.1	Beecroft Up
CQWY	CQWY 005060	15/02/2024	12:16:00 PM	-26.2	Beecroft Up
CQWY	CQWY 005060	15/02/2024	12:16:00 PM	15.7	Beecroft Up
CQWY	CQWY 005060	15/02/2024	12:16:00 PM	17.7	Beecroft Up
CQWY	CQWY 005060	15/02/2024	12:16:00 PM	27.1	Beecroft Up
CQWY	CQWY 005060	15/02/2024	12:16:00 PM	31.7	Beecroft Up
VQCY	VQCY 000846	15/02/2024	12:16:00 PM	-21.7	Beecroft Up
VQCY	VQCY 000886	15/02/2024	12:16:00 PM	-20.3	Beecroft Up
VQCY	VQCY 000886	15/02/2024	12:16:00 PM	19.9	Beecroft Up
VQCY	VQCY 000886	15/02/2024	12:16:00 PM	25.3	Beecroft Up
RKKY	RKKY 007313	16/02/2024	10:07:00 AM	-19.9	Beecroft Up
RKWY	RKWY 002271	16/02/2024	10:07:00 AM	-27.4	Beecroft Up
RKWY	RKWY 002271	16/02/2024	10:07:00 AM	-22.5	Beecroft Up
RKWY	RKWY 002945	16/02/2024	10:07:00 AM	23.4	Beecroft Up
RKWY	RKWY 002945	16/02/2024	10:07:00 AM	27.2	Beecroft Up
VQCY	VQCY 000818	17/02/2024	12:13:00 PM	-21.3	Beecroft Up
VQCY	VQCY 000908	17/02/2024	5:10:00 PM	32.2	Beecroft Up
VQCY	VQCY 000908	17/02/2024	5:10:00 PM	38.4	Beecroft Up
RKWY	RKWY 000019	19/02/2024	10:04:00 AM	-31.1	Beecroft Up
RKWY	RKWY 000019	19/02/2024	10:04:00 AM	33.4	Beecroft Up
RKWY	RKWY 002333	19/02/2024	10:04:00 AM	-19.2	Beecroft Up
RKWY	RKWY 002618	19/02/2024	10:04:00 AM	-15.7	Beecroft Up
RKWY	RKWY 002987	19/02/2024	10:04:00 AM	-29	Beecroft Up
RKWY	RKWY 002987	19/02/2024	10:04:00 AM	-23.8	Beecroft Up
RKWY	RKWY 002987	19/02/2024	10:04:00 AM	28.5	Beecroft Up
RKWY	RKWY 002987	19/02/2024	10:04:00 AM	33.3	Beecroft Up
RKWY	RKWY 004015	19/02/2024	10:04:00 AM	-17.9	Beecroft Up
VQCY	VQCY 000846	21/02/2024	12:17:00 PM	-22.9	Beecroft Up
RRKY	RRKY 002054	27/02/2024	10:18:00 AM	-23.1	Beecroft Up
VQCY	VQCY 000846	27/02/2024	10:45:00 AM	-21.8	Beecroft Up
RKFX	RKFX 000042	29/02/2024	10:17:00 AM	-23.5	Beecroft Up
RKWY	RKWY 000019	29/02/2024	10:17:00 AM	-24.2	Beecroft Up
RKWY	RKWY 002141	29/02/2024	10:17:00 AM	23.8	Beecroft Up
RKWY	RKWY 002141	29/02/2024	10:17:00 AM	27.7	Beecroft Up
VQCY	VQCY 000846	02/03/2024	4:25:00 PM	-22.6	Beecroft Up
VQCY	VQCY 000908	03/03/2024	2:11:00 PM	-17.4	Beecroft Up
RKFX	RKFX 000026	04/03/2024	10:06:00 AM	-16.3	Beecroft Up
RKFX	RKFX 000030	04/03/2024	10:06:00 AM	20.9	Beecroft Up
RKFX	RKFX 000030	04/03/2024	10:06:00 AM	24.9	Beecroft Up
RKKY	RKKY 007313	04/03/2024	10:06:00 AM	-20.5	Beecroft Up
RKWY	RKWY 001979	04/03/2024	10:06:00 AM	-31.7	Beecroft Up
RKWY	RKWY 001979	04/03/2024	10:06:00 AM	-26.8	Beecroft Up
RKWY	RKWY 000007	05/03/2024	10:36:00 AM	-28.9	Beecroft Up
RKWY	RKWY 000007	05/03/2024	10:36:00 AM	-22.2	Beecroft Up
RKWY	RKWY 004107	05/03/2024	10:36:00 AM	-24.1	Beecroft Up
RKWY	RKWY 004107	05/03/2024	10:36:00 AM	-17.7	Beecroft Up
RKWY	RKWY 002945	07/03/2024	9:46:00 AM	-23.7	Beecroft Up
RKWY	RKWY 002945	07/03/2024	9:46:00 AM	-17.6	Beecroft Up
RQCY	RQCY 000753	07/03/2024	9:46:00 AM	-23.3	Beecroft Up
RQCY	RQCY 000753	07/03/2024	9:46:00 AM	-15.7	Beecroft Up
VQCY	VQCY 000909	07/03/2024	1:15:00 PM	-25.2	Beecroft Up
VQCY	VQCY 000909	07/03/2024	1:15:00 PM	-18.6	Beecroft Up
RKWY	RKWY 002616	08/03/2024	10:16:00 AM	-34.8	Beecroft Up
RKWY	RKWY 002616	08/03/2024	10:16:00 AM	-27.2	Beecroft Up
RKWY	RKWY 002987	08/03/2024	10:16:00 AM	-28.2	Beecroft Up
RKWY	RKWY 002987	08/03/2024	10:16:00 AM	-22.8	Beecroft Up
RKWY	RKWY 002987	08/03/2024	10:16:00 AM	30	Beecroft Up
RKWY	RKWY 002987	08/03/2024	10:16:00 AM	33.8	Beecroft Up
RKWY	RKWY 004087	08/03/2024	10:16:00 AM	-29	Beecroft Up
RKWY	RKWY 004087	08/03/2024	10:16:00 AM	-25.3	Beecroft Up

RRYY	RRYY 000002	08/03/2024	12:16:00 PM	-19.1	Beecroft Up
VQCY	VQCY 000846	08/03/2024	12:16:00 PM	-21.8	Beecroft Up
RKFX	RKFX 000006	12/03/2024	11:19:00 AM	-15.4	Beecroft Up
RKFX	RKFX 000025	12/03/2024	11:19:00 AM	-26.3	Beecroft Up
RKFX	RKFX 000025	12/03/2024	11:19:00 AM	-19.4	Beecroft Up
RKFX	RKFX 000025	12/03/2024	11:19:00 AM	29.3	Beecroft Up
RKFX	RKFX 000025	12/03/2024	11:19:00 AM	35	Beecroft Up
RKWY	RKWY 004113	13/03/2024	9:45:00 AM	36	Beecroft Up
RKWY	RKWY 004133	13/03/2024	9:45:00 AM	-31.5	Beecroft Up
RKWY	RKWY 004133	13/03/2024	9:45:00 AM	-24.6	Beecroft Up
RKKY	RKKY 007314	14/03/2024	10:05:00 AM	-15.7	Beecroft Up
RKWY	RKWY 004007	14/03/2024	10:05:00 AM	-15.3	Beecroft Up
RKWY	RKWY 004019	14/03/2024	10:05:00 AM	-25.8	Beecroft Up
RKWY	RKWY 004107	14/03/2024	10:05:00 AM	29.8	Beecroft Up
RKFX	RKFX 000021	15/03/2024	10:07:00 AM	-24.3	Beecroft Up
RKFX	RKFX 000021	15/03/2024	10:07:00 AM	-17.4	Beecroft Up
RKWY	RKWY 002616	15/03/2024	10:07:00 AM	-34.3	Beecroft Up
RKWY	RKWY 002616	15/03/2024	10:07:00 AM	-26.7	Beecroft Up
VQCY	VQCY 000846	15/03/2024	12:16:00 PM	-19.6	Beecroft Up
VQCY	VQCY 000846	15/03/2024	12:16:00 PM	-15.7	Beecroft Up
VQCY	VQCY 000608	15/03/2024	1:18:00 PM	18.4	Beecroft Up
VQCY	VQCY 000608	15/03/2024	1:18:00 PM	24.8	Beecroft Up
CQEY	CQEY 000218	18/03/2024	9:35:00 AM	-18.2	Beecroft Up
RKKY	RKKY 007375	19/03/2024	9:46:00 AM	-17.3	Beecroft Up
RKWY	RKWY 002618	19/03/2024	9:46:00 AM	-17.4	Beecroft Up
RKWY	RKWY 004047	19/03/2024	9:46:00 AM	-23.4	Beecroft Up
RKWY	RKWY 004047	19/03/2024	9:46:00 AM	-15.7	Beecroft Up
CQEY	CQEY 000218	20/03/2024	10:47:00 AM	-15.1	Beecroft Up
CQWY	CQWY 005028	20/03/2024	1:20:00 PM	-22.8	Beecroft Up
VQCY	VQCY 000908	20/03/2024	1:20:00 PM	-23	Beecroft Up
RKWY	RKWY 004156	21/03/2024	10:16:00 AM	-29.1	Beecroft Up
RKWY	RKWY 004156	21/03/2024	10:16:00 AM	-23.9	Beecroft Up
RKWY	RKWY 004171	21/03/2024	10:16:00 AM	-23.2	Beecroft Up
RKWY	RKWY 004171	21/03/2024	10:16:00 AM	-17.4	Beecroft Up
RKWY	RKWY 002854	22/03/2024	9:36:00 AM	-19.6	Beecroft Up
RKWY	RKWY 004089	22/03/2024	9:36:00 AM	-40.4	Beecroft Up
RKWY	RKWY 004089	22/03/2024	9:36:00 AM	-31.8	Beecroft Up
RKWY	RKWY 004124	22/03/2024	9:36:00 AM	-15	Beecroft Up
RKWY	RKWY 004124	22/03/2024	9:36:00 AM	24.5	Beecroft Up
RKWY	RKWY 004124	22/03/2024	9:36:00 AM	31.9	Beecroft Up
RRYY	RRYY 000024	22/03/2024	2:45:00 PM	-22.3	Beecroft Up
RRYY	RRYY 000024	22/03/2024	2:45:00 PM	-15	Beecroft Up
VQCY	VQCY 000846	23/03/2024	3:54:00 PM	-22.4	Beecroft Up
CQEY	CQEY 000218	03/04/2024	10:17:00 AM	-15	Beecroft Up
VQCY	VQCY 000846	03/04/2024	11:37:00 AM	-25.1	Beecroft Up
CQWY	CQWY 005039	04/04/2024	1:17:00 PM	31.1	Beecroft Up
CQWY	CQWY 005039	04/04/2024	1:17:00 PM	33.4	Beecroft Up
CQWY	CQWY 005041	04/04/2024	1:17:00 PM	15.4	Beecroft Up
CQWY	CQWY 005059	04/04/2024	1:17:00 PM	30.8	Beecroft Up
VQCY	VQCY 000919	04/04/2024	2:45:00 PM	-27	Beecroft Up
VQCY	VQCY 000919	04/04/2024	2:45:00 PM	-21.2	Beecroft Up
CQWY	CQWY 005035	05/04/2024	4:21:00 PM	-16.3	Beecroft Up
CQWY	CQWY 005035	05/04/2024	4:21:00 PM	33.6	Beecroft Up
CQWY	CQWY 005035	05/04/2024	4:21:00 PM	42.4	Beecroft Up
RQCY	RQCY 000047	05/04/2024	4:21:00 PM	-25.5	Beecroft Up
RQCY	RQCY 000047	05/04/2024	4:21:00 PM	-16.9	Beecroft Up
RQCY	RQCY 000785	05/04/2024	4:21:00 PM	20.5	Beecroft Up
RQCY	RQCY 000840	05/04/2024	4:21:00 PM	-27.7	Beecroft Up
RQCY	RQCY 000840	05/04/2024	4:21:00 PM	-26.1	Beecroft Up
RQCY	RQCY 000840	05/04/2024	4:21:00 PM	43.8	Beecroft Up
RQCY	RQCY 000906	05/04/2024	4:21:00 PM	-24.9	Beecroft Up
RQCY	RQCY 000906	05/04/2024	4:21:00 PM	-18.6	Beecroft Up
VQCY	VQCY 000608	05/04/2024	4:21:00 PM	-23.5	Beecroft Up

VQCY	VQCY 000608	05/04/2024	4:21:00 PM	-19.1	Beecroft Up
VQCY	VQCY 000608	05/04/2024	4:21:00 PM	24.9	Beecroft Up
VQCY	VQCY 000608	05/04/2024	4:21:00 PM	30.6	Beecroft Up
VQCY	VQCY 000846	07/04/2024	3:42:00 PM	-34.5	Beecroft Up
RRKY	RRKY 002778	09/04/2024	7:18:00 PM	-26.6	Beecroft Up
VQCY	VQCY 000611	10/04/2024	10:18:00 AM	19.5	Beecroft Up
VQCY	VQCY 000611	10/04/2024	10:18:00 AM	26.1	Beecroft Up
VQCY	VQCY 000944	10/04/2024	10:18:00 AM	-19.2	Beecroft Up
VQCY	VQCY 000949	10/04/2024	10:18:00 AM	-15	Beecroft Up
RQCY	RQCY 000784	11/04/2024	2:37:00 PM	-15	Beecroft Up
RRKY	RRKY 002762	11/04/2024	2:37:00 PM	-20	Beecroft Up
VQCY	VQCY 000846	11/04/2024	2:37:00 PM	-25.3	Beecroft Up
RRKY	RRKY 004201	12/04/2024	2:17:00 PM	-22.9	Beecroft Up
RRKY	RRKY 004201	12/04/2024	2:17:00 PM	-16.6	Beecroft Up
VQCY	VQCY 000653	12/04/2024	2:37:00 PM	-16.4	Beecroft Up
RKWY	RKWY 002328	16/04/2024	10:03:00 AM	-27.4	Beecroft Up
RKWY	RKWY 002328	16/04/2024	10:03:00 AM	-19.1	Beecroft Up
RKWY	RKWY 002534	16/04/2024	10:03:00 AM	32.8	Beecroft Up
RKWY	RKWY 002647	16/04/2024	10:03:00 AM	-20.1	Beecroft Up
RKWY	RKWY 002647	16/04/2024	10:03:00 AM	-15.9	Beecroft Up
RKWY	RKWY 002921	16/04/2024	10:03:00 AM	-27	Beecroft Up
RKWY	RKWY 003011	16/04/2024	10:03:00 AM	-16	Beecroft Up
RKWY	RKWY 004071	16/04/2024	10:03:00 AM	-32.7	Beecroft Up
RKWY	RKWY 004071	16/04/2024	10:03:00 AM	-26.3	Beecroft Up
RKWY	RKWY 004113	16/04/2024	10:03:00 AM	43.1	Beecroft Up
RKWY	RKWY 004113	16/04/2024	10:03:00 AM	47.8	Beecroft Up
RKWY	RKWY 004133	16/04/2024	10:03:00 AM	-36.4	Beecroft Up
RKWY	RKWY 004133	16/04/2024	10:03:00 AM	-29.2	Beecroft Up
RKWY	RKWY 004166	16/04/2024	10:03:00 AM	-29.3	Beecroft Up
RKWY	RKWY 004166	16/04/2024	10:03:00 AM	-22.2	Beecroft Up
RQTY	RQTY 000690	16/04/2024	10:03:00 AM	-21.2	Beecroft Up
VQCY	VQCY 000944	16/04/2024	10:03:00 AM	-27.2	Beecroft Up
RQCY	RQCY 000906	17/04/2024	2:23:00 PM	-23.5	Beecroft Up
RQCY	RQCY 000906	17/04/2024	2:23:00 PM	-17	Beecroft Up
VQCY	VQCY 000744	18/04/2024	9:46:00 AM	-21.6	Beecroft Up
VQCY	VQCY 000910	18/04/2024	11:51:00 AM	-26.9	Beecroft Up
VQCY	VQCY 000910	18/04/2024	11:51:00 AM	-19.5	Beecroft Up
CQWY	CQWY 005004	18/04/2024	2:36:00 PM	-25.5	Beecroft Up
CQWY	CQWY 005004	18/04/2024	2:36:00 PM	-17.3	Beecroft Up
RKMY	RKMY 000052	18/04/2024	2:36:00 PM	-17.6	Beecroft Up
RKFX	RKFX 000011	19/04/2024	10:16:00 AM	-16.4	Beecroft Up
RKFX	RKFX 000029	19/04/2024	10:16:00 AM	-27.1	Beecroft Up
RKFX	RKFX 000039	19/04/2024	10:16:00 AM	-21	Beecroft Up
RKWY	RKWY 000003	19/04/2024	10:16:00 AM	-23.3	Beecroft Up
RKWY	RKWY 000003	19/04/2024	10:16:00 AM	-17.4	Beecroft Up
RKWY	RKWY 000017	19/04/2024	10:16:00 AM	-33.9	Beecroft Up
RKWY	RKWY 000017	19/04/2024	10:16:00 AM	-27.2	Beecroft Up
RKWY	RKWY 002515	19/04/2024	10:16:00 AM	-16.5	Beecroft Up
RKWY	RKWY 004053	19/04/2024	10:16:00 AM	-21.5	Beecroft Up
VQCY	VQCY 000939	19/04/2024	10:16:00 AM	-21.9	Beecroft Up
RRYY	RRYY 000012	20/04/2024	6:40:00 PM	29.6	Beecroft Up
RRYY	RRYY 000012	20/04/2024	6:40:00 PM	30.4	Beecroft Up
RRYY	RRYY 000020	20/04/2024	6:40:00 PM	17.2	Beecroft Up
RRKY	RRKY 002762	21/04/2024	2:11:00 PM	-18.6	Beecroft Up
RKWY	RKWY 001979	22/04/2024	10:11:00 AM	-25.5	Beecroft Up
RKWY	RKWY 001979	22/04/2024	10:11:00 AM	-19.5	Beecroft Up
RKWY	RKWY 004071	23/04/2024	9:34:00 AM	-32	Beecroft Up
RKWY	RKWY 004071	23/04/2024	9:34:00 AM	-25.4	Beecroft Up
RQCY	RQCY 000989	24/04/2024	2:21:00 PM	-30.8	Beecroft Up
CQWY	CQWY 005056	25/04/2024	12:40:00 PM	-15.6	Beecroft Up
VQCY	VQCY 000887	30/04/2024	10:05:00 AM	-30	Beecroft Up
VQCY	VQCY 000887	30/04/2024	10:05:00 AM	-24.3	Beecroft Up
VQCY	VQCY 000887	30/04/2024	10:05:00 AM	25.5	Beecroft Up



VQCY	VQCY 000887	30/04/2024	10:05:00 AM	30.7	Beecroft Up
VQCY	VQCY 000818	01/05/2024	12:48:00 PM	-20.2	Beecroft Up
VQTY	VQTY 000592	01/05/2024	12:48:00 PM	-21.9	Beecroft Up
VQTY	VQTY 000592	01/05/2024	12:48:00 PM	-15.8	Beecroft Up
VQCY	VQCY 000910	02/05/2024	12:35:00 PM	-17.3	Beecroft Up
VQCY	VQCY 000844	02/05/2024	3:08:00 PM	-18.8	Beecroft Up
CQWY	CQWY 005030	05/05/2024	7:42:00 PM	-26.8	Beecroft Up
CQWY	CQWY 005030	05/05/2024	7:42:00 PM	-20.8	Beecroft Up
CQWY	CQWY 005030	05/05/2024	7:42:00 PM	31.1	Beecroft Up
CQWY	CQWY 005030	05/05/2024	7:42:00 PM	38.4	Beecroft Up
RRYY	RRYY 000013	05/05/2024	7:42:00 PM	-31.7	Beecroft Up
RRYY	RRYY 000013	05/05/2024	7:42:00 PM	-24.8	Beecroft Up
RKWY	RKWY 001979	06/05/2024	11:15:00 AM	-29.9	Beecroft Up
RKWY	RKWY 001979	06/05/2024	11:15:00 AM	-25	Beecroft Up
RKWY	RKWY 004063	06/05/2024	11:15:00 AM	-20.5	Beecroft Up
CQWY	CQWY 005023	08/05/2024	12:30:00 PM	-24.9	Beecroft Up
CQWY	CQWY 005023	08/05/2024	12:30:00 PM	-18.9	Beecroft Up
CQWY	CQWY 005023	08/05/2024	12:30:00 PM	24.7	Beecroft Up
CQWY	CQWY 005023	08/05/2024	12:30:00 PM	32	Beecroft Up
RQCY	RQCY 001002	08/05/2024	12:30:00 PM	-35.1	Beecroft Up
RQCY	RQCY 001002	08/05/2024	12:30:00 PM	-26.5	Beecroft Up
VQCY	VQCY 000608	09/05/2024	10:04:00 AM	22.8	Beecroft Up
VQCY	VQCY 000608	09/05/2024	10:04:00 AM	28.2	Beecroft Up
RKWY	RKWY 000001	10/05/2024	10:20:00 AM	31.2	Beecroft Up
RKWY	RKWY 000001	10/05/2024	10:20:00 AM	36.9	Beecroft Up
RKWY	RKWY 004047	10/05/2024	10:20:00 AM	-22.1	Beecroft Up
RKWY	RKWY 004047	10/05/2024	10:20:00 AM	-16.1	Beecroft Up
VQCY	VQCY 000660	10/05/2024	2:17:00 PM	-20.9	Beecroft Up
VQCY	VQCY 000940	12/05/2024	7:42:00 PM	-25.3	Beecroft Up
RKFX	RKFX 000013	13/05/2024	9:57:00 AM	-15.4	Beecroft Up
RKFX	RKFX 000021	13/05/2024	9:57:00 AM	-18.9	Beecroft Up
RKFX	RKFX 000021	13/05/2024	9:57:00 AM	24.6	Beecroft Up
RKFX	RKFX 000021	13/05/2024	9:57:00 AM	30.3	Beecroft Up
RKFX	RKFX 000040	13/05/2024	9:57:00 AM	-26.8	Beecroft Up
RKFX	RKFX 000040	13/05/2024	9:57:00 AM	-20.1	Beecroft Up
RKWY	RKWY 000030	13/05/2024	9:57:00 AM	-29.6	Beecroft Up
RKWY	RKWY 000030	13/05/2024	9:57:00 AM	-24.5	Beecroft Up
RKWY	RKWY 002271	13/05/2024	9:57:00 AM	20.6	Beecroft Up
RKWY	RKWY 002271	13/05/2024	9:57:00 AM	26.4	Beecroft Up
RKMY	RKMY 000139	15/05/2024	3:43:00 PM	-19.8	Beecroft Up
CQWY	CQWY 005023	16/05/2024	12:17:00 PM	-27.1	Beecroft Up
CQWY	CQWY 005023	16/05/2024	12:17:00 PM	-21	Beecroft Up
CQWY	CQWY 005023	16/05/2024	12:17:00 PM	-15.7	Beecroft Up
RQCY	RQCY 001002	16/05/2024	12:17:00 PM	-31	Beecroft Up
RQCY	RQCY 001002	16/05/2024	12:17:00 PM	-22	Beecroft Up
VQCY	VQCY 000909	16/05/2024	12:17:00 PM	-23.3	Beecroft Up
VQCY	VQCY 000909	16/05/2024	12:17:00 PM	-17.6	Beecroft Up
RKFX	RKFX 000004	17/05/2024	10:16:00 AM	23.9	Beecroft Up
RKFX	RKFX 000004	17/05/2024	10:16:00 AM	30.7	Beecroft Up
RKMY	RKMY 000117	17/05/2024	10:16:00 AM	22	Beecroft Up
RKWY	RKWY 000005	17/05/2024	10:16:00 AM	-16.6	Beecroft Up
RKWY	RKWY 000005	17/05/2024	10:16:00 AM	32.3	Beecroft Up
RKWY	RKWY 000005	17/05/2024	10:16:00 AM	40.2	Beecroft Up
RKWY	RKWY 002271	17/05/2024	10:16:00 AM	-33.3	Beecroft Up
RKWY	RKWY 002271	17/05/2024	10:16:00 AM	-28.1	Beecroft Up
RKWY	RKWY 002271	17/05/2024	10:16:00 AM	18.9	Beecroft Up
RKWY	RKWY 002647	17/05/2024	10:16:00 AM	-28.7	Beecroft Up
RKWY	RKWY 002647	17/05/2024	10:16:00 AM	29.1	Beecroft Up
RKWY	RKWY 002872	17/05/2024	10:16:00 AM	-19.1	Beecroft Up
RRYY	RRYY 000047	17/05/2024	2:45:00 PM	-17.7	Beecroft Up
VQCY	VQCY 000576	17/05/2024	5:31:00 PM	-30.8	Beecroft Up
VQCY	VQCY 000576	17/05/2024	5:31:00 PM	-23.5	Beecroft Up
CQEY	CQEY 000218	18/05/2024	1:23:00 AM	-17.5	Beecroft Up

CQEY	CQEY 000218	18/05/2024	1:23:00 AM	21.1	Beecroft Up
CQEY	CQEY 000218	20/05/2024	1:47:00 AM	-17.2	Beecroft Up
RKWY	RKWY 004085	24/05/2024	10:16:00 AM	-19.4	Beecroft Up
RKBY	RKBY 020398	31/05/2024	11:16:00 AM	-17.2	Beecroft Up
RKWY	RKWY 002616	31/05/2024	11:16:00 AM	-28.8	Beecroft Up
RKWY	RKWY 002616	31/05/2024	11:16:00 AM	-22	Beecroft Up
RKWY	RKWY 002866	31/05/2024	11:16:00 AM	-28	Beecroft Up
RKWY	RKWY 004166	31/05/2024	11:16:00 AM	-17.5	Beecroft Up
RQCY	RQCY 000989	31/05/2024	11:16:00 AM	-23	Beecroft Up
VQCY	VQCY 000887	31/05/2024	11:16:00 AM	-15	Beecroft Up
RKMY	RKMY 000139	01/06/2024	11:41:00 AM	-20.7	Beecroft Up
RRYY	RRYY 000004	01/06/2024	11:41:00 AM	-16.2	Beecroft Up
VQCY	VQCY 000982	01/06/2024	11:41:00 AM	-25.9	Beecroft Up
VQCY	VQCY 000982	01/06/2024	11:41:00 AM	-22.4	Beecroft Up
VQCY	VQCY 000982	01/06/2024	11:41:00 AM	20.9	Beecroft Up
VQCY	VQCY 000982	01/06/2024	11:41:00 AM	23.7	Beecroft Up
RQCY	RQCY 000784	02/06/2024	9:23:00 PM	-28.1	Beecroft Up
RQCY	RQCY 000784	02/06/2024	9:23:00 PM	-20.9	Beecroft Up
RKFX	RKFX 000011	03/06/2024	11:20:00 AM	-16.1	Beecroft Up
RKFX	RKFX 000026	03/06/2024	11:20:00 AM	-19	Beecroft Up
RKFX	RKFX 000037	03/06/2024	11:20:00 AM	-20.9	Beecroft Up
RKMY	RKMY 000051	03/06/2024	11:20:00 AM	-17.2	Beecroft Up
RKWY	RKWY 000003	03/06/2024	11:20:00 AM	-34.2	Beecroft Up
RKWY	RKWY 000003	03/06/2024	11:20:00 AM	-27.3	Beecroft Up
RKWY	RKWY 002515	03/06/2024	11:20:00 AM	-24	Beecroft Up
RKWY	RKWY 002515	03/06/2024	11:20:00 AM	-16.9	Beecroft Up
RKWY	RKWY 004156	03/06/2024	11:20:00 AM	-25.8	Beecroft Up
RKWY	RKWY 004156	03/06/2024	11:20:00 AM	-18.5	Beecroft Up
RKWY	RKWY 004156	03/06/2024	11:20:00 AM	30.1	Beecroft Up
RKWY	RKWY 004156	03/06/2024	11:20:00 AM	36	Beecroft Up
RKWY	RKWY 003009	04/06/2024	10:18:00 AM	15.2	Beecroft Up
CQEY	CQEY 000207	06/06/2024	3:11:00 AM	24.3	Beecroft Up
CQEY	CQEY 000207	06/06/2024	3:11:00 AM	28.4	Beecroft Up
RKWY	RKWY 004047	07/06/2024	10:17:00 AM	-24	Beecroft Up
RKWY	RKWY 004047	07/06/2024	10:17:00 AM	-17.1	Beecroft Up
RKWY	RKWY 004089	07/06/2024	10:17:00 AM	-34.7	Beecroft Up
RKWY	RKWY 004089	07/06/2024	10:17:00 AM	-27.4	Beecroft Up
RQCY	RQCY 000784	07/06/2024	10:17:00 AM	-20.1	Beecroft Up
CQEY	CQEY 000218	08/06/2024	1:53:00 AM	-18.4	Beecroft Up
CQWY	CQWY 005060	11/06/2024	12:21:00 PM	20.6	Beecroft Up
RRYY	RRYY 000013	11/06/2024	12:21:00 PM	-29.1	Beecroft Up
RRYY	RRYY 000013	11/06/2024	12:21:00 PM	-23.3	Beecroft Up
VQCY	VQCY 000576	11/06/2024	12:21:00 PM	-27.7	Beecroft Up
VQCY	VQCY 000576	11/06/2024	12:21:00 PM	-21.6	Beecroft Up
RKMY	RKMY 000051	11/06/2024	7:21:00 PM	-19.6	Beecroft Up
RQCY	RQCY 000687	12/06/2024	9:33:00 AM	-20.3	Beecroft Up
VQCY	VQCY 000887	12/06/2024	11:15:00 AM	-17	Beecroft Up
CQGY	CQGY 000548	12/06/2024	2:06:00 PM	-22.2	Beecroft Up
VQCY	VQCY 000940	12/06/2024	2:06:00 PM	-16	Beecroft Up
VQCY	VQCY 000797	13/06/2024	2:16:00 PM	-17.6	Beecroft Up
VQCY	VQCY 000909	13/06/2024	2:16:00 PM	-24.6	Beecroft Up
VQCY	VQCY 000982	14/06/2024	10:15:00 AM	-25.3	Beecroft Up
VQCY	VQCY 000982	14/06/2024	10:15:00 AM	-20.2	Beecroft Up
RQCY	RQCY 000989	16/06/2024	12:39:00 PM	-32.5	Beecroft Up
RQCY	RQCY 000987	16/06/2024	7:40:00 PM	-29.8	Beecroft Up
RQCY	RQCY 000987	16/06/2024	7:40:00 PM	-24.9	Beecroft Up
RKFX	RKFX 000039	18/06/2024	9:46:00 AM	-24.2	Beecroft Up
RKWY	RKWY 002270	18/06/2024	9:46:00 AM	-18.1	Beecroft Up
VQCY	VQCY 000821	19/06/2024	10:04:00 AM	-21	Beecroft Up
CQWY	CQWY 005004	19/06/2024	11:10:00 AM	-15	Beecroft Up
VQCY	VQCY 000517	20/06/2024	1:18:00 PM	-15.3	Beecroft Up
VQCY	VQCY 000887	20/06/2024	1:18:00 PM	19.4	Beecroft Up
VQCY	VQCY 000887	20/06/2024	1:18:00 PM	24.2	Beecroft Up

