

APPENDICES

TO THE OUTAGE REVIEW TEAM
INVESTIGATION REPORT

2016 AUGUST 27 SYSTEM SHUTDOWN

APPENDIX 1: OUR's INFORMATION AND DATA REQUEST

INFORMATION AND DATA REQUEST FROM JPS FOR THE AUGUST 27th, 2016 POWER BLACKOUT

The following information are to be provided to the OUR

1. Copies of the Permit to Work issued for the maintenance work.
2. The names of personnel on Switching Duties and their competence Certificates for the nature of work that was carried out.
3. Establishing outage request;
 - a. Documentation and procedural steps used in establishing the outage between System Control and the field personnel(s).
 - b. Communication recording between System Control and field personnel during the establishment of the outage.
 - c. Documentation and procedural steps used in establishing the outage between System Control and the field personnel(s).
 - d. Communication recording between System Control and field personnel(s) during the establishment of the outage.
4. Single Line Diagram showing work area and;
 - a. the original locations where the Short and Ground were to be placed.
 - b. the actual locations where the Short and Ground was placed.
5. The maintenance record of affected relays and circuit breaker(s) implicated in the shutdown, to include any functionality tests carried out.
6. The Generating Plant Capability Report (GPCR) for the day in question.
7. The protective relay type and settings for all online generators.
8. What is the Critical Fault Clearing Time (CFCT) at:
 - a. All generator buses
 - b. 69 kV buses at generating station switchyard and
 - c. 138 kV buses
9. The primary and backup protective relaying type and settings for;
 - a. The Hunts Bay – PAJ 69 kV line

- b. The Duhaney – PAJ 69 kV line and
 - c. Other critical locations
10. What level of communication(s) exist between System Control and Field personnel(s) and were they functional.
11. What were the status of the SCADA system in terms of visibility?
12. What were the status of communication link;
- a. Prior to
 - b. During and
 - c. After
- the system shutdown
13. What were the system condition prior to the outage;
- a. Weather condition
 - b. Equipment outages, lines generators etc.
 - c. Total system demand (MW, MVAR)
 - d. MW and MVAR of online generators from SCADA
 - e. MW and MVAR of transmission line emanating from Hunts Bay from SCADA
14. The reactive power capabilities of all online generators.
15. Governor Droop settings on all generating unit
16. The test report for all Black Start generators
17. Sequence of Event (SOE) report, showing in time sequence the breaker operation to include but not limited to the following:
- a. Generators
 - b. Transformers
 - c. Transmission line
 - d. Loads
18. The operating characteristics and setting of each other protective relays that operated during the shutdown.
19. The following regarding Fault recorders;
- a. Frequency and
 - b. Voltage
- at all locations were possible.

20. The Oscillograph plots of all protective relays that operated during the blackout.
21. The Oscillographs plots showing generator operation during the blackout, where possible.
22. The operating rating and cycle of each circuit breaker that operated during the shutdown.
23. With regards to transmission line, please provide the following line parameters;
 - a. Series impedance
 - b. Shunt admittance
 - c. Voltage level
 - d. Conductor type and thermal rating
 - e. Type of line protection employed, both primary and backup
24. For the Generator Step Up (GSU) and inter-bus transformer, please provide the following:
 - a. MVA rating
 - b. Existing tap position
 - c. Tap setting ranges
25. With regards to substation loading:
 - a. SCADA measurements for all substation loads (MW, MVA) and
 - b. Also data from other means that can be used verify the accuracy of the SCADA readings.
26. The following with regards to substation capacitor banks
 - a. MVAR design rating
 - b. Voltage rating
 - c. Actual MVA output
27. For generator with regards to their steady state and dynamic characteristics, please provide the following:
 - a. X''_d and X''_q Sub-reactances in pu
 - b. X'_d and X'_q Transient reactances in pu
 - c. X_d and X_q Steady state reactances in pu
 - d. Their associated time constants
 - e. Generator and prime mover inertia constant (H)
28. Information regarding governor and excitation system block diagram characteristics and their associated gains and time constants.

29. The following information are required for the Under-frequency Load Shedding Scheme (UFLS)

- a. Feeder name and/or associated circuit breaker
- b. MW, MVAR
- c. Stage(s)
- d. Frequency threshold
- e. Substation and
- f. The method of verifying MW, MVAR at the respective points to should be provided.

30. An estimate of the unserved energy (MWh) experienced by customers during the outage need to be provided.

31. Load Flow Calibration:

- a. The calibration of the Load Flow model should include the network configuration (the removal of the Hunts Bay – PAJ 69 kV line from service) that was used to facilitate the outage, along with the sectionalisation of the 69 kV bus at PAJ to create the radial feed from Duhaney.
- b. The calibration data is to be extracted from SCADA and should be taken at the closest possible time available on SCADA, just prior to the energization of the circuit (closing of the Hunts Bay – PAJ 69 kV line).
- c. The data extract should the following;
 - i. Total MW, MVAR system demand
 - ii. MW, MVAR output of all online generators
 - iii. MVAR output of all online substation capacitor banks
 - iv. MW, MVAR loading of all online substation. These load data should be verified and provided by other sources that recorded substation loadings, and also to be made available to the OUR.
 - v. GSU and interbus transformer tap position
 - vi. MW, MVAR flow through GSU and interbus transformers and the direction of the flows.
 - vii. MW, MVAR flow through 69 kV and 138 kV transmission lines and the direction of the flows.
 - viii. Bus voltages (in pu and kV)
- d. The time for which the data were extracted should be provided.
- e. The data in items ii and iv above should be inputted into the off line Load Flow programme to start the calibration process.
- f. Upon completion of the calibration process comparison of the off line programme and the SCADA data should be done and provided.

Transient Stability Simulation Study Cases

The list below recommends some of the transient Stability simulations that should be taken into consideration following initialization of Base Case Load Flow into the Transient Stability programme. The calibrated Load Flow in item 31 above should be used for the initialization.

1. Hunts Bay to PAJ 69 kV line closed onto a Three Phase to Ground Fault at PAJ and cleared by primary line protection in the operating time as provided in the JPS preliminary report with the failed UFLS points not included.
2. Hunts Bay to PAJ 69 kV line closed onto a Three Phase to Ground Fault at PAJ and cleared by backup line protection in the operating time as provided in the JPS preliminary report with the failed UFLS points not included.
3. Hunts Bay to PAJ 69 kV line closed onto a Three Phase to Ground Fault at PAJ and cleared by primary line protection in the operating time as provided in the JPS preliminary report and WKPP tripping off line with the failed UFLS points not included.
4. Hunts Bay to PAJ 69 kV line closed onto a Three Phase to Ground Fault at PAJ, cleared in the operating time as provided in the JPS preliminary report and WKPP tripping off line and the sequential tripping of other generators in accordance with the SOE with the failed UFLS points not included.
5. Repeat cases 2 to 4 above to include all UFLS points.
6. Repeat cases 2 to 4 above with the inclusion of dynamic reactive support and failed UFLS points not included.
7. Repeat cases 2 to 4 above to include all UFLS points included and also the inclusion of dynamic reactive support.
8. Determination of Critical Fault Clearing Time (CFCT) at all critical buses throughout the system.
9. Soft copy of the calibrated Load Flow which contains the Transient Stability model should also be provided to the OUR, and should include the following PSS/E database for importation into DIgSILENT:
 - a. Raw data file
 - b. Sequence data file
 - c. Dynamic data file

- d. File containing the slider diagram

Format of Report

A complete report is to be submitted to the OUR and should include at a minimum the following:

- a. Date and time of Significant Incident;
- b. Location;
- c. Apparatus involved;
- d. Brief description of the Major System Failure;
- e. Causes of the Failure;
- f. Details of any Demand Control undertaken;
- g. Effect on other System Users including where appropriate:- duration of Incident and estimated date and time of return to normal service;
- h. Effect on generation including generation interrupted; frequency response achieved; MVAr performance achieved; and estimated date and time of return to normal service;
- i. Measures and procedures taken to restore the System;
- j. Measures that should be taken to avoid a recurrence of the failure; and
- k. An assessment of the cost associated with the failure.

The appendices of the report should include at a minimum the following;

- a. Sequence Of Event (SOE)
- b. System Input Data
 - i. Steady state
 - ii. Dynamic
- c. Protective Relay Data
 - i. Generator
 - ii. Transmission Lines
 - iii. Transformers
 - iv. UFLS
- d. Load Flow Results
- e. Stability Graphs which should contain at a minimum
 - i. Rotor Angle (degree)
 - ii. Stator Terminal Voltage (pu)
 - iii. Speed (pu)
 - iv. Real Power (MW)
 - v. Reactive Power (MVar)
 - vi. Bus voltage (pu)

vii. Bus Frequency (Hz)

APPENDIX 2: OPERATION OF THE UNDER-FREQUENCY LOAD SHEDDING SCHEME

STAGE 0 – Operation

STAGE 0			
49.35 Hz			
SUBSTATION [FEEDER]	UF RELAY A	UF RELAY B	MW
PARADISE 110: 019/6-110 [Glasgow]	ABB-'PCD2000'	P941	4.60
ORANGE BAY 310: 017 / 6 - 310 [Orange Bay]	ABB-'PCD2000'	P941	4.63
SPUR TREE 210: 064 / 6 - 210 [Santa Cruz]	ABB-'PCD2000'	P941	6.75
SPUR TREE 310: 064 / 6 - 310 [Newport]	ABB-'PCD2000'	P941	6.41
TOTAL			22.39

STAGE 1 – Operation

STAGE 1			
49.2 Hz			
SUBSTATION [FEEDER]	UF RELAY A	UF RELAY	MW
HUNTS BAY 810: 265 / 5 - 810 [Spanish Town Road]	P941	MFVU	1.92
CONSTANT SPRING 210: 191 / 6 - 210 [Mannings Hill Road]	ABB-'PCD2000'	P941	7.64
W. BOULEVARD 710: 104 / 6 - 710 [Molynes Road]	SEL 351R	P941	7.97
W. BOULEVARD 810: 104 / 6 - 810 [Red Hills Road]	ABB-'PCD2000'	P941	2.50
UP PARK CAMP 510: 245 / 6 - 510 [Mountain View Avenue]	P941	MFVU	2.20
TOTAL			22.23

STAGE 2 – Operation

STAGE 2			
48.9 Hz			
SUBSTATION [FEEDER]	UF RELAY A	UF RELAY B	MW
HUNTS BAY 510: 265 / 6 - 510 [Gold Street #1]	ABB-'PCD2000'	P941	0.00
W. BOULEVARD 310: 104 / 6 - 310 [Waltham Park]	ABB-'PCD'	P941	4.72
W. BOULEVARD 410: 104 / 6 - 410 [Half Way Tree]	ABB-'PCD2000'	P941	5.79
W. BOULEVARD 510: 04 / 6 - 510 [T3 - Constant Spring]	ABB-'PCD'	P941	5.07
W. BOULEVARD 610: 104 / 6 - 610 [Shortwood Road]	SEL351R	P941	5.86
NEW TWICKENHAM 210: 298 / 6 - 210 [Central Village]	SEL351R	P941	8.2584
NEW TWICKENHAM 410: 298 / 6 - 410 [Twickenham Park]	SEL351R	P941	5.207042
HOPE 410: 041 / 6 - 410 [Liguanea]	P143	P941	0
TOTAL			34.90