CQEY	CQEY 000201	22/06/2024	2:29:00 AM	17.9	Beecroft Up
RKMY	RKMY 000072	22/06/2024	11:40:00 AM	-16.2	Beecroft Up
RQCY	RQCY 000739	22/06/2024	11:40:00 AM	-31.7	Beecroft Up
VQCY	VQCY 000744	22/06/2024	11:40:00 AM	-23	Beecroft Up
RKBY	RKBY 020215	25/06/2024	10:16:00 AM	-19.7	Beecroft Up
RKWY	RKWY 000003	25/06/2024	10:16:00 AM	-16.8	Beecroft Up
RKWY	RKWY 000003	25/06/2024	10:16:00 AM	25.4	Beecroft Up
RKWY	RKWY 000003	25/06/2024	10:16:00 AM	33.1	Beecroft Up
RKWY	RKWY 004053	25/06/2024	10:16:00 AM	-17	Beecroft Up
VQCY	VQCY 000801	25/06/2024	10:16:00 AM	-26.4	Beecroft Up
VQCY	VQCY 000886	25/06/2024	10:16:00 AM	-16.7	Beecroft Up
VQCY	VQCY 000891	25/06/2024	6:19:00 PM	-22.5	Beecroft Up
RQCY	RQCY 000810	27/06/2024	10:04:00 AM	-18.8	Beecroft Up
RRKY	RRKY 002778	27/06/2024	10:04:00 AM	-23.1	Beecroft Up
VQCY	VQCY 000846	27/06/2024	10:04:00 AM	-30.2	Beecroft Up
VQCY	VQCY 000846	27/06/2024	10:04:00 AM	-23.4	Beecroft Up
RKFX	RKFX 000011	28/06/2024	10:25:00 AM	-21.7	Beecroft Up
RKFX	RKFX 000011	28/06/2024	10:25:00 AM	21.2	Beecroft Up
RKWY	RKWY 002925	28/06/2024	10:25:00 AM	-23.7	Beecroft Up
RKWY	RKWY 002925	28/06/2024	10:25:00 AM	-15.2	Beecroft Up
RQCY	RQCY 000957	29/06/2024	3:54:00 PM	16	Beecroft Up
RQCY	RQCY 000957	29/06/2024	3:54:00 PM	22.6	Beecroft Up
VQCY	VQCY 000576	29/06/2024	3:54:00 PM	-22.4	Beecroft Up
VQCY	VQCY 000576	29/06/2024	3:54:00 PM	-17	Beecroft Up
CQEY	CQEY 000218	01/07/2024	2:23:00 AM	-16.8	Beecroft Up
RKWY	RKWY 000017	02/07/2024	10:18:00 AM	-24.4	Beecroft Up
RKWY	RKWY 000017	02/07/2024	10:18:00 AM	-18.7	Beecroft Up
RKWY	RKWY 004063	02/07/2024	10:18:00 AM	-16.3	Beecroft Up
RQCY	RQCY 001005	02/07/2024	10:18:00 AM	-36.6	Beecroft Up
RQCY	RQCY 001005	02/07/2024	10:18:00 AM	-31.3	Beecroft Up
RQCY	RQCY 001005	02/07/2024	10:18:00 AM	34.2	Beecroft Up
RQCY	RQCY 001005	02/07/2024	10:18:00 AM	42	Beecroft Up
VQCY	VQCY 000846	04/07/2024	5:33:00 PM	-30.9	Beecroft Up
VQCY	VQCY 000846	04/07/2024	5:33:00 PM	-24.2	Beecroft Up
VQCY	VQCY 000520	04/07/2024	11:58:00 PM	16.7	Beecroft Up
VQCY	VQCY 000718	04/07/2024	11:58:00 PM	-25.6	Beecroft Up
VQCY	VQCY 000718	04/07/2024	11:58:00 PM	-19.6	Beecroft Up
VQCY	VQCY 000874	04/07/2024	11:58:00 PM	-32.1	Beecroft Up
VQCY	VQCY 000874	04/07/2024	11:58:00 PM	-26.6	Beecroft Up
RKFX	RKFX 000049	05/07/2024	10:22:00 AM	-15.8	Beecroft Up
RKWY	RKWY 002933	05/07/2024	10:22:00 AM	-27.6	Beecroft Up
RKWY	RKWY 002945	05/07/2024	10:22:00 AM	-30.8	Beecroft Up
RKWY	RKWY 004019	05/07/2024	10:22:00 AM	-15.1	Beecroft Up
RKWY	RKWY 004133	05/07/2024	10:22:00 AM	-32	Beecroft Up
RKWY	RKWY 004133	05/07/2024	10:22:00 AM	-24.1	Beecroft Up
RKWY	RKWY 004133	05/07/2024	10:22:00 AM	24.8	Beecroft Up
RKWY	RKWY 004133	05/07/2024	10:22:00 AM	26.6	Beecroft Up
CQWY	CQWY 005016	05/07/2024	1:47:00 PM	-23.2	Beecroft Up
CQWY	CQWY 005016	05/07/2024	1:47:00 PM	-18.7	Beecroft Up
CQWY	CQWY 005016	05/07/2024	1:47:00 PM	-15.7	Beecroft Up
VQCY	VQCY 000720	05/07/2024	1:47:00 PM	-15.6	Beecroft Up
CQWY	CQWY 005008	05/07/2024	2:16:00 PM	-18.2	Beecroft Up
CQEY	CQEY 000218	06/07/2024	4:04:00 AM	-22.5	Beecroft Up
CQEY	CQEY 000218	06/07/2024	4:04:00 AM	21.4	Beecroft Up
VQCY	VQCY 000608	06/07/2024	11:41:00 AM	-17.8	Beecroft Up
VQCY	VQCY 000822	06/07/2024	11:41:00 AM	-23.6	Beecroft Up
RRYY	RRYY 000029	07/07/2024	11:39:00 AM	-15.3	Beecroft Up
VQCY	VQCY 000801	07/07/2024	7:41:00 PM	-28.1	Beecroft Up
VQCY	VQCY 000801	07/07/2024	7:41:00 PM	-20.4	Beecroft Up
RKFX	RKFX 000042	09/07/2024	10:33:00 AM	-25.6	Beecroft Up
RQCY	RQCY 000784	09/07/2024	10:33:00 AM	-26.4	Beecroft Up
RQCY	RQCY 000784	09/07/2024	10:33:00 AM	-19.5	Beecroft Up
VQCY	VQCY 000720	09/07/2024	11:46:00 AM	-25.4	Beecroft Up

VQCY	VQCY 000720	09/07/2024	11:46:00 AM	-19.6	Beecroft Up
VQCY	VQCY 000720	09/07/2024	11:46:00 AM	32	Beecroft Up
CQEY	CQEY 000218	10/07/2024	1:45:00 AM	-16.9	Beecroft Up
VQCY	VQCY 000718	10/07/2024	12:07:00 PM	-21.1	Beecroft Up
RKMY	RKMY 000117	11/07/2024	6:57:00 PM	-21.3	Beecroft Up
RKFX	RKFX 000021	12/07/2024	10:05:00 AM	-28.2	Beecroft Up
RKFX	RKFX 000021	12/07/2024	10:05:00 AM	-21	Beecroft Up
RKFX	RKFX 000021	12/07/2024	10:05:00 AM	27.4	Beecroft Up
RKFX	RKFX 000021	12/07/2024	10:05:00 AM	32.7	Beecroft Up
RKFX	RKFX 000040	12/07/2024	10:05:00 AM	-27.9	Beecroft Up
RKFX	RKFX 000040	12/07/2024	10:05:00 AM	-21.7	Beecroft Up
RKWY	RKWY 004085	12/07/2024	10:05:00 AM	-18.3	Beecroft Up
RKWY	RKWY 004089	12/07/2024	10:05:00 AM	-35.6	Beecroft Up
RKWY	RKWY 004089	12/07/2024	10:05:00 AM	-28.1	Beecroft Up
RKWY	RKWY 004113	12/07/2024	10:05:00 AM	-25.2	Beecroft Up
RKWY	RKWY 004113	12/07/2024	10:05:00 AM	-19.5	Beecroft Up
RKWY	RKWY 004118	12/07/2024	10:05:00 AM	-20.6	Beecroft Up
RQCY	RQCY 000968	12/07/2024	10:05:00 AM	-20.5	Beecroft Up
VQCY	VQCY 000801	12/07/2024	10:05:00 AM	-22.3	Beecroft Up
VQCY	VQCY 000801	12/07/2024	10:05:00 AM	-15.1	Beecroft Up
VQCY	VQCY 000909	12/07/2024	2:17:00 PM	-24.4	Beecroft Up
VQCY	VQCY 000909	12/07/2024	2:17:00 PM	-18.6	Beecroft Up
VQCY	VQCY 000720	13/07/2024	4:17:00 PM	-23.1	Beecroft Up
VQCY	VQCY 000720	13/07/2024	4:17:00 PM	-18.1	Beecroft Up
VQCY	VQCY 000720	13/07/2024	4:17:00 PM	35	Beecroft Up
RQCY	RQCY 001005	14/07/2024	7:56:00 PM	37.4	Beecroft Up
RQCY	RQCY 001005	14/07/2024	7:56:00 PM	43.9	Beecroft Up
CQEY	CQEY 000218	15/07/2024	3:30:00 AM	-15.9	Beecroft Up
RQCY	RQCY 000968	16/07/2024	6:16:00 PM	-25.4	Beecroft Up
RQCY	RQCY 000968	16/07/2024	6:16:00 PM	-18.3	Beecroft Up
CQEY	CQEY 000218	17/07/2024	2:26:00 AM	-21.9	Beecroft Up
CQEY	CQEY 000218	17/07/2024	2:26:00 AM	19.5	Beecroft Up
VQCY	VQCY 000801	17/07/2024	9:34:00 AM	-29.6	Beecroft Up
VQCY	VQCY 000801	17/07/2024	9:34:00 AM	-22.1	Beecroft Up
RKMY	RKMY 000117	17/07/2024	11:49:00 AM	-17.9	Beecroft Up
RQCY	RQCY 000793	17/07/2024	11:49:00 AM	-15.4	Beecroft Up
RQCY	RQCY 000988	17/07/2024	11:49:00 AM	-21.7	Beecroft Up
RRYY	RRYY 000029	17/07/2024	11:49:00 AM	-16.8	Beecroft Up
RQCY	RQCY 000785	17/07/2024	2:34:00 PM	-19.5	Beecroft Up
VQCY	VQCY 000576	17/07/2024	2:34:00 PM	-20.5	Beecroft Up
RQCY	RQCY 000687	18/07/2024	11:50:00 AM	-15.5	Beecroft Up
CQGY	CQGY 000548	18/07/2024	7:27:00 PM	-16.5	Beecroft Up
RKFX	RKFX 000009	19/07/2024	9:50:00 AM	-20.8	Beecroft Up
RKFX	RKFX 000024	19/07/2024	9:50:00 AM	-20.2	Beecroft Up
RKFX	RKFX 000037	19/07/2024	9:50:00 AM	-22.5	Beecroft Up
RKFX	RKFX 000037	19/07/2024	9:50:00 AM	16.3	Beecroft Up
RKFX	RKFX 000039	19/07/2024	9:50:00 AM	-21.6	Beecroft Up
RKWY	RKWY 000020	19/07/2024	9:50:00 AM	-34.6	Beecroft Up
RKWY	RKWY 000020	19/07/2024	9:50:00 AM	-27.7	Beecroft Up
RKWY	RKWY 002987	19/07/2024	9:50:00 AM	-36.1	Beecroft Up
RKWY	RKWY 002987	19/07/2024	9:50:00 AM	-30.6	Beecroft Up
RKWY	RKWY 002987	19/07/2024	9:50:00 AM	30.1	Beecroft Up
RKWY	RKWY 002987	19/07/2024	9:50:00 AM	35.3	Beecroft Up
RKWY	RKWY 002996	19/07/2024	9:50:00 AM	-24.4	Beecroft Up
RKWY	RKWY 002996	19/07/2024	9:50:00 AM	-18.1	Beecroft Up
RKWY	RKWY 004113	19/07/2024	9:50:00 AM	23.3	Beecroft Up
RKWY	RKWY 004113	19/07/2024	9:50:00 AM	27.4	Beecroft Up
RKMY	RKMY 000051	19/07/2024	1:45:00 PM	-18.6	Beecroft Up
VQCY	VQCY 000720	19/07/2024	3:35:00 PM	-24	Beecroft Up
VQCY	VQCY 000720	19/07/2024	3:35:00 PM	-17.9	Beecroft Up
VQCY	VQCY 000720	19/07/2024	3:35:00 PM	23	Beecroft Up
VQCY	VQCY 000609	20/07/2024	2:50:00 AM	-24.5	Beecroft Up
VQCY	VQCY 000609	20/07/2024	2:50:00 AM	-19.9	Beecroft Up

CQWY	CQWY 005023	20/07/2024	11:38:00 AM	-21.7	Beecroft Up
CQWY	CQWY 005023	20/07/2024	11:38:00 AM	-16.1	Beecroft Up
RRYY	RRYY 000027	20/07/2024	5:11:00 PM	-16.2	Beecroft Up
RQCY	RQCY 000988	21/07/2024	2:39:00 PM	-16.4	Beecroft Up
RRYY	RRYY 000029	21/07/2024	2:39:00 PM	-17	Beecroft Up
CQEY	CQEY 000218	22/07/2024	2:26:00 AM	-23.9	Beecroft Up
RKFX	RKFX 000021	23/07/2024	10:05:00 AM	-24.1	Beecroft Up
RKFX	RKFX 000021	23/07/2024	10:05:00 AM	-16.6	Beecroft Up
RKWY	RKWY 004085	23/07/2024	10:05:00 AM	17.4	Beecroft Up
RKWY	RKWY 004085	23/07/2024	10:05:00 AM	24.1	Beecroft Up
RKWY	RKWY 004087	23/07/2024	10:05:00 AM	-32.5	Beecroft Up
RKWY	RKWY 004087	23/07/2024	10:05:00 AM	-27.6	Beecroft Up
RKWY	RKWY 004171	23/07/2024	10:05:00 AM	-29.9	Beecroft Up
RKWY	RKWY 004171	23/07/2024	10:05:00 AM	-24.5	Beecroft Up
RQCY	RQCY 000047	23/07/2024	10:05:00 AM	-27.3	Beecroft Up
RKMY	RKMY 000051	23/07/2024	12:08:00 PM	-20.7	Beecroft Up
RRYY	RRYY 000007	23/07/2024	12:08:00 PM	-21.3	Beecroft Up
CQEY	CQEY 000218	24/07/2024	12:25:00 AM	-21.9	Beecroft Up
RQCY	RQCY 000687	24/07/2024	12:15:00 PM	-23.9	Beecroft Up
VQCY	VQCY 000822	24/07/2024	1:16:00 PM	-27.4	Beecroft Up
VQCY	VQCY 000822	24/07/2024	1:16:00 PM	-21.8	Beecroft Up
VQCY	VQCY 000982	24/07/2024	1:16:00 PM	-23.8	Beecroft Up
VQCY	VQCY 000982	24/07/2024	1:16:00 PM	-20.2	Beecroft Up
VQCY	VQCY 000609	25/07/2024	2:34:00 AM	-22.9	Beecroft Up
VQCY	VQCY 000609	25/07/2024	2:34:00 AM	-15.9	Beecroft Up
RQCY	RQCY 000988	25/07/2024	12:38:00 PM	-16.5	Beecroft Up
RRYY	RRYY 000029	25/07/2024	12:38:00 PM	-19.9	Beecroft Up
RRYY	RRYY 000029	25/07/2024	12:38:00 PM	-15.9	Beecroft Up
RKMY	RKMY 020387	25/07/2024	7:24:00 PM	-15	Beecroft Up
VQCY	VQCY 000940	25/07/2024	7:24:00 PM	-16.4	Beecroft Up
RKFX	RKFX 000025	26/07/2024	9:50:00 AM	-18.4	Beecroft Up
RKWY	RKWY 000017	26/07/2024	9:50:00 AM	-29.1	Beecroft Up
RKWY	RKWY 000017	26/07/2024	9:50:00 AM	30.2	Beecroft Up
RKWY	RKWY 000017	26/07/2024	9:50:00 AM	38.7	Beecroft Up
RKWY	RKWY 002616	26/07/2024	9:50:00 AM	-34.6	Beecroft Up
RKWY	RKWY 002616	26/07/2024	9:50:00 AM	-27.2	Beecroft Up
RKWY	RKWY 002866	26/07/2024	9:50:00 AM	-34.2	Beecroft Up
RQCY	RQCY 000968	26/07/2024	1:17:00 PM	-21.6	Beecroft Up
RRYY	RRYY 000018	26/07/2024	1:17:00 PM	-15.4	Beecroft Up
CQEY	CQEY 000218	27/07/2024	12:30:00 AM	-18.1	Beecroft Up
RKMY	RKMY 000051	27/07/2024	11:43:00 AM	-16.3	Beecroft Up
RQCY	RQCY 000957	27/07/2024	11:43:00 AM	26.4	Beecroft Up
RQCY	RQCY 000957	27/07/2024	11:43:00 AM	31.3	Beecroft Up
VQCY	VQCY 000609	30/07/2024	2:27:00 AM	-23.8	Beecroft Up
VQCY	VQCY 000609	30/07/2024	2:27:00 AM	-18.8	Beecroft Up
RKFX	RKFX 000017	30/07/2024	10:04:00 AM	-19.6	Beecroft Up
RKFX	RKFX 000053	30/07/2024	10:04:00 AM	-21.9	Beecroft Up
RKKY	RKKY 007313	30/07/2024	10:04:00 AM	-15	Beecroft Up
RKWY	RKWY 000030	30/07/2024	10:04:00 AM	-32.7	Beecroft Up
RKWY	RKWY 000030	30/07/2024	10:04:00 AM	-26.7	Beecroft Up
RKWY	RKWY 002141	30/07/2024	10:04:00 AM	31.9	Beecroft Up
RKWY	RKWY 004013	30/07/2024	10:04:00 AM	-20	Beecroft Up
RQCY	RQCY 000840	30/07/2024	10:04:00 AM	-23.8	Beecroft Up
RQCY	RQCY 000968	30/07/2024	11:35:00 AM	-19.5	Beecroft Up
RQCY	RQCY 000047	30/07/2024	7:06:00 PM	-28.1	Beecroft Up
RQCY	RQCY 000047	30/07/2024	7:06:00 PM	-22	Beecroft Up
RRKY	RRKY 004338	30/07/2024	7:06:00 PM	-15.9	Beecroft Up
RQCY	RQCY 000793	31/07/2024	1:10:00 PM	-16.3	Beecroft Up
CQWY	CQWY 005056	31/07/2024	2:17:00 PM	-18.7	Beecroft Up
VQCY	VQCY 000611	31/07/2024	2:17:00 PM	-26.4	Beecroft Up
VQCY	VQCY 000611	31/07/2024	2:17:00 PM	-21.2	Beecroft Up
VQCY	VQCY 000891	01/08/2024	12:17:00 PM	-17.2	Beecroft Up
VQCY	VQCY 000609	02/08/2024	2:42:00 AM	-28.5	Beecroft Up

VQCY	VQCY 000609	02/08/2024	2:42:00 AM	-24.1	Beecroft Up
VQCY	VQCY 000672	02/08/2024	2:42:00 AM	-15.5	Beecroft Up
RKFX	RKFX 000015	02/08/2024	10:21:00 AM	-22.3	Beecroft Up
RKFX	RKFX 000015	02/08/2024	10:21:00 AM	-15.1	Beecroft Up
RKFX	RKFX 000050	02/08/2024	10:21:00 AM	-15.4	Beecroft Up
RKWY	RKWY 000003	02/08/2024	10:21:00 AM	-20.3	Beecroft Up
RKWY	RKWY 000017	02/08/2024	10:21:00 AM	-33.9	Beecroft Up
RKWY	RKWY 000017	02/08/2024	10:21:00 AM	-28.2	Beecroft Up
RKWY	RKWY 002333	02/08/2024	10:21:00 AM	-21.5	Beecroft Up
RKWY	RKWY 002616	02/08/2024	10:21:00 AM	-24.5	Beecroft Up
RKWY	RKWY 002616	02/08/2024	10:21:00 AM	-19.6	Beecroft Up
RKWY	RKWY 002854	02/08/2024	10:21:00 AM	-20.2	Beecroft Up
RKWY	RKWY 002872	02/08/2024	10:21:00 AM	-15.3	Beecroft Up
RKWY	RKWY 002891	02/08/2024	10:21:00 AM	-27.2	Beecroft Up
RKWY	RKWY 002945	02/08/2024	10:21:00 AM	-26.9	Beecroft Up
RKWY	RKWY 002945	02/08/2024	10:21:00 AM	-20.3	Beecroft Up
RKWY	RKWY 004040	02/08/2024	10:21:00 AM	-27.8	Beecroft Up
CQWY	CQWY 005016	02/08/2024	12:06:00 PM	-21.6	Beecroft Up
CQWY	CQWY 005016	02/08/2024	12:06:00 PM	-20.8	Beecroft Up
CQWY	CQWY 005016	02/08/2024	12:06:00 PM	-15.2	Beecroft Up
RQCY	RQCY 000753	02/08/2024	12:06:00 PM	-28.6	Beecroft Up
RQCY	RQCY 000753	02/08/2024	12:06:00 PM	-20.1	Beecroft Up
RKWY	RKWY 002328	06/08/2024	10:20:00 AM	-28.1	Beecroft Up
RKWY	RKWY 002328	06/08/2024	10:20:00 AM	-21.1	Beecroft Up
RKWY	RKWY 002534	06/08/2024	10:20:00 AM	-27.7	Beecroft Up
RKWY	RKWY 002534	06/08/2024	10:20:00 AM	-21.7	Beecroft Up
RQCY	RQCY 000987	06/08/2024	10:20:00 AM	-15.9	Beecroft Up
CQWY	CQWY 005002	06/08/2024	11:46:00 AM	-19.2	Beecroft Up
RRYY	RRYY 000029	07/08/2024	12:16:00 PM	-18.5	Beecroft Up
RQCY	RQCY 000968	07/08/2024	1:17:00 PM	-19	Beecroft Up
VQCY	VQCY 000982	07/08/2024	1:17:00 PM	-18.8	Beecroft Up
CQWY	CQWY 005016	08/08/2024	11:51:00 AM	-22.6	Beecroft Up
CQWY	CQWY 005016	08/08/2024	11:51:00 AM	-17.4	Beecroft Up
CQWY	CQWY 005016	08/08/2024	11:51:00 AM	-16.8	Beecroft Up
RQCY	RQCY 000912	08/08/2024	1:47:00 PM	-15.5	Beecroft Up
VQCY	VQCY 000861	08/08/2024	1:47:00 PM	-27.4	Beecroft Up
VQCY	VQCY 000861	08/08/2024	1:47:00 PM	-21.7	Beecroft Up
VQCY	VQCY 000861	08/08/2024	1:47:00 PM	19.4	Beecroft Up
RKFX	RKFX 000021	09/08/2024	10:04:00 AM	-24	Beecroft Up
RKFX	RKFX 000021	09/08/2024	10:04:00 AM	-16.8	Beecroft Up
RKFX	RKFX 000021	09/08/2024	10:04:00 AM	36.1	Beecroft Up
RKFX	RKFX 000021	09/08/2024	10:04:00 AM	41.2	Beecroft Up
RKFX	RKFX 000024	09/08/2024	10:04:00 AM	-15.9	Beecroft Up
RKWY	RKWY 002515	09/08/2024	10:04:00 AM	-17.4	Beecroft Up
RKWY	RKWY 004085	09/08/2024	10:04:00 AM	-24.9	Beecroft Up
RKWY	RKWY 004085	09/08/2024	10:04:00 AM	-17.7	Beecroft Up
RKWY	RKWY 004113	09/08/2024	10:04:00 AM	-23.3	Beecroft Up
RKWY	RKWY 004113	09/08/2024	10:04:00 AM	-17.6	Beecroft Up
RKWY	RKWY 004124	09/08/2024	10:04:00 AM	25.6	Beecroft Up
RKWY	RKWY 004124	09/08/2024	10:04:00 AM	30.8	Beecroft Up
CQGY	CQGY 000548	09/08/2024	2:36:00 PM	-15.3	Beecroft Up
RQCY	RQCY 000753	09/08/2024	2:36:00 PM	-23	Beecroft Up
RQCY	RQCY 000753	09/08/2024	2:36:00 PM	-15.4	Beecroft Up
RQCY	RQCY 000784	09/08/2024	2:36:00 PM	-15	Beecroft Up
RQCY	RQCY 000968	10/08/2024	3:57:00 PM	-19.1	Beecroft Up
CQEY	CQEY 000218	12/08/2024	12:13:00 AM	-16.2	Beecroft Up
CQEY	CQEY 000218	12/08/2024	12:13:00 AM	19.2	Beecroft Up
CQEY	CQEY 000218	12/08/2024	12:13:00 AM	27.1	Beecroft Up
VQCY	VQCY 000609	13/08/2024	2:40:00 AM	-28.2	Beecroft Up
VQCY	VQCY 000609	13/08/2024	2:40:00 AM	-23.4	Beecroft Up
RQCY	RQCY 000047	14/08/2024	12:18:00 PM	-22.6	Beecroft Up
RQCY	RQCY 000912	14/08/2024	12:18:00 PM	-17.3	Beecroft Up
VQCY	VQCY 000609	15/08/2024	3:00:00 AM	22.2	Beecroft Up

CQGY	CQGY 000548	16/08/2024	10:15:00 AM	-15	Beecroft Up
RKWY	RKWY 002154	16/08/2024	10:15:00 AM	-17.2	Beecroft Up
RKWY	RKWY 002333	16/08/2024	10:15:00 AM	-22.6	Beecroft Up
RKWY	RKWY 002333	16/08/2024	10:15:00 AM	-16	Beecroft Up
RKWY	RKWY 004001	16/08/2024	10:15:00 AM	23.4	Beecroft Up
RKWY	RKWY 004027	16/08/2024	10:15:00 AM	32.8	Beecroft Up
VQCY	VQCY 000616	16/08/2024	2:16:00 PM	-15.2	Beecroft Up
RQCY	RQCY 000912	18/08/2024	12:40:00 PM	-22.4	Beecroft Up
RQCY	RQCY 000912	18/08/2024	12:40:00 PM	-17.2	Beecroft Up
RKWY	RKWY 000017	20/08/2024	9:34:00 AM	-39.7	Beecroft Up
RKWY	RKWY 000017	20/08/2024	9:34:00 AM	-34.9	Beecroft Up
RKWY	RKWY 002328	20/08/2024	9:34:00 AM	-35.3	Beecroft Up
RKWY	RKWY 002328	20/08/2024	9:34:00 AM	-27.2	Beecroft Up
RKWY	RKWY 002515	20/08/2024	9:34:00 AM	-28.2	Beecroft Up
RKWY	RKWY 002987	20/08/2024	9:34:00 AM	-29.7	Beecroft Up
RKWY	RKWY 002987	20/08/2024	9:34:00 AM	-24.4	Beecroft Up
RKWY	RKWY 002987	20/08/2024	9:34:00 AM	37.8	Beecroft Up
RKWY	RKWY 002987	20/08/2024	9:34:00 AM	41.9	Beecroft Up
RKWY	RKWY 004040	20/08/2024	9:34:00 AM	-26.9	Beecroft Up
RKWY	RKWY 004089	20/08/2024	9:34:00 AM	-30.9	Beecroft Up
RKWY	RKWY 004089	20/08/2024	9:34:00 AM	-23.5	Beecroft Up
RKWY	RKWY 004118	20/08/2024	9:34:00 AM	-15.2	Beecroft Up
RKWY	RKWY 004124	20/08/2024	9:34:00 AM	32.1	Beecroft Up
RKWY	RKWY 004124	20/08/2024	9:34:00 AM	39	Beecroft Up
RQCY	RQCY 000784	20/08/2024	9:34:00 AM	-26.9	Beecroft Up
RQCY	RQCY 000784	20/08/2024	9:34:00 AM	-19.7	Beecroft Up
VQCY	VQCY 000609	22/08/2024	2:56:00 AM	-26.5	Beecroft Up
VQCY	VQCY 000609	22/08/2024	2:56:00 AM	-19.8	Beecroft Up
RQCY	RQCY 000912	22/08/2024	12:16:00 PM	-19.9	Beecroft Up
CQWY	CQWY 005054	22/08/2024	7:04:00 PM	34.2	Beecroft Up
CQWY	CQWY 005054	22/08/2024	7:04:00 PM	37.7	Beecroft Up
RRYY	RRYY 000029	23/08/2024	2:37:00 PM	-20.3	Beecroft Up
RKMY	RKMY 000222	24/08/2024	11:39:00 AM	-19.4	Beecroft Up
RKWY	RKWY 002647	26/08/2024	9:47:00 AM	-22.5	Beecroft Up
RKWY	RKWY 002871	26/08/2024	9:47:00 AM	-24	Beecroft Up
RKWY	RKWY 002871	26/08/2024	9:47:00 AM	-18.9	Beecroft Up
RKWY	RKWY 004063	26/08/2024	9:47:00 AM	-18	Beecroft Up
RKWY	RKWY 004067	26/08/2024	9:47:00 AM	27.1	Beecroft Up
RKWY	RKWY 000007	27/08/2024	10:16:00 AM	34.5	Beecroft Up
RKWY	RKWY 000007	27/08/2024	10:16:00 AM	41.7	Beecroft Up
CQEY	CQEY 000218	28/08/2024	2:48:00 AM	-16.8	Beecroft Up
CQWY	CQWY 005016	28/08/2024	2:31:00 PM	-24.9	Beecroft Up
CQWY	CQWY 005016	28/08/2024	2:31:00 PM	-18.5	Beecroft Up
CQWY	CQWY 005016	28/08/2024	2:31:00 PM	-17	Beecroft Up
VQCY	VQCY 000609	29/08/2024	5:18:00 AM	-25.1	Beecroft Up
VQCY	VQCY 000609	29/08/2024	5:18:00 AM	-18.3	Beecroft Up
CQWY	CQWY 005002	29/08/2024	2:05:00 PM	-24.8	Beecroft Up
CQWY	CQWY 005002	29/08/2024	2:05:00 PM	-20.3	Beecroft Up
RQCY	RQCY 000753	29/08/2024	2:05:00 PM	-24.8	Beecroft Up
RQCY	RQCY 000753	29/08/2024	2:05:00 PM	-19.3	Beecroft Up
RQCY	RQCY 000840	29/08/2024	2:05:00 PM	-25.2	Beecroft Up
RQCY	RQCY 000840	29/08/2024	2:05:00 PM	-20.4	Beecroft Up
RQCY	RQCY 000784	29/08/2024	7:11:00 PM	-20.9	Beecroft Up
RKWY	RKWY 002270	30/08/2024	10:04:00 AM	-15.6	Beecroft Up
RKWY	RKWY 002289	30/08/2024	10:04:00 AM	-26.3	Beecroft Up
RKWY	RKWY 002289	30/08/2024	10:04:00 AM	-19.8	Beecroft Up
RKWY	RKWY 002565	30/08/2024	10:04:00 AM	-20.6	Beecroft Up
RKWY	RKWY 004026	30/08/2024	10:04:00 AM	-21.2	Beecroft Up
RKWY	RKWY 004053	30/08/2024	10:04:00 AM	-25.9	Beecroft Up
RKWY	RKWY 004053	30/08/2024	10:04:00 AM	-19.3	Beecroft Up
RKWY	RKWY 004113	30/08/2024	10:04:00 AM	-37.1	Beecroft Up
RKWY	RKWY 004113	30/08/2024	10:04:00 AM	-32.2	Beecroft Up
RQCY	RQCY 000884	30/08/2024	10:04:00 AM	-27.4	Beecroft Up