STAGE 3 – Operation

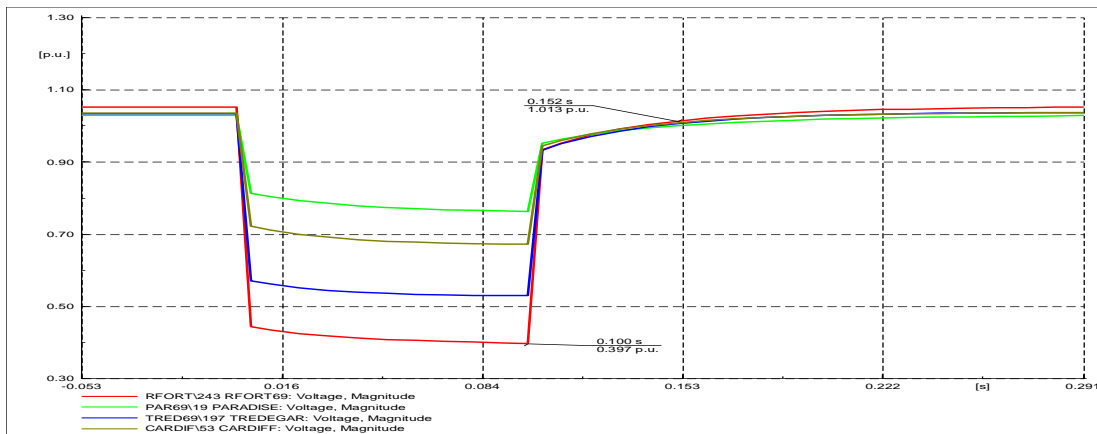
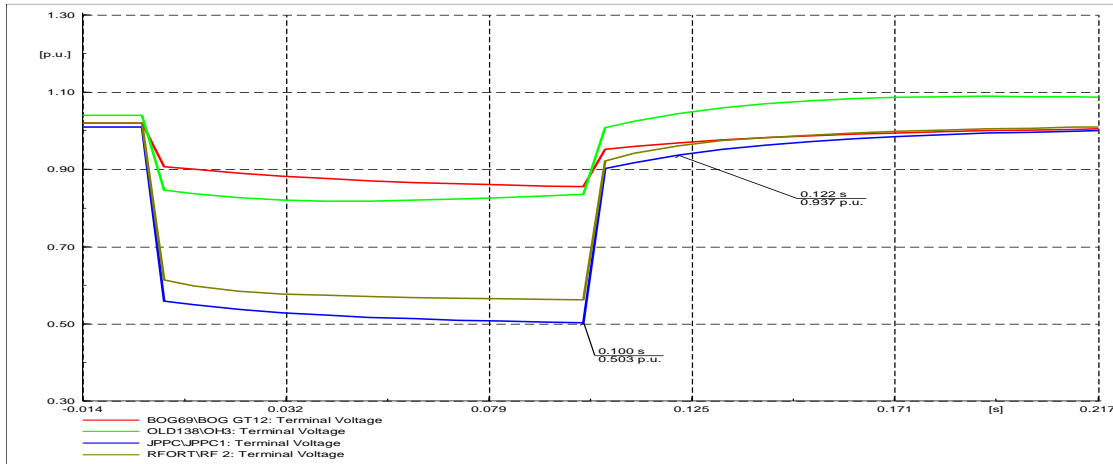
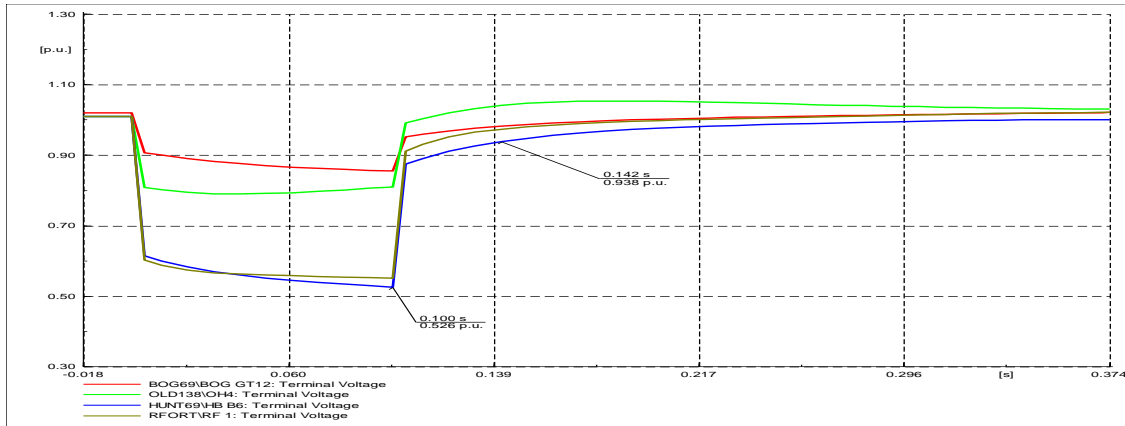
STAGE 3			
48.5 Hz			
SUBSTATION [FEEDER]	UF RELAY A	UF RELAY B	MW
CANE RIVER 310: 200 / 6 - 310 [Bull Bay / St. Thomas]	ABB-'PCD2000'	P941	4.37
KENDAL 210: 237 / 6 - 210 [Christiana]	ABB-'PCD2000'	P941	5.90
PARNASSUS 6 – 110: 026 / 6 - 210 [York Town] and 026 / 6 - 310 [Hayes]	ABB-'PCD2000'	P941	12.89
GREENWICH RD 310: 223/6-310 [Lyndhurst Rd South]	ABB-'PCD2000'	P941	3.60
GREENWICH RD 710 223 / 6 - 710 [West N. Kingston]	ABB-'PCD2000'	P941	1.86
THREE MILES MAIN 5 – 110: 289 / 5 - 310 [Kingston Freezone], 289 / 5 - 410 [Spanish Town Road] 289 / 5 - 510 [Marcus Garvey Drive]	MDF	P941	
	SEL 351R	-	
	ABB - 'PCD2000'	-	
	ABB - 'PCD2000'	-	9.70
PARNASSUS 8 - 410 [MAY PEN MAIN]: 201 / 6 - 110 [Chapleton] and 201 / 6 - 210 [May Pen]	SEL 351R	P941	
	ABB - 'PCD2000'	-	
	ABB - 'PCD2000'	-	
			10.17
HOPE 510: 041 / 6 - 510 [Gordon Town]	P143	P941	0.00
DUHANEY 210: 020 / 6 - 210 [Ferry]	ABB-'PCD2000'	P922	7.33
DUHANEY 410: 020 / 6 - 410 [Spanish Town Road]	ABB-'PCD2000'	P922	0.85
TOTAL			56.68

STAGE 4 – Operation

STAGE 4			
48.1 Hz			
SUBSTATION [FEEDER]	UF RELAY A	UF RELAY B	MW
TREDEGAR MAIN 110: 197 / 6 - 110 [Main VCB]	MFVU	P941	17.10
DUHANEY 610: DUHANEY - NAGGOS HEAD MAIN LINE [020/8-610]	MFVU	P941	12.99
WEST KINGS HOUSE 410: 241 / 6 - 410 [Trafalgar Road]	ABB - 'PCD2000'	P941	2.79
WEST KINGS HOUSE 210: 241 / 6 - 210 [Grenada Crescent]	ABB - 'PCD2000'	P941	4.60
WEST KINGS HOUSE 310: 241 / 6 - 310 [Half Way Tree]	ABB-'PCD2000'	P941	3.61
ROCKFORT 410: 243 / 6 - 410 [Down Town]	ABB-'PCD2000'	P941	5.45
GREENWICH 410: 223 / 6 - 410 [M-View / Cross Rd]	ABB-'PCD2000'	P941	
GREENWICH 510: 223 / 6 - 510 [B-Wood / S. New Kgn]	SEL 351R	P941	4.77
TOTAL			51.30

APPENDIX 3: STABILITY STUDY RESULT PLOTS FOR CASES #2 to #11

Case #2: Three phase to ground fault on the Hunts Bay – PAJ 69 kV line, at PAJ cleared in 100 ms



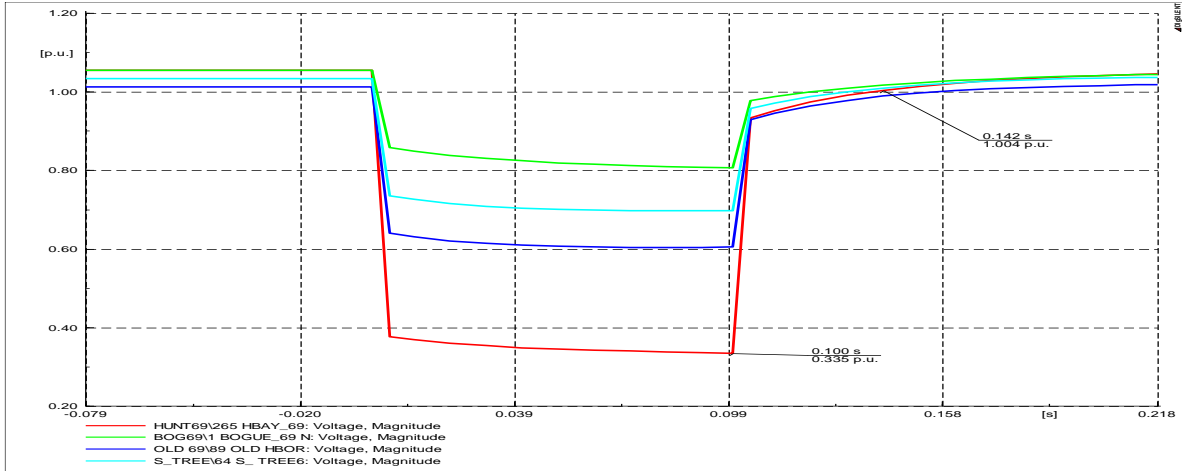


Figure 7.12: Bus Voltages

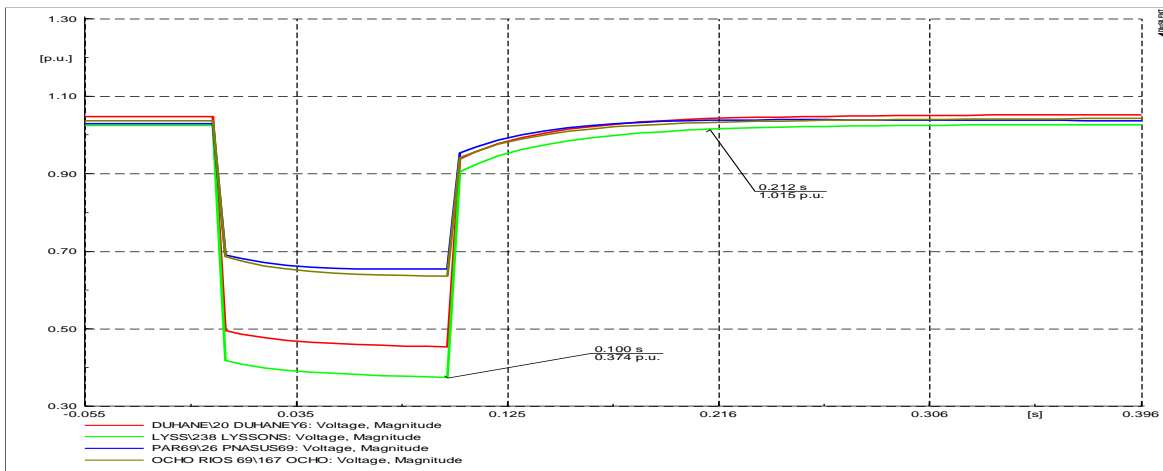


Figure 7.13: Bus Voltages

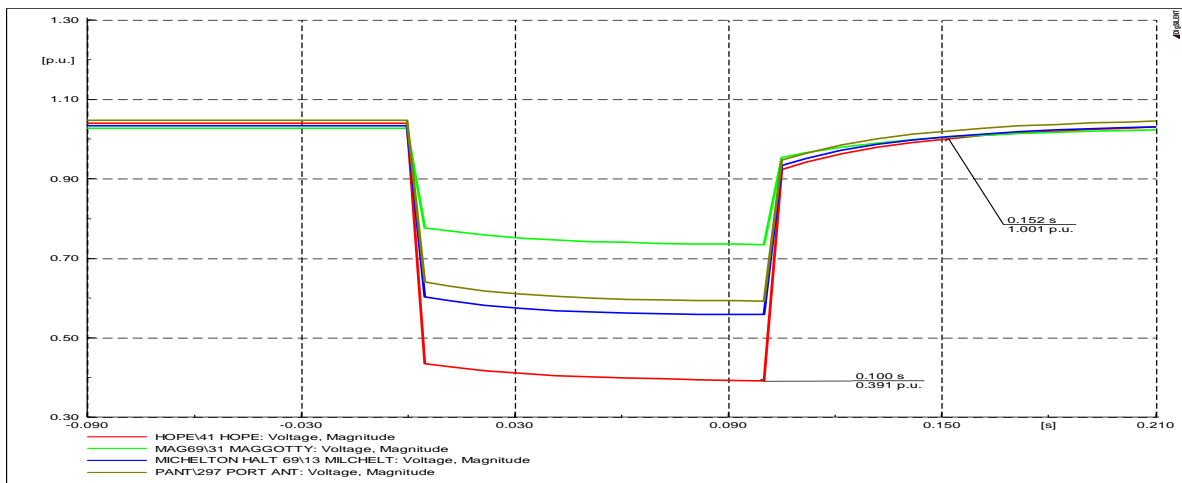


Figure 7.14: Bus Voltages

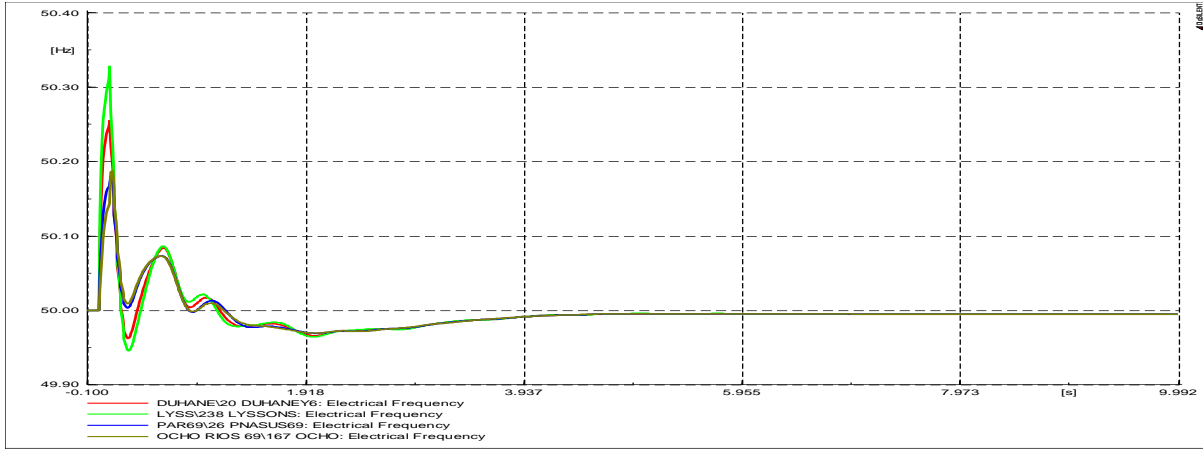


Figure 7.15: Bus Frequencies

Case #3: Three phase to ground fault on the Hunts Bay – PAJ 69 kV line, at PAJ cleared in 250 ms

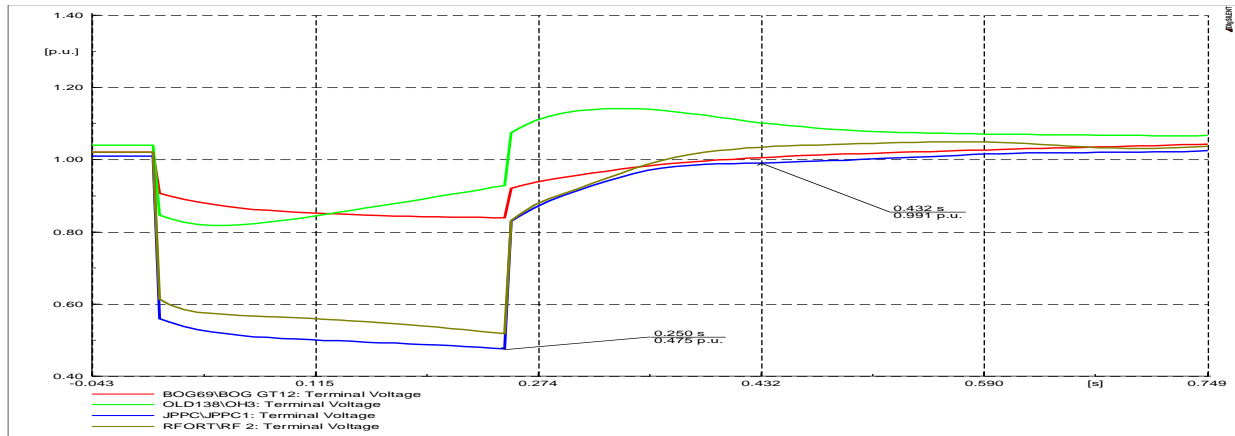


Figure 7.16: Generator Terminal Voltages

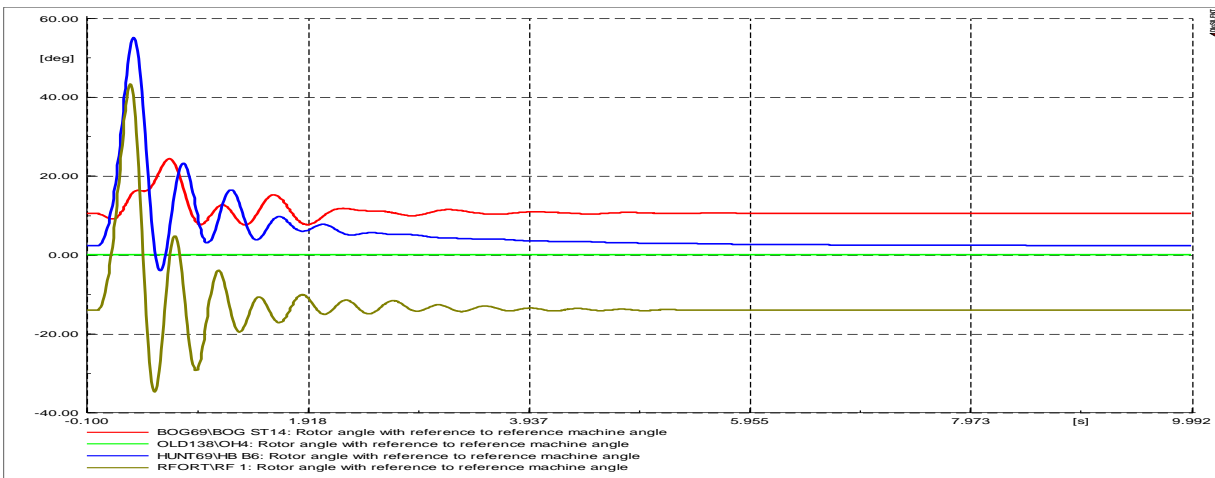


Figure 7.17: Generator Rotor Angles

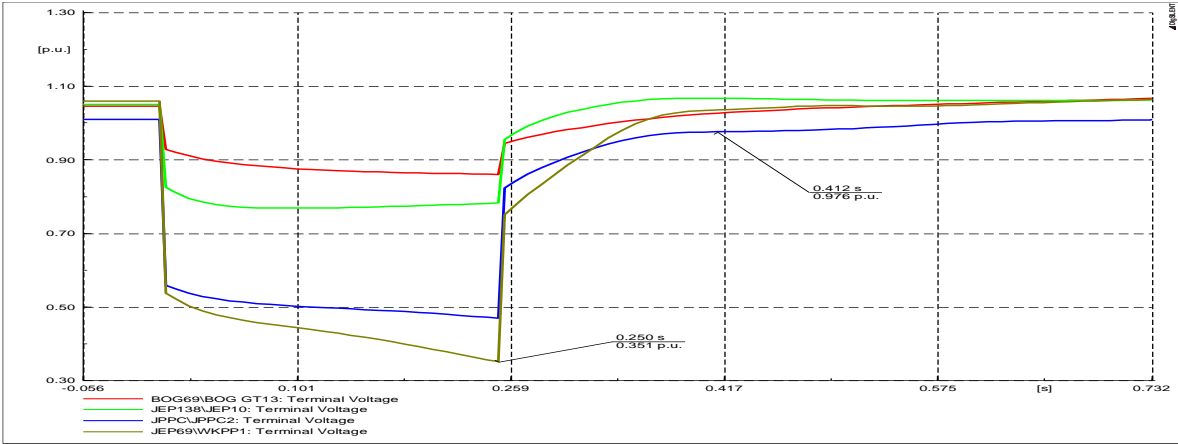


Figure 7.18: Generator Terminal Voltages

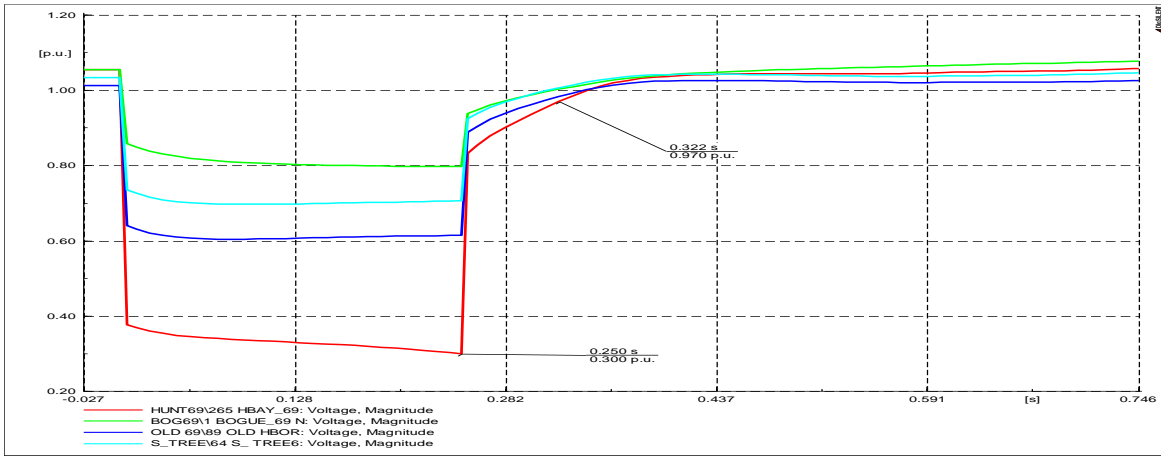


Figure 7.19: Bus Voltages

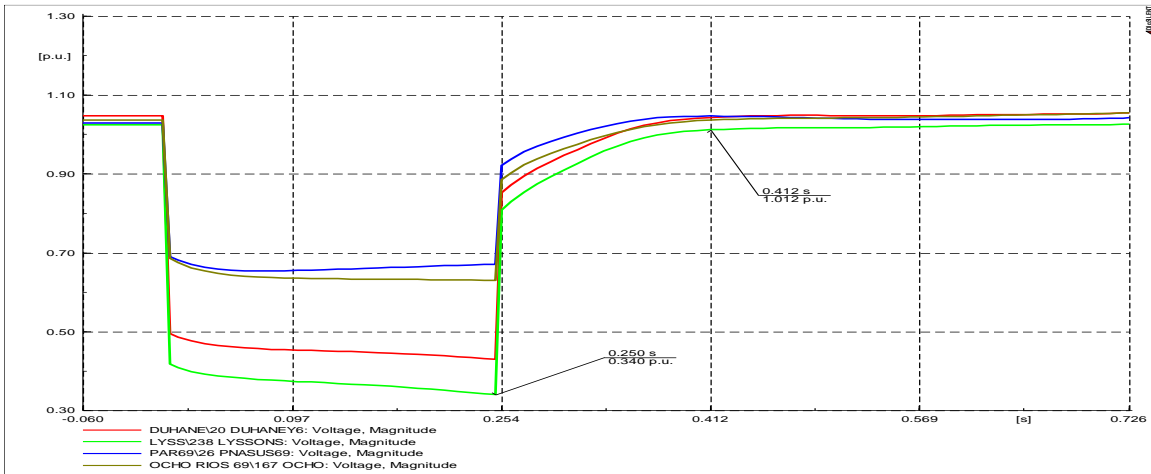


Figure 7.20: Bus Voltages

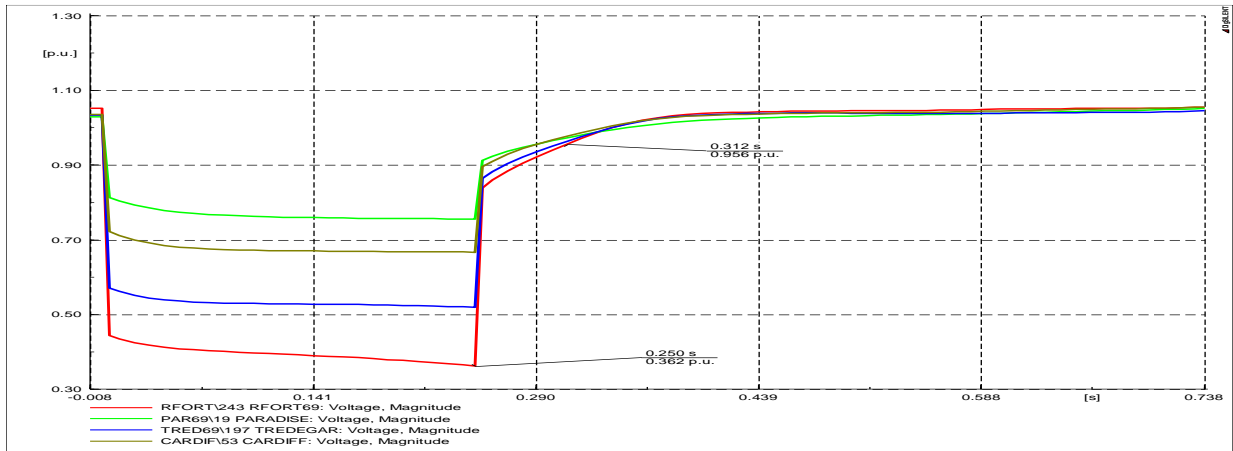


Figure 7.21: Bus Voltages

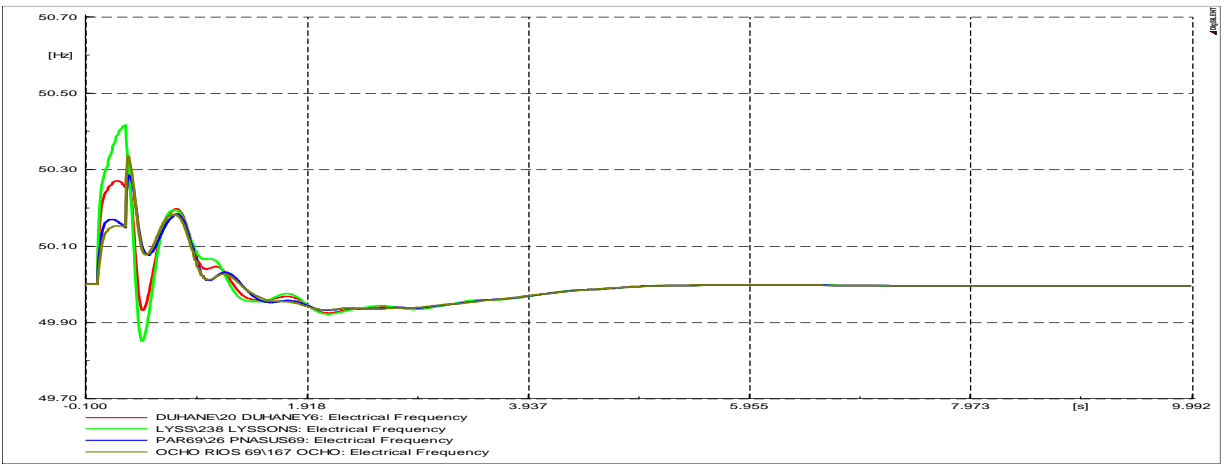


Figure 7.22: Bus Frequencies

Case #4: Three phase to ground fault on the Hunts Bay – PAJ 69 kV line, at PAJ cleared in 433 ms