RRYY	RRYY 000029	31/08/2024	4:19:00 PM	-20.6	Beecroft Up
RRYY	RRYY 000047	31/08/2024	4:19:00 PM	-19	Beecroft Up
RQCY	RQCY 000004	01/09/2024	11:39:00 AM	-16.5	Beecroft Up
RQCY	RQCY 000912	01/09/2024	11:39:00 AM	-17.6	Beecroft Up
RKFX	RKFX 000016	02/09/2024	11:04:00 AM	-16.3	Beecroft Up
RKFX	RKFX 000030	02/09/2024	11:04:00 AM	39.7	Beecroft Up
RKFX	RKFX 000053	02/09/2024	11:04:00 AM	-19.7	Beecroft Up
RKFX	RKFX 000058	02/09/2024	11:04:00 AM	-29.8	Beecroft Up
RKFX	RKFX 000058	02/09/2024	11:04:00 AM	-23.6	Beecroft Up
RKMY	RKMY 000030	02/09/2024	11:04:00 AM	-19.4	Beecroft Up
RKMY	RKMY 000061	02/09/2024	11:04:00 AM	-17.1	Beecroft Up
RKWY	RKWY 000006	02/09/2024	11:04:00 AM	19.4	Beecroft Up
RKWY	RKWY 000020	02/09/2024	11:04:00 AM	-39.9	Beecroft Up
RKWY	RKWY 000020	02/09/2024	11:04:00 AM	-33.3	Beecroft Up
RKWY	RKWY 002945	02/09/2024	11:04:00 AM	-25.3	Beecroft Up
RKWY	RKWY 002945	02/09/2024	11:04:00 AM	-21.6	Beecroft Up
RKWY	RKWY 003009	02/09/2024	11:04:00 AM	-25.9	Beecroft Up
RKWY	RKWY 004001	02/09/2024	11:04:00 AM	21	Beecroft Up
RKWY	RKWY 004016	02/09/2024	11:04:00 AM	22.8	Beecroft Up
RKWY	RKWY 004016	02/09/2024	11:04:00 AM	28.7	Beecroft Up
RKWY	RKWY 004017	02/09/2024	11:04:00 AM	-21.2	Beecroft Up
RQTY	RQTY 000026	02/09/2024	11:04:00 AM	20.9	Beecroft Up
RQCY	RQCY 000840	03/09/2024	11:59:00 AM	-24.5	Beecroft Up
RQCY	RQCY 000840	03/09/2024	11:59:00 AM	-19.7	Beecroft Up
VQCY	VQCY 000609	04/09/2024	2:47:00 AM	-20	Beecroft Up
RKMY	RKMY 020540	04/09/2024	10:04:00 AM	-19	Beecroft Up
RQCY	RQCY 000912	05/09/2024	12:08:00 PM	-17.4	Beecroft Up
CQWY	CQWY 005057	05/09/2024	7:18:00 PM	-16.5	Beecroft Up
RKFX	RKFX 000023	06/09/2024	10:16:00 AM	-18.4	Beecroft Up
RKWY	RKWY 002515	06/09/2024	10:16:00 AM	-25.8	Beecroft Up
RKWY	RKWY 002919	06/09/2024	10:16:00 AM	-19.5	Beecroft Up
RKWY	RKWY 002969	06/09/2024	10:16:00 AM	-23.9	Beecroft Up
RKWY	RKWY 002969	06/09/2024	10:16:00 AM	-18.4	Beecroft Up
RKWY	RKWY 004007	06/09/2024	10:16:00 AM	-15.3	Beecroft Up
RKWY	RKWY 004015	06/09/2024	10:16:00 AM	27.4	Beecroft Up
RKWY	RKWY 004015	06/09/2024	10:16:00 AM	33.1	Beecroft Up
RKWY	RKWY 004171	06/09/2024	10:16:00 AM	-22.7	Beecroft Up
RKWY	RKWY 004171	06/09/2024	10:16:00 AM	-17.8	Beecroft Up
RQCY	RQCY 000884	06/09/2024	10:16:00 AM	-26.6	Beecroft Up
RQCY	RQCY 000884	06/09/2024	10:16:00 AM	-20.2	Beecroft Up
RRKY	RRKY 004337	06/09/2024	10:16:00 AM	-22.8	Beecroft Up
RRKY	RRKY 004337	06/09/2024	10:16:00 AM	-15.1	Beecroft Up
RRYY	RRYY 000029	06/09/2024	2:04:00 PM	-23.3	Beecroft Up
RRYY	RRYY 000029	06/09/2024	2:04:00 PM	-22.9	Beecroft Up
RRYY	RRYY 000029	06/09/2024	2:04:00 PM	-17	Beecroft Up
RRYY	RRYY 000029	06/09/2024	2:04:00 PM	-15.4	Beecroft Up
RRYY	RRYY 000047	06/09/2024	2:04:00 PM	-24.4	Beecroft Up
RRYY	RRYY 000047	06/09/2024	2:04:00 PM	-17.9	Beecroft Up
CQWY	CQWY 005054	06/09/2024	3:20:00 PM	-20.8	Beecroft Up
CQEY	CQEY 000218	07/09/2024	1:03:00 AM	-20	Beecroft Up
VQCY	VQCY 000609	07/09/2024	4:26:00 AM	-23.5	Beecroft Up
VQCY	VQCY 000609	07/09/2024	4:26:00 AM	-17.3	Beecroft Up
RQCY	RQCY 000753	07/09/2024	11:40:00 AM	-18.1	Beecroft Up
RQCY	RQCY 000840	07/09/2024	11:40:00 AM	-25.5	Beecroft Up
RQCY	RQCY 000840	07/09/2024	11:40:00 AM	-20.3	Beecroft Up
CQWY	CQWY 005016	07/09/2024	3:54:00 PM	-22.5	Beecroft Up
CQWY	CQWY 005016	07/09/2024	3:54:00 PM	-16.5	Beecroft Up
RKMY	RKMY 020387	07/09/2024	3:54:00 PM	-23.7	Beecroft Up
RKMY	RKMY 020387	07/09/2024	3:54:00 PM	-17.6	Beecroft Up
RKFX	RKFX 000042	09/09/2024	10:11:00 AM	-19.1	Beecroft Up
RKFX	RKFX 000049	09/09/2024	10:11:00 AM	-18.7	Beecroft Up
RKMY	RKMY 020415	09/09/2024	10:11:00 AM	15.1	Beecroft Up
RKWY	RKWY 002542	09/09/2024	10:11:00 AM	-27.8	Beecroft Up



RKWY	RKWY 004001	09/09/2024	10:11:00 AM	-24.6	Beecroft Up
RKWY	RKWY 004001	09/09/2024	10:11:00 AM	-20.4	Beecroft Up
RKWY	RKWY 004001	09/09/2024	10:11:00 AM	34.7	Beecroft Up
RKWY	RKWY 004001	09/09/2024	10:11:00 AM	38.8	Beecroft Up
RKWY	RKWY 004080	09/09/2024	10:11:00 AM	15.3	Beecroft Up
RKFX	RKFX 000029	10/09/2024	10:15:00 AM	-26.1	Beecroft Up
CQWY	CQWY 005032	11/09/2024	12:05:00 PM	-20.2	Beecroft Up
RKWY	RKWY 002289	13/09/2024	10:16:00 AM	-24.4	Beecroft Up
RKWY	RKWY 002289	13/09/2024	10:16:00 AM	-17	Beecroft Up
RKWY	RKWY 002534	13/09/2024	10:16:00 AM	-22.3	Beecroft Up
RKWY	RKWY 004019	16/09/2024	9:30:00 AM	16	Beecroft Up
RKWY	RKWY 000002	20/09/2024	10:19:00 AM	-26.8	Beecroft Up
RKWY	RKWY 002647	20/09/2024	10:19:00 AM	-25.4	Beecroft Up
RKWY	RKWY 004047	20/09/2024	10:19:00 AM	-23.2	Beecroft Up
RKWY	RKWY 004171	20/09/2024	10:19:00 AM	-16.4	Beecroft Up
CQWY	CQWY 005054	21/09/2024	11:10:00 AM	-17.6	Beecroft Up
RKFX	RKFX 000023	23/09/2024	9:35:00 AM	-29.1	Beecroft Up
RKFX	RKFX 000023	23/09/2024	9:35:00 AM	-21.7	Beecroft Up
RKFX	RKFX 000044	23/09/2024	9:35:00 AM	-18.5	Beecroft Up
RKWY	RKWY 004051	23/09/2024	9:35:00 AM	-30.7	Beecroft Up
RKWY	RKWY 004051	23/09/2024	9:35:00 AM	-23.1	Beecroft Up
RKWY	RKWY 004051	23/09/2024	9:35:00 AM	16.2	Beecroft Up
RKWY	RKWY 004051	23/09/2024	9:35:00 AM	21.1	Beecroft Up
RKFX	RKFX 000013	24/09/2024	9:34:00 AM	-21	Beecroft Up
RKWY	RKWY 000030	24/09/2024	9:34:00 AM	-32.5	Beecroft Up
RKWY	RKWY 000030	24/09/2024	9:34:00 AM	-26.4	Beecroft Up
RKWY	RKWY 002646	24/09/2024	9:34:00 AM	-31.6	Beecroft Up
RKWY	RKWY 002646	24/09/2024	9:34:00 AM	-24.6	Beecroft Up
RKWY	RKWY 002891	24/09/2024	9:34:00 AM	-24.1	Beecroft Up
RKWY	RKWY 002891	24/09/2024	9:34:00 AM	-17.1	Beecroft Up
RKWY	RKWY 004053	24/09/2024	9:34:00 AM	-25.4	Beecroft Up
RKWY	RKWY 004053	24/09/2024	9:34:00 AM	-18.3	Beecroft Up
RKWY	RKWY 004085	24/09/2024	9:34:00 AM	-33	Beecroft Up
RKWY	RKWY 004085	24/09/2024	9:34:00 AM	18.7	Beecroft Up
RKWY	RKWY 004113	24/09/2024	9:34:00 AM	-27.9	Beecroft Up
RKWY	RKWY 004113	24/09/2024	9:34:00 AM	-21.9	Beecroft Up
RRYY	RRYY 000011	25/09/2024	11:50:00 AM	-20.4	Beecroft Up
RKFX	RKFX 000004	27/09/2024	10:07:00 AM	20.5	Beecroft Up
RKFX	RKFX 000004	27/09/2024	10:07:00 AM	27.1	Beecroft Up
RKFX	RKFX 000009	27/09/2024	10:07:00 AM	-26.3	Beecroft Up
RKFX	RKFX 000009	27/09/2024	10:07:00 AM	-20.3	Beecroft Up
RKWY	RKWY 001976	27/09/2024	10:07:00 AM	-33.9	Beecroft Up
RKWY	RKWY 001976	27/09/2024	10:07:00 AM	-26.5	Beecroft Up
RKWY	RKWY 001976	27/09/2024	10:07:00 AM	22.9	Beecroft Up
RKWY	RKWY 002534	27/09/2024	10:07:00 AM	-28.9	Beecroft Up
RKWY	RKWY 002534	27/09/2024	10:07:00 AM	-21.9	Beecroft Up
RKWY	RKWY 002534	27/09/2024	10:07:00 AM	32.4	Beecroft Up
RKWY	RKWY 002534	27/09/2024	10:07:00 AM	39.2	Beecroft Up
RKWY	RKWY 002869	27/09/2024	10:07:00 AM	19.3	Beecroft Up
RKWY	RKWY 002869	27/09/2024	10:07:00 AM	24.2	Beecroft Up
RKWY	RKWY 002875	27/09/2024	10:07:00 AM	-22.5	Beecroft Up
RKWY	RKWY 002875	27/09/2024	10:07:00 AM	-16.2	Beecroft Up
RKWY	RKWY 002875	27/09/2024	10:07:00 AM	29.1	Beecroft Up
RKWY	RKWY 002875	27/09/2024	10:07:00 AM	32.5	Beecroft Up
RKWY	RKWY 004080	27/09/2024	10:07:00 AM	-26	Beecroft Up
RKWY	RKWY 004080	27/09/2024	10:07:00 AM	-16.8	Beecroft Up
RKFX	RKFX 000044	30/09/2024	10:21:00 AM	-16.8	Beecroft Up
RKWY	RKWY 000007	30/09/2024	10:21:00 AM	-15.7	Beecroft Up
RKFX	RKFX 000025	01/10/2024	10:05:00 AM	-22.5	Beecroft Up
RKWY	RKWY 000027	01/10/2024	10:05:00 AM	-27	Beecroft Up
RKWY	RKWY 000027	01/10/2024	10:05:00 AM	-20.4	Beecroft Up
RKWY	RKWY 002933	01/10/2024	10:05:00 AM	-18	Beecroft Up
RKWY	RKWY 004133	01/10/2024	10:05:00 AM	-48.9	Beecroft Up

RKWY	RKWY 004133	01/10/2024	10:05:00 AM	-40.9	Beecroft Up
CQWY	CQWY 005054	02/10/2024	12:53:00 PM	-24.7	Beecroft Up
CQWY	CQWY 005054	02/10/2024	12:53:00 PM	-17.8	Beecroft Up
RKFX	RKFX 000023	04/10/2024	1:29:00 AM	-24.2	Beecroft Up
RKFX	RKFX 000023	04/10/2024	1:29:00 AM	-18.2	Beecroft Up
RKFX	RKFX 000054	04/10/2024	1:29:00 AM	-16.9	Beecroft Up
RKMY	RKMY 020540	04/10/2024	1:29:00 AM	-15.3	Beecroft Up
RKWY	RKWY 000007	04/10/2024	1:29:00 AM	-29.4	Beecroft Up
RKWY	RKWY 000007	04/10/2024	1:29:00 AM	-22.6	Beecroft Up
RKWY	RKWY 004047	04/10/2024	10:16:00 AM	-26.8	Beecroft Up
RKWY	RKWY 004047	04/10/2024	10:16:00 AM	-20.3	Beecroft Up
RKWY	RKWY 004171	04/10/2024	10:16:00 AM	-20.6	Beecroft Up
CQWY	CQWY 005054	06/10/2024	12:14:00 PM	-30.9	Beecroft Up
CQWY	CQWY 005054	06/10/2024	12:14:00 PM	-24.4	Beecroft Up
CQWY	CQWY 005054	06/10/2024	12:14:00 PM	-17.4	Beecroft Up
RKFX	RKFX 000009	08/10/2024	9:46:00 AM	-18.6	Beecroft Up
RKFX	RKFX 000013	08/10/2024	9:46:00 AM	-26.8	Beecroft Up
RKFX	RKFX 000013	08/10/2024	9:46:00 AM	-20.7	Beecroft Up
RKFX	RKFX 000013	08/10/2024	9:46:00 AM	25.2	Beecroft Up
RKFX	RKFX 000013	08/10/2024	9:46:00 AM	30.8	Beecroft Up
RKFX	RKFX 000023	08/10/2024	9:46:00 AM	-18	Beecroft Up
RKFX	RKFX 000053	08/10/2024	9:46:00 AM	-16.4	Beecroft Up
RKFX	RKFX 000055	08/10/2024	9:46:00 AM	18.2	Beecroft Up
RKFX	RKFX 000055	08/10/2024	9:46:00 AM	25.2	Beecroft Up
RKFX	RKFX 000058	08/10/2024	9:46:00 AM	-29.2	Beecroft Up
RKFX	RKFX 000058	08/10/2024	9:46:00 AM	-22	Beecroft Up
RKFX	RKFX 000058	08/10/2024	9:46:00 AM	19.5	Beecroft Up
RKWY	RKWY 000007	08/10/2024	9:46:00 AM	-36.7	Beecroft Up
RKWY	RKWY 000007	08/10/2024	9:46:00 AM	-31.3	Beecroft Up
RKWY	RKWY 002154	08/10/2024	9:46:00 AM	25.3	Beecroft Up
RKWY	RKWY 002154	08/10/2024	9:46:00 AM	29.3	Beecroft Up
RKWY	RKWY 002289	08/10/2024	9:46:00 AM	-34.5	Beecroft Up
RKWY	RKWY 002289	08/10/2024	9:46:00 AM	-27.9	Beecroft Up
RKWY	RKWY 002534	08/10/2024	9:46:00 AM	-22.6	Beecroft Up
RKWY	RKWY 002534	08/10/2024	9:46:00 AM	-17.1	Beecroft Up
RKWY	RKWY 002866	08/10/2024	9:46:00 AM	32.8	Beecroft Up
RKWY	RKWY 004051	08/10/2024	9:46:00 AM	-47.1	Beecroft Up
RKWY	RKWY 004051	08/10/2024	9:46:00 AM	-39.1	Beecroft Up
RKWY	RKWY 004051	08/10/2024	9:46:00 AM	40.5	Beecroft Up
RKWY	RKWY 004051	08/10/2024	9:46:00 AM	47.2	Beecroft Up
RKWY	RKWY 004053	08/10/2024	9:46:00 AM	-39.6	Beecroft Up
RKWY	RKWY 004053	08/10/2024	9:46:00 AM	-32.5	Beecroft Up
CQWY	CQWY 005031	08/10/2024	11:40:00 AM	-22.1	Beecroft Up
CQWY	CQWY 005031	08/10/2024	11:40:00 AM	-16.4	Beecroft Up
CQWY	CQWY 005031	08/10/2024	11:40:00 AM	17	Beecroft Up
CQWY	CQWY 005031	08/10/2024	11:40:00 AM	26.8	Beecroft Up
CQWY	CQWY 005031	08/10/2024	11:40:00 AM	31.6	Beecroft Up
RQCY	RQCY 000753	08/10/2024	11:40:00 AM	-28.2	Beecroft Up
RQCY	RQCY 000753	08/10/2024	11:40:00 AM	-21.7	Beecroft Up
RQCY	RQCY 000753	08/10/2024	11:40:00 AM	34	Beecroft Up
RQCY	RQCY 000753	08/10/2024	11:40:00 AM	38.9	Beecroft Up
RRYY	RRYY 000013	08/10/2024	11:40:00 AM	-26	Beecroft Up
RRYY	RRYY 000013	08/10/2024	11:40:00 AM	-18.9	Beecroft Up
CQEY	CQEY 000209	10/10/2024	3:43:00 AM	-18.9	Beecroft Up
CQWY	CQWY 005054	10/10/2024	12:15:00 PM	-35.3	Beecroft Up
CQWY	CQWY 005054	10/10/2024	12:15:00 PM	-28.1	Beecroft Up
CQWY	CQWY 005054	10/10/2024	12:15:00 PM	-25.5	Beecroft Up
RKFX	RKFX 000015	11/10/2024	10:16:00 AM	-22.4	Beecroft Up
RKFX	RKFX 000037	11/10/2024	10:16:00 AM	-24.6	Beecroft Up
RKFX	RKFX 000037	11/10/2024	10:16:00 AM	-18.3	Beecroft Up
RKWY	RKWY 000002	11/10/2024	10:16:00 AM	-26.1	Beecroft Up
RKWY	RKWY 000002	11/10/2024	10:16:00 AM	-18.7	Beecroft Up
RKWY	RKWY 002891	11/10/2024	10:16:00 AM	-22.4	Beecroft Up

RKWY	RKWY 002891	11/10/2024	10:16:00 AM	-15.1	Beecroft Up
RKWY	RKWY 004085	11/10/2024	10:16:00 AM	-35.5	Beecroft Up
RKWY	RKWY 004085	11/10/2024	10:16:00 AM	-27.7	Beecroft Up
RRYY	RRYY 000013	12/10/2024	4:10:00 PM	-33	Beecroft Up
RRYY	RRYY 000013	12/10/2024	4:10:00 PM	-26.6	Beecroft Up
RKMY	RKMY 000072	13/10/2024	12:42:00 PM	-20.1	Beecroft Up
RKFX	RKFX 000052	14/10/2024	10:06:00 AM	-16.9	Beecroft Up
RKFX	RKFX 000053	14/10/2024	10:06:00 AM	-15.5	Beecroft Up
RKFX	RKFX 000058	14/10/2024	10:06:00 AM	-16	Beecroft Up
RKWY	RKWY 002289	14/10/2024	10:06:00 AM	-17.2	Beecroft Up
RKWY	RKWY 002647	14/10/2024	10:06:00 AM	-33.2	Beecroft Up
RKWY	RKWY 002647	14/10/2024	10:06:00 AM	-28.1	Beecroft Up
RKWY	RKWY 002647	14/10/2024	10:06:00 AM	-15.3	Beecroft Up
RKWY	RKWY 002869	14/10/2024	10:06:00 AM	-22.8	Beecroft Up
RKWY	RKWY 002869	14/10/2024	10:06:00 AM	-15.8	Beecroft Up
RKWY	RKWY 004166	14/10/2024	10:06:00 AM	-38.2	Beecroft Up
RKWY	RKWY 004166	14/10/2024	10:06:00 AM	-30.9	Beecroft Up
RQCY	RQCY 000840	14/10/2024	10:06:00 AM	-26.3	Beecroft Up
RQCY	RQCY 000840	14/10/2024	10:06:00 AM	-20.6	Beecroft Up
CQWY	CQWY 005044	15/10/2024	11:35:00 AM	-29.8	Beecroft Up
CQWY	CQWY 005044	15/10/2024	11:35:00 AM	-24.9	Beecroft Up
CQWY	CQWY 005044	15/10/2024	11:35:00 AM	-23	Beecroft Up
CQWY	CQWY 005044	15/10/2024	11:35:00 AM	-17.3	Beecroft Up
CQWY	CQWY 005054	16/10/2024	11:51:00 AM	-23.1	Beecroft Up
CQWY	CQWY 005054	16/10/2024	11:51:00 AM	-17.2	Beecroft Up
RKMY	RKMY 000072	17/10/2024	12:07:00 PM	-20.9	Beecroft Up
RQTY	RQTY 000062	17/10/2024	8:03:00 PM	-27.7	Beecroft Up
RQTY	RQTY 000062	17/10/2024	8:03:00 PM	-19.9	Beecroft Up
RKWY	RKWY 002534	18/10/2024	10:05:00 AM	-26.2	Beecroft Up
RKWY	RKWY 002534	18/10/2024	10:05:00 AM	-20.8	Beecroft Up
RQTY	RQTY 000054	18/10/2024	10:05:00 AM	-17.8	Beecroft Up
RQTY	RQTY 000054	18/10/2024	10:05:00 AM	17.8	Beecroft Up
RQTY	RQTY 000054	18/10/2024	10:05:00 AM	25	Beecroft Up
CQWY	CQWY 005044	19/10/2024	4:26:00 PM	-40.1	Beecroft Up
CQWY	CQWY 005044	19/10/2024	4:26:00 PM	-35	Beecroft Up
CQWY	CQWY 005044	19/10/2024	4:26:00 PM	-34.5	Beecroft Up
CQWY	CQWY 005044	19/10/2024	4:26:00 PM	-28.8	Beecroft Up
CQWY	CQWY 005044	19/10/2024	4:26:00 PM	37	Beecroft Up
CQWY	CQWY 005044	19/10/2024	4:26:00 PM	42.7	Beecroft Up
CQWY	CQWY 005044	19/10/2024	4:26:00 PM	43	Beecroft Up
CQWY	CQWY 005044	19/10/2024	4:26:00 PM	44.4	Beecroft Up
RQCY	RQCY 001002	19/10/2024	4:26:00 PM	-16	Beecroft Up
RQCY	RQCY 001002	19/10/2024	4:26:00 PM	27.2	Beecroft Up
RQCY	RQCY 001002	19/10/2024	4:26:00 PM	30.7	Beecroft Up
RRYY	RRYY 000019	19/10/2024	4:26:00 PM	-23.8	Beecroft Up
RRYY	RRYY 000019	19/10/2024	4:26:00 PM	-17.3	Beecroft Up
RRYY	RRYY 000019	19/10/2024	4:26:00 PM	16.1	Beecroft Up
RRYY	RRYY 000019	19/10/2024	4:26:00 PM	18.6	Beecroft Up
RKFX	RKFX 000025	21/10/2024	10:17:00 AM	-32.3	Beecroft Up
RKFX	RKFX 000025	21/10/2024	10:17:00 AM	-24.9	Beecroft Up
RKWY	RKWY 002919	21/10/2024	10:17:00 AM	-20.9	Beecroft Up
RKFX	RKFX 000029	22/10/2024	9:41:00 AM	-27.7	Beecroft Up
RKFX	RKFX 000029	22/10/2024	9:41:00 AM	-20.8	Beecroft Up
RKFX	RKFX 000039	22/10/2024	9:41:00 AM	-19.3	Beecroft Up
CQWY	CQWY 005054	22/10/2024	11:41:00 AM	-27.2	Beecroft Up
CQWY	CQWY 005054	22/10/2024	11:41:00 AM	-22.1	Beecroft Up
CQWY	CQWY 005054	22/10/2024	11:41:00 AM	-20.1	Beecroft Up
CQEY	CQEY 000209	23/10/2024	2:21:00 AM	-19	Beecroft Up
RKFX	RKFX 000017	23/10/2024	9:40:00 AM	-22.9	Beecroft Up
RKFX	RKFX 000023	23/10/2024	9:40:00 AM	-23.8	Beecroft Up
RKFX	RKFX 000023	23/10/2024	9:40:00 AM	-17.6	Beecroft Up
RKFX	RKFX 000044	23/10/2024	9:40:00 AM	-21.2	Beecroft Up
RKFX	RKFX 000054	23/10/2024	9:40:00 AM	-22.5	Beecroft Up