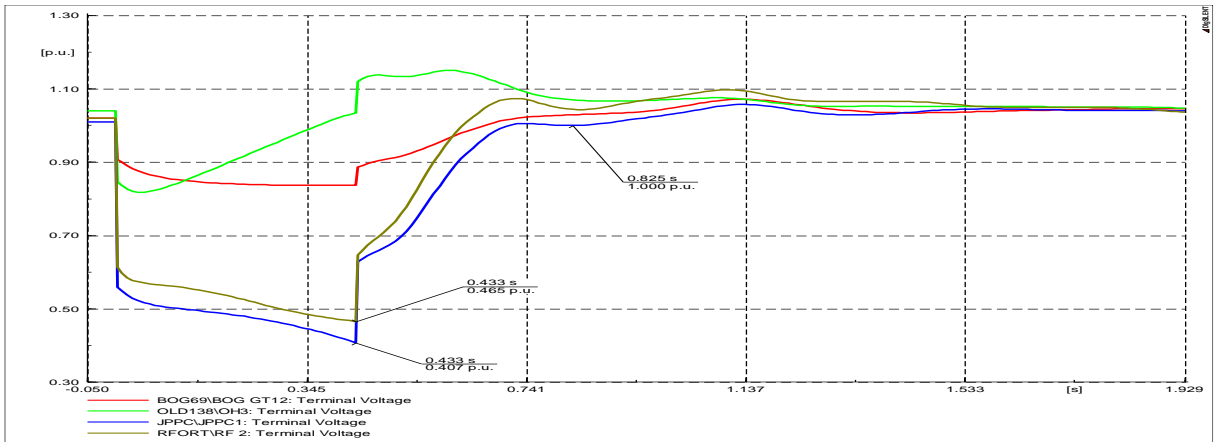


Figure 7.23: Generator Terminal Voltages

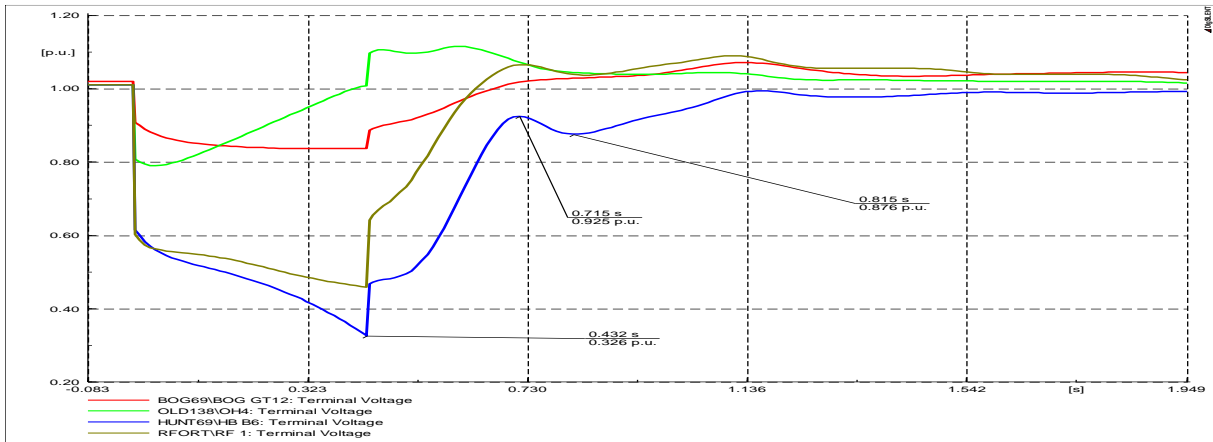


Figure 7.24: Generator Terminal Voltages

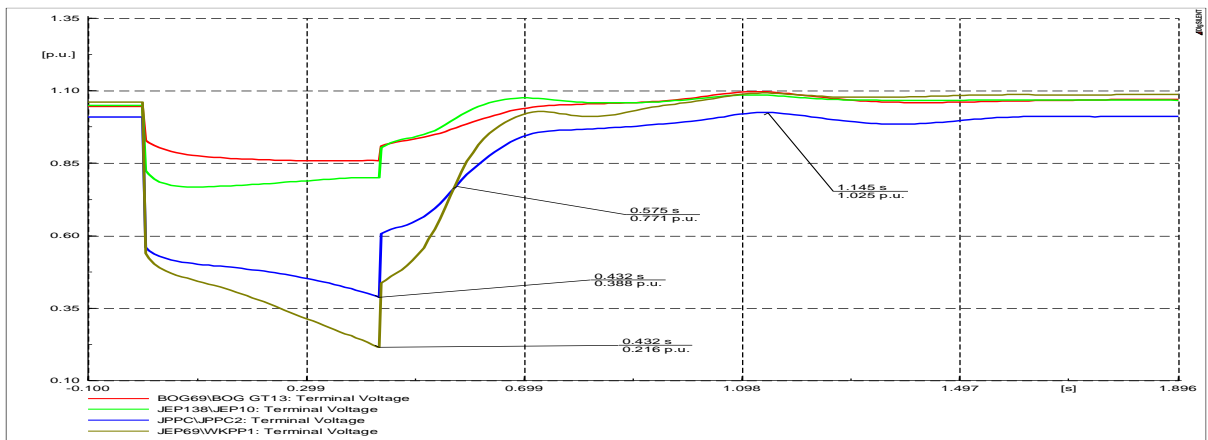


Figure 7.25: Generator Terminal Voltages

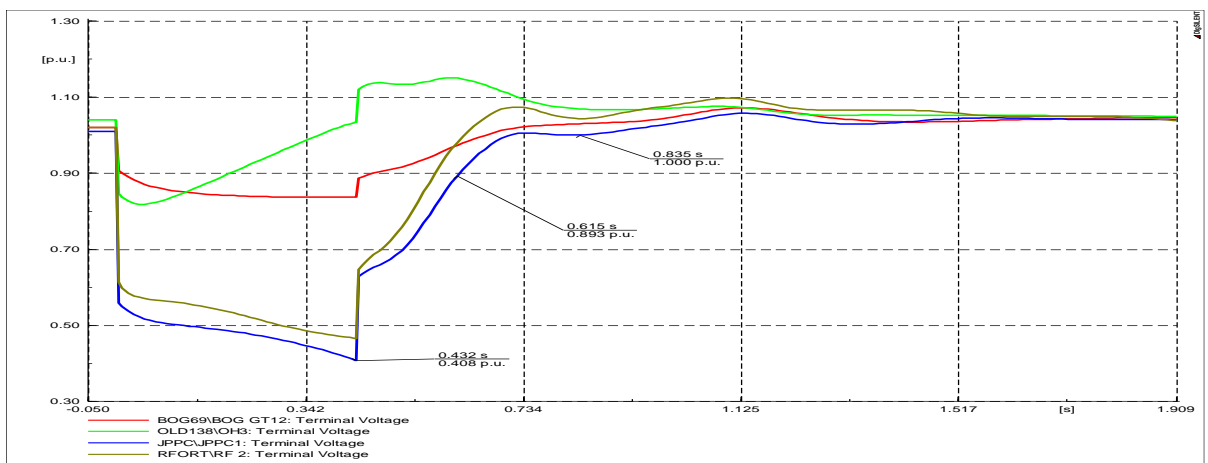


Figure 7.26: Bus Voltages

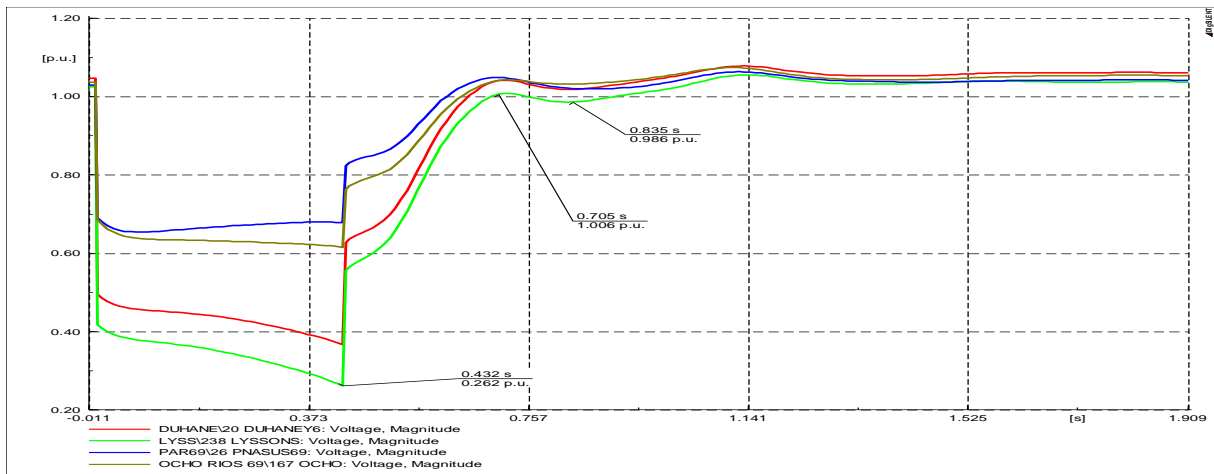


Figure 7.27: Bus voltages

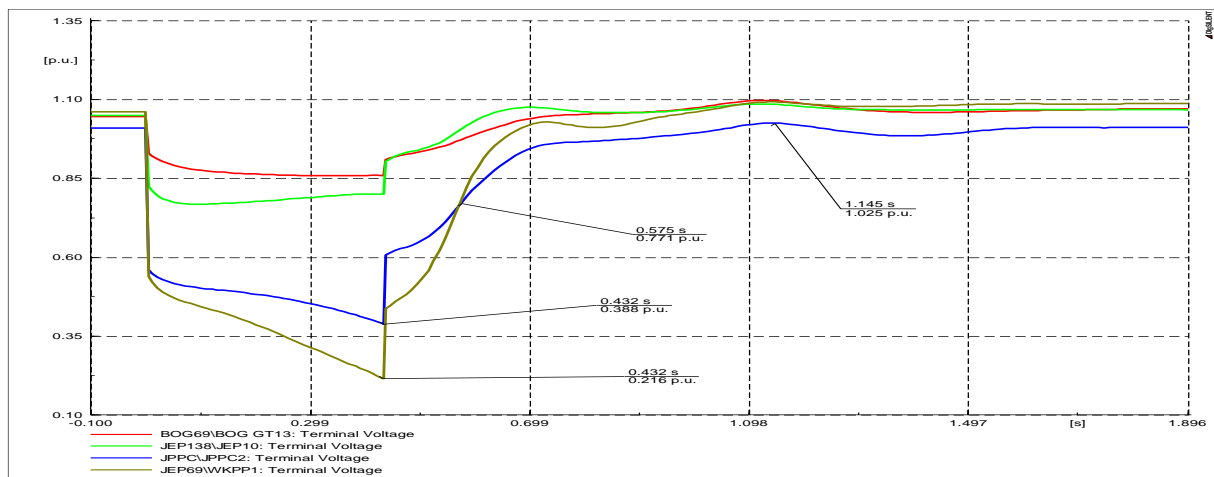


Figure 7.28: Bus Voltages

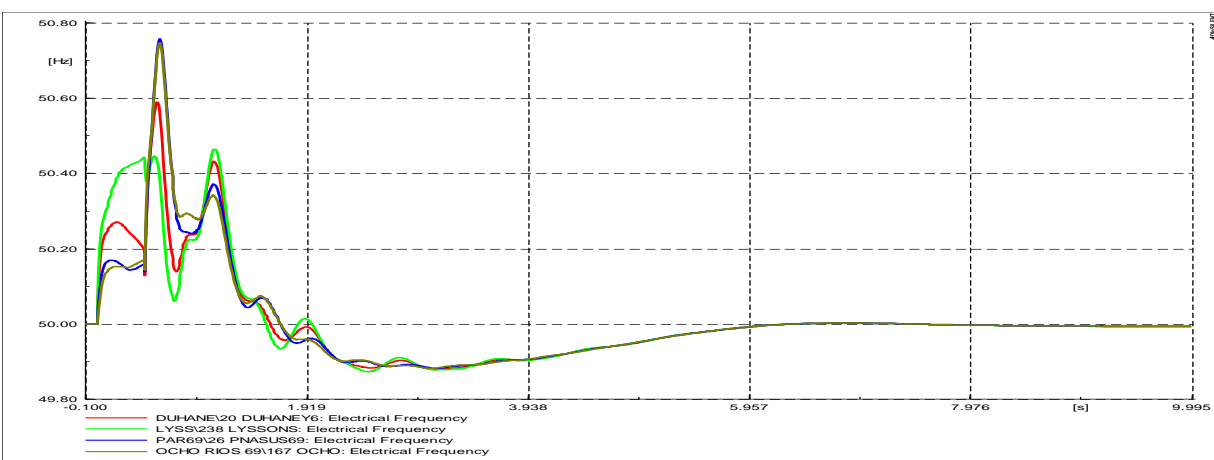


Figure 7.29: Bus frequencies

Case #5: Solid Three Phase to Ground fault at PAJ, cleared by backup protection in 433 ms with failed UFLS #5 points included. JPPC units 1 and 2 tripped at 407 ms and 455 ms respectively