RKFX	RKFX 000058	23/10/2024	9:40:00 AM	-27.4	Beecroft Up
RKFX	RKFX 000058	23/10/2024	9:40:00 AM	-20.5	Beecroft Up
RKWY	RKWY 002289	23/10/2024	9:40:00 AM	-29.3	Beecroft Up
RKWY	RKWY 002289	23/10/2024	9:40:00 AM	-23.3	Beecroft Up
RKWY	RKWY 004133	23/10/2024	9:40:00 AM	-37.5	Beecroft Up
RKWY	RKWY 004133	23/10/2024	9:40:00 AM	-30.5	Beecroft Up
RQTY	RQTY 000015	24/10/2024	9:41:00 AM	-15.6	Beecroft Up
RKFX	RKFX 000016	25/10/2024	9:41:00 AM	-31.1	Beecroft Up
RKFX	RKFX 000016	25/10/2024	9:41:00 AM	-25.1	Beecroft Up
RKFX	RKFX 000022	25/10/2024	9:41:00 AM	-15.7	Beecroft Up
CQWY	CQWY 005054	26/10/2024	4:10:00 PM	-31.5	Beecroft Up
CQWY	CQWY 005054	26/10/2024	4:10:00 PM	-24.7	Beecroft Up
RQCY	RQCY 001005	27/10/2024	7:40:00 PM	-20.2	Beecroft Up
RKFX	RKFX 000009	28/10/2024	9:41:00 AM	-29	Beecroft Up
RKFX	RKFX 000009	28/10/2024	9:41:00 AM	-22.9	Beecroft Up
RKFX	RKFX 000015	28/10/2024	9:41:00 AM	-25.5	Beecroft Up
RKFX	RKFX 000015	28/10/2024	9:41:00 AM	-17.7	Beecroft Up
RKFX	RKFX 000037	28/10/2024	9:41:00 AM	-22.4	Beecroft Up
RKFX	RKFX 000037	28/10/2024	9:41:00 AM	-16.3	Beecroft Up
RKFX	RKFX 000021	29/10/2024	10:12:00 AM	-30.8	Beecroft Up
RKFX	RKFX 000021	29/10/2024	10:12:00 AM	-23.1	Beecroft Up
RKFX	RKFX 000021	29/10/2024	10:12:00 AM	16.1	Beecroft Up
RKFX	RKFX 000021	29/10/2024	10:12:00 AM	21.5	Beecroft Up
RKFX	RKFX 000023	29/10/2024	10:12:00 AM	-23.4	Beecroft Up
RKFX	RKFX 000023	29/10/2024	10:12:00 AM	-18.8	Beecroft Up
RKFX	RKFX 000040	29/10/2024	10:12:00 AM	-29.2	Beecroft Up
RKFX	RKFX 000040	29/10/2024	10:12:00 AM	-22.6	Beecroft Up
RKFX	RKFX 000053	29/10/2024	10:12:00 AM	-27	Beecroft Up
RKFX	RKFX 000058	29/10/2024	10:12:00 AM	-22.3	Beecroft Up
RKFX	RKFX 000058	29/10/2024	10:12:00 AM	-16.7	Beecroft Up
RKWY	RKWY 002281	29/10/2024	10:12:00 AM	-19.7	Beecroft Up
RKWY	RKWY 002289	29/10/2024	10:12:00 AM	-34	Beecroft Up
RKWY	RKWY 002289	29/10/2024	10:12:00 AM	-27.3	Beecroft Up
RKWY	RKWY 004016	29/10/2024	10:12:00 AM	-16	Beecroft Up
RKWY	RKWY 004019	29/10/2024	10:12:00 AM	-21.3	Beecroft Up
RKWY	RKWY 004051	29/10/2024	10:12:00 AM	-28.4	Beecroft Up
RKWY	RKWY 004051	29/10/2024	10:12:00 AM	-22.9	Beecroft Up
RKWY	RKWY 004107	29/10/2024	10:12:00 AM	-25.5	Beecroft Up
RKWY	RKWY 004107	29/10/2024	10:12:00 AM	-19.6	Beecroft Up
RKWY	RKWY 004133	29/10/2024	10:12:00 AM	-30.8	Beecroft Up
RKWY	RKWY 004133	29/10/2024	10:12:00 AM	-24.5	Beecroft Up
RQCY	RQCY 001007	29/10/2024	10:12:00 AM	-24.5	Beecroft Up
RQCY	RQCY 001007	29/10/2024	10:12:00 AM	-17.8	Beecroft Up
RKFX	RKFX 000019	01/11/2024	9:44:00 AM	-21.8	Beecroft Up
RKFX	RKFX 000042	01/11/2024	9:44:00 AM	-24.8	Beecroft Up
RKWY	RKWY 002919	01/11/2024	9:44:00 AM	-16.3	Beecroft Up
RRKY	RRKY 002762	01/11/2024	9:44:00 AM	-21.8	Beecroft Up
RRKY	RRKY 002762	01/11/2024	9:44:00 AM	-16.7	Beecroft Up
RRYY	RRYY 000038	01/11/2024	11:41:00 AM	-16.4	Beecroft Up
RRYY	RRYY 000013	01/11/2024	1:40:00 PM	-18.3	Beecroft Up
RKWY	RKWY 004113	04/11/2024	9:40:00 AM	-34.7	Beecroft Up
RKWY	RKWY 004113	04/11/2024	9:40:00 AM	-26.9	Beecroft Up
RKFX	RKFX 000019	05/11/2024	10:10:00 AM	-28.7	Beecroft Up
RKFX	RKFX 000019	05/11/2024	10:10:00 AM	-22.7	Beecroft Up
RKFX	RKFX 000042	05/11/2024	10:10:00 AM	-22.1	Beecroft Up
RKWY	RKWY 002919	05/11/2024	10:10:00 AM	-20.2	Beecroft Up
RKWY	RKWY 000027	08/11/2024	9:43:00 AM	-20.9	Beecroft Up
RKWY	RKWY 000030	08/11/2024	9:43:00 AM	-30.4	Beecroft Up
RKWY	RKWY 000030	08/11/2024	9:43:00 AM	-24.2	Beecroft Up
RKWY	RKWY 004087	08/11/2024	9:43:00 AM	-18.3	Beecroft Up
RKWY	RKWY 004087	08/11/2024	9:43:00 AM	37.8	Beecroft Up
RKWY	RKWY 004087	08/11/2024	9:43:00 AM	46	Beecroft Up
CQWY	CQWY 005054	08/11/2024	3:45:00 PM	-27.7	Beecroft Up

CQWY	CQWY 005054	08/11/2024 3:45:00 PM	-21 Beecroft Up
CQWY	CQWY 005018	10/11/2024 11:55:00 AM	-17.8 Beecroft Up
RKFX	RKFX 000015	11/11/2024 9:40:00 AM	-23 Beecroft Up
RKFX	RKFX 000015	11/11/2024 9:40:00 AM	-15 Beecroft Up
RKFX	RKFX 000017	11/11/2024 9:40:00 AM	-20.5 Beecroft Up
RKFX	RKFX 000017	11/11/2024 9:40:00 AM	-17 Beecroft Up
RKFX	RKFX 000037	11/11/2024 9:40:00 AM	-16.3 Beecroft Up
RKFX	RKFX 000038	11/11/2024 9:40:00 AM	-16 Beecroft Up
RKWY	RKWY 000029	11/11/2024 9:40:00 AM	-25.7 Beecroft Up
RKWY	RKWY 000029	11/11/2024 9:40:00 AM	-19.4 Beecroft Up
RKWY	RKWY 002141	11/11/2024 9:40:00 AM	-19.6 Beecroft Up
RRYY	RRYY 000038	12/11/2024 12:41:00 PM	-21.6 Beecroft Up
RQCY	RQCY 000957	14/11/2024 9:42:00 AM	-22.9 Beecroft Up
RQCY	RQCY 000957	14/11/2024 9:42:00 AM	-16.6 Beecroft Up
RKFX	RKFX 000004	15/11/2024 10:28:00 AM	-22.4 Beecroft Up
RKFX	RKFX 000004	15/11/2024 10:28:00 AM	-16.3 Beecroft Up
RKFX	RKFX 000015	15/11/2024 10:28:00 AM	-15.4 Beecroft Up
RKFX	RKFX 000017	15/11/2024 10:28:00 AM	-21.4 Beecroft Up
RKFX	RKFX 000021	15/11/2024 10:28:00 AM	-23.6 Beecroft Up
RKFX	RKFX 000021	15/11/2024 10:28:00 AM	-16 Beecroft Up
RKFX	RKFX 000026	15/11/2024 10:28:00 AM	-16.8 Beecroft Up
RKFX	RKFX 000029	15/11/2024 10:28:00 AM	-25.7 Beecroft Up
RKFX	RKFX 000029	15/11/2024 10:28:00 AM	-18.9 Beecroft Up
RKFX	RKFX 000039	15/11/2024 10:28:00 AM	-21.3 Beecroft Up
RKFX	RKFX 000039	15/11/2024 10:28:00 AM	-15.1 Beecroft Up
RKWY	RKWY 000027	15/11/2024 10:28:00 AM	-25.8 Beecroft Up
RKWY	RKWY 000027	15/11/2024 10:28:00 AM	-20.6 Beecroft Up
RKWY	RKWY 002542	15/11/2024 10:28:00 AM	-34.3 Beecroft Up
RKWY	RKWY 002542	15/11/2024 10:28:00 AM	-28.6 Beecroft Up
RKWY	RKWY 004053	15/11/2024 10:28:00 AM	-20.6 Beecroft Up
RKWY	RKWY 004087	15/11/2024 10:28:00 AM	-30.1 Beecroft Up
RKWY	RKWY 004087	15/11/2024 10:28:00 AM	-23.9 Beecroft Up
RKWY	RKWY 004166	15/11/2024 10:28:00 AM	-24.6 Beecroft Up
RKWY	RKWY 004166	15/11/2024 10:28:00 AM	-16.6 Beecroft Up
CQWY	CQWY 005016	17/11/2024 12:10:00 PM	-20.4 Beecroft Up
CQWY	CQWY 005016	17/11/2024 12:10:00 PM	-16.8 Beecroft Up
CQWY	CQWY 005037	20/11/2024 1:12:00 PM	-26.2 Beecroft Up
CQWY	CQWY 005037	20/11/2024 1:12:00 PM	-20.8 Beecroft Up
CQWY	CQWY 005012	21/11/2024 12:11:00 PM	-15.9 Beecroft Up
CQWY	CQWY 005016	21/11/2024 12:11:00 PM	-17.2 Beecroft Up
CQWY	CQWY 005055	22/11/2024 2:40:00 PM	-15.7 Beecroft Up
CQWY	CQWY 005037	24/11/2024 12:12:00 PM	-16.8 Beecroft Up
CQWY	CQWY 005041	24/11/2024 8:00:00 PM	-15.4 Beecroft Up
RRYY	RRYY 000047	26/11/2024 11:52:00 AM	-17.2 Beecroft Up
CQWY	CQWY 005010	27/11/2024 2:12:00 PM	-18.5 Beecroft Up
CQWY	CQWY 005037	28/11/2024 12:12:00 PM	-23 Beecroft Up
CQWY	CQWY 005037	28/11/2024 12:12:00 PM	-17.2 Beecroft Up
CQWY	CQWY 005047	28/11/2024 12:12:00 PM	-20.5 Beecroft Up
CQWY	CQWY 005047	28/11/2024 12:12:00 PM	-19.9 Beecroft Up
CQWY	CQWY 005047	28/11/2024 12:12:00 PM	17.8 Beecroft Up
CQWY	CQWY 005047	28/11/2024 12:12:00 PM	18.4 Beecroft Up
RRYY	RRYY 000013	28/11/2024 12:12:00 PM	-24.2 Beecroft Up
RRYY	RRYY 000013	28/11/2024 12:12:00 PM	-16.8 Beecroft Up
CQWY	CQWY 005005	28/11/2024 9:16:00 PM	-22.9 Beecroft Up
CQWY	CQWY 005005	28/11/2024 9:16:00 PM	-21.8 Beecroft Up
CQWY	CQWY 005005	28/11/2024 9:16:00 PM	-16.7 Beecroft Up
CQWY	CQWY 005012	29/11/2024 1:16:00 PM	-25.1 Beecroft Up
CQWY	CQWY 005012	29/11/2024 1:16:00 PM	-19.5 Beecroft Up
CQWY	CQWY 005012	29/11/2024 1:16:00 PM	-15.2 Beecroft Up
CQEY	CQEY 000209	30/11/2024 1:46:00 AM	-20 Beecroft Up
RRYY	RRYY 000047	30/11/2024 4:11:00 PM	-15.9 Beecroft Up
RKWY	RKWY 000007	02/12/2024 10:11:00 AM	-25.5 Beecroft Up
RKWY	RKWY 000020	02/12/2024 10:11:00 AM	-37.2 Beecroft Up

RKWY	RKWY 000020	02/12/2024	10:11:00 AM	-31.2	Beecroft Up
RKWY	RKWY 000029	02/12/2024	10:11:00 AM	-25	Beecroft Up
RKWY	RKWY 000029	02/12/2024	10:11:00 AM	-18.7	Beecroft Up
RKWY	RKWY 002328	02/12/2024	10:11:00 AM	-25.4	Beecroft Up
RKWY	RKWY 002328	02/12/2024	10:11:00 AM	-18.4	Beecroft Up
RRKY	RRKY 002754	02/12/2024	10:11:00 AM	-16.5	Beecroft Up
RRYY	RRYY 000013	03/12/2024	11:43:00 AM	-19.2	Beecroft Up
RRYY	RRYY 000047	04/12/2024	12:12:00 PM	-20.4	Beecroft Up
CQWY	CQWY 005037	04/12/2024	2:10:00 PM	-26.6	Beecroft Up
CQWY	CQWY 005037	04/12/2024	2:10:00 PM	-21.3	Beecroft Up
RRYY	RRYY 000013	07/12/2024	3:58:00 PM	-25.9	Beecroft Up
RRYY	RRYY 000013	07/12/2024	3:58:00 PM	-19.2	Beecroft Up
CQWY	CQWY 005018	08/12/2024	12:41:00 PM	-21	Beecroft Up
CQWY	CQWY 005018	08/12/2024	12:41:00 PM	-17.3	Beecroft Up
RQTY	RQTY 000032	08/12/2024	12:41:00 PM	-19.2	Beecroft Up
RKWY	RKWY 004053	10/12/2024	10:12:00 AM	-20	Beecroft Up
RRYY	RRYY 000013	13/12/2024	1:45:00 PM	-17.4	Beecroft Up
CQWY	CQWY 005047	15/12/2024	9:11:00 PM	-15.8	Beecroft Up
CQWY	CQWY 005018	16/12/2024	11:10:00 AM	-18.5	Beecroft Up
CQWY	CQWY 005018	16/12/2024	11:10:00 AM	-17.4	Beecroft Up
CQGY	CQGY 000548	17/12/2024	9:40:00 AM	-17.5	Beecroft Up
RRYY	RRYY 000013	17/12/2024	2:45:00 PM	-23.8	Beecroft Up
RRYY	RRYY 000013	17/12/2024	2:45:00 PM	-17.4	Beecroft Up
CQWY	CQWY 005005	17/12/2024	7:13:00 PM	-34.4	Beecroft Up
CQWY	CQWY 005005	17/12/2024	7:13:00 PM	-30.5	Beecroft Up
CQWY	CQWY 005005	17/12/2024	7:13:00 PM	-28.1	Beecroft Up
CQWY	CQWY 005005	17/12/2024	7:13:00 PM	-22.2	Beecroft Up
RQTY	RQTY 000032	19/12/2024	9:45:00 AM	-24.1	Beecroft Up
RQTY	RQTY 000032	19/12/2024	9:45:00 AM	-17.3	Beecroft Up
CQWY	CQWY 005059	19/12/2024	1:26:00 PM	-18	Beecroft Up
CQWY	CQWY 005018	20/12/2024	12:41:00 PM	-17.2	Beecroft Up
CQWY	CQWY 005010	20/12/2024	2:47:00 PM	-15.7	Beecroft Up
RRYY	RRYY 000013	21/12/2024	11:41:00 AM	-22.6	Beecroft Up
RRYY	RRYY 000013	21/12/2024	11:41:00 AM	-17.7	Beecroft Up
RRYY	RRYY 000042	21/12/2024	3:28:00 PM	-19.7	Beecroft Up
RRYY	RRYY 000042	21/12/2024	3:28:00 PM	-16.2	Beecroft Up
CQWY	CQWY 005012	28/12/2024	11:41:00 AM	-19.9	Beecroft Up
RQTY	RQTY 000012	29/12/2024	12:55:00 PM	-26.1	Beecroft Up
RQTY	RQTY 000012	29/12/2024	12:55:00 PM	-19.7	Beecroft Up
RRYY	RRYY 000009	29/12/2024	12:55:00 PM	-18.2	Beecroft Up
RRYY	RRYY 000042	29/12/2024	12:55:00 PM	-27.2	Beecroft Up
RRYY	RRYY 000042	29/12/2024	12:55:00 PM	-22.1	Beecroft Up
RRYY	RRYY 000042	29/12/2024	12:55:00 PM	-20.6	Beecroft Up
RRYY	RRYY 000042	29/12/2024	12:55:00 PM	-16	Beecroft Up

Sheet 4. Post Rectification Exceedances on 2024 data

Wagon ID	Wagon Class	Total Axle Count for reporting period	Total Number of Axles Exceeding 15mrad Criteria in T HR RS 00400 ST Section 2.7.1	Max abs(AoA)	Percentage of Axles Exceeding 15mrad Criteria in T HR RS 00400 ST Section 2.7.1	Bogie Type	Rectified Wagon (Y/N)	Rectification Date (Approx)	Exceedance recorded during 2023 - Post rectification	Comment Re Exceedance Post rectification	Rectification Work Order Status
RKWY 000001	RKWY	20	4	38.2	20.00%	70T Ride Control	Y	13/08/2024	-	-	Completed
RKWY 000002	RKWY	32	5	32	15.60%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 000003	RKWY	44	8	34.2	18.20%	70T Ride Control	Y	5/11/2024	-	-	Completed
RKWY 000005	RKWY	12	4	40.2	33.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 000006	RKWY	12	1	19.4	8.30%	70T Barber	Y	27/08/2024	2/09/2024	Bedding in period - more wagon passes required to determine performance	Completed
RKWY 000007	RKWY	48	12	41.7	25.00%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 000017	RKWY	24	12	39.7	50.00%	70T Ride Control	Y	20/11/2024	-	-	Completed
RKWY 000019	RKWY	8	3	33.4	37.50%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 000020	RKWY	28	6	39.9	21.40%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 000027	RKWY	24	5	27	20.80%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 000029	RKWY	40	4	25.7	10.00%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 000030	RKWY	24	8	32.7	33.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 001976	RKWY	20	3	33.9	15.00%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 001979	RKWY	32	6	31.7	18.80%	70T Barber	Y	15/06/2024	-	-	Completed
RKWY 002141	RKWY	32	4	31.9	12.50%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002154	RKWY	40	6	29.5	15.00%	70T Barber or Ride Cont	Y	23/01/2025	-	-	Completed
RKWY 002270	RKWY	32	2	18.1	6.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002271	RKWY	20	10	36.2	50.00%	70T Ride Control	Y	24/09/2024	-	-	Completed
RKWY 002281	RKWY	36	1	19.7	2.80%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002289	RKWY	24	11	34.5	45.80%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002328	RKWY	24	8	35.3	33.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002333	RKWY	28	4	22.6	14.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002515	RKWY	32	6	28.2	18.80%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002534	RKWY	40	12	39.2	30.00%	70T Ride Control	Y	4/12/2024	-	-	Completed
RKWY 002542	RKWY	24	3	34.3	12.50%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002565	RKWY	4	1	20.6	25.00%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002616	RKWY	32	10	34.8	31.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002618	RKWY	24	2	17.4	8.30%	70T Ride Control	Y	17/09/2024	-	-	Completed
RKWY 002646	RKWY	28	2	31.6	7.10%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002647	RKWY	32	9	33.2	28.10%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002854	RKWY	24	2	20.2	8.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002866	RKWY	28	3	34.2	10.70%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002869	RKWY	24	4	24.2	16.70%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002871	RKWY	28	2	24	7.10%	70T Ride Control	Y	20/11/2024	-	-	Completed
RKWY 002872	RKWY	40	2	19.1	5.00%	70T Barber	Y	7/06/2024	-	-	Completed
RKWY 002875	RKWY	36	4	32.5	11.10%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002891	RKWY	28	5	27.2	17.90%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002919	RKWY	32	4	20.9	12.50%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002921	RKWY	40	1	27	2.50%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002925	RKWY	16	2	23.7	12.50%	70T Ride Control	Y	29/10/2024	-	-	Completed
RKWY 002933	RKWY	28	2	27.6	7.10%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002945	RKWY	28	11	36.7	39.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002969	RKWY	20	2	23.9	10.00%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002987	RKWY	16	16	41.9	100.00%	70T Barber or Ride Cont	N	-	-	-	Scheduled 31/3/2025
RKWY 002996	RKWY	8	2	24.4	25.00%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 002998	RKWY	4	2	29	50.00%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 003009	RKWY	24	2	25.9	8.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 003011	RKWY	16	1	16	6.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 004001	RKWY	20	8	38.8	40.00%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 004007	RKWY	28	2	15.3	7.10%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 004013	RKWY	32	1	20	3.10%	70t RC	Y	10/12/2022	30/07/2024	Demonstrating 99% performance since rectification 76 passes	Completed
RKWY 004015	RKWY	36	3	33.1	8.30%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 004016	RKWY	16	3	28.7	18.80%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled
RKWY 004017	RKWY	32	1	21.2	3.10%	70T Barber or Ride Cont	N	-	-	-	Waiting to be Scheduled





## Sheet 5. Cumulative Rectified Wagons

Wagon Class	Wagon ID	Modification	Modification Date
<i>EPL21364 R4.2d(ii)</i>	<i>EPL21364 R4.2d(i)</i>	<i>EPL21364 R4.2d(iii)</i>	<i>EPL21364 R4.2d(iii)</i>
RKWY	RKWY004065	Polymer centre liners and Amsted split wedges	28/03/2014
RKWY	RKWY002909	Polymer centre liners and RIS split wedges	1/12/2017
RKWY	RKWY004021	Polymer centre liners and RIS split wedges	6/03/2018
RKWY	RKWY002304	Polymer centre liners and XXX split wedges	1/02/2019
RKWY	RKWY002857	Polymer centre liners and Wabtec split wedges	25/02/2019
RKWY	RKWY004153	Polymer centre liners and RIS split wedges	25/02/2019
RKWY	RKWY002176	Polymer centre liners and XXX split wedges	1/05/2019
RKWY	RKWY002158	Polymer centre liners and XXX split wedges	1/07/2019
RKWY	RKWY004178	Stiffer control springs (2166/2167) and Polymer centre liners	1/08/2019
RKWY	RKWY002147	Stiffer control springs (2166/2167) and Polymer centre liners	1/08/2019
RKWY	RKWY000021	Stiffer control springs (2166/2167) and Polymer centre liners	1/08/2019
RKWY	RKWY000031	Polymer centre liners and XXX split wedges	1/09/2019
RKWY	RKWY002980	Polymer centre liners and XXX split wedges	4/11/2019
RKWY	RKWY004135	Polymer centre liners and XXX split wedges	4/11/2019
RKWY	RKWY001984	Polymer centre liners and XXX split wedges	10/01/2020
RKWY	RKWY004108	Polymer centre liners and XXX split wedges	20/01/2020
RKWY	RKWY004098	Polymer centre liners and XXX split wedges	20/01/2020
RKWY	RKWY000023	Polymer centre liners and XXX split wedges	1/02/2020
RKWY	RKWY002156	Polymer centre liners and XXX split wedges	1/02/2020
RKWY	RKWY004044	Polymer centre liners and XXX split wedges	1/03/2020
RKWY	RKWY002522	Polymer centre liners and XXX split wedges	1/04/2020
RKWY	RKWY004030	Polymer centre liners and XXX split wedges	20/05/2020
RKWY	RKWY004023	Polymer centre liners and XXX split wedges	20/05/2020
RKWY	RKWY002523	Polymer centre liners and XXX split wedges	20/05/2020
RKWY	RKWY002287	Polymer centre liners, XXX split wedges and 5400 lbs CCSB preload	20/12/2020
RKMY	RKMY000070	1-10016 control springs and Polymer centre liners	1/05/2021
RKMY	RKMY000277	1-10016 control springs and Polymer centre liners	1/05/2021
RKWY	RKWY004194	Polymer centre liners, XXX split wedges and 5400 lbs CCSB preload	1/07/2021
RKWY	RKWY002283	Stiffer control springs (2166/2167) and Polymer centre liners	12/08/2021
RKWY	RKWY004006	Stiffer control springs (2166/2167) and Polymer centre liners	17/08/2021
VQCY	VQCY000854	1-10016 control springs and Polymer centre liners	27/09/2021
RKWY	RKWY000016	Polymer centre liners and split wedges for the Barber bogie; Stiffer co	1/10/2021
VQCY	VQCY000563	1-10016 control springs and Polymer centre liners	15/11/2021
VQCY	VQCY000842	1-10016 control springs and Polymer centre liners Narrow Wedge SSR	30/03/2022
RKWY	RKWY002564	Stiffer control springs (2166/2167) and Polymer centre liners	8/04/2022
RKWY	RKWY002626	Stiffer control springs (2166/2167) and Polymer centre liners	29/04/2022
RKWY	RKWY002879	Stiffer control springs (2166/2167) and Polymer centre liners	29/04/2022
RQCY	RQCY000888	1-10016 control springs and Polymer centre liners	29/04/2022
RQCY	RQCY000863	1-10016 control springs and Polymer centre liners	17/05/2022
VQCY	VQCY000825	1-10016 control springs and Polymer centre liners	14/06/2022
RKWY	RKWY002612	Polymer centre liners and XXX split wedges (5400 lbs CCSB preload sir	11/07/2022
VQCY	VQCY000751	1-10016 control springs and Polymer centre liners Narrow Wedge SSR	21/07/2022
RRYY	RRYY000035	Stiffer control springs (2166/2167) and Polymer centre liners Narrow	29/08/2022
RRYY	RRYY000046	Stiffer control springs (2166/2167) and Polymer centre liners Narrow	19/09/2022
RKWY	RKWY002973	Polymer centre liners and XXX split wedges (with pocket mods)	10/10/2022
RKWY	RKWY002985	Stiffer control springs (2166/2167) and Polymer centre liners	10/10/2022
RKWY	RKWY004013	Stiffer control springs (2166/2167) and Polymer centre liners	10/12/2022
VQCY	VQCY000550	1-10016 control springs and Polymer centre liners (with pocket mods	10/12/2022
RKWY	RKWY002941	Polymer centre liners and split wedges	14/03/2023
RKWY	RKWY002844	Stiffer control springs (2166/2167) and Polymer centre liners	14/03/2023
RKWY	RKWY004005	Polymer centre liners and split wedges	14/03/2023
RKBY	RKBY020411	Stiffer control springs (2166/2167) and Polymer centre liners	28/03/2023
RQCY	RQCY000793	1-10016 control springs and Polymer centre liners	10/04/2023
VQTY	VQTY000930	Stiffer control springs (2166/2167) and Polymer centre liners	16/04/2023
VQTY	VQTY000974	Stiffer control springs (2166/2167) and Polymer centre liners	18/04/2023
RKCX	RKCX004003	1-10016 control springs and Polymer centre liners	22/05/2023
RQTY	RQTY000627	Stiffer control springs (2166/2167) and Polymer centre liners	25/05/2023
RQTY	RQTY000675	Stiffer control springs (2166/2167) and Polymer centre liners	28/05/2023
RKKY	RKKY007312	Stiffer control springs (2166/2167) and Polymer centre liners	10/06/2023
RRYY	RRYY000052	Stiffer control springs (2166/2167) and Polymer centre liners	28/06/2023
rkby	rkby020544	Stiffer control springs (2166/2167) and Polymer centre liners	15/07/2023

rqty	rqty000009	Stiffer control springs (2166/2167) and Polymer centre liners	31/07/2023
rqcy	rqcy000991	1-10016 control springs and Polymer centre liners	6/08/2023
rqcy	rqcy000847	1-10016 control springs and Polymer centre liners	8/08/2023
rkby	rkby020416	Stiffer control springs (2166/2167) and Polymer centre liners	9/08/2023
rkfx	rkfx000051	1-10016 control springs and Polymer centre liners	18/08/2023
rryy	rryy000023	Stiffer control springs (2166/2167) and Polymer centre liners	23/08/2023
rqty	rqty000037	Stiffer control springs (2166/2167) and Polymer centre liners	26/08/2023
rkfx	rkfx000032	1-10016 control springs and Polymer centre liners	29/08/2023
rqty	rqty000579	Stiffer control springs (2166/2167) and Polymer centre liners	7/09/2023
rryy	rryy000025	Stiffer control springs (2166/2167) and Polymer centre liners	7/09/2023
rqty	rqty000674	Stiffer control springs (2166/2167) and Polymer centre liners	10/09/2023
RKWW	RKWW002514	Stiffer control springs (2166/2167) and Polymer centre liners	14/09/2023
rkfx	rkfx000034	1-10016 control springs and Polymer centre liners	16/09/2023
rkky	rkky007332	Stiffer control springs (2166/2167) and Polymer centre liners	19/09/2023
rkfx	rkfx000007	1-10016 control springs and Polymer centre liners	20/09/2023
rkky	rkky007349	Stiffer control springs (2166/2167) and Polymer centre liners	22/09/2023
rryy	rryy000051	Stiffer control springs (2166/2167) and Polymer centre liners	22/09/2023
rkby	rkby020386	Stiffer control springs (2166/2167) and Polymer centre liners	26/09/2023
vqty	vqty000765	Stiffer control springs (2166/2167) and Polymer centre liners	26/09/2023
rkby	rkby020524	Stiffer control springs (2166/2167) and Polymer centre liners	29/09/2023
vqty	vqty000518	Stiffer control springs (2166/2167) and Polymer centre liners	3/10/2023
vqcy	vqcy000624	1-10016 control springs and Polymer centre liners	9/10/2023
rryy	rryy000005	Stiffer control springs (2166/2167) and Polymer centre liners	12/10/2023
rqcy	rqcy000996	1-10016 control springs and Polymer centre liners	19/10/2023
rkfx	rkfx000018	1-10016 control springs and Polymer centre liners	27/10/2023
rryy	rryy000004	Stiffer control springs (2166/2167) and Polymer centre liners	2/11/2023
rqty	rqty000570	Stiffer control springs (2166/2167) and Polymer centre liners	3/11/2023
rkwy	rkwy002557	Polymer centre liners and XXX split wedges	6/11/2023
rkby	rkby020367	Stiffer control springs (2166/2167) and Polymer centre liners	7/11/2023
rkfx	rkfx000026	1-10016 control springs and Polymer centre liners	15/11/2023
rkby	rkby020419	Polymer centre liners and XXX split wedges	16/11/2023
rryy	rryy000034	Stiffer control springs (2166/2167) and Polymer centre liners	17/11/2023
rqcy	rqcy000990	1-10016 control springs and Polymer centre liners	27/11/2023
rqty	rqty000538	Stiffer control springs (2166/2167) and Polymer centre liners	29/11/2023
rrky	rrky002019	1-10016 control springs and Polymer centre liners	29/11/2023
rkby	rkby020596	Polymer centre liners and XXX split wedges	1/12/2023
rqty	rqty000590	Stiffer control springs (2166/2167) and Polymer centre liners	3/12/2023
cqwy	cqwy005014	Stiffer control springs (2166/2167) and Polymer centre liners	4/12/2023
rkby	rkby020420	Stiffer control springs (2166/2167) and Polymer centre liners	4/12/2023
vqcy	vqcy000718	1-10016 control springs and Polymer centre liners	5/12/2023
rryy	rryy000039	Stiffer control springs (2166/2167) and Polymer centre liners	7/12/2023
rkwy	rkwy000008	Polymer centre liners and XXX split wedges	8/12/2023
rqcy	rqcy000701	1-10016 control springs and Polymer centre liners	9/12/2023
rkky	rkky007374	Stiffer control springs (2166/2167) and Polymer centre liners	18/12/2023
cqwy	cqwy005020	Stiffer control springs (2166/2167) and Polymer centre liners	19/12/2023
cqwy	cqwy005009	Stiffer control springs (2166/2167) and Polymer centre liners	20/12/2023
rkfx	rkfx000041	1-10016 control springs and Polymer centre liners	8/01/2024
rkky	rkky007345	Stiffer control springs (2166/2167) and Polymer centre liners	8/01/2024
rryy	rryy000049	Stiffer control springs (2166/2167) and Polymer centre liners	18/01/2024
rryy	rryy000040	Stiffer control springs (2166/2167) and Polymer centre liners	19/01/2024
cqwy	cqwy005048	Stiffer control springs (2166/2167) and Polymer centre liners	24/01/2024
rkwy	rkwy004146	Polymer centre liners and XXX split wedges	3/02/2024
rqcy	rqcy000703	1-10016 control springs and Polymer centre liners	3/02/2024
RRKY	RRKY03041Q	1-10016 control springs and Polymer centre liners	6/02/2024
RKKY	RKKY07311A	Stiffer control springs (2166/2167) and Polymer centre liners	8/02/2024
RKBY	RKBY20381U	Stiffer control springs (2166/2167) and Polymer centre liners	9/02/2024
RRYY	RRYY00010H	Stiffer control springs (2166/2167) and Polymer centre liners	9/02/2024
RQTY	RQTY00059L	Stiffer control springs (2166/2167) and Polymer centre liners	10/02/2024
RQTY	RQTY00016V	Stiffer control springs (2166/2167) and Polymer centre liners	10/02/2024
RQCY	RQCY00992P	1-10016 control springs and Polymer centre liners	18/02/2024
RQTY	RQTY00007W	Stiffer control springs (2166/2167) and Polymer centre liners	18/02/2024
RKFX	RKFX00047T	1-10016 control springs and Polymer centre liners	19/02/2024
RKBY	RKBY20802A	Stiffer control springs (2166/2167) and Polymer centre liners	20/02/2024
RKMY	RKMY00080N	1-10016 control springs and Polymer centre liners	21/02/2024
RKWW	RKWW00013Y	Polymer centre liners and XXX split wedges	25/02/2024
RRYY	RRYY00041R	Stiffer control springs (2166/2167) and Polymer centre liners	1/03/2024

RRYY	RRYY00014U	Stiffer control springs (2166/2167) and Polymer centre liners	1/03/2024
CQWY	CQWY05040P	Stiffer control springs (2166/2167) and Polymer centre liners	1/03/2024
CQWY	CQWY05011A	Stiffer control springs (2166/2167) and Polymer centre liners	1/03/2024
RKWY	RKWY03008A	Polymer centre liners and XXX split wedges	6/03/2024
RKBY	RKBY20465B	Polymer centre liners and XXX split wedges	13/03/2024
RQTY	RQTY00070P	Stiffer control springs (2166/2167) and Polymer centre liners	16/03/2024
VQTY	VQTY00614D	Stiffer control springs (2166/2167) and Polymer centre liners	18/03/2024
RKBY	RKBY20352F	Stiffer control springs (2166/2167) and Polymer centre liners	19/03/2024
VQCY	VQCY00958S	1-10016 control springs and Polymer centre liners	23/03/2024
VQCY	VQCY00736Q	1-10016 control springs and Polymer centre liners	23/03/2024
RKWY	RKWY04197H	Polymer centre liners and XXX split wedges	25/03/2024
RKFX	RKFX00043G	1-10016 control springs and Polymer centre liners	25/03/2024
VQCY	VQCY000949	1-10016 control springs and Polymer centre liners	1/04/2024
VQCY	VQCY000873	1-10016 control springs and Polymer centre liners	1/04/2024
CQWY	CQWY05034U	Stiffer control springs (2166/2167) and Polymer centre liners	2/04/2024
RKWY	RKWY02550U	Polymer centre liners and XXX split wedges	3/04/2024
VQTY	VQTY00877A	Stiffer control springs (2166/2167) and Polymer centre liners	7/04/2024
RRKY	RRKY04337U	1-10016 control springs and Polymer centre liners	8/04/2024
RQCY	RQCY00025P	1-10016 control springs and Polymer centre liners	8/04/2024
RKFX	RKFX00010B	1-10016 control springs and Polymer centre liners	16/04/2024
VQCY	VQCY00018P	1-10016 control springs and Polymer centre liners	17/04/2024
RKWY	RKWY02613W	Polymer centre liners and XXX split wedges	18/04/2024
RRYY	RRYY00006H	Stiffer control springs (2166/2167) and Polymer centre liners	19/04/2024
VQCY	VQCY00846X	1-10016 control springs and Polymer centre liners	22/04/2024
VQCY	VQCY00940H	1-10016 control springs and Polymer centre liners	22/04/2024
RQTY	RQTY00045N	Stiffer control springs (2166/2167) and Polymer centre liners	22/04/2024
RKFX	RKFX00038U	1-10016 control springs and Polymer centre liners	22/04/2024
VQCY	VQCY00772M	1-10016 control springs and Polymer centre liners	2/05/2024
VQTY	VQTY00663L	Polymer centre liners and XXX split wedges	2/05/2024
RRYY	RRYY00030A	Polymer centre liners and XXX split wedges	3/05/2024
RQTY	RQTY00567N	Polymer centre liners and XXX split wedges	9/05/2024
RQCY	RQCY00968W	1-10016 control springs and Polymer centre liners	17/05/2024
RRYY	RRYY00048L	Polymer centre liners and XXX split wedges	17/05/2024
RKFX	RKFX00056S	1-10016 control springs and Polymer centre liners	20/05/2024
RKWY	RKWY02302H	Polymer centre liners and XXX split wedges	23/05/2024
RKKY	RKKY07370Q	Polymer centre liners and XXX split wedges	24/05/2024
RQTY	RQTY00008X	Stiffer control springs (2166/2167) and Polymer centre liners	2/06/2024
CQWY	CQWY05029L	Stiffer control springs (2166/2167) and Polymer centre liners	5/06/2024
CQWY	CQWY05033L	Stiffer control springs (2166/2167) and Polymer centre liners	5/06/2024
RKWY	RKWY02872G	Polymer centre liners and XXX split wedges	7/06/2024
RRYY	RRYY00043M	Stiffer control springs (2166/2167) and Polymer centre liners	7/06/2024
RQCY	RQCY00957F	1-10016 control springs and Polymer centre liners	10/06/2024
RKWY	RKWY04022Y	Polymer centre liners and XXX split wedges	10/06/2024
RKBY	RKBY20505G	Stiffer control springs (2166/2167) and Polymer centre liners	12/06/2024
RKWY	RKWY00012F	Stiffer control springs (2166/2167) and Polymer centre liners	12/06/2024
RKWY	RKWY01979B	Polymer centre liners and XXX split wedges	15/06/2024
RKBY	RKBY20578U	Stiffer control springs (2166/2167) and Polymer centre liners	19/06/2024
RKFX	RKFX00006B	1-10016 control springs and Polymer centre liners	21/06/2024
VQCY	VQCY00962S	1-10016 control springs and Polymer centre liners	21/06/2024
RRYY	RRYY00036X	Stiffer control springs (2166/2167) and Polymer centre liners	25/06/2024
RRYY	RRYY00031J	Stiffer control springs (2166/2167) and Polymer centre liners	25/06/2024
RKBY	RKBY20398W	Stiffer control springs (2166/2167) and Polymer centre liners	28/06/2024
RKBY	RKBY20513T	Stiffer control springs (2166/2167) and Polymer centre liners	28/06/2024
RQCY	RQCY00748P	1-10016 control springs and Polymer centre liners	30/06/2024
CQWY	CQWY05007A	Stiffer control springs (2166/2167) and Polymer centre liners	16/08/2024
CQWY	CQWY05025V	Stiffer control springs (2166/2167) and Polymer centre liners	28/08/2024
CQWY	CQWY05043T	Stiffer control springs (2166/2167) and Polymer centre liners	16/08/2024
RKBY	RKBY20326R	Stiffer control springs (2166/2167) and Polymer centre liners	26/07/2024
RKBY	RKBY20469Y	Stiffer control springs (2166/2167) and Polymer centre liners	9/07/2024
RKBY	RKBY20511B	Stiffer control springs (2166/2167) and Polymer centre liners	2/08/2024
RKBY	RKBY20517J	Stiffer control springs (2166/2167) and Polymer centre liners	15/08/2024
RKBY	RKBY20533M	Stiffer control springs (2166/2167) and Polymer centre liners	1/08/2024
RKBY	RKBY20536Q	Stiffer control springs (2166/2167) and Polymer centre liners	14/07/2024
RKFX	RKFX00008T	1-10016 control springs and Polymer centre liners	30/08/2024
RKFX	RKFX00036C	1-10016 control springs and Polymer centre liners	15/08/2024
RKFX	RKFX00048F	1-10016 control springs and Polymer centre liners	10/07/2024

RKMY	RKMY20462H	1-10016 control springs and Polymer centre liners	19/07/2024
RKWY	RKWY00001L	Stiffer control springs (2166/2167) and Polymer centre liners	13/08/2024
RKWY	RKWY00006K	Polymer centre liners and XXX split wedges	27/08/2024
RKWY	RKWY00011T	Stiffer control springs (2166/2167) and Polymer centre liners	22/07/2024
RKWY	RKWY02634B	Stiffer control springs (2166/2167) and Polymer centre liners	12/07/2024
RKWY	RKWY02965J	Polymer centre liners and XXX split wedges	20/07/2024
RQCY	RQCY00681A	1-10016 control springs and Polymer centre liners	4/08/2024
RQTY	RQTY00546L	Stiffer control springs (2166/2167) and Polymer centre liners	24/08/2024
RRKY	RRKY02762P	1-10016 control springs and Polymer centre liners	19/07/2024
RRKY	RRKY04201E	1-10016 control springs and Polymer centre liners	7/07/2024
RRYY	RRYY00022K	Stiffer control springs (2166/2167) and Polymer centre liners	1/08/2024
VQCY	VQCY00616Q	1-10016 control springs and Polymer centre liners	26/07/2024
VQCY	VQCY00676S	1-10016 control springs and Polymer centre liners	19/07/2024
VQCY	VQCY00801A	1-10016 control springs and Polymer centre liners	27/07/2024
RKBY	RKBY20508K	Stiffer control springs (2166/2167) and Polymer centre liners	6/09/2024
RKMY	RKMY00057G	1-10016 control springs and Polymer centre liners	18/09/2024
RKMY	RKMY20387P	1-10016 control springs and Polymer centre liners	22/09/2024
RKWY	RKWY02271B	Stiffer control springs (2166/2167) and Polymer centre liners	24/09/2024
RKWY	RKWY02561Y	Stiffer control springs (2166/2167) and Polymer centre liners	11/09/2024
RKWY	RKWY02618V	Stiffer control springs (2166/2167) and Polymer centre liners	17/09/2024
RKWY	RKWY03015E	Polymer centre liners and XXX split wedges	9/09/2024
RKWY	RKWY04020T	Stiffer control springs (2166/2167) and Polymer centre liners	2/09/2024
RQTY	RQTY00048R	Stiffer control springs (2166/2167) and Polymer centre liners	15/09/2024
RRKY	RRKY02787H	1-10016 control springs and Polymer centre liners	27/09/2024
RRYY	RRYY00021B	Stiffer control springs 98-1-10998/98-1-10999 and Polymer centre liners	18/09/2024
RKFX	RKFX00024W	1-10016 control springs and Polymer centre liners	25/10/2024
CQWY	CQWY05002B	Stiffer control springs (2166/2167) and Polymer centre liners	2/10/2024
RRYY	RRYY00044V	Stiffer control springs (2166/2167) and Polymer centre liners	18/10/2024
CQWY	CQWY05036P	Stiffer control springs (2166/2167) and Polymer centre liners	30/10/2024
RKWY	RKWY02925A	Stiffer control springs (2166/2167) and Polymer centre liners	29/10/2024
RKWY	RKWY00003G	Stiffer control springs (2166/2167) and Polymer centre liners	5/11/2024
RKWY	RKWY00017E	Stiffer control springs (2166/2167) and Polymer centre liners	20/11/2024
CQWY	CQWY05052S	Stiffer control springs (2166/2167) and Polymer centre liners	4/11/2024
CQWY	CQWY05042K	Stiffer control springs (2166/2167) and Polymer centre liners	14/11/2024
RKFX	RKFX00014Y	1-10016 control springs and Polymer centre liners	13/11/2024
RKWY	RKWY04124Q	Stiffer control springs (2166/2167) and Polymer centre liners	8/11/2024
RRYY	RRYY00045H	Stiffer control springs (2166/2167) and Polymer centre liners	29/11/2024
RKWY	RKWY02871U	Stiffer control springs (2166/2167) and Polymer centre liners	20/11/2024
RKWY	RKWY03001G	Polymer centre liners and split wedges	29/11/2024
CQWY	CQWY05015N	Stiffer control springs (2166/2167) and Polymer centre liners	16/12/2024
CQWY	CQWY05055W	Stiffer control springs (2166/2167) and Polymer centre liners	16/12/2024
RRYY	RRYY00011Q	Stiffer control springs (2166/2167) and Polymer centre liners	6/12/2024
RQTY	RQTY00690E	Stiffer control springs (2166/2167) and Polymer centre liners	22/12/2024
RKFX	RKFX00030R	1-10016 control springs and Polymer centre liners	5/12/2024
RKWY	RKWY02534R	Stiffer control springs (2166/2167) and Polymer centre liners	4/12/2024
RKHF	RKHF20393	Wagon Decommissioned	30/01/2025
RKHF	RKHF20849	Wagon Decommissioned	30/01/2025
RKMY	RKMY00008	Wagon Decommissioned	30/01/2025
RKMY	RKMY00052	Wagon Decommissioned	30/01/2025
RKMY	RKMY00055	Wagon Decommissioned	30/01/2025
RKMY	RKMY00060	Wagon Decommissioned	30/01/2025
RKMY	RKMY00064	Wagon Decommissioned	30/01/2025
RKMY	RKMY00075	Wagon Decommissioned	30/01/2025
RKMY	RKMY00165	Wagon Decommissioned	30/01/2025
RKMY	RKMY00222	Wagon Decommissioned	30/01/2025
RKMY	RKMY00357	Wagon Decommissioned	30/01/2025
RKMY	RKMY00404	Wagon Decommissioned	30/01/2025
RKMY	RKMY00434	Wagon Decommissioned	30/01/2025
RKMY	RKMY01022	Wagon Decommissioned	30/01/2025
RKMY	RKMY01037	Wagon Decommissioned	30/01/2025
RKMY	RKMY20456	Wagon Decommissioned	30/01/2025
RKMY	RKMY20540	Wagon Decommissioned	30/01/2025
RKMY	RKMY41751	Wagon Decommissioned	30/01/2025
RQCY	RQCY00004	Wagon Decommissioned	30/01/2025
RQCY	RQCY00047	Wagon Decommissioned	30/01/2025
RQCY	RQCY00687	Wagon Decommissioned	30/01/2025



VQCY	VQCY00908	Wagon Decommissioned	30/01/2025
VQCY	VQCY00909	Wagon Decommissioned	30/01/2025
VQCY	VQCY00910	Wagon Decommissioned	30/01/2025
VQCY	VQCY00919	Wagon Decommissioned	30/01/2025
VQCY	VQCY00936	Wagon Decommissioned	30/01/2025
VQCY	VQCY00939	Wagon Decommissioned	30/01/2025
VQCY	VQCY00944	Wagon Decommissioned	30/01/2025
VQCY	VQCY00961	Wagon Decommissioned	30/01/2025
VQTY	VQTY00592	Wagon Decommissioned	30/01/2025
VQTY	VQTY00684	Wagon Decommissioned	30/01/2025
VQTY	VQTY00729	Wagon Decommissioned	30/01/2025
VQTY	VQTY00770	Wagon Decommissioned	30/01/2025
VQTY	VQTY00775	Wagon Decommissioned	30/01/2025
VQTY	VQTY00856	Wagon Decommissioned	30/01/2025
VQTY	VQTY00920	Wagon Decommissioned	30/01/2025
VQCY	VQCY00084	Wagon Decommissioned	30/01/2025
RKBY	RKBY20455Q	Wagon Decommissioned	30/01/2025
RKKY	RKKY07337B	Wagon Decommissioned	30/01/2025
RKWH	RKWH02284N	Wagon Decommissioned	30/01/2025
RQTY	RQTY00011W	Wagon Decommissioned	30/01/2025
RQTY	RQTY00540D	Wagon Decommissioned	30/01/2025
RQTY	RQTY00629G	Wagon Decommissioned	30/01/2025
RRKY	RRKY02017R	Wagon Decommissioned	30/01/2025
RRKY	RRKY02043F	Wagon Decommissioned	30/01/2025
RRYY	RRYY00001X	Wagon Decommissioned	30/01/2025
RRYY	RRYY00037R	Wagon Decommissioned	30/01/2025
RRYY	RRYY00008C	Wagon Decommissioned	30/01/2025
RKCX	RKCX00001	Wagon Decommissioned	30/01/2025
RKCX	RKCX00002	Wagon Decommissioned	30/01/2025
RKCX	RKCX00003	Wagon Decommissioned	30/01/2025
RKCX	RKCX00004	Wagon Decommissioned	30/01/2025
RKCX	RKCX00005	Wagon Decommissioned	30/01/2025
RKCX	RKCX00006	Wagon Decommissioned	30/01/2025
RKCX	RKCX00007	Wagon Decommissioned	30/01/2025
RKCX	RKCX00008	Wagon Decommissioned	30/01/2025
RKCX	RKCX00009	Wagon Decommissioned	30/01/2025
RKCX	RKCX00010	Wagon Decommissioned	30/01/2025
RKCX	RKCX00011	Wagon Decommissioned	30/01/2025
RKCX	RKCX00012	Wagon Decommissioned	30/01/2025
RKCX	RKCX00013	Wagon Decommissioned	30/01/2025
RKCX	RKCX00014	Wagon Decommissioned	30/01/2025
RKCX	RKCX00015	Wagon Decommissioned	30/01/2025
RKCX	RKCX00016	Wagon Decommissioned	30/01/2025
RKCX	RKCX00017	Wagon Decommissioned	30/01/2025
RKCX	RKCX00018	Wagon Decommissioned	30/01/2025
RKCX	RKCX00019	Wagon Decommissioned	30/01/2025
RKCX	RKCX00020	Wagon Decommissioned	30/01/2025
RKCX	RKCX00021	Wagon Decommissioned	30/01/2025
RKCX	RKCX00022	Wagon Decommissioned	30/01/2025
RKCX	RKCX00023	Wagon Decommissioned	30/01/2025
RKCX	RKCX00024	Wagon Decommissioned	30/01/2025
RKCX	RKCX00025	Wagon Decommissioned	30/01/2025
RKCX	RKCX00026	Wagon Decommissioned	30/01/2025
RKCX	RKCX00027	Wagon Decommissioned	30/01/2025
RKCX	RKCX00028	Wagon Decommissioned	30/01/2025
RKCX	RKCX00029	Wagon Decommissioned	30/01/2025
RKCX	RKCX00030	Wagon Decommissioned	30/01/2025
RKCX	RKCX00031	Wagon Decommissioned	30/01/2025
RKCX	RKCX00032	Wagon Decommissioned	30/01/2025
RKCX	RKCX00033	Wagon Decommissioned	30/01/2025
RKCX	RKCX00034	Wagon Decommissioned	30/01/2025
RKCX	RKCX00035	Wagon Decommissioned	30/01/2025
RKCX	RKCX00036	Wagon Decommissioned	30/01/2025
RKCX	RKCX00037	Wagon Decommissioned	30/01/2025
RKCX	RKCX00038	Wagon Decommissioned	30/01/2025
RKCX	RKCX00039	Wagon Decommissioned	30/01/2025





**T HR RS 00400 ST Wagon (bogie) Steering Performance - N**

**Reporting Period : 1st January, 2024 to 31th December 2024**

**Site Name: Beecroft Up**

**AoA Values: <-15mrad or >15mrad**

**Operator: Pacific National**

Wagon Class	Wagon ID	Total Axle Count for reporting period	Total Number of Axles Exceeding 15mrad Criteria in T HR RS 00400 ST Section 2.7.1
CQEY	CQEY 000201	360	1
CQEY	CQEY 000207	436	2
CQEY	CQEY 000209	112	3
CQEY	CQEY 000218	256	25
CQGY	CQGY 000548	32	6
CQWY	CQWY 005002	28	3
CQWY	CQWY 005004	48	3
CQWY	CQWY 005005	32	17
CQWY	CQWY 005008	24	1
CQWY	CQWY 005010	48	3
CQWY	CQWY 005012	56	5
CQWY	CQWY 005016	88	17
CQWY	CQWY 005018	80	9
CQWY	CQWY 005023	24	9
CQWY	CQWY 005028	52	1
CQWY	CQWY 005030	8	5
CQWY	CQWY 005031	32	5
CQWY	CQWY 005032	4	1
CQWY	CQWY 005035	16	3
CQWY	CQWY 005037	152	7
CQWY	CQWY 005039	48	2
CQWY	CQWY 005041	32	2
CQWY	CQWY 005044	16	12
CQWY	CQWY 005047	148	5
CQWY	CQWY 005054	88	21
CQWY	CQWY 005055	16	1
CQWY	CQWY 005056	32	2
CQWY	CQWY 005057	96	1
CQWY	CQWY 005059	112	4
CQWY	CQWY 005060	64	6
RKBY	RKBY 020215	16	2
RKBY	RKBY 020398	4	1



RKBY	RKBY 020461	4	1
RKFX	RKFX 000004	32	6
RKFX	RKFX 000006	12	1
RKFX	RKFX 000009	36	6
RKFX	RKFX 000011	16	7
RKFX	RKFX 000013	32	6
RKFX	RKFX 000015	36	8
RKFX	RKFX 000016	24	3
RKFX	RKFX 000017	16	5
RKFX	RKFX 000019	40	3
RKFX	RKFX 000021	36	21
RKFX	RKFX 000022	20	1
RKFX	RKFX 000023	32	10
RKFX	RKFX 000024	24	2
RKFX	RKFX 000025	44	10
RKFX	RKFX 000026	40	3
RKFX	RKFX 000029	16	6
RKFX	RKFX 000030	16	5
RKFX	RKFX 000037	44	11
RKFX	RKFX 000038	28	1
RKFX	RKFX 000039	32	6
RKFX	RKFX 000040	20	6
RKFX	RKFX 000042	28	5
RKFX	RKFX 000044	32	3
RKFX	RKFX 000045	4	1
RKFX	RKFX 000049	16	3
RKFX	RKFX 000050	16	1
RKFX	RKFX 000052	36	1
RKFX	RKFX 000053	32	5
RKFX	RKFX 000054	36	2
RKFX	RKFX 000055	32	2
RKFX	RKFX 000058	32	11
RKKY	RKKY 007313	72	3
RKKY	RKKY 007314	84	1
RKKY	RKKY 007336	36	5
RKKY	RKKY 007375	48	1
RKMY	RKMY 000030	20	1
RKMY	RKMY 000051	40	5
RKMY	RKMY 000052	20	1
RKMY	RKMY 000061	36	1
RKMY	RKMY 000072	32	3
RKMY	RKMY 000080	16	2
RKMY	RKMY 000117	20	3
RKMY	RKMY 000139	28	2
RKMY	RKMY 000222	44	1
RKMY	RKMY 020387	48	3
RKMY	RKMY 020415	16	1
RKMY	RKMY 020540	24	3
RKWY	RKWY 000001	20	4
RKWY	RKWY 000002	32	5

RKWY	RKWY 000003	44	8
RKWY	RKWY 000005	12	4
RKWY	RKWY 000006	12	1
RKWY	RKWY 000007	48	12
RKWY	RKWY 000017	24	12
RKWY	RKWY 000019	8	3
RKWY	RKWY 000020	28	6
RKWY	RKWY 000027	24	5
RKWY	RKWY 000029	40	4
RKWY	RKWY 000030	24	8
RKWY	RKWY 001976	20	3
RKWY	RKWY 001979	32	6
RKWY	RKWY 002141	32	4
RKWY	RKWY 002154	40	6
RKWY	RKWY 002270	32	2
RKWY	RKWY 002271	20	10
RKWY	RKWY 002281	36	1
RKWY	RKWY 002289	24	11
RKWY	RKWY 002328	24	8
RKWY	RKWY 002333	28	4
RKWY	RKWY 002515	32	6
RKWY	RKWY 002534	40	12
RKWY	RKWY 002542	24	3
RKWY	RKWY 002565	4	1
RKWY	RKWY 002616	32	10
RKWY	RKWY 002618	24	2
RKWY	RKWY 002646	28	2
RKWY	RKWY 002647	32	9
RKWY	RKWY 002854	24	2
RKWY	RKWY 002866	28	3
RKWY	RKWY 002869	24	4
RKWY	RKWY 002871	28	2
RKWY	RKWY 002872	40	2
RKWY	RKWY 002875	36	4
RKWY	RKWY 002891	28	5
RKWY	RKWY 002919	32	4
RKWY	RKWY 002921	40	1
RKWY	RKWY 002925	16	2
RKWY	RKWY 002933	28	2
RKWY	RKWY 002945	28	11
RKWY	RKWY 002969	20	2
RKWY	RKWY 002987	16	16
RKWY	RKWY 002996	8	2
RKWY	RKWY 002998	4	2
RKWY	RKWY 003009	24	2
RKWY	RKWY 003011	16	1
RKWY	RKWY 004001	20	8
RKWY	RKWY 004007	28	2
RKWY	RKWY 004013	32	1
RKWY	RKWY 004015	36	3

RKWY	RKWY 004016	16	3
RKWY	RKWY 004017	32	1
RKWY	RKWY 004019	36	4
RKWY	RKWY 004026	20	1
RKWY	RKWY 004027	20	2
RKWY	RKWY 004040	32	2
RKWY	RKWY 004047	44	9
RKWY	RKWY 004051	36	10
RKWY	RKWY 004053	40	10
RKWY	RKWY 004063	32	3
RKWY	RKWY 004067	20	1
RKWY	RKWY 004071	12	4
RKWY	RKWY 004080	32	3
RKWY	RKWY 004085	28	10
RKWY	RKWY 004087	20	11
RKWY	RKWY 004089	36	10
RKWY	RKWY 004107	20	5
RKWY	RKWY 004113	68	18
RKWY	RKWY 004118	28	2
RKWY	RKWY 004124	24	7
RKWY	RKWY 004133	24	14
RKWY	RKWY 004156	12	6
RKWY	RKWY 004166	36	7
RKWY	RKWY 004171	44	10
RQCY	RQCY 000004	8	1
RQCY	RQCY 000047	36	6
RQCY	RQCY 000687	40	3
RQCY	RQCY 000739	24	1
RQCY	RQCY 000753	44	15
RQCY	RQCY 000784	76	10
RQCY	RQCY 000785	56	2
RQCY	RQCY 000793	44	2
RQCY	RQCY 000810	32	1
RQCY	RQCY 000840	32	12
RQCY	RQCY 000884	28	3
RQCY	RQCY 000906	32	6
RQCY	RQCY 000912	60	7
RQCY	RQCY 000957	44	6
RQCY	RQCY 000968	40	7
RQCY	RQCY 000987	40	3
RQCY	RQCY 000988	24	3
RQCY	RQCY 000989	52	3
RQCY	RQCY 001002	24	7
RQCY	RQCY 001005	24	7
RQCY	RQCY 001007	16	2
RQTY	RQTY 000012	32	2
RQTY	RQTY 000015	64	1
RQTY	RQTY 000026	84	1
RQTY	RQTY 000032	68	5
RQTY	RQTY 000054	24	3

RQTY	RQTY 000062	8	2
RQTY	RQTY 000690	80	1
RRKY	RRKY 002054	24	1
RRKY	RRKY 002754	44	2
RRKY	RRKY 002762	36	4
RRKY	RRKY 002778	48	2
RRKY	RRKY 004201	16	2
RRKY	RRKY 004337	64	6
RRKY	RRKY 004338	16	1
RRYY	RRYY 000002	132	1
RRYY	RRYY 000004	48	1
RRYY	RRYY 000007	84	1
RRYY	RRYY 000009	60	1
RRYY	RRYY 000011	84	1
RRYY	RRYY 000012	120	2
RRYY	RRYY 000013	192	23
RRYY	RRYY 000018	108	1
RRYY	RRYY 000019	108	4
RRYY	RRYY 000020	60	1
RRYY	RRYY 000024	96	2
RRYY	RRYY 000027	240	4
RRYY	RRYY 000029	228	12
RRYY	RRYY 000038	108	2
RRYY	RRYY 000042	84	8
RRYY	RRYY 000047	192	7
VQCY	VQCY 000517	20	3
VQCY	VQCY 000520	28	1
VQCY	VQCY 000576	28	7
VQCY	VQCY 000608	16	9
VQCY	VQCY 000609	100	18
VQCY	VQCY 000611	12	4
VQCY	VQCY 000616	24	1
VQCY	VQCY 000653	12	1
VQCY	VQCY 000660	28	1
VQCY	VQCY 000672	112	1
VQCY	VQCY 000692	12	1
VQCY	VQCY 000718	32	3
VQCY	VQCY 000720	32	10
VQCY	VQCY 000735	8	1
VQCY	VQCY 000744	24	2
VQCY	VQCY 000790	8	1
VQCY	VQCY 000797	16	1
VQCY	VQCY 000801	40	11
VQCY	VQCY 000818	28	17
VQCY	VQCY 000821	4	1
VQCY	VQCY 000822	24	3
VQCY	VQCY 000844	32	2
VQCY	VQCY 000846	64	17
VQCY	VQCY 000861	20	3
VQCY	VQCY 000874	8	2