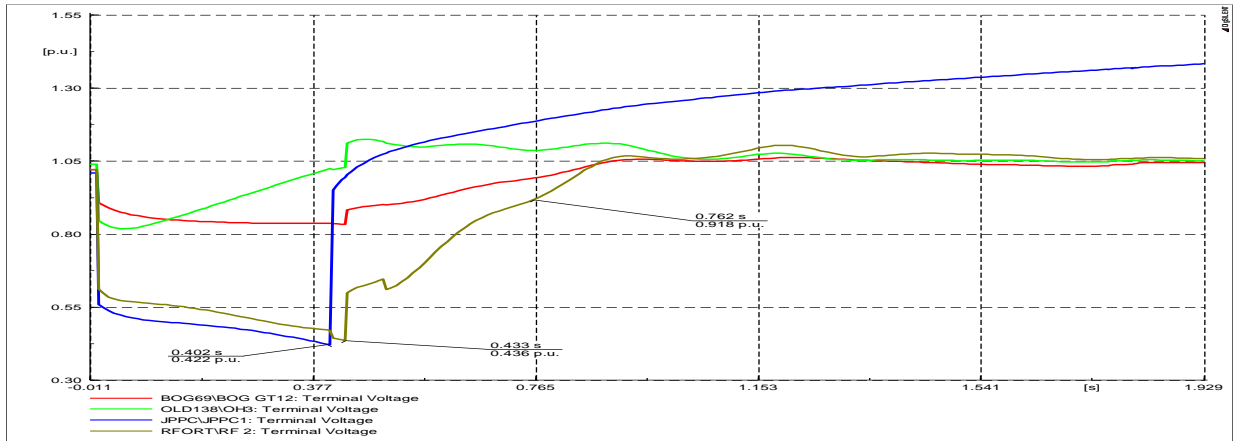


Figure 7.30: Generator Terminal Voltages

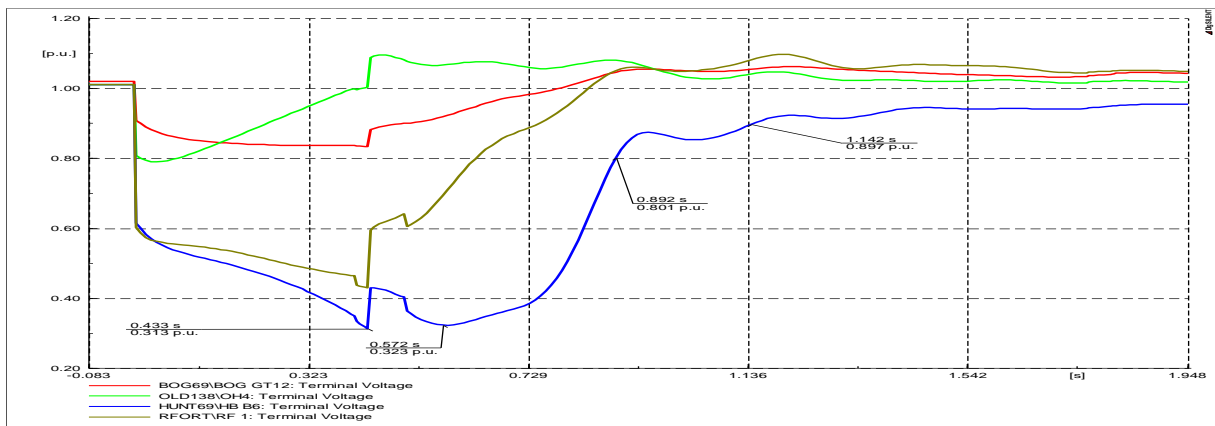


Figure 7.31: Generator Terminal Voltages

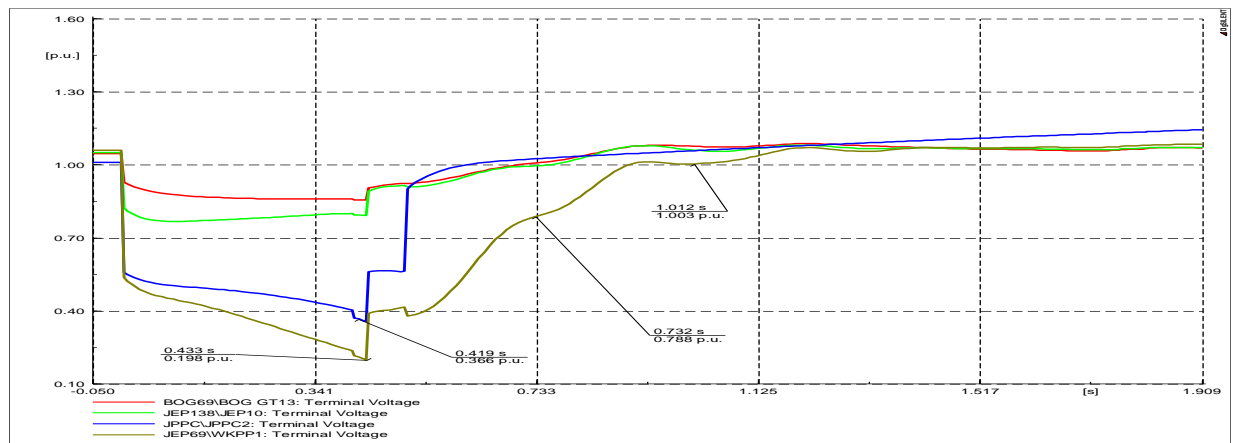


Figure 7.32: Generator Terminal Voltages

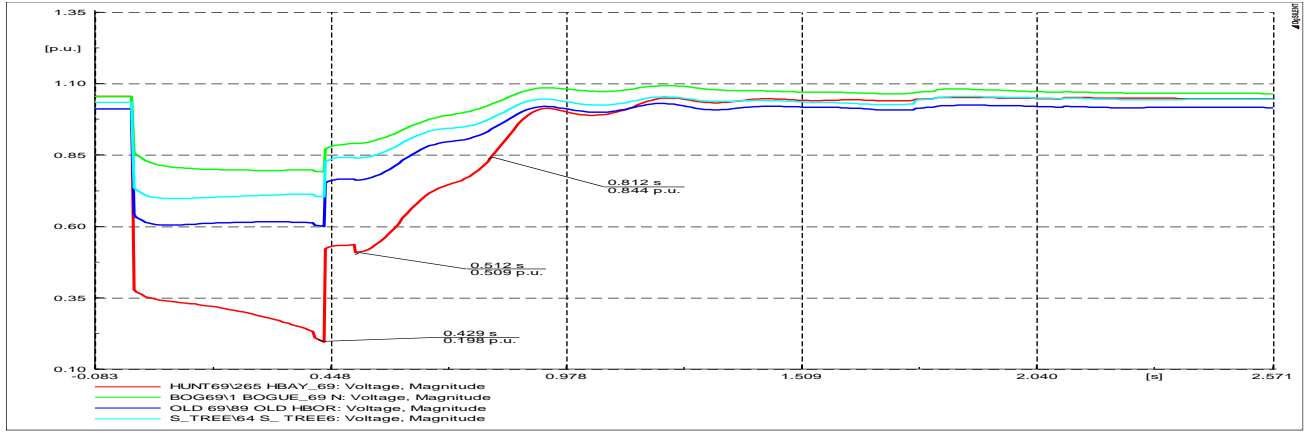


Figure 7.33: Bus Voltages

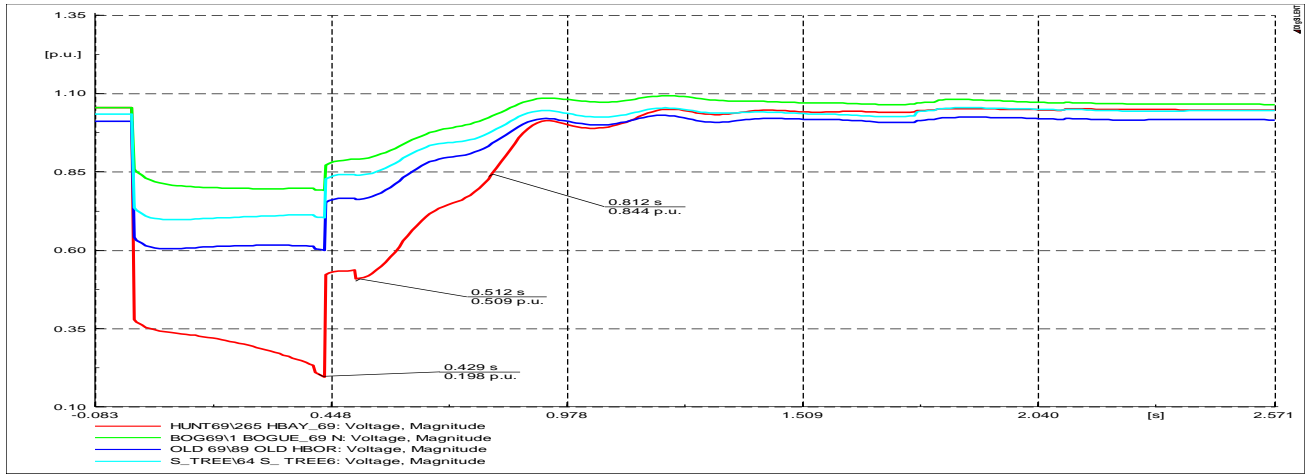


Figure 7.34: Bus Voltages

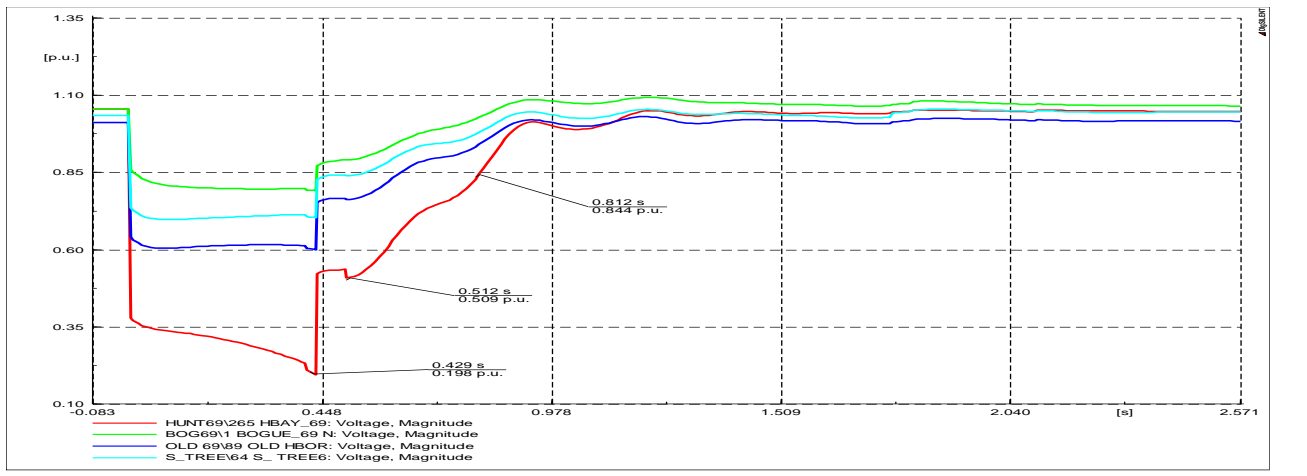


Figure 7.35: Bus Voltages

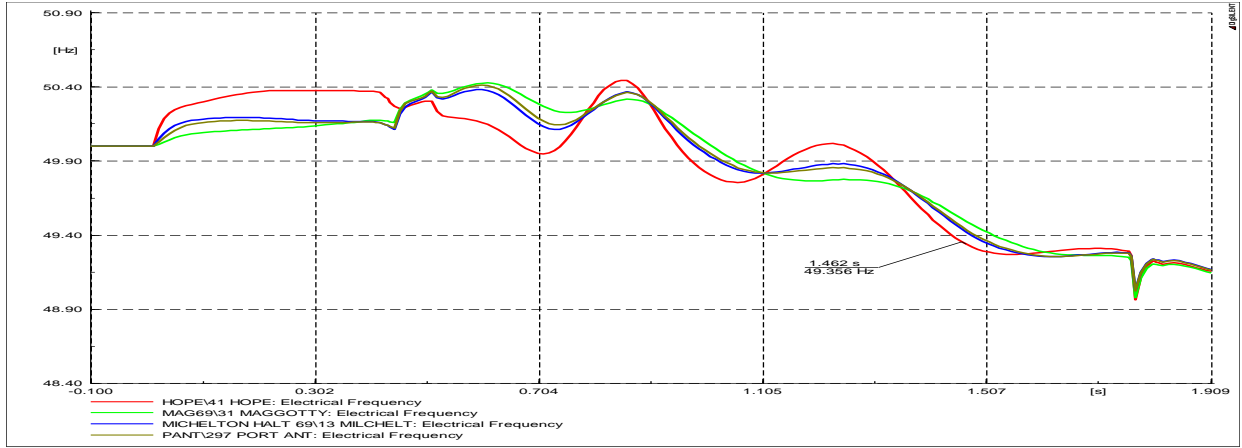


Figure 7.36: Bus Frequencies

Case #6: Solid Three Phase to Ground fault at PAJ, cleared by backup protection in 433 ms with failed UFLS points included. JPPC units and WKPP tripped according to SCADA