VQCY	VQCY 000881	40	1
VQCY	VQCY 000886	36	14
VQCY	VQCY 000887	48	8
VQCY	VQCY 000891	28	2
VQCY	VQCY 000908	60	11
VQCY	VQCY 000909	32	7
VQCY	VQCY 000910	48	3
VQCY	VQCY 000919	32	2
VQCY	VQCY 000939	28	1
VQCY	VQCY 000940	24	4
VQCY	VQCY 000944	16	3
VQCY	VQCY 000949	8	1
VQCY	VQCY 000982	16	9
VQTY	VQTY 000592	12	2

## Notification of Breach

Max abs(AoA)	Percentage of Axles Exceeding 15mrad Criteria in T HR RS 00400 ST Section 2.7.1	Is this EPL Priority wagon (Yes/No)?
17.9	0.30%	Yes
28.4	0.50%	Yes
20	2.70%	Yes
27.1	9.80%	Yes
22.2	18.80%	Yes
24.8	10.70%	Yes
25.5	6.30%	Yes
36.6	53.10%	Yes
18.2	4.20%	Yes
18.5	6.30%	Yes
25.1	8.90%	Yes
24.9	19.30%	Yes
21	11.30%	Yes
32	37.50%	Yes
22.8	1.90%	Yes
38.4	62.50%	Yes
31.6	15.60%	Yes
20.2	25.00%	Yes
42.4	18.80%	Yes
26.6	4.60%	Yes
33.4	4.20%	Yes
15.4	6.30%	Yes
44.4	75.00%	Yes
20.5	3.40%	Yes
37.7	23.90%	Yes
15.7	6.30%	Yes
18.7	6.30%	Yes
16.5	1.00%	Yes
30.8	3.60%	Yes
31.7	9.40%	Yes
21.4	12.50%	Yes
17.2	25.00%	Yes

17.3	25.00% Yes
30.7	18.80% Yes
15.4	8.30% Yes
29	16.70% Yes
25.5	43.80% Yes
30.8	18.80% Yes
25.5	22.20% Yes
31.1	12.50% Yes
22.9	31.30% Yes
28.7	7.50% Yes
41.2	58.30% Yes
15.7	5.00% Yes
29.1	31.30% Yes
20.2	8.30% Yes
35	22.70% Yes
19	7.50% Yes
27.7	37.50% Yes
39.7	31.30% Yes
32.4	25.00% Yes
16	3.60% Yes
24.2	18.80% Yes
29.2	30.00% Yes
25.6	17.90% Yes
21.2	9.40% Yes
19.1	25.00% Yes
18.7	18.80% Yes
15.4	6.30% Yes
16.9	2.80% Yes
27	15.60% Yes
22.5	5.60% Yes
25.2	6.30% Yes
31.1	34.40% Yes
20.5	4.20% Yes
15.7	1.20% Yes
21.7	13.90% Yes
17.3	2.10% Yes
19.4	5.00% Yes
20.7	12.50% Yes
17.6	5.00% Yes
17.1	2.80% Yes
20.9	9.40% Yes
15.9	12.50% Yes
22	15.00% Yes
20.7	7.10% Yes
19.4	2.30% Yes
23.7	6.30% Yes
15.1	6.30% Yes
19.6	12.50% Yes
38.2	20.00% Yes
32	15.60% Yes

34.2	18.20% Yes
40.2	33.30% Yes
19.4	8.30% Yes
41.7	25.00% Yes
39.7	50.00% Yes
33.4	37.50% Yes
39.9	21.40% Yes
27	20.80% Yes
25.7	10.00% Yes
32.7	33.30% Yes
33.9	15.00% Yes
31.7	18.80% Yes
31.9	12.50% Yes
29.5	15.00% Yes
18.1	6.30% Yes
36.2	50.00% Yes
19.7	2.80% Yes
34.5	45.80% Yes
35.3	33.30% Yes
22.6	14.30% Yes
28.2	18.80% Yes
39.2	30.00% Yes
34.3	12.50% Yes
20.6	25.00% Yes
34.8	31.30% Yes
17.4	8.30% Yes
31.6	7.10% Yes
33.2	28.10% Yes
20.2	8.30% Yes
34.2	10.70% Yes
24.2	16.70% Yes
24	7.10% Yes
19.1	5.00% Yes
32.5	11.10% Yes
27.2	17.90% Yes
20.9	12.50% Yes
27	2.50% Yes
23.7	12.50% Yes
27.6	7.10% Yes
36.7	39.30% Yes
23.9	10.00% Yes
41.9	100.00% Yes
24.4	25.00% Yes
29	50.00% Yes
25.9	8.30% Yes
16	6.30% Yes
38.8	40.00% Yes
15.3	7.10% Yes
20	3.10% Yes
33.1	8.30% Yes



28.7	18.80% Yes
21.2	3.10% Yes
25.8	11.10% Yes
21.2	5.00% Yes
32.8	10.00% Yes
27.8	6.30% Yes
26.8	20.50% Yes
47.2	27.80% Yes
39.6	25.00% Yes
20.5	9.40% Yes
27.1	5.00% Yes
32.7	33.30% Yes
26	9.40% Yes
35.5	35.70% Yes
52.4	55.00% Yes
40.4	27.80% Yes
29.8	25.00% Yes
47.8	26.50% Yes
20.6	7.10% Yes
39	29.20% Yes
48.9	58.30% Yes
36	50.00% Yes
38.2	19.40% Yes
33.9	22.70% Yes
16.5	12.50% Yes
28.1	16.70% Yes
23.9	7.50% Yes
31.7	4.20% Yes
38.9	34.10% Yes
28.1	13.20% Yes
20.5	3.60% Yes
16.3	4.50% Yes
18.8	3.10% Yes
43.8	37.50% Yes
27.4	10.70% Yes
34	18.80% Yes
22.4	11.70% Yes
31.3	13.60% Yes
25.4	17.50% Yes
29.8	7.50% Yes
21.7	12.50% Yes
32.5	5.80% Yes
35.1	29.20% Yes
43.9	29.20% Yes
24.5	12.50% Yes
26.1	6.30% Yes
15.6	1.60% Yes
20.9	1.20% Yes
24.1	7.40% Yes
25	12.50% Yes

27.7	25.00% Yes
21.2	1.30% Yes
23.1	4.20% Yes
18	4.50% Yes
21.8	11.10% Yes
26.6	4.20% Yes
22.9	12.50% Yes
44.1	9.40% Yes
15.9	6.30% Yes
19.1	0.80% Yes
16.2	2.10% Yes
21.3	1.20% Yes
18.2	1.70% Yes
20.4	1.20% Yes
30.4	1.70% Yes
33	12.00% Yes
15.4	0.90% Yes
23.8	3.70% Yes
17.2	1.70% Yes
22.3	2.10% Yes
22.5	1.70% Yes
23.3	5.30% Yes
21.6	1.90% Yes
27.2	9.50% Yes
24.4	3.60% Yes
27.4	15.00% Yes
16.7	3.60% Yes
30.8	25.00% Yes
30.6	56.30% Yes
28.5	18.00% Yes
26.4	33.30% Yes
15.2	4.20% Yes
16.4	8.30% Yes
20.9	3.60% Yes
15.5	0.90% Yes
28.7	8.30% Yes
25.6	9.40% Yes
35	31.30% Yes
24.9	12.50% Yes
23	8.30% Yes
36.8	12.50% Yes
17.6	6.30% Yes
32.4	27.50% Yes
38.8	60.70% Yes
21	25.00% Yes
27.4	12.50% Yes
18.8	6.30% Yes
34.5	26.60% Yes
27.4	15.00% Yes
32.1	25.00% Yes

17.3	2.50% Yes
37	38.90% Yes
30.7	16.70% Yes
22.5	7.10% Yes
42.1	18.30% Yes
25.2	21.90% Yes
26.9	6.30% Yes
27	6.30% Yes
21.9	3.60% Yes
25.3	16.70% Yes
27.2	18.80% Yes
15	12.50% Yes
25.9	56.30% Yes
21.9	16.70% Yes

**Details of unacceptable Angle of Attack events identified for priority wagons under the latest EPL license.**

**Reporting Period : 1st January, 2024 to 31st December 2024**

**Site Name: Beecroft Up**

Date	Time	Priority wagon class	Wagon ID	Angle of Attack measured (mrad)
9/01/2024	10:17	RKFX	RKFX 000058	31.1
9/01/2024	10:17	RQCY	RQCY 000753	-24.8
9/01/2024	10:17	RQCY	RQCY 000753	-17.6
11/01/2024	09:45	RKBY	RKBY 020461	-17.3
11/01/2024	09:45	RKWY	RKWY 000001	31.8
11/01/2024	09:45	RKWY	RKWY 000001	38.2
14/01/2024	20:41	CQWY	CQWY 005005	-28.8
14/01/2024	20:41	CQWY	CQWY 005005	-25
14/01/2024	20:41	CQWY	CQWY 005005	-19.8
14/01/2024	20:41	CQWY	CQWY 005005	-19.3
14/01/2024	20:41	CQWY	CQWY 005005	17.6
14/01/2024	20:41	CQWY	CQWY 005005	36.6
16/01/2024	17:50	VQCY	VQCY 000886	30.9
16/01/2024	17:50	VQCY	VQCY 000886	36.5
17/01/2024	10:16	RKFX	RKFX 000049	-18.3
17/01/2024	10:16	RKKY	RKKY 007336	-21.7
17/01/2024	10:16	RKKY	RKKY 007336	-15.9
17/01/2024	10:16	RKWY	RKWY 004087	44.3
17/01/2024	10:16	RKWY	RKWY 004087	52.4
20/01/2024	12:29	VQCY	VQCY 000844	-17.1
20/01/2024	12:29	VQCY	VQCY 000940	-20.1
20/01/2024	16:58	VQCY	VQCY 000886	37
20/01/2024	18:20	RKMY	RKMY 000080	-15.9
21/01/2024	19:58	RQCY	RQCY 000906	28.2
21/01/2024	19:58	RQCY	RQCY 000906	34
22/01/2024	10:48	CQEY	CQEY 000218	19.9
23/01/2024	10:15	VQCY	VQCY 000908	24.3
23/01/2024	10:15	VQCY	VQCY 000908	30.1
24/01/2024	14:17	RKMY	RKMY 000080	-15.2
25/01/2024	10:04	RKWY	RKWY 002271	15.9
25/01/2024	10:04	RKWY	RKWY 002271	22.4
25/01/2024	10:04	RKWY	RKWY 004089	-28.7
25/01/2024	10:04	RKWY	RKWY 004089	-21.5
26/01/2024	09:42	RKWY	RKWY 002945	32.9
26/01/2024	09:42	RKWY	RKWY 002945	36.7
26/01/2024	09:42	RKWY	RKWY 004171	30.4
26/01/2024	09:42	RKWY	RKWY 004171	33.9
26/01/2024	09:42	VQCY	VQCY 000818	-26.8
26/01/2024	09:42	VQCY	VQCY 000818	-20.1
26/01/2024	09:42	VQCY	VQCY 000818	33.5
26/01/2024	09:42	VQCY	VQCY 000818	38.8

26/01/2024	12:39	VQCY	VQCY 000886	32
26/01/2024	12:39	VQCY	VQCY 000886	35.8
26/01/2024	14:10	VQCY	VQCY 000801	-23.4
26/01/2024	14:10	VQCY	VQCY 000801	-15.3
26/01/2024	14:10	VQCY	VQCY 000908	32.5
26/01/2024	14:10	VQCY	VQCY 000908	36
27/01/2024	11:42	VQCY	VQCY 000790	36.8
29/01/2024	10:04	RKFX	RKFX 000011	-19.7
29/01/2024	10:04	RKFX	RKFX 000011	16.6
29/01/2024	10:04	RKFX	RKFX 000011	25.5
29/01/2024	10:04	RKFX	RKFX 000037	-18
29/01/2024	10:04	RKFX	RKFX 000037	26.9
29/01/2024	10:04	RKFX	RKFX 000037	32.4
29/01/2024	10:04	RKFX	RKFX 000045	-19.1
29/01/2024	10:04	RKWY	RKWY 000017	-16.3
30/01/2024	10:09	VQCY	VQCY 000735	-24.9
30/01/2024	11:48	VQCY	VQCY 000886	26
30/01/2024	11:48	VQCY	VQCY 000886	31.1
31/01/2024	10:35	CQEY	CQEY 000218	17.6
31/01/2024	14:16	CQWY	CQWY 005030	-17.3
1/02/2024	09:36	RKWY	RKWY 002271	36.2
1/02/2024	09:36	VQCY	VQCY 000944	15.3
1/02/2024	13:45	VQCY	VQCY 000818	-28.1
1/02/2024	13:45	VQCY	VQCY 000818	-21.7
1/02/2024	13:45	VQCY	VQCY 000818	15.5
3/02/2024	12:09	VQCY	VQCY 000886	29.3
3/02/2024	12:09	VQCY	VQCY 000886	35.1
3/02/2024	19:41	CQWY	CQWY 005059	-16.6
3/02/2024	19:41	VQCY	VQCY 000801	-32.4
3/02/2024	19:41	VQCY	VQCY 000801	-23.8
4/02/2024	19:38	VQCY	VQCY 000517	-27.4
4/02/2024	19:38	VQCY	VQCY 000517	-18.7
7/02/2024	15:45	VQCY	VQCY 000846	-24
7/02/2024	16:12	VQCY	VQCY 000818	-21.9
7/02/2024	16:12	VQCY	VQCY 000818	-16.5
7/02/2024	16:12	VQCY	VQCY 000818	22.1
7/02/2024	16:12	VQCY	VQCY 000818	26.7
9/02/2024	10:07	RKFX	RKFX 000025	18.3
9/02/2024	10:07	RKFX	RKFX 000025	25.6
9/02/2024	10:07	RKFX	RKFX 000030	27.7
9/02/2024	10:07	RKFX	RKFX 000030	32.6
9/02/2024	10:07	RKWY	RKWY 000007	29.6
9/02/2024	10:07	RKWY	RKWY 000007	35
9/02/2024	12:21	RRYY	RRYY 000027	-19.5
9/02/2024	12:21	VQCY	VQCY 000908	42.1
10/02/2024	11:41	RKMY	RKMY 020540	-19.6
10/02/2024	11:41	VQCY	VQCY 000818	-24.3
10/02/2024	11:41	VQCY	VQCY 000818	-18.2
10/02/2024	11:41	VQCY	VQCY 000818	17
10/02/2024	11:41	VQCY	VQCY 000818	22

10/02/2024	16:09	VQCY	VQCY 000881	17.3
11/02/2024	12:25	VQCY	VQCY 000846	-24.6
11/02/2024	12:25	VQCY	VQCY 000886	-19.5
13/02/2024	10:07	RKKY	RKKY 007336	-21.4
13/02/2024	10:07	RKKY	RKKY 007336	-19.8
13/02/2024	10:07	RKKY	RKKY 007336	-15.5
13/02/2024	10:07	RKWY	RKWY 004001	-27.5
13/02/2024	10:07	RKWY	RKWY 004001	-22.8
13/02/2024	10:07	RKWY	RKWY 004027	-23.8
13/02/2024	12:23	RRKY	RRKY 002754	-18
13/02/2024	12:23	RRYY	RRYY 000027	-22.5
13/02/2024	12:23	RRYY	RRYY 000027	-15.3
13/02/2024	12:23	VQCY	VQCY 000908	32.7
13/02/2024	12:23	VQCY	VQCY 000908	39.1
14/02/2024	09:45	VQCY	VQCY 000692	-28.7
14/02/2024	10:38	CQEY	CQEY 000218	-15
15/02/2024	10:16	RKBY	RKBY 020215	-21.4
15/02/2024	10:16	RKWY	RKWY 000002	29
15/02/2024	10:16	RKWY	RKWY 000002	32
15/02/2024	10:16	RKWY	RKWY 000005	-19.8
15/02/2024	10:16	RKWY	RKWY 002154	-26
15/02/2024	10:16	RKWY	RKWY 002154	25.6
15/02/2024	10:16	RKWY	RKWY 002154	29.5
15/02/2024	10:16	RKWY	RKWY 002998	-29
15/02/2024	10:16	RKWY	RKWY 002998	-22.8
15/02/2024	10:16	RKWY	RKWY 004113	-39.5
15/02/2024	10:16	RKWY	RKWY 004113	-35.2
15/02/2024	10:16	RKWY	RKWY 004113	15.5
15/02/2024	10:16	RRKY	RRKY 004337	-26.3
15/02/2024	10:16	RRKY	RRKY 004337	-20.8
15/02/2024	10:16	RRKY	RRKY 004337	42.7
15/02/2024	10:16	RRKY	RRKY 004337	44.1
15/02/2024	12:16	CQWY	CQWY 005060	-26.2
15/02/2024	12:16	CQWY	CQWY 005060	15.7
15/02/2024	12:16	CQWY	CQWY 005060	17.7
15/02/2024	12:16	CQWY	CQWY 005060	27.1
15/02/2024	12:16	CQWY	CQWY 005060	31.7
15/02/2024	12:16	VQCY	VQCY 000846	-21.7
15/02/2024	12:16	VQCY	VQCY 000886	-20.3
15/02/2024	12:16	VQCY	VQCY 000886	19.9
15/02/2024	12:16	VQCY	VQCY 000886	25.3
16/02/2024	10:07	RKKY	RKKY 007313	-19.9
16/02/2024	10:07	RKWY	RKWY 002271	-27.4
16/02/2024	10:07	RKWY	RKWY 002271	-22.5
16/02/2024	10:07	RKWY	RKWY 002945	23.4
16/02/2024	10:07	RKWY	RKWY 002945	27.2
17/02/2024	12:13	VQCY	VQCY 000818	-21.3
17/02/2024	17:10	VQCY	VQCY 000908	32.2
17/02/2024	17:10	VQCY	VQCY 000908	38.4
19/02/2024	10:04	RKWY	RKWY 000019	-31.1

19/02/2024	10:04	RKWY	RKWY 000019	33.4
19/02/2024	10:04	RKWY	RKWY 002333	-19.2
19/02/2024	10:04	RKWY	RKWY 002618	-15.7
19/02/2024	10:04	RKWY	RKWY 002987	-29
19/02/2024	10:04	RKWY	RKWY 002987	-23.8
19/02/2024	10:04	RKWY	RKWY 002987	28.5
19/02/2024	10:04	RKWY	RKWY 002987	33.3
19/02/2024	10:04	RKWY	RKWY 004015	-17.9
21/02/2024	12:17	VQCY	VQCY 000846	-22.9
27/02/2024	10:18	RRKY	RRKY 002054	-23.1
27/02/2024	10:45	VQCY	VQCY 000846	-21.8
29/02/2024	10:17	RKFX	RKFX 000042	-23.5
29/02/2024	10:17	RKWY	RKWY 000019	-24.2
29/02/2024	10:17	RKWY	RKWY 002141	23.8
29/02/2024	10:17	RKWY	RKWY 002141	27.7
2/03/2024	16:25	VQCY	VQCY 000846	-22.6
3/03/2024	14:11	VQCY	VQCY 000908	-17.4
4/03/2024	10:06	RKFX	RKFX 000026	-16.3
4/03/2024	10:06	RKFX	RKFX 000030	20.9
4/03/2024	10:06	RKFX	RKFX 000030	24.9
4/03/2024	10:06	RKKY	RKKY 007313	-20.5
4/03/2024	10:06	RKWY	RKWY 001979	-31.7
4/03/2024	10:06	RKWY	RKWY 001979	-26.8
5/03/2024	10:36	RKWY	RKWY 000007	-28.9
5/03/2024	10:36	RKWY	RKWY 000007	-22.2
5/03/2024	10:36	RKWY	RKWY 004107	-24.1
5/03/2024	10:36	RKWY	RKWY 004107	-17.7
7/03/2024	09:46	RKWY	RKWY 002945	-23.7
7/03/2024	09:46	RKWY	RKWY 002945	-17.6
7/03/2024	09:46	RQCY	RQCY 000753	-23.3
7/03/2024	09:46	RQCY	RQCY 000753	-15.7
7/03/2024	13:15	VQCY	VQCY 000909	-25.2
7/03/2024	13:15	VQCY	VQCY 000909	-18.6
8/03/2024	10:16	RKWY	RKWY 002616	-34.8
8/03/2024	10:16	RKWY	RKWY 002616	-27.2
8/03/2024	10:16	RKWY	RKWY 002987	-28.2
8/03/2024	10:16	RKWY	RKWY 002987	-22.8
8/03/2024	10:16	RKWY	RKWY 002987	30
8/03/2024	10:16	RKWY	RKWY 002987	33.8
8/03/2024	10:16	RKWY	RKWY 004087	-29
8/03/2024	10:16	RKWY	RKWY 004087	-25.3
8/03/2024	12:16	RRYY	RRYY 000002	-19.1
8/03/2024	12:16	VQCY	VQCY 000846	-21.8
12/03/2024	11:19	RKFX	RKFX 000006	-15.4
12/03/2024	11:19	RKFX	RKFX 000025	-26.3
12/03/2024	11:19	RKFX	RKFX 000025	-19.4
12/03/2024	11:19	RKFX	RKFX 000025	29.3
12/03/2024	11:19	RKFX	RKFX 000025	35
13/03/2024	09:45	RKWY	RKWY 004113	36
13/03/2024	09:45	RKWY	RKWY 004133	-31.5

13/03/2024	09:45 RKWY	RKWY 004133	-24.6
14/03/2024	10:05 RKKY	RKKY 007314	-15.7
14/03/2024	10:05 RKWY	RKWY 004007	-15.3
14/03/2024	10:05 RKWY	RKWY 004019	-25.8
14/03/2024	10:05 RKWY	RKWY 004107	29.8
15/03/2024	10:07 RKFX	RKFX 000021	-24.3
15/03/2024	10:07 RKFX	RKFX 000021	-17.4
15/03/2024	10:07 RKWY	RKWY 002616	-34.3
15/03/2024	10:07 RKWY	RKWY 002616	-26.7
15/03/2024	12:16 VQCY	VQCY 000846	-19.6
15/03/2024	12:16 VQCY	VQCY 000846	-15.7
15/03/2024	13:18 VQCY	VQCY 000608	18.4
15/03/2024	13:18 VQCY	VQCY 000608	24.8
18/03/2024	09:35 CQEY	CQEY 000218	-18.2
19/03/2024	09:46 RKKY	RKKY 007375	-17.3
19/03/2024	09:46 RKWY	RKWY 002618	-17.4
19/03/2024	09:46 RKWY	RKWY 004047	-23.4
19/03/2024	09:46 RKWY	RKWY 004047	-15.7
20/03/2024	10:47 CQEY	CQEY 000218	-15.1
20/03/2024	13:20 CQWY	CQWY 005028	-22.8
20/03/2024	13:20 VQCY	VQCY 000908	-23
21/03/2024	10:16 RKWY	RKWY 004156	-29.1
21/03/2024	10:16 RKWY	RKWY 004156	-23.9
21/03/2024	10:16 RKWY	RKWY 004171	-23.2
21/03/2024	10:16 RKWY	RKWY 004171	-17.4
22/03/2024	09:36 RKWY	RKWY 002854	-19.6
22/03/2024	09:36 RKWY	RKWY 004089	-40.4
22/03/2024	09:36 RKWY	RKWY 004089	-31.8
22/03/2024	09:36 RKWY	RKWY 004124	-15
22/03/2024	09:36 RKWY	RKWY 004124	24.5
22/03/2024	09:36 RKWY	RKWY 004124	31.9
22/03/2024	14:45 RRYY	RRYY 000024	-22.3
22/03/2024	14:45 RRYY	RRYY 000024	-15
23/03/2024	15:54 VQCY	VQCY 000846	-22.4
3/04/2024	10:17 CQEY	CQEY 000218	-15
3/04/2024	11:37 VQCY	VQCY 000846	-25.1
4/04/2024	13:17 CQWY	CQWY 005039	31.1
4/04/2024	13:17 CQWY	CQWY 005039	33.4
4/04/2024	13:17 CQWY	CQWY 005041	15.4
4/04/2024	13:17 CQWY	CQWY 005059	30.8
4/04/2024	14:45 VQCY	VQCY 000919	-27
4/04/2024	14:45 VQCY	VQCY 000919	-21.2
5/04/2024	16:21 CQWY	CQWY 005035	-16.3
5/04/2024	16:21 CQWY	CQWY 005035	33.6
5/04/2024	16:21 CQWY	CQWY 005035	42.4
5/04/2024	16:21 RQCY	RQCY 000047	-25.5
5/04/2024	16:21 RQCY	RQCY 000047	-16.9
5/04/2024	16:21 RQCY	RQCY 000785	20.5
5/04/2024	16:21 RQCY	RQCY 000840	-27.7
5/04/2024	16:21 RQCY	RQCY 000840	-26.1



5/04/2024	16:21 RQCY	RQCY 000840	43.8
5/04/2024	16:21 RQCY	RQCY 000906	-24.9
5/04/2024	16:21 RQCY	RQCY 000906	-18.6
5/04/2024	16:21 VQCY	VQCY 000608	-23.5
5/04/2024	16:21 VQCY	VQCY 000608	-19.1
5/04/2024	16:21 VQCY	VQCY 000608	24.9
5/04/2024	16:21 VQCY	VQCY 000608	30.6
7/04/2024	15:42 VQCY	VQCY 000846	-34.5
9/04/2024	19:18 RRKY	RRKY 002778	-26.6
10/04/2024	10:18 VQCY	VQCY 000611	19.5
10/04/2024	10:18 VQCY	VQCY 000611	26.1
10/04/2024	10:18 VQCY	VQCY 000944	-19.2
10/04/2024	10:18 VQCY	VQCY 000949	-15
11/04/2024	14:37 RQCY	RQCY 000784	-15
11/04/2024	14:37 RRKY	RRKY 002762	-20
11/04/2024	14:37 VQCY	VQCY 000846	-25.3
12/04/2024	14:17 RRKY	RRKY 004201	-22.9
12/04/2024	14:17 RRKY	RRKY 004201	-16.6
12/04/2024	14:37 VQCY	VQCY 000653	-16.4
16/04/2024	10:03 RKWY	RKWY 002328	-27.4
16/04/2024	10:03 RKWY	RKWY 002328	-19.1
16/04/2024	10:03 RKWY	RKWY 002534	32.8
16/04/2024	10:03 RKWY	RKWY 002647	-20.1
16/04/2024	10:03 RKWY	RKWY 002647	-15.9
16/04/2024	10:03 RKWY	RKWY 002921	-27
16/04/2024	10:03 RKWY	RKWY 003011	-16
16/04/2024	10:03 RKWY	RKWY 004071	-32.7
16/04/2024	10:03 RKWY	RKWY 004071	-26.3
16/04/2024	10:03 RKWY	RKWY 004113	43.1
16/04/2024	10:03 RKWY	RKWY 004113	47.8
16/04/2024	10:03 RKWY	RKWY 004133	-36.4
16/04/2024	10:03 RKWY	RKWY 004133	-29.2
16/04/2024	10:03 RKWY	RKWY 004166	-29.3
16/04/2024	10:03 RKWY	RKWY 004166	-22.2
16/04/2024	10:03 RQTY	RQTY 000690	-21.2
16/04/2024	10:03 VQCY	VQCY 000944	-27.2
17/04/2024	14:23 RQCY	RQCY 000906	-23.5
17/04/2024	14:23 RQCY	RQCY 000906	-17
18/04/2024	09:46 VQCY	VQCY 000744	-21.6
18/04/2024	11:51 VQCY	VQCY 000910	-26.9
18/04/2024	11:51 VQCY	VQCY 000910	-19.5
18/04/2024	14:36 CQWY	CQWY 005004	-25.5
18/04/2024	14:36 CQWY	CQWY 005004	-17.3
18/04/2024	14:36 RKMY	RKMY 000052	-17.6
19/04/2024	10:16 RKFX	RKFX 000011	-16.4
19/04/2024	10:16 RKFX	RKFX 000029	-27.1
19/04/2024	10:16 RKFX	RKFX 000039	-21
19/04/2024	10:16 RKWY	RKWY 000003	-23.3
19/04/2024	10:16 RKWY	RKWY 000003	-17.4
19/04/2024	10:16 RKWY	RKWY 000017	-33.9