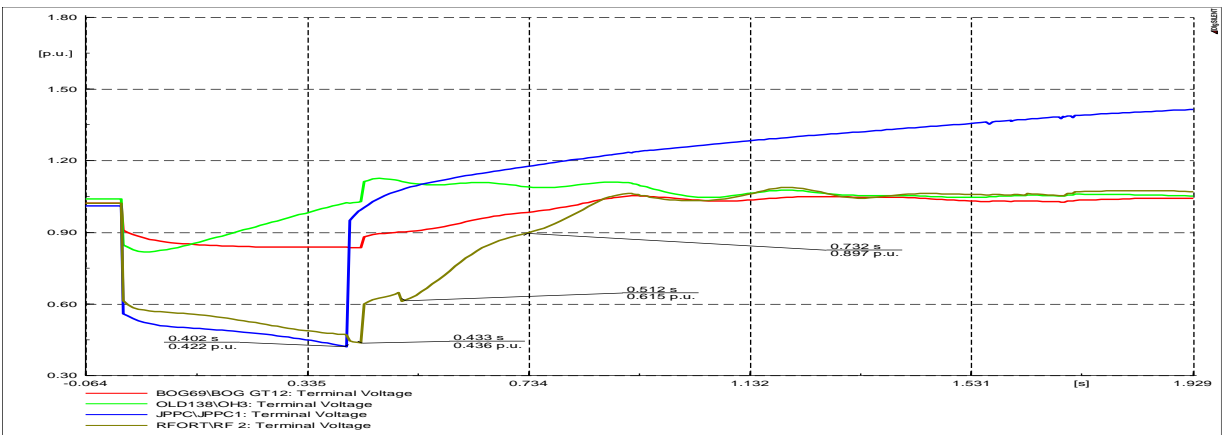


Figure 7.37: Generator Terminal Voltages

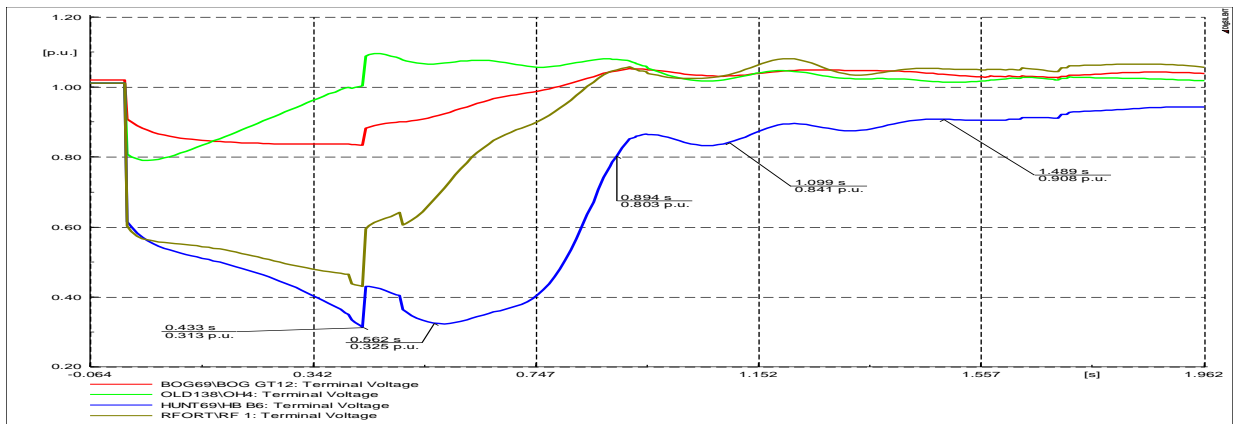


Figure 7.38: Generator Terminal Voltages

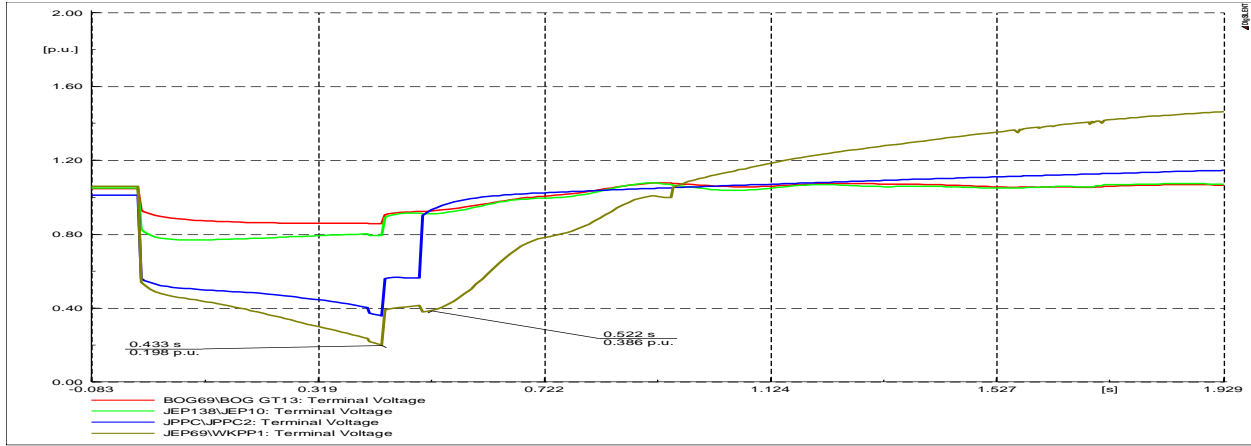


Figure 7.39: Generator Terminal Voltages

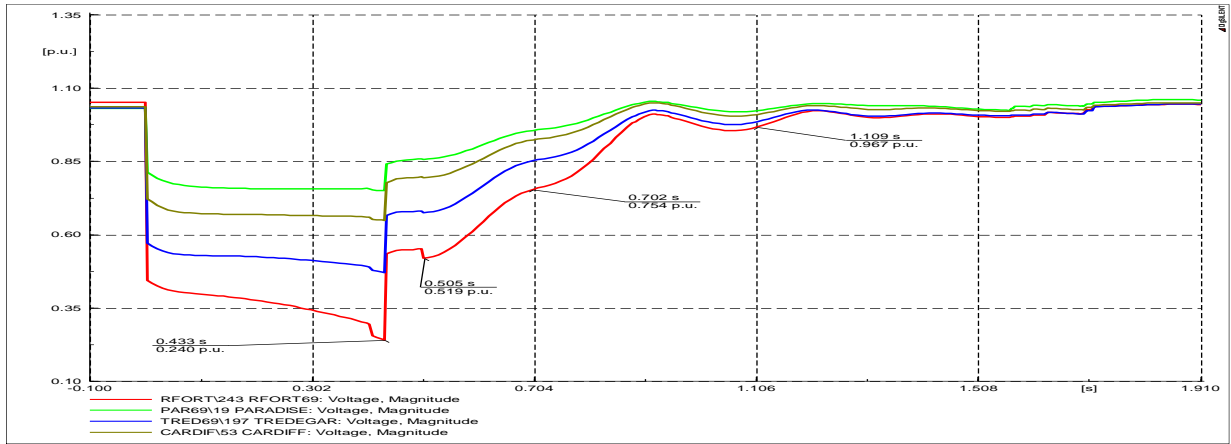


Figure 7.40: Bus voltages

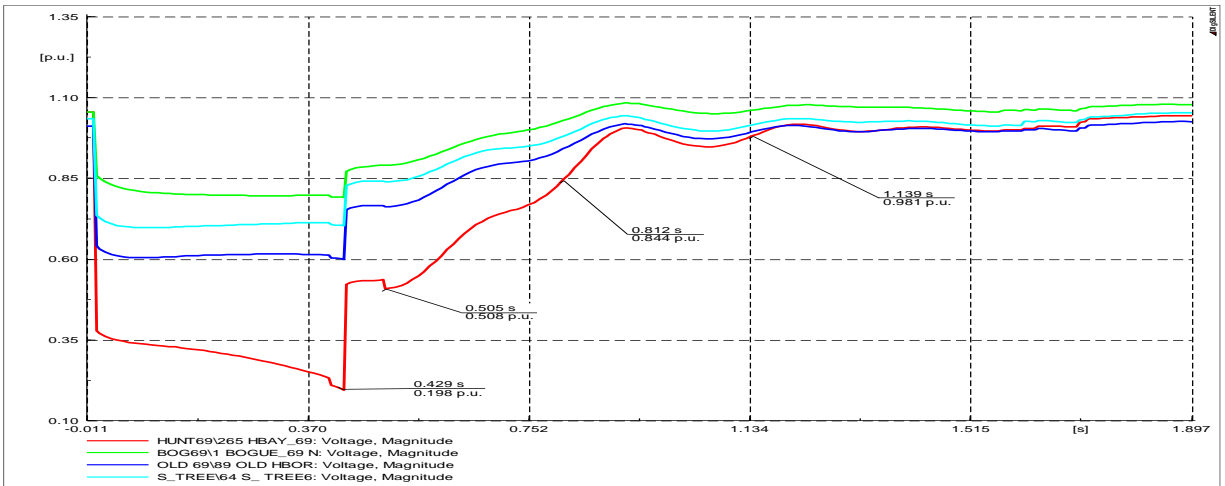


Figure 7.41: Bus voltages

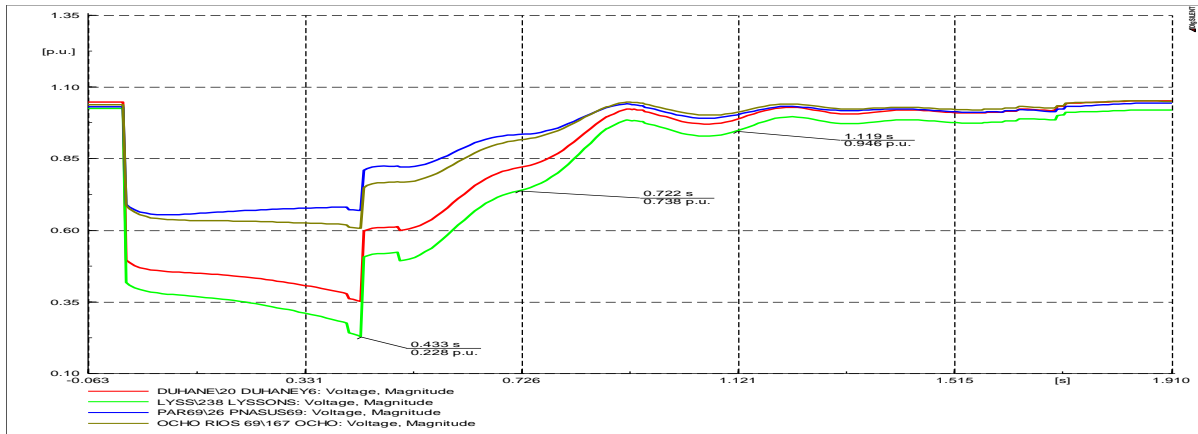


Figure 7.42: Bus Voltages

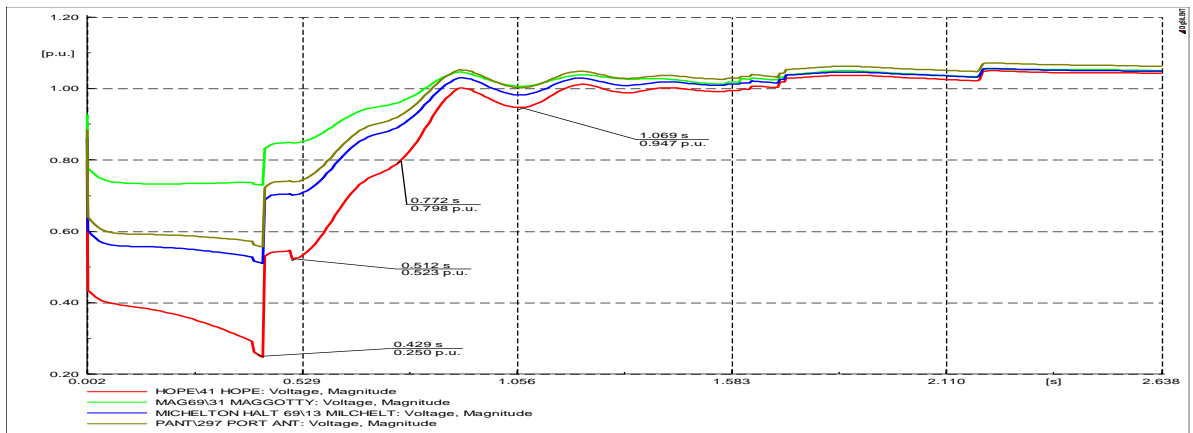


Figure 7.43: Bus Voltages

Case #7: Solid Three Phase to Ground fault at PAJ, cleared by backup protection in 433 ms with failed UFLS points included. JPPC, WKPP and JPS Rockfort units according to SCADA

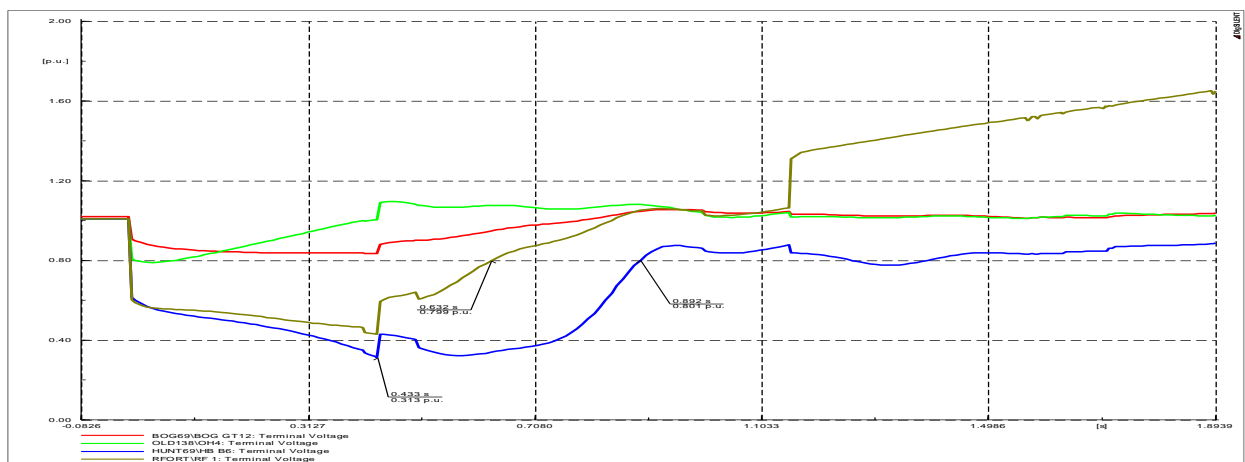


Figure 7.44: Generator Terminal Voltages

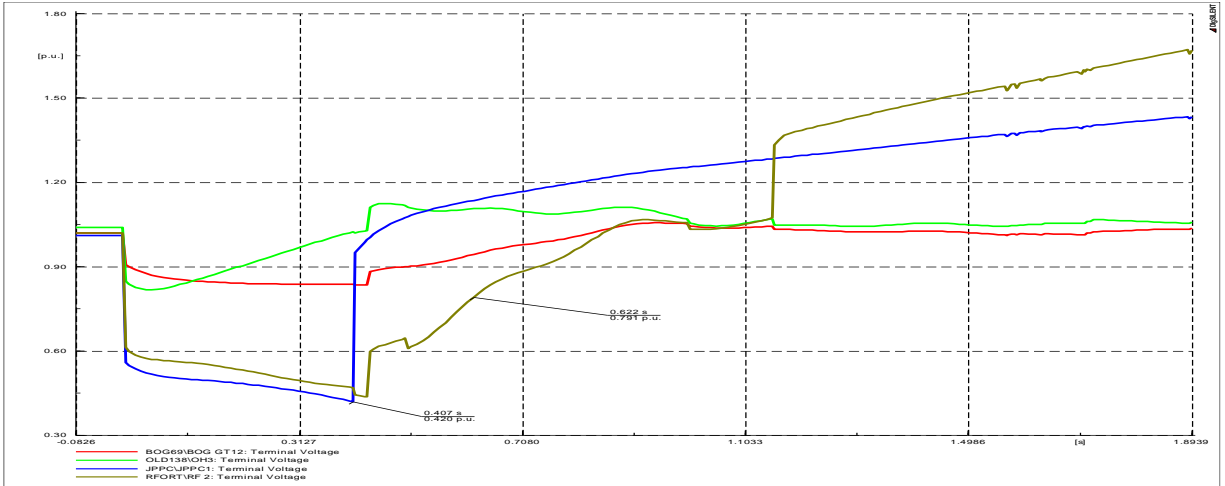


Figure 7.45: Generator Terminal Voltages

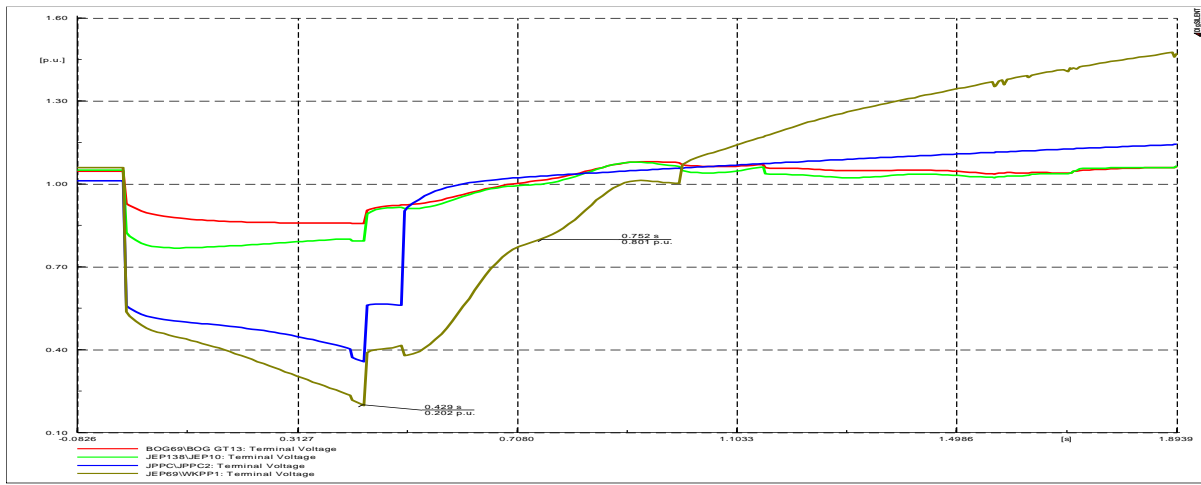


Figure 7.46: Generator Terminal Voltages

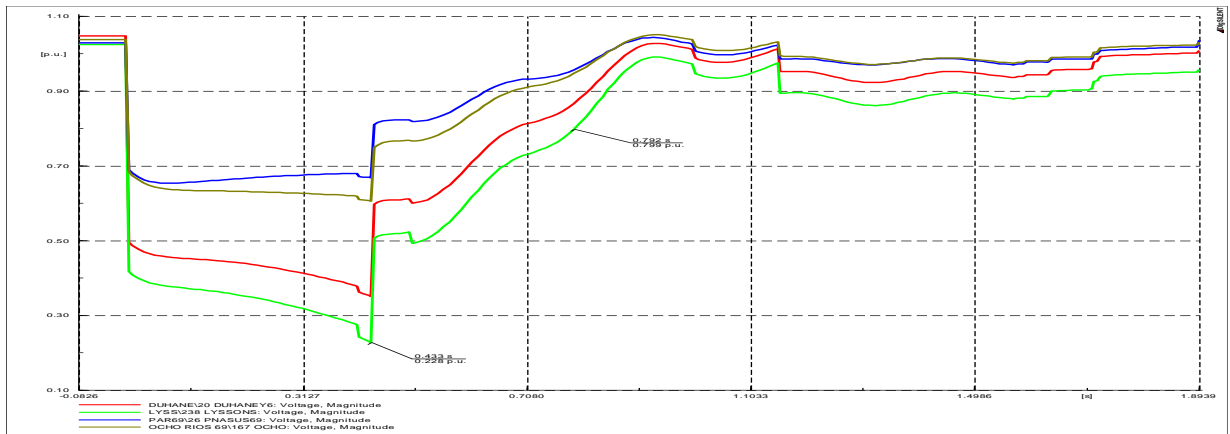


Figure 7.47: Bus Voltages

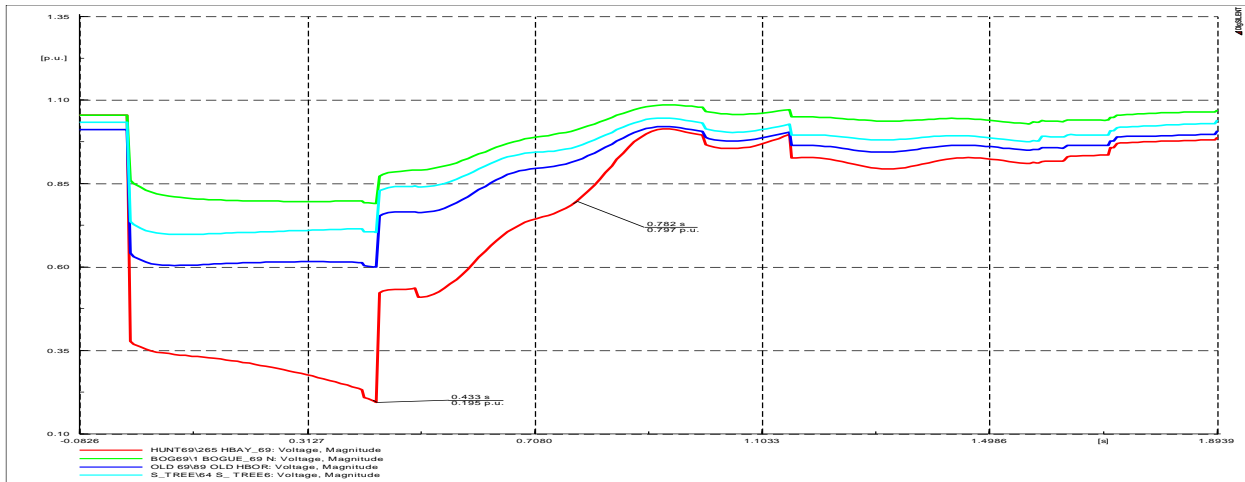


Figure 7.48: Bus Voltages

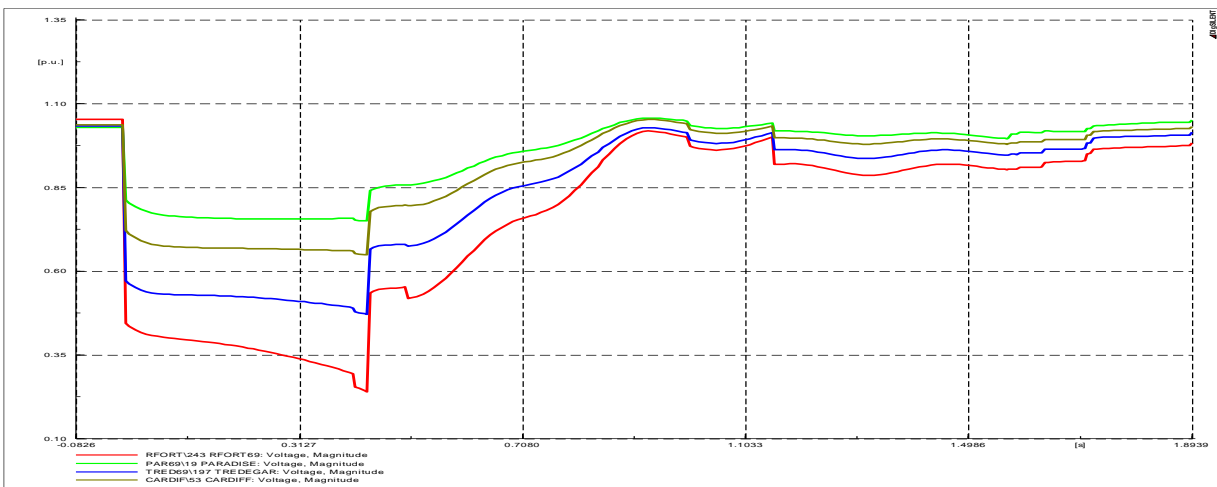


Figure 7.49: Bus Voltages

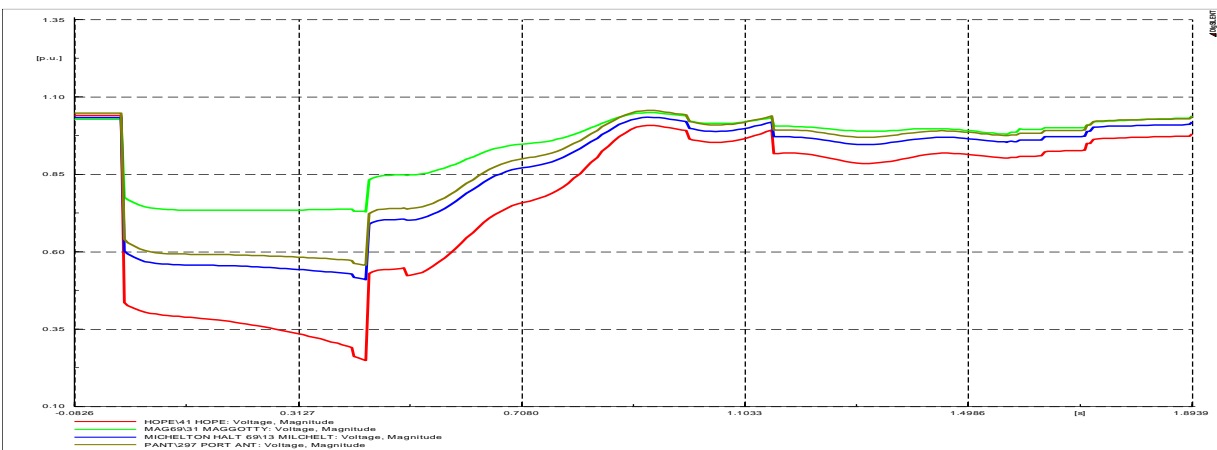


Figure 7.50: Bus Voltages

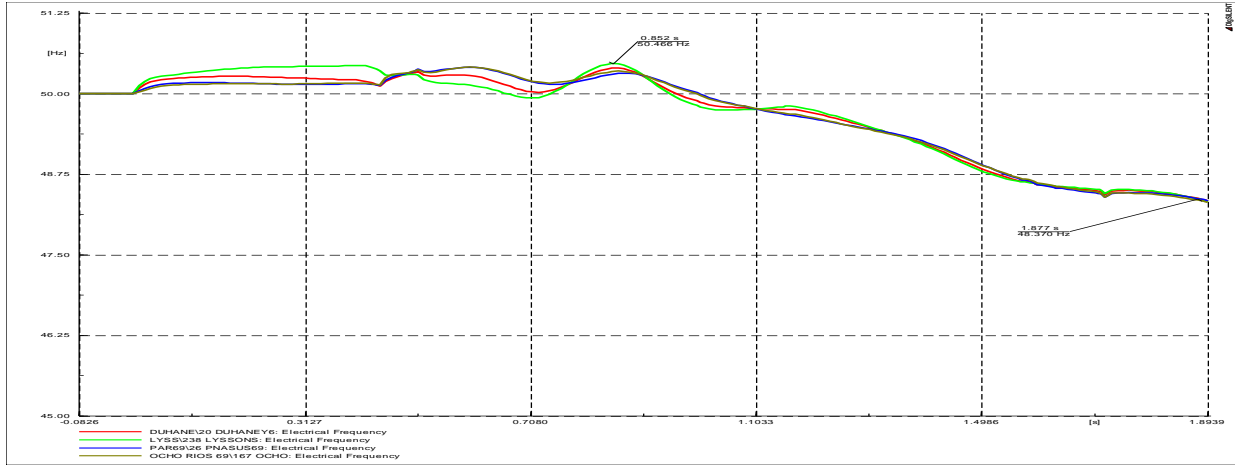


Figure 7.51: Bus Frequencies

Case 08: JPPC units 1 and 2 units tripped offline, All UFLS points included

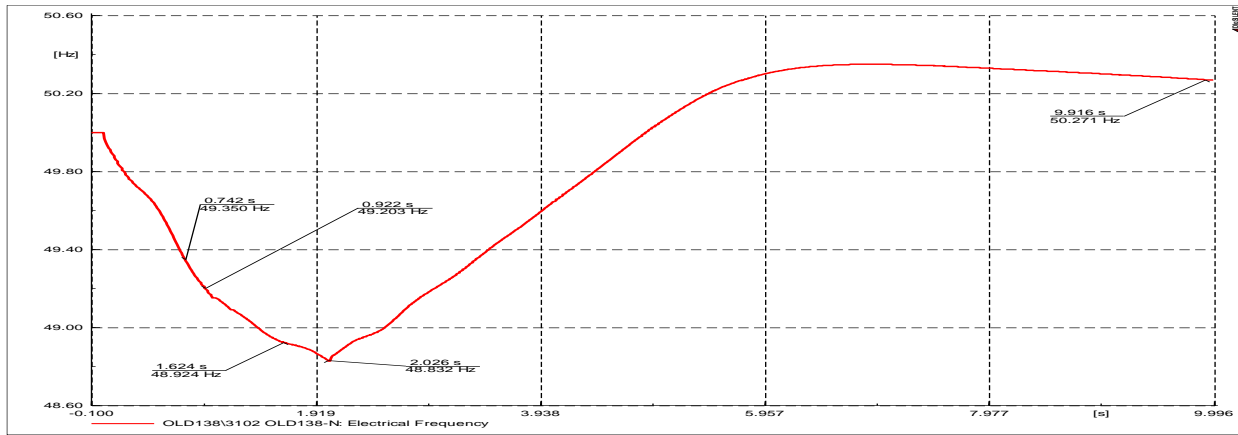


Figure 7.52: Bus Frequencies

Case 09: JPPC units 1 and 2 and WKPP units tripped offline, All UFLS points included

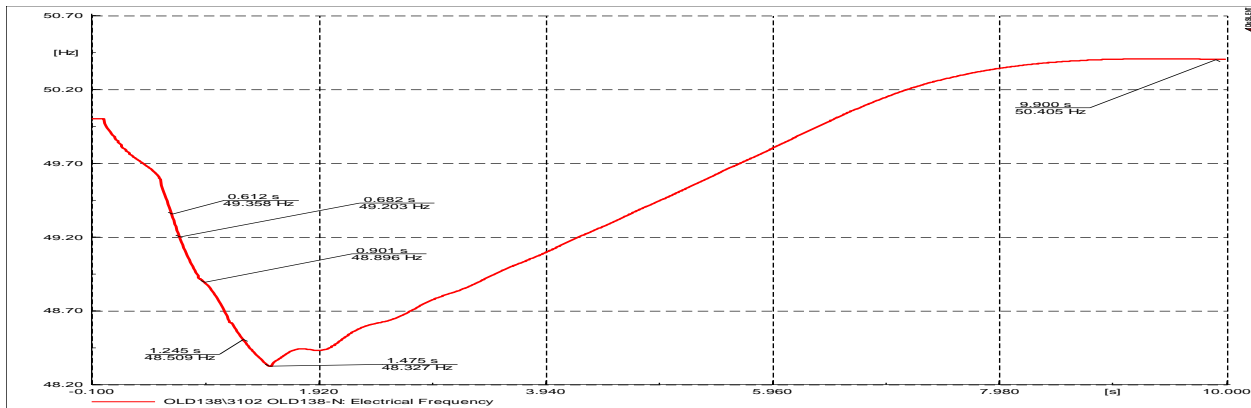


Figure 7.53: Bus Frequencies

Case 10: JPPC units 1 and 2 WKPP Hunts Bay B6 units tripped offline, All UFLS points included

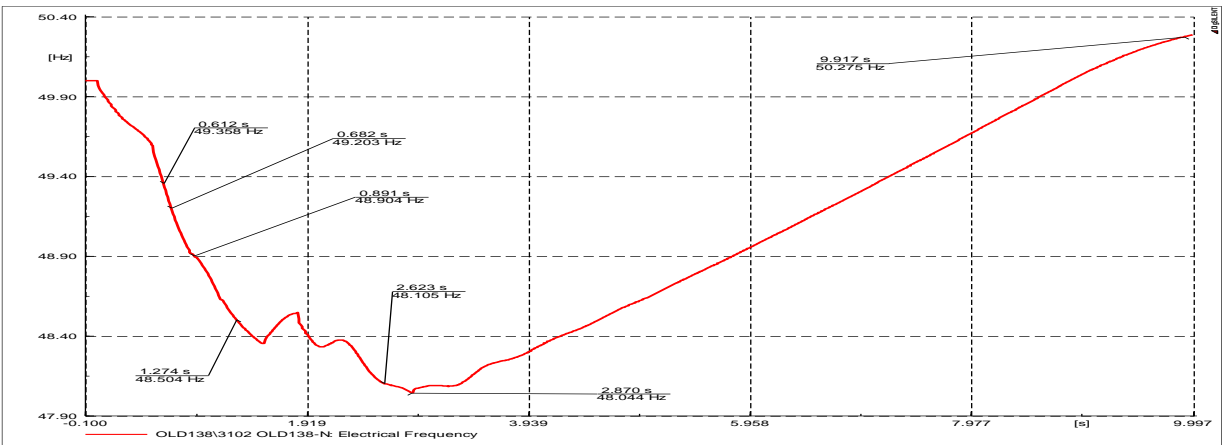


Figure 7.54: Bus Frequencies

Case 11: JPPC units 1 and 2 WKPP, Hunts Bay B6 and RF1 units tripped offline, All UFLS points included

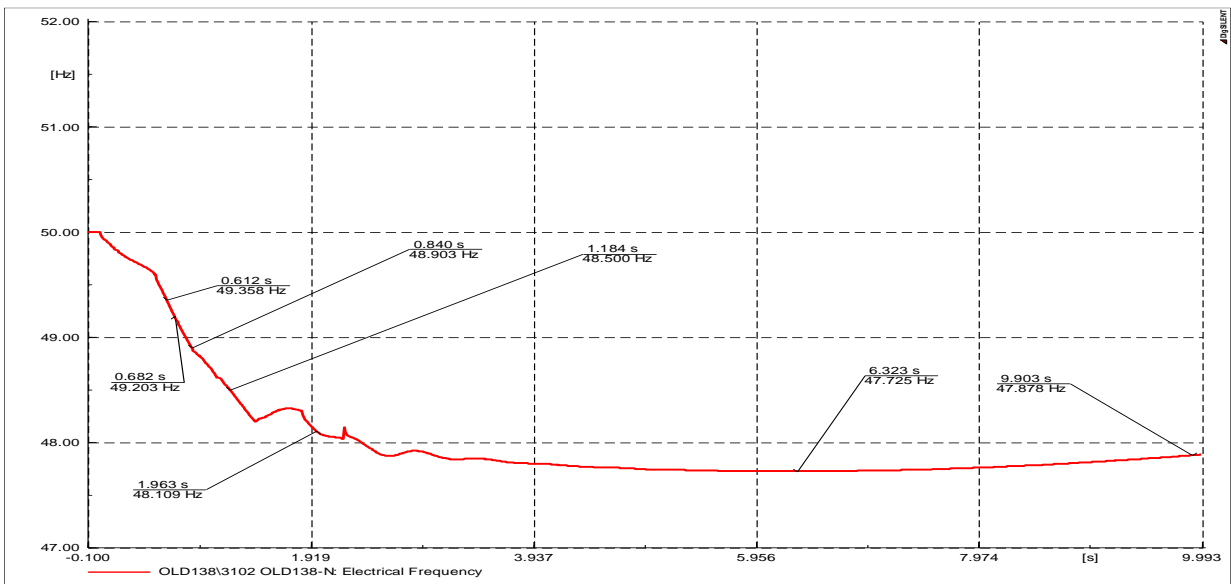


Figure 7.55: Bus Frequencies

APPENDIX 4: SEQUENCE OF EVENTS

Time	OSI_KEY	STATION_NAME	POINT_NAME	STATE		
27-Aug-16 17:45:14.306	01265005	HUNTBAYB	PAJ/GT4 CB 8-250	Closed		
27-Aug-16 17:45:14.374	01239007	NAGOHEAD	CAP BANK VS 6-116B	Closed		