19/04/2024	10:16 RKWY	RKWY 000017	-27.2
19/04/2024	10:16 RKWY	RKWY 002515	-16.5
19/04/2024	10:16 RKWY	RKWY 004053	-21.5
19/04/2024	10:16 VQCY	VQCY 000939	-21.9
20/04/2024	18:40 RRYY	RRYY 000012	29.6
20/04/2024	18:40 RRYY	RRYY 000012	30.4
20/04/2024	18:40 RRYY	RRYY 000020	17.2
21/04/2024	14:11 RRKY	RRKY 002762	-18.6
22/04/2024	10:11 RKWY	RKWY 001979	-25.5
22/04/2024	10:11 RKWY	RKWY 001979	-19.5
23/04/2024	09:34 RKWY	RKWY 004071	-32
23/04/2024	09:34 RKWY	RKWY 004071	-25.4
24/04/2024	14:21 RQCY	RQCY 000989	-30.8
25/04/2024	12:40 CQWY	CQWY 005056	-15.6
30/04/2024	10:05 VQCY	VQCY 000887	-30
30/04/2024	10:05 VQCY	VQCY 000887	-24.3
30/04/2024	10:05 VQCY	VQCY 000887	25.5
30/04/2024	10:05 VQCY	VQCY 000887	30.7
1/05/2024	12:48 VQCY	VQCY 000818	-20.2
1/05/2024	12:48 VQTY	VQTY 000592	-21.9
1/05/2024	12:48 VQTY	VQTY 000592	-15.8
2/05/2024	12:35 VQCY	VQCY 000910	-17.3
2/05/2024	15:08 VQCY	VQCY 000844	-18.8
5/05/2024	19:42 CQWY	CQWY 005030	-26.8
5/05/2024	19:42 CQWY	CQWY 005030	-20.8
5/05/2024	19:42 CQWY	CQWY 005030	31.1
5/05/2024	19:42 CQWY	CQWY 005030	38.4
5/05/2024	19:42 RRYY	RRYY 000013	-31.7
5/05/2024	19:42 RRYY	RRYY 000013	-24.8
6/05/2024	11:15 RKWY	RKWY 001979	-29.9
6/05/2024	11:15 RKWY	RKWY 001979	-25
6/05/2024	11:15 RKWY	RKWY 004063	-20.5
8/05/2024	12:30 CQWY	CQWY 005023	-24.9
8/05/2024	12:30 CQWY	CQWY 005023	-18.9
8/05/2024	12:30 CQWY	CQWY 005023	24.7
8/05/2024	12:30 CQWY	CQWY 005023	32
8/05/2024	12:30 RQCY	RQCY 001002	-35.1
8/05/2024	12:30 RQCY	RQCY 001002	-26.5
9/05/2024	10:04 VQCY	VQCY 000608	22.8
9/05/2024	10:04 VQCY	VQCY 000608	28.2
10/05/2024	10:20 RKWY	RKWY 000001	31.2
10/05/2024	10:20 RKWY	RKWY 000001	36.9
10/05/2024	10:20 RKWY	RKWY 004047	-22.1
10/05/2024	10:20 RKWY	RKWY 004047	-16.1
10/05/2024	14:17 VQCY	VQCY 000660	-20.9
12/05/2024	19:42 VQCY	VQCY 000940	-25.3
13/05/2024	09:57 RKFX	RKFX 000013	-15.4
13/05/2024	09:57 RKFX	RKFX 000021	-18.9
13/05/2024	09:57 RKFX	RKFX 000021	24.6
13/05/2024	09:57 RKFX	RKFX 000021	30.3

13/05/2024	09:57 RKFX	RKFX 000040	-26.8
13/05/2024	09:57 RKFX	RKFX 000040	-20.1
13/05/2024	09:57 RKWY	RKWY 000030	-29.6
13/05/2024	09:57 RKWY	RKWY 000030	-24.5
13/05/2024	09:57 RKWY	RKWY 002271	20.6
13/05/2024	09:57 RKWY	RKWY 002271	26.4
15/05/2024	15:43 RKMY	RKMY 000139	-19.8
16/05/2024	12:17 CQWY	CQWY 005023	-27.1
16/05/2024	12:17 CQWY	CQWY 005023	-21
16/05/2024	12:17 CQWY	CQWY 005023	-15.7
16/05/2024	12:17 RQCY	RQCY 001002	-31
16/05/2024	12:17 RQCY	RQCY 001002	-22
16/05/2024	12:17 VQCY	VQCY 000909	-23.3
16/05/2024	12:17 VQCY	VQCY 000909	-17.6
17/05/2024	10:16 RKFX	RKFX 000004	23.9
17/05/2024	10:16 RKFX	RKFX 000004	30.7
17/05/2024	10:16 RKMY	RKMY 000117	22
17/05/2024	10:16 RKWY	RKWY 000005	-16.6
17/05/2024	10:16 RKWY	RKWY 000005	32.3
17/05/2024	10:16 RKWY	RKWY 000005	40.2
17/05/2024	10:16 RKWY	RKWY 002271	-33.3
17/05/2024	10:16 RKWY	RKWY 002271	-28.1
17/05/2024	10:16 RKWY	RKWY 002271	18.9
17/05/2024	10:16 RKWY	RKWY 002647	-28.7
17/05/2024	10:16 RKWY	RKWY 002647	29.1
17/05/2024	10:16 RKWY	RKWY 002872	-19.1
17/05/2024	14:45 RRYY	RRYY 000047	-17.7
17/05/2024	17:31 VQCY	VQCY 000576	-30.8
17/05/2024	17:31 VQCY	VQCY 000576	-23.5
18/05/2024	01:23 CQEY	CQEY 000218	-17.5
18/05/2024	01:23 CQEY	CQEY 000218	21.1
20/05/2024	01:47 CQEY	CQEY 000218	-17.2
24/05/2024	10:16 RKWY	RKWY 004085	-19.4
31/05/2024	11:16 RKBY	RKBY 020398	-17.2
31/05/2024	11:16 RKWY	RKWY 002616	-28.8
31/05/2024	11:16 RKWY	RKWY 002616	-22
31/05/2024	11:16 RKWY	RKWY 002866	-28
31/05/2024	11:16 RKWY	RKWY 004166	-17.5
31/05/2024	11:16 RQCY	RQCY 000989	-23
31/05/2024	11:16 VQCY	VQCY 000887	-15
1/06/2024	11:41 RKMY	RKMY 000139	-20.7
1/06/2024	11:41 RRYY	RRYY 000004	-16.2
1/06/2024	11:41 VQCY	VQCY 000982	-25.9
1/06/2024	11:41 VQCY	VQCY 000982	-22.4
1/06/2024	11:41 VQCY	VQCY 000982	20.9
1/06/2024	11:41 VQCY	VQCY 000982	23.7
2/06/2024	21:23 RQCY	RQCY 000784	-28.1
2/06/2024	21:23 RQCY	RQCY 000784	-20.9
3/06/2024	11:20 RKFX	RKFX 000011	-16.1
3/06/2024	11:20 RKFX	RKFX 000026	-19

3/06/2024	11:20	RKFX	RKFX 000037	-20.9
3/06/2024	11:20	RKMY	RKMY 000051	-17.2
3/06/2024	11:20	RKWY	RKWY 000003	-34.2
3/06/2024	11:20	RKWY	RKWY 000003	-27.3
3/06/2024	11:20	RKWY	RKWY 002515	-24
3/06/2024	11:20	RKWY	RKWY 002515	-16.9
3/06/2024	11:20	RKWY	RKWY 004156	-25.8
3/06/2024	11:20	RKWY	RKWY 004156	-18.5
3/06/2024	11:20	RKWY	RKWY 004156	30.1
3/06/2024	11:20	RKWY	RKWY 004156	36
4/06/2024	10:18	RKWY	RKWY 003009	15.2
6/06/2024	03:11	CQEY	CQEY 000207	24.3
6/06/2024	03:11	CQEY	CQEY 000207	28.4
7/06/2024	10:17	RKWY	RKWY 004047	-24
7/06/2024	10:17	RKWY	RKWY 004047	-17.1
7/06/2024	10:17	RKWY	RKWY 004089	-34.7
7/06/2024	10:17	RKWY	RKWY 004089	-27.4
7/06/2024	10:17	RQCY	RQCY 000784	-20.1
8/06/2024	01:53	CQEY	CQEY 000218	-18.4
11/06/2024	12:21	CQWY	CQWY 005060	20.6
11/06/2024	12:21	RRYY	RRYY 000013	-29.1
11/06/2024	12:21	RRYY	RRYY 000013	-23.3
11/06/2024	12:21	VQCY	VQCY 000576	-27.7
11/06/2024	12:21	VQCY	VQCY 000576	-21.6
11/06/2024	19:21	RKMY	RKMY 000051	-19.6
12/06/2024	09:33	RQCY	RQCY 000687	-20.3
12/06/2024	11:15	VQCY	VQCY 000887	-17
12/06/2024	14:06	CQGY	CQGY 000548	-22.2
12/06/2024	14:06	VQCY	VQCY 000940	-16
13/06/2024	14:16	VQCY	VQCY 000797	-17.6
13/06/2024	14:16	VQCY	VQCY 000909	-24.6
14/06/2024	10:15	VQCY	VQCY 000982	-25.3
14/06/2024	10:15	VQCY	VQCY 000982	-20.2
16/06/2024	12:39	RQCY	RQCY 000989	-32.5
16/06/2024	19:40	RQCY	RQCY 000987	-29.8
16/06/2024	19:40	RQCY	RQCY 000987	-24.9
18/06/2024	09:46	RKFX	RKFX 000039	-24.2
18/06/2024	09:46	RKWY	RKWY 002270	-18.1
19/06/2024	10:04	VQCY	VQCY 000821	-21
19/06/2024	11:10	CQWY	CQWY 005004	-15
20/06/2024	13:18	VQCY	VQCY 000517	-15.3
20/06/2024	13:18	VQCY	VQCY 000887	19.4
20/06/2024	13:18	VQCY	VQCY 000887	24.2
22/06/2024	02:29	CQEY	CQEY 000201	17.9
22/06/2024	11:40	RKMY	RKMY 000072	-16.2
22/06/2024	11:40	RQCY	RQCY 000739	-31.7
22/06/2024	11:40	VQCY	VQCY 000744	-23
25/06/2024	10:16	RKBY	RKBY 020215	-19.7
25/06/2024	10:16	RKWY	RKWY 000003	-16.8
25/06/2024	10:16	RKWY	RKWY 000003	25.4

25/06/2024	10:16 RKWY	RKWY 000003	33.1
25/06/2024	10:16 RKWY	RKWY 004053	-17
25/06/2024	10:16 VQCY	VQCY 000801	-26.4
25/06/2024	10:16 VQCY	VQCY 000886	-16.7
25/06/2024	18:19 VQCY	VQCY 000891	-22.5
27/06/2024	10:04 RQCY	RQCY 000810	-18.8
27/06/2024	10:04 RRKY	RRKY 002778	-23.1
27/06/2024	10:04 VQCY	VQCY 000846	-30.2
27/06/2024	10:04 VQCY	VQCY 000846	-23.4
28/06/2024	10:25 RKFX	RKFX 000011	-21.7
28/06/2024	10:25 RKFX	RKFX 000011	21.2
28/06/2024	10:25 RKWY	RKWY 002925	-23.7
28/06/2024	10:25 RKWY	RKWY 002925	-15.2
29/06/2024	15:54 RQCY	RQCY 000957	16
29/06/2024	15:54 RQCY	RQCY 000957	22.6
29/06/2024	15:54 VQCY	VQCY 000576	-22.4
29/06/2024	15:54 VQCY	VQCY 000576	-17
1/07/2024	02:23 CQEY	CQEY 000218	-16.8
2/07/2024	10:18 RKWY	RKWY 000017	-24.4
2/07/2024	10:18 RKWY	RKWY 000017	-18.7
2/07/2024	10:18 RKWY	RKWY 004063	-16.3
2/07/2024	10:18 RQCY	RQCY 001005	-36.6
2/07/2024	10:18 RQCY	RQCY 001005	-31.3
2/07/2024	10:18 RQCY	RQCY 001005	34.2
2/07/2024	10:18 RQCY	RQCY 001005	42
4/07/2024	17:33 VQCY	VQCY 000846	-30.9
4/07/2024	17:33 VQCY	VQCY 000846	-24.2
4/07/2024	23:58 VQCY	VQCY 000520	16.7
4/07/2024	23:58 VQCY	VQCY 000718	-25.6
4/07/2024	23:58 VQCY	VQCY 000718	-19.6
4/07/2024	23:58 VQCY	VQCY 000874	-32.1
4/07/2024	23:58 VQCY	VQCY 000874	-26.6
5/07/2024	10:22 RKFX	RKFX 000049	-15.8
5/07/2024	10:22 RKWY	RKWY 002933	-27.6
5/07/2024	10:22 RKWY	RKWY 002945	-30.8
5/07/2024	10:22 RKWY	RKWY 004019	-15.1
5/07/2024	10:22 RKWY	RKWY 004133	-32
5/07/2024	10:22 RKWY	RKWY 004133	-24.1
5/07/2024	10:22 RKWY	RKWY 004133	24.8
5/07/2024	10:22 RKWY	RKWY 004133	26.6
5/07/2024	13:47 CQWY	CQWY 005016	-23.2
5/07/2024	13:47 CQWY	CQWY 005016	-18.7
5/07/2024	13:47 CQWY	CQWY 005016	-15.7
5/07/2024	13:47 VQCY	VQCY 000720	-15.6
5/07/2024	14:16 CQWY	CQWY 005008	-18.2
6/07/2024	04:04 CQEY	CQEY 000218	-22.5
6/07/2024	04:04 CQEY	CQEY 000218	21.4
6/07/2024	11:41 VQCY	VQCY 000608	-17.8
6/07/2024	11:41 VQCY	VQCY 000822	-23.6
7/07/2024	11:39 RRYY	RRYY 000029	-15.3

7/07/2024	19:41	VQCY	VQCY 000801	-28.1
7/07/2024	19:41	VQCY	VQCY 000801	-20.4
9/07/2024	10:33	RKFX	RKFX 000042	-25.6
9/07/2024	10:33	RQCY	RQCY 000784	-26.4
9/07/2024	10:33	RQCY	RQCY 000784	-19.5
9/07/2024	11:46	VQCY	VQCY 000720	-25.4
9/07/2024	11:46	VQCY	VQCY 000720	-19.6
9/07/2024	11:46	VQCY	VQCY 000720	32
10/07/2024	01:45	CQEY	CQEY 000218	-16.9
10/07/2024	12:07	VQCY	VQCY 000718	-21.1
11/07/2024	18:57	RKMY	RKMY 000117	-21.3
12/07/2024	10:05	RKFX	RKFX 000021	-28.2
12/07/2024	10:05	RKFX	RKFX 000021	-21
12/07/2024	10:05	RKFX	RKFX 000021	27.4
12/07/2024	10:05	RKFX	RKFX 000021	32.7
12/07/2024	10:05	RKFX	RKFX 000040	-27.9
12/07/2024	10:05	RKFX	RKFX 000040	-21.7
12/07/2024	10:05	RKWY	RKWY 004085	-18.3
12/07/2024	10:05	RKWY	RKWY 004089	-35.6
12/07/2024	10:05	RKWY	RKWY 004089	-28.1
12/07/2024	10:05	RKWY	RKWY 004113	-25.2
12/07/2024	10:05	RKWY	RKWY 004113	-19.5
12/07/2024	10:05	RKWY	RKWY 004118	-20.6
12/07/2024	10:05	RQCY	RQCY 000968	-20.5
12/07/2024	10:05	VQCY	VQCY 000801	-22.3
12/07/2024	10:05	VQCY	VQCY 000801	-15.1
12/07/2024	14:17	VQCY	VQCY 000909	-24.4
12/07/2024	14:17	VQCY	VQCY 000909	-18.6
13/07/2024	16:17	VQCY	VQCY 000720	-23.1
13/07/2024	16:17	VQCY	VQCY 000720	-18.1
13/07/2024	16:17	VQCY	VQCY 000720	35
14/07/2024	19:56	RQCY	RQCY 001005	37.4
14/07/2024	19:56	RQCY	RQCY 001005	43.9
15/07/2024	03:30	CQEY	CQEY 000218	-15.9
16/07/2024	18:16	RQCY	RQCY 000968	-25.4
16/07/2024	18:16	RQCY	RQCY 000968	-18.3
17/07/2024	02:26	CQEY	CQEY 000218	-21.9
17/07/2024	02:26	CQEY	CQEY 000218	19.5
17/07/2024	09:34	VQCY	VQCY 000801	-29.6
17/07/2024	09:34	VQCY	VQCY 000801	-22.1
17/07/2024	11:49	RKMY	RKMY 000117	-17.9
17/07/2024	11:49	RQCY	RQCY 000793	-15.4
17/07/2024	11:49	RQCY	RQCY 000988	-21.7
17/07/2024	11:49	RRYY	RRYY 000029	-16.8
17/07/2024	14:34	RQCY	RQCY 000785	-19.5
17/07/2024	14:34	VQCY	VQCY 000576	-20.5
18/07/2024	11:50	RQCY	RQCY 000687	-15.5
18/07/2024	19:27	CQGY	CQGY 000548	-16.5
19/07/2024	09:50	RKFX	RKFX 000009	-20.8
19/07/2024	09:50	RKFX	RKFX 000024	-20.2

19/07/2024	09:50 RKFX	RKFX 000037	-22.5
19/07/2024	09:50 RKFX	RKFX 000037	16.3
19/07/2024	09:50 RKFX	RKFX 000039	-21.6
19/07/2024	09:50 RKWY	RKWY 000020	-34.6
19/07/2024	09:50 RKWY	RKWY 000020	-27.7
19/07/2024	09:50 RKWY	RKWY 002987	-36.1
19/07/2024	09:50 RKWY	RKWY 002987	-30.6
19/07/2024	09:50 RKWY	RKWY 002987	30.1
19/07/2024	09:50 RKWY	RKWY 002987	35.3
19/07/2024	09:50 RKWY	RKWY 002996	-24.4
19/07/2024	09:50 RKWY	RKWY 002996	-18.1
19/07/2024	09:50 RKWY	RKWY 004113	23.3
19/07/2024	09:50 RKWY	RKWY 004113	27.4
19/07/2024	13:45 RKMY	RKMY 000051	-18.6
19/07/2024	15:35 VQCY	VQCY 000720	-24
19/07/2024	15:35 VQCY	VQCY 000720	-17.9
19/07/2024	15:35 VQCY	VQCY 000720	23
20/07/2024	02:50 VQCY	VQCY 000609	-24.5
20/07/2024	02:50 VQCY	VQCY 000609	-19.9
20/07/2024	11:38 CQWY	CQWY 005023	-21.7
20/07/2024	11:38 CQWY	CQWY 005023	-16.1
20/07/2024	17:11 RRYY	RRYY 000027	-16.2
21/07/2024	14:39 RQCY	RQCY 000988	-16.4
21/07/2024	14:39 RRYY	RRYY 000029	-17
22/07/2024	02:26 CQEY	CQEY 000218	-23.9
23/07/2024	10:05 RKFX	RKFX 000021	-24.1
23/07/2024	10:05 RKFX	RKFX 000021	-16.6
23/07/2024	10:05 RKWY	RKWY 004085	17.4
23/07/2024	10:05 RKWY	RKWY 004085	24.1
23/07/2024	10:05 RKWY	RKWY 004087	-32.5
23/07/2024	10:05 RKWY	RKWY 004087	-27.6
23/07/2024	10:05 RKWY	RKWY 004171	-29.9
23/07/2024	10:05 RKWY	RKWY 004171	-24.5
23/07/2024	10:05 RQCY	RQCY 000047	-27.3
23/07/2024	12:08 RKMY	RKMY 000051	-20.7
23/07/2024	12:08 RRYY	RRYY 000007	-21.3
24/07/2024	00:25 CQEY	CQEY 000218	-21.9
24/07/2024	12:15 RQCY	RQCY 000687	-23.9
24/07/2024	13:16 VQCY	VQCY 000822	-27.4
24/07/2024	13:16 VQCY	VQCY 000822	-21.8
24/07/2024	13:16 VQCY	VQCY 000982	-23.8
24/07/2024	13:16 VQCY	VQCY 000982	-20.2
25/07/2024	02:34 VQCY	VQCY 000609	-22.9
25/07/2024	02:34 VQCY	VQCY 000609	-15.9
25/07/2024	12:38 RQCY	RQCY 000988	-16.5
25/07/2024	12:38 RRYY	RRYY 000029	-19.9
25/07/2024	12:38 RRYY	RRYY 000029	-15.9
25/07/2024	19:24 RKMY	RKMY 020387	-15
25/07/2024	19:24 VQCY	VQCY 000940	-16.4
26/07/2024	09:50 RKFX	RKFX 000025	-18.4

26/07/2024	09:50 RKWY	RKWY 000017	-29.1
26/07/2024	09:50 RKWY	RKWY 000017	30.2
26/07/2024	09:50 RKWY	RKWY 000017	38.7
26/07/2024	09:50 RKWY	RKWY 002616	-34.6
26/07/2024	09:50 RKWY	RKWY 002616	-27.2
26/07/2024	09:50 RKWY	RKWY 002866	-34.2
26/07/2024	13:17 RQCY	RQCY 000968	-21.6
26/07/2024	13:17 RRYY	RRYY 000018	-15.4
27/07/2024	00:30 CQEY	CQEY 000218	-18.1
27/07/2024	11:43 RKMY	RKMY 000051	-16.3
27/07/2024	11:43 RQCY	RQCY 000957	26.4
27/07/2024	11:43 RQCY	RQCY 000957	31.3
30/07/2024	02:27 VQCY	VQCY 000609	-23.8
30/07/2024	02:27 VQCY	VQCY 000609	-18.8
30/07/2024	10:04 RKFX	RKFX 000017	-19.6
30/07/2024	10:04 RKFX	RKFX 000053	-21.9
30/07/2024	10:04 RKKY	RKKY 007313	-15
30/07/2024	10:04 RKWY	RKWY 000030	-32.7
30/07/2024	10:04 RKWY	RKWY 000030	-26.7
30/07/2024	10:04 RKWY	RKWY 002141	31.9
30/07/2024	10:04 RKWY	RKWY 004013	-20
30/07/2024	10:04 RQCY	RQCY 000840	-23.8
30/07/2024	11:35 RQCY	RQCY 000968	-19.5
30/07/2024	19:06 RQCY	RQCY 000047	-28.1
30/07/2024	19:06 RQCY	RQCY 000047	-22
30/07/2024	19:06 RRYK	RRKY 004338	-15.9
31/07/2024	13:10 RQCY	RQCY 000793	-16.3
31/07/2024	14:17 CQWY	CQWY 005056	-18.7
31/07/2024	14:17 VQCY	VQCY 000611	-26.4
31/07/2024	14:17 VQCY	VQCY 000611	-21.2
1/08/2024	12:17 VQCY	VQCY 000891	-17.2
2/08/2024	02:42 VQCY	VQCY 000609	-28.5
2/08/2024	02:42 VQCY	VQCY 000609	-24.1
2/08/2024	02:42 VQCY	VQCY 000672	-15.5
2/08/2024	10:21 RKFX	RKFX 000015	-22.3
2/08/2024	10:21 RKFX	RKFX 000015	-15.1
2/08/2024	10:21 RKFX	RKFX 000050	-15.4
2/08/2024	10:21 RKWY	RKWY 000003	-20.3
2/08/2024	10:21 RKWY	RKWY 000017	-33.9
2/08/2024	10:21 RKWY	RKWY 000017	-28.2
2/08/2024	10:21 RKWY	RKWY 002333	-21.5
2/08/2024	10:21 RKWY	RKWY 002616	-24.5
2/08/2024	10:21 RKWY	RKWY 002616	-19.6
2/08/2024	10:21 RKWY	RKWY 002854	-20.2
2/08/2024	10:21 RKWY	RKWY 002872	-15.3
2/08/2024	10:21 RKWY	RKWY 002891	-27.2
2/08/2024	10:21 RKWY	RKWY 002945	-26.9
2/08/2024	10:21 RKWY	RKWY 002945	-20.3
2/08/2024	10:21 RKWY	RKWY 004040	-27.8
2/08/2024	12:06 CQWY	CQWY 005016	-21.6



2/08/2024	12:06	CQWY	CQWY 005016	-20.8
2/08/2024	12:06	CQWY	CQWY 005016	-15.2
2/08/2024	12:06	RQCY	RQCY 000753	-28.6
2/08/2024	12:06	RQCY	RQCY 000753	-20.1
6/08/2024	10:20	RKWY	RKWY 002328	-28.1
6/08/2024	10:20	RKWY	RKWY 002328	-21.1
6/08/2024	10:20	RKWY	RKWY 002534	-27.7
6/08/2024	10:20	RKWY	RKWY 002534	-21.7
6/08/2024	10:20	RQCY	RQCY 000987	-15.9
6/08/2024	11:46	CQWY	CQWY 005002	-19.2
7/08/2024	12:16	RRYY	RRYY 000029	-18.5
7/08/2024	13:17	RQCY	RQCY 000968	-19
7/08/2024	13:17	VQCY	VQCY 000982	-18.8
8/08/2024	11:51	CQWY	CQWY 005016	-22.6
8/08/2024	11:51	CQWY	CQWY 005016	-17.4
8/08/2024	11:51	CQWY	CQWY 005016	-16.8
8/08/2024	13:47	RQCY	RQCY 000912	-15.5
8/08/2024	13:47	VQCY	VQCY 000861	-27.4
8/08/2024	13:47	VQCY	VQCY 000861	-21.7
8/08/2024	13:47	VQCY	VQCY 000861	19.4
9/08/2024	10:04	RKFX	RKFX 000021	-24
9/08/2024	10:04	RKFX	RKFX 000021	-16.8
9/08/2024	10:04	RKFX	RKFX 000021	36.1
9/08/2024	10:04	RKFX	RKFX 000021	41.2
9/08/2024	10:04	RKFX	RKFX 000024	-15.9
9/08/2024	10:04	RKWY	RKWY 002515	-17.4
9/08/2024	10:04	RKWY	RKWY 004085	-24.9
9/08/2024	10:04	RKWY	RKWY 004085	-17.7
9/08/2024	10:04	RKWY	RKWY 004113	-23.3
9/08/2024	10:04	RKWY	RKWY 004113	-17.6
9/08/2024	10:04	RKWY	RKWY 004124	25.6
9/08/2024	10:04	RKWY	RKWY 004124	30.8
9/08/2024	14:36	CQGY	CQGY 000548	-15.3
9/08/2024	14:36	RQCY	RQCY 000753	-23
9/08/2024	14:36	RQCY	RQCY 000753	-15.4
9/08/2024	14:36	RQCY	RQCY 000784	-15
10/08/2024	15:57	RQCY	RQCY 000968	-19.1
12/08/2024	00:13	CQEY	CQEY 000218	-16.2
12/08/2024	00:13	CQEY	CQEY 000218	19.2
12/08/2024	00:13	CQEY	CQEY 000218	27.1
13/08/2024	02:40	VQCY	VQCY 000609	-28.2
13/08/2024	02:40	VQCY	VQCY 000609	-23.4
14/08/2024	12:18	RQCY	RQCY 000047	-22.6
14/08/2024	12:18	RQCY	RQCY 000912	-17.3
15/08/2024	03:00	VQCY	VQCY 000609	22.2
16/08/2024	10:15	CQGY	CQGY 000548	-15
16/08/2024	10:15	RKWY	RKWY 002154	-17.2
16/08/2024	10:15	RKWY	RKWY 002333	-22.6
16/08/2024	10:15	RKWY	RKWY 002333	-16
16/08/2024	10:15	RKWY	RKWY 004001	23.4

16/08/2024	10:15 RKWY	RKWY 004027	32.8
16/08/2024	14:16 VQCY	VQCY 000616	-15.2
18/08/2024	12:40 RQCY	RQCY 000912	-22.4
18/08/2024	12:40 RQCY	RQCY 000912	-17.2
20/08/2024	09:34 RKWY	RKWY 000017	-39.7
20/08/2024	09:34 RKWY	RKWY 000017	-34.9
20/08/2024	09:34 RKWY	RKWY 002328	-35.3
20/08/2024	09:34 RKWY	RKWY 002328	-27.2
20/08/2024	09:34 RKWY	RKWY 002515	-28.2
20/08/2024	09:34 RKWY	RKWY 002987	-29.7
20/08/2024	09:34 RKWY	RKWY 002987	-24.4
20/08/2024	09:34 RKWY	RKWY 002987	37.8
20/08/2024	09:34 RKWY	RKWY 002987	41.9
20/08/2024	09:34 RKWY	RKWY 004040	-26.9
20/08/2024	09:34 RKWY	RKWY 004089	-30.9
20/08/2024	09:34 RKWY	RKWY 004089	-23.5
20/08/2024	09:34 RKWY	RKWY 004118	-15.2
20/08/2024	09:34 RKWY	RKWY 004124	32.1
20/08/2024	09:34 RKWY	RKWY 004124	39
20/08/2024	09:34 RQCY	RQCY 000784	-26.9
20/08/2024	09:34 RQCY	RQCY 000784	-19.7
22/08/2024	02:56 VQCY	VQCY 000609	-26.5
22/08/2024	02:56 VQCY	VQCY 000609	-19.8
22/08/2024	12:16 RQCY	RQCY 000912	-19.9
22/08/2024	19:04 CQWY	CQWY 005054	34.2
22/08/2024	19:04 CQWY	CQWY 005054	37.7
23/08/2024	14:37 RRYW	RRYW 000029	-20.3
24/08/2024	11:39 RKMY	RKMY 000222	-19.4
26/08/2024	09:47 RKWY	RKWY 002647	-22.5
26/08/2024	09:47 RKWY	RKWY 002871	-24
26/08/2024	09:47 RKWY	RKWY 002871	-18.9
26/08/2024	09:47 RKWY	RKWY 004063	-18
26/08/2024	09:47 RKWY	RKWY 004067	27.1
27/08/2024	10:16 RKWY	RKWY 000007	34.5
27/08/2024	10:16 RKWY	RKWY 000007	41.7
28/08/2024	02:48 CQEY	CQEY 000218	-16.8
28/08/2024	14:31 CQWY	CQWY 005016	-24.9
28/08/2024	14:31 CQWY	CQWY 005016	-18.5
28/08/2024	14:31 CQWY	CQWY 005016	-17
29/08/2024	05:18 VQCY	VQCY 000609	-25.1
29/08/2024	05:18 VQCY	VQCY 000609	-18.3
29/08/2024	14:05 CQWY	CQWY 005002	-24.8
29/08/2024	14:05 CQWY	CQWY 005002	-20.3
29/08/2024	14:05 RQCY	RQCY 000753	-24.8
29/08/2024	14:05 RQCY	RQCY 000753	-19.3
29/08/2024	14:05 RQCY	RQCY 000840	-25.2
29/08/2024	14:05 RQCY	RQCY 000840	-20.4
29/08/2024	19:11 RQCY	RQCY 000784	-20.9
30/08/2024	10:04 RKWY	RKWY 002270	-15.6
30/08/2024	10:04 RKWY	RKWY 002289	-26.3

30/08/2024	10:04	RKWY	RKWY 002289	-19.8
30/08/2024	10:04	RKWY	RKWY 002565	-20.6
30/08/2024	10:04	RKWY	RKWY 004026	-21.2
30/08/2024	10:04	RKWY	RKWY 004053	-25.9
30/08/2024	10:04	RKWY	RKWY 004053	-19.3
30/08/2024	10:04	RKWY	RKWY 004113	-37.1
30/08/2024	10:04	RKWY	RKWY 004113	-32.2
30/08/2024	10:04	RQCY	RQCY 000884	-27.4
31/08/2024	16:19	RRYY	RRYY 000029	-20.6
31/08/2024	16:19	RRYY	RRYY 000047	-19
1/09/2024	11:39	RQCY	RQCY 000004	-16.5
1/09/2024	11:39	RQCY	RQCY 000912	-17.6
2/09/2024	11:04	RKFX	RKFX 000016	-16.3
2/09/2024	11:04	RKFX	RKFX 000030	39.7
2/09/2024	11:04	RKFX	RKFX 000053	-19.7
2/09/2024	11:04	RKFX	RKFX 000058	-29.8
2/09/2024	11:04	RKFX	RKFX 000058	-23.6
2/09/2024	11:04	RKMY	RKMY 000030	-19.4
2/09/2024	11:04	RKMY	RKMY 000061	-17.1
2/09/2024	11:04	RKWY	RKWY 000006	19.4
2/09/2024	11:04	RKWY	RKWY 000020	-39.9
2/09/2024	11:04	RKWY	RKWY 000020	-33.3
2/09/2024	11:04	RKWY	RKWY 002945	-25.3
2/09/2024	11:04	RKWY	RKWY 002945	-21.6
2/09/2024	11:04	RKWY	RKWY 003009	-25.9
2/09/2024	11:04	RKWY	RKWY 004001	21
2/09/2024	11:04	RKWY	RKWY 004016	22.8
2/09/2024	11:04	RKWY	RKWY 004016	28.7
2/09/2024	11:04	RKWY	RKWY 004017	-21.2
2/09/2024	11:04	RQTY	RQTY 000026	20.9
3/09/2024	11:59	RQCY	RQCY 000840	-24.5
3/09/2024	11:59	RQCY	RQCY 000840	-19.7
4/09/2024	02:47	VQCY	VQCY 000609	-20
4/09/2024	10:04	RKMY	RKMY 020540	-19
5/09/2024	12:08	RQCY	RQCY 000912	-17.4
5/09/2024	19:18	CQWY	CQWY 005057	-16.5
6/09/2024	10:16	RKFX	RKFX 000023	-18.4
6/09/2024	10:16	RKWY	RKWY 002515	-25.8
6/09/2024	10:16	RKWY	RKWY 002919	-19.5
6/09/2024	10:16	RKWY	RKWY 002969	-23.9
6/09/2024	10:16	RKWY	RKWY 002969	-18.4
6/09/2024	10:16	RKWY	RKWY 004007	-15.3
6/09/2024	10:16	RKWY	RKWY 004015	27.4
6/09/2024	10:16	RKWY	RKWY 004015	33.1
6/09/2024	10:16	RKWY	RKWY 004171	-22.7
6/09/2024	10:16	RKWY	RKWY 004171	-17.8
6/09/2024	10:16	RQCY	RQCY 000884	-26.6
6/09/2024	10:16	RQCY	RQCY 000884	-20.2
6/09/2024	10:16	RRKY	RRKY 004337	-22.8
6/09/2024	10:16	RRKY	RRKY 004337	-15.1

6/09/2024	14:04 RRYY	RRYY 000029	-23.3
6/09/2024	14:04 RRYY	RRYY 000029	-22.9
6/09/2024	14:04 RRYY	RRYY 000029	-17
6/09/2024	14:04 RRYY	RRYY 000029	-15.4
6/09/2024	14:04 RRYY	RRYY 000047	-24.4
6/09/2024	14:04 RRYY	RRYY 000047	-17.9
6/09/2024	15:20 CQWY	CQWY 005054	-20.8
7/09/2024	01:03 CQEY	CQEY 000218	-20
7/09/2024	04:26 VQCY	VQCY 000609	-23.5
7/09/2024	04:26 VQCY	VQCY 000609	-17.3
7/09/2024	11:40 RQCY	RQCY 000753	-18.1
7/09/2024	11:40 RQCY	RQCY 000840	-25.5
7/09/2024	11:40 RQCY	RQCY 000840	-20.3
7/09/2024	15:54 CQWY	CQWY 005016	-22.5
7/09/2024	15:54 CQWY	CQWY 005016	-16.5
7/09/2024	15:54 RKMY	RKMY 020387	-23.7
7/09/2024	15:54 RKMY	RKMY 020387	-17.6
9/09/2024	10:11 RKFX	RKFX 000042	-19.1
9/09/2024	10:11 RKFX	RKFX 000049	-18.7
9/09/2024	10:11 RKMY	RKMY 020415	15.1
9/09/2024	10:11 RKWY	RKWY 002542	-27.8
9/09/2024	10:11 RKWY	RKWY 004001	-24.6
9/09/2024	10:11 RKWY	RKWY 004001	-20.4
9/09/2024	10:11 RKWY	RKWY 004001	34.7
9/09/2024	10:11 RKWY	RKWY 004001	38.8
9/09/2024	10:11 RKWY	RKWY 004080	15.3
10/09/2024	10:15 RKFX	RKFX 000029	-26.1
11/09/2024	12:05 CQWY	CQWY 005032	-20.2
13/09/2024	10:16 RKWY	RKWY 002289	-24.4
13/09/2024	10:16 RKWY	RKWY 002289	-17
13/09/2024	10:16 RKWY	RKWY 002534	-22.3
16/09/2024	09:30 RKWY	RKWY 004019	16
20/09/2024	10:19 RKWY	RKWY 000002	-26.8
20/09/2024	10:19 RKWY	RKWY 002647	-25.4
20/09/2024	10:19 RKWY	RKWY 004047	-23.2
20/09/2024	10:19 RKWY	RKWY 004171	-16.4
21/09/2024	11:10 CQWY	CQWY 005054	-17.6
23/09/2024	09:35 RKFX	RKFX 000023	-29.1
23/09/2024	09:35 RKFX	RKFX 000023	-21.7
23/09/2024	09:35 RKFX	RKFX 000044	-18.5
23/09/2024	09:35 RKWY	RKWY 004051	-30.7
23/09/2024	09:35 RKWY	RKWY 004051	-23.1
23/09/2024	09:35 RKWY	RKWY 004051	16.2
23/09/2024	09:35 RKWY	RKWY 004051	21.1
24/09/2024	09:34 RKFX	RKFX 000013	-21
24/09/2024	09:34 RKWY	RKWY 000030	-32.5
24/09/2024	09:34 RKWY	RKWY 000030	-26.4
24/09/2024	09:34 RKWY	RKWY 002646	-31.6
24/09/2024	09:34 RKWY	RKWY 002646	-24.6
24/09/2024	09:34 RKWY	RKWY 002891	-24.1

24/09/2024	09:34	RKWY	RKWY 002891	-17.1
24/09/2024	09:34	RKWY	RKWY 004053	-25.4
24/09/2024	09:34	RKWY	RKWY 004053	-18.3
24/09/2024	09:34	RKWY	RKWY 004085	-33
24/09/2024	09:34	RKWY	RKWY 004085	18.7
24/09/2024	09:34	RKWY	RKWY 004113	-27.9
24/09/2024	09:34	RKWY	RKWY 004113	-21.9
25/09/2024	11:50	RRYY	RRYY 000011	-20.4
27/09/2024	10:07	RKFX	RKFX 000004	20.5
27/09/2024	10:07	RKFX	RKFX 000004	27.1
27/09/2024	10:07	RKFX	RKFX 000009	-26.3
27/09/2024	10:07	RKFX	RKFX 000009	-20.3
27/09/2024	10:07	RKWY	RKWY 001976	-33.9
27/09/2024	10:07	RKWY	RKWY 001976	-26.5
27/09/2024	10:07	RKWY	RKWY 001976	22.9
27/09/2024	10:07	RKWY	RKWY 002534	-28.9
27/09/2024	10:07	RKWY	RKWY 002534	-21.9
27/09/2024	10:07	RKWY	RKWY 002534	32.4
27/09/2024	10:07	RKWY	RKWY 002534	39.2
27/09/2024	10:07	RKWY	RKWY 002869	19.3
27/09/2024	10:07	RKWY	RKWY 002869	24.2
27/09/2024	10:07	RKWY	RKWY 002875	-22.5
27/09/2024	10:07	RKWY	RKWY 002875	-16.2
27/09/2024	10:07	RKWY	RKWY 002875	29.1
27/09/2024	10:07	RKWY	RKWY 002875	32.5
27/09/2024	10:07	RKWY	RKWY 004080	-26
27/09/2024	10:07	RKWY	RKWY 004080	-16.8
30/09/2024	10:21	RKFX	RKFX 000044	-16.8
30/09/2024	10:21	RKWY	RKWY 000007	-15.7
1/10/2024	10:05	RKFX	RKFX 000025	-22.5
1/10/2024	10:05	RKWY	RKWY 000027	-27
1/10/2024	10:05	RKWY	RKWY 000027	-20.4
1/10/2024	10:05	RKWY	RKWY 002933	-18
1/10/2024	10:05	RKWY	RKWY 004133	-48.9
1/10/2024	10:05	RKWY	RKWY 004133	-40.9
2/10/2024	12:53	CQWY	CQWY 005054	-24.7
2/10/2024	12:53	CQWY	CQWY 005054	-17.8
4/10/2024	01:29	RKFX	RKFX 000023	-24.2
4/10/2024	01:29	RKFX	RKFX 000023	-18.2
4/10/2024	01:29	RKFX	RKFX 000054	-16.9
4/10/2024	01:29	RKMY	RKMY 020540	-15.3
4/10/2024	01:29	RKWY	RKWY 000007	-29.4
4/10/2024	01:29	RKWY	RKWY 000007	-22.6
4/10/2024	10:16	RKWY	RKWY 004047	-26.8
4/10/2024	10:16	RKWY	RKWY 004047	-20.3
4/10/2024	10:16	RKWY	RKWY 004171	-20.6
6/10/2024	12:14	CQWY	CQWY 005054	-30.9
6/10/2024	12:14	CQWY	CQWY 005054	-24.4
6/10/2024	12:14	CQWY	CQWY 005054	-17.4
8/10/2024	09:46	RKFX	RKFX 000009	-18.6

8/10/2024	09:46 RKFX	RKFX 000013	-26.8
8/10/2024	09:46 RKFX	RKFX 000013	-20.7
8/10/2024	09:46 RKFX	RKFX 000013	25.2
8/10/2024	09:46 RKFX	RKFX 000013	30.8
8/10/2024	09:46 RKFX	RKFX 000023	-18
8/10/2024	09:46 RKFX	RKFX 000053	-16.4
8/10/2024	09:46 RKFX	RKFX 000055	18.2
8/10/2024	09:46 RKFX	RKFX 000055	25.2
8/10/2024	09:46 RKFX	RKFX 000058	-29.2
8/10/2024	09:46 RKFX	RKFX 000058	-22
8/10/2024	09:46 RKFX	RKFX 000058	19.5
8/10/2024	09:46 RKWY	RKWY 000007	-36.7
8/10/2024	09:46 RKWY	RKWY 000007	-31.3
8/10/2024	09:46 RKWY	RKWY 002154	25.3
8/10/2024	09:46 RKWY	RKWY 002154	29.3
8/10/2024	09:46 RKWY	RKWY 002289	-34.5
8/10/2024	09:46 RKWY	RKWY 002289	-27.9
8/10/2024	09:46 RKWY	RKWY 002534	-22.6
8/10/2024	09:46 RKWY	RKWY 002534	-17.1
8/10/2024	09:46 RKWY	RKWY 002866	32.8
8/10/2024	09:46 RKWY	RKWY 004051	-47.1
8/10/2024	09:46 RKWY	RKWY 004051	-39.1
8/10/2024	09:46 RKWY	RKWY 004051	40.5
8/10/2024	09:46 RKWY	RKWY 004051	47.2
8/10/2024	09:46 RKWY	RKWY 004053	-39.6
8/10/2024	09:46 RKWY	RKWY 004053	-32.5
8/10/2024	11:40 CQWY	CQWY 005031	-22.1
8/10/2024	11:40 CQWY	CQWY 005031	-16.4
8/10/2024	11:40 CQWY	CQWY 005031	17
8/10/2024	11:40 CQWY	CQWY 005031	26.8
8/10/2024	11:40 CQWY	CQWY 005031	31.6
8/10/2024	11:40 RQCY	RQCY 000753	-28.2
8/10/2024	11:40 RQCY	RQCY 000753	-21.7
8/10/2024	11:40 RQCY	RQCY 000753	34
8/10/2024	11:40 RQCY	RQCY 000753	38.9
8/10/2024	11:40 RRYY	RRYY 000013	-26
8/10/2024	11:40 RRYY	RRYY 000013	-18.9
10/10/2024	03:43 CQEY	CQEY 000209	-18.9
10/10/2024	12:15 CQWY	CQWY 005054	-35.3
10/10/2024	12:15 CQWY	CQWY 005054	-28.1
10/10/2024	12:15 CQWY	CQWY 005054	-25.5
11/10/2024	10:16 RKFX	RKFX 000015	-22.4
11/10/2024	10:16 RKFX	RKFX 000037	-24.6
11/10/2024	10:16 RKFX	RKFX 000037	-18.3
11/10/2024	10:16 RKWY	RKWY 000002	-26.1
11/10/2024	10:16 RKWY	RKWY 000002	-18.7
11/10/2024	10:16 RKWY	RKWY 002891	-22.4
11/10/2024	10:16 RKWY	RKWY 002891	-15.1
11/10/2024	10:16 RKWY	RKWY 004085	-35.5
11/10/2024	10:16 RKWY	RKWY 004085	-27.7

12/10/2024	16:10 RRYY	RRYY 000013	-33
12/10/2024	16:10 RRYY	RRYY 000013	-26.6
13/10/2024	12:42 RKMY	RKMY 000072	-20.1
14/10/2024	10:06 RKFX	RKFX 000052	-16.9
14/10/2024	10:06 RKFX	RKFX 000053	-15.5
14/10/2024	10:06 RKFX	RKFX 000058	-16
14/10/2024	10:06 RKWY	RKWY 002289	-17.2
14/10/2024	10:06 RKWY	RKWY 002647	-33.2
14/10/2024	10:06 RKWY	RKWY 002647	-28.1
14/10/2024	10:06 RKWY	RKWY 002647	-15.3
14/10/2024	10:06 RKWY	RKWY 002869	-22.8
14/10/2024	10:06 RKWY	RKWY 002869	-15.8
14/10/2024	10:06 RKWY	RKWY 004166	-38.2
14/10/2024	10:06 RKWY	RKWY 004166	-30.9
14/10/2024	10:06 RQCY	RQCY 000840	-26.3
14/10/2024	10:06 RQCY	RQCY 000840	-20.6
15/10/2024	11:35 CQWY	CQWY 005044	-29.8
15/10/2024	11:35 CQWY	CQWY 005044	-24.9
15/10/2024	11:35 CQWY	CQWY 005044	-23
15/10/2024	11:35 CQWY	CQWY 005044	-17.3
16/10/2024	11:51 CQWY	CQWY 005054	-23.1
16/10/2024	11:51 CQWY	CQWY 005054	-17.2
17/10/2024	12:07 RKMY	RKMY 000072	-20.9
17/10/2024	20:03 RQTY	RQTY 000062	-27.7
17/10/2024	20:03 RQTY	RQTY 000062	-19.9
18/10/2024	10:05 RKWY	RKWY 002534	-26.2
18/10/2024	10:05 RKWY	RKWY 002534	-20.8
18/10/2024	10:05 RQTY	RQTY 000054	-17.8
18/10/2024	10:05 RQTY	RQTY 000054	17.8
18/10/2024	10:05 RQTY	RQTY 000054	25
19/10/2024	16:26 CQWY	CQWY 005044	-40.1
19/10/2024	16:26 CQWY	CQWY 005044	-35
19/10/2024	16:26 CQWY	CQWY 005044	-34.5
19/10/2024	16:26 CQWY	CQWY 005044	-28.8
19/10/2024	16:26 CQWY	CQWY 005044	37
19/10/2024	16:26 CQWY	CQWY 005044	42.7
19/10/2024	16:26 CQWY	CQWY 005044	43
19/10/2024	16:26 CQWY	CQWY 005044	44.4
19/10/2024	16:26 RQCY	RQCY 001002	-16
19/10/2024	16:26 RQCY	RQCY 001002	27.2
19/10/2024	16:26 RQCY	RQCY 001002	30.7
19/10/2024	16:26 RRYY	RRYY 000019	-23.8
19/10/2024	16:26 RRYY	RRYY 000019	-17.3
19/10/2024	16:26 RRYY	RRYY 000019	16.1
19/10/2024	16:26 RRYY	RRYY 000019	18.6
21/10/2024	10:17 RKFX	RKFX 000025	-32.3
21/10/2024	10:17 RKFX	RKFX 000025	-24.9
21/10/2024	10:17 RKWY	RKWY 002919	-20.9
22/10/2024	09:41 RKFX	RKFX 000029	-27.7
22/10/2024	09:41 RKFX	RKFX 000029	-20.8

22/10/2024	09:41	RKFX	RKFX 000039	-19.3
22/10/2024	11:41	CQWY	CQWY 005054	-27.2
22/10/2024	11:41	CQWY	CQWY 005054	-22.1
22/10/2024	11:41	CQWY	CQWY 005054	-20.1
23/10/2024	02:21	CQEY	CQEY 000209	-19
23/10/2024	09:40	RKFX	RKFX 000017	-22.9
23/10/2024	09:40	RKFX	RKFX 000023	-23.8
23/10/2024	09:40	RKFX	RKFX 000023	-17.6
23/10/2024	09:40	RKFX	RKFX 000044	-21.2
23/10/2024	09:40	RKFX	RKFX 000054	-22.5
23/10/2024	09:40	RKFX	RKFX 000058	-27.4
23/10/2024	09:40	RKFX	RKFX 000058	-20.5
23/10/2024	09:40	RKWY	RKWY 002289	-29.3
23/10/2024	09:40	RKWY	RKWY 002289	-23.3
23/10/2024	09:40	RKWY	RKWY 004133	-37.5
23/10/2024	09:40	RKWY	RKWY 004133	-30.5
24/10/2024	09:41	RQTY	RQTY 000015	-15.6
25/10/2024	09:41	RKFX	RKFX 000016	-31.1
25/10/2024	09:41	RKFX	RKFX 000016	-25.1
25/10/2024	09:41	RKFX	RKFX 000022	-15.7
26/10/2024	16:10	CQWY	CQWY 005054	-31.5
26/10/2024	16:10	CQWY	CQWY 005054	-24.7
27/10/2024	19:40	RQCY	RQCY 001005	-20.2
28/10/2024	09:41	RKFX	RKFX 000009	-29
28/10/2024	09:41	RKFX	RKFX 000009	-22.9
28/10/2024	09:41	RKFX	RKFX 000015	-25.5
28/10/2024	09:41	RKFX	RKFX 000015	-17.7
28/10/2024	09:41	RKFX	RKFX 000037	-22.4
28/10/2024	09:41	RKFX	RKFX 000037	-16.3
29/10/2024	10:12	RKFX	RKFX 000021	-30.8
29/10/2024	10:12	RKFX	RKFX 000021	-23.1
29/10/2024	10:12	RKFX	RKFX 000021	16.1
29/10/2024	10:12	RKFX	RKFX 000021	21.5
29/10/2024	10:12	RKFX	RKFX 000023	-23.4
29/10/2024	10:12	RKFX	RKFX 000023	-18.8
29/10/2024	10:12	RKFX	RKFX 000040	-29.2
29/10/2024	10:12	RKFX	RKFX 000040	-22.6
29/10/2024	10:12	RKFX	RKFX 000053	-27
29/10/2024	10:12	RKFX	RKFX 000058	-22.3
29/10/2024	10:12	RKFX	RKFX 000058	-16.7
29/10/2024	10:12	RKWY	RKWY 002281	-19.7
29/10/2024	10:12	RKWY	RKWY 002289	-34
29/10/2024	10:12	RKWY	RKWY 002289	-27.3
29/10/2024	10:12	RKWY	RKWY 004016	-16
29/10/2024	10:12	RKWY	RKWY 004019	-21.3
29/10/2024	10:12	RKWY	RKWY 004051	-28.4
29/10/2024	10:12	RKWY	RKWY 004051	-22.9
29/10/2024	10:12	RKWY	RKWY 004107	-25.5
29/10/2024	10:12	RKWY	RKWY 004107	-19.6
29/10/2024	10:12	RKWY	RKWY 004133	-30.8



29/10/2024	10:12 RKWY	RKWY 004133	-24.5
29/10/2024	10:12 RQCY	RQCY 001007	-24.5
29/10/2024	10:12 RQCY	RQCY 001007	-17.8
1/11/2024	09:44 RKFX	RKFX 000019	-21.8
1/11/2024	09:44 RKFX	RKFX 000042	-24.8
1/11/2024	09:44 RKWY	RKWY 002919	-16.3
1/11/2024	09:44 RRKY	RRKY 002762	-21.8
1/11/2024	09:44 RRKY	RRKY 002762	-16.7
1/11/2024	11:41 RRYY	RRYY 000038	-16.4
1/11/2024	13:40 RRYY	RRYY 000013	-18.3
4/11/2024	09:40 RKWY	RKWY 004113	-34.7
4/11/2024	09:40 RKWY	RKWY 004113	-26.9
5/11/2024	10:10 RKFX	RKFX 000019	-28.7
5/11/2024	10:10 RKFX	RKFX 000019	-22.7
5/11/2024	10:10 RKFX	RKFX 000042	-22.1
5/11/2024	10:10 RKWY	RKWY 002919	-20.2
8/11/2024	09:43 RKWY	RKWY 000027	-20.9
8/11/2024	09:43 RKWY	RKWY 000030	-30.4
8/11/2024	09:43 RKWY	RKWY 000030	-24.2
8/11/2024	09:43 RKWY	RKWY 004087	-18.3
8/11/2024	09:43 RKWY	RKWY 004087	37.8
8/11/2024	09:43 RKWY	RKWY 004087	46
8/11/2024	15:45 CQWY	CQWY 005054	-27.7
8/11/2024	15:45 CQWY	CQWY 005054	-21
10/11/2024	11:55 CQWY	CQWY 005018	-17.8
11/11/2024	09:40 RKFX	RKFX 000015	-23
11/11/2024	09:40 RKFX	RKFX 000015	-15
11/11/2024	09:40 RKFX	RKFX 000017	-20.5
11/11/2024	09:40 RKFX	RKFX 000017	-17
11/11/2024	09:40 RKFX	RKFX 000037	-16.3
11/11/2024	09:40 RKFX	RKFX 000038	-16
11/11/2024	09:40 RKWY	RKWY 000029	-25.7
11/11/2024	09:40 RKWY	RKWY 000029	-19.4
11/11/2024	09:40 RKWY	RKWY 002141	-19.6
12/11/2024	12:41 RRYY	RRYY 000038	-21.6
14/11/2024	09:42 RQCY	RQCY 000957	-22.9
14/11/2024	09:42 RQCY	RQCY 000957	-16.6
15/11/2024	10:28 RKFX	RKFX 000004	-22.4
15/11/2024	10:28 RKFX	RKFX 000004	-16.3
15/11/2024	10:28 RKFX	RKFX 000015	-15.4
15/11/2024	10:28 RKFX	RKFX 000017	-21.4
15/11/2024	10:28 RKFX	RKFX 000021	-23.6
15/11/2024	10:28 RKFX	RKFX 000021	-16
15/11/2024	10:28 RKFX	RKFX 000026	-16.8
15/11/2024	10:28 RKFX	RKFX 000029	-25.7
15/11/2024	10:28 RKFX	RKFX 000029	-18.9
15/11/2024	10:28 RKFX	RKFX 000039	-21.3
15/11/2024	10:28 RKFX	RKFX 000039	-15.1
15/11/2024	10:28 RKWY	RKWY 000027	-25.8
15/11/2024	10:28 RKWY	RKWY 000027	-20.6

15/11/2024	10:28 RKWY	RKWY 002542	-34.3
15/11/2024	10:28 RKWY	RKWY 002542	-28.6
15/11/2024	10:28 RKWY	RKWY 004053	-20.6
15/11/2024	10:28 RKWY	RKWY 004087	-30.1
15/11/2024	10:28 RKWY	RKWY 004087	-23.9
15/11/2024	10:28 RKWY	RKWY 004166	-24.6
15/11/2024	10:28 RKWY	RKWY 004166	-16.6
17/11/2024	12:10 CQWY	CQWY 005016	-20.4
17/11/2024	12:10 CQWY	CQWY 005016	-16.8
20/11/2024	13:12 CQWY	CQWY 005037	-26.2
20/11/2024	13:12 CQWY	CQWY 005037	-20.8
21/11/2024	12:11 CQWY	CQWY 005012	-15.9
21/11/2024	12:11 CQWY	CQWY 005016	-17.2
22/11/2024	14:40 CQWY	CQWY 005055	-15.7
24/11/2024	12:12 CQWY	CQWY 005037	-16.8
24/11/2024	20:00 CQWY	CQWY 005041	-15.4
26/11/2024	11:52 RRY Y	RRY Y 000047	-17.2
27/11/2024	14:12 CQWY	CQWY 005010	-18.5
28/11/2024	12:12 CQWY	CQWY 005037	-23
28/11/2024	12:12 CQWY	CQWY 005037	-17.2
28/11/2024	12:12 CQWY	CQWY 005047	-20.5
28/11/2024	12:12 CQWY	CQWY 005047	-19.9
28/11/2024	12:12 CQWY	CQWY 005047	17.8
28/11/2024	12:12 CQWY	CQWY 005047	18.4
28/11/2024	12:12 RRY Y	RRY Y 000013	-24.2
28/11/2024	12:12 RRY Y	RRY Y 000013	-16.8
28/11/2024	21:16 CQWY	CQWY 005005	-22.9
28/11/2024	21:16 CQWY	CQWY 005005	-21.8
28/11/2024	21:16 CQWY	CQWY 005005	-16.7
29/11/2024	13:16 CQWY	CQWY 005012	-25.1
29/11/2024	13:16 CQWY	CQWY 005012	-19.5
29/11/2024	13:16 CQWY	CQWY 005012	-15.2
30/11/2024	01:46 CQEY	CQEY 000209	-20
30/11/2024	16:11 RRY Y	RRY Y 000047	-15.9
2/12/2024	10:11 RKWY	RKWY 000007	-25.5
2/12/2024	10:11 RKWY	RKWY 000020	-37.2
2/12/2024	10:11 RKWY	RKWY 000020	-31.2
2/12/2024	10:11 RKWY	RKWY 000029	-25
2/12/2024	10:11 RKWY	RKWY 000029	-18.7
2/12/2024	10:11 RKWY	RKWY 002328	-25.4
2/12/2024	10:11 RKWY	RKWY 002328	-18.4
2/12/2024	10:11 RRKY	RRKY 002754	-16.5
3/12/2024	11:43 RRY Y	RRY Y 000013	-19.2
4/12/2024	12:12 RRY Y	RRY Y 000047	-20.4
4/12/2024	14:10 CQWY	CQWY 005037	-26.6
4/12/2024	14:10 CQWY	CQWY 005037	-21.3
7/12/2024	15:58 RRY Y	RRY Y 000013	-25.9
7/12/2024	15:58 RRY Y	RRY Y 000013	-19.2
8/12/2024	12:41 CQWY	CQWY 005018	-21
8/12/2024	12:41 CQWY	CQWY 005018	-17.3

8/12/2024	12:41 RQTY	RQTY 000032	-19.2
10/12/2024	10:12 RKWY	RKWY 004053	-20
13/12/2024	13:45 RRYY	RRYY 000013	-17.4
15/12/2024	21:11 CQWY	CQWY 005047	-15.8
16/12/2024	11:10 CQWY	CQWY 005018	-18.5
16/12/2024	11:10 CQWY	CQWY 005018	-17.4
17/12/2024	09:40 CQGY	CQGY 000548	-17.5
17/12/2024	14:45 RRYY	RRYY 000013	-23.8
17/12/2024	14:45 RRYY	RRYY 000013	-17.4
17/12/2024	19:13 CQWY	CQWY 005005	-34.4
17/12/2024	19:13 CQWY	CQWY 005005	-30.5
17/12/2024	19:13 CQWY	CQWY 005005	-28.1
17/12/2024	19:13 CQWY	CQWY 005005	-22.2
19/12/2024	09:45 RQTY	RQTY 000032	-24.1
19/12/2024	09:45 RQTY	RQTY 000032	-17.3
19/12/2024	13:26 CQWY	CQWY 005059	-18
20/12/2024	12:41 CQWY	CQWY 005018	-17.2
20/12/2024	14:47 CQWY	CQWY 005010	-15.7
21/12/2024	11:41 RRYY	RRYY 000013	-22.6
21/12/2024	11:41 RRYY	RRYY 000013	-17.7
21/12/2024	15:28 RRYY	RRYY 000042	-19.7
21/12/2024	15:28 RRYY	RRYY 000042	-16.2
28/12/2024	11:41 CQWY	CQWY 005012	-19.9
29/12/2024	12:55 RQTY	RQTY 000012	-26.1
29/12/2024	12:55 RQTY	RQTY 000012	-19.7
29/12/2024	12:55 RRYY	RRYY 000009	-18.2
29/12/2024	12:55 RRYY	RRYY 000042	-27.2
29/12/2024	12:55 RRYY	RRYY 000042	-22.1
29/12/2024	12:55 RRYY	RRYY 000042	-20.6
29/12/2024	12:55 RRYY	RRYY 000042	-16





















