27-Aug-16 17:45:14.381	01239006	NAGOHEAD	CAP BANK VS 6-116A	Closed		
27-Aug-16 17:45:14.384	01191008	CONSPRNG	CAP BANK VS 6-116A	Closed		
27-Aug-16 17:45:14.477	01298010	TWICKNAM	CAP BANK VS 6-116A	Closed		
27-Aug-16 17:45:14.596	01197023	TREDEGAR	CAP BANK VS 6-116A	Closed		
27-Aug-16 17:45:14.649	01015001	MUNRO	TIE LINE CB 6-130	Open		
27-Aug-16 17:45:14.664	01197024	TREDEGAR	CAP BANK VS 6-116B	Closed		
27-Aug-16 17:45:14.713	01242068	JPPC	T1 HV CB 8-190	Open		
25-Aug-16 17:45:14.806		JPPC	UNIT 2	OPEN	time estimated after further analysis	
27-Aug-16 17:45:14.849	01265005	HUNTBAYB	PAJ/GT4 CB 8-250	Open		
27-Aug-16 17:45:15.017	01191004	CONSPRNG	MANNING FDR 6-210	Open		
27-Aug-16 17:45:15.298	01021005	WEST KINGSTON	#2 GEN CB 4-220	Open		
27-Aug-16 17:45:15.298	01021005	WEST KINGSTO	#2 GEN CB 4-220	Open		
27-Aug-16 17:45:15.335	01021006	WEST KINGSTON	#3 GEN CB 4-320	Open		
27-Aug-16 17:45:15.335	01021006	WEST KINGSTO	#3 GEN CB 4-320	Open		
27-Aug-16 17:45:15.339	01021004	WEST KINGSTON	#1 GEN CB 4-120	Open		
27-Aug-16 17:45:15.339	01021004	WEST KINGSTO	#1 GEN CB 4-120	Open		
27-Aug-16 17:45:15.347	01021009	WEST KINGSTON	#5 GEN CB 4-520	Open		
27-Aug-16 17:45:15.347	01021009	WEST KINGSTO	#5 GEN CB 4-520	Open		
27-Aug-16 17:45:15.363	01021010	WEST KINGSTON	#6 GEN CB 4-620	Open		
27-Aug-16 17:45:15.363	01021010	WEST KINGSTO	#6 GEN CB 4-620	Open		
25-Aug-16 17:45:16		ROCKFORT	UNIT 1	OPEN	obtained from additional investigation	
26-Aug-16 17:45:16		ROCKFORT	UNIT 2	OPEN		
27-Aug-16 17:45:16.415	01242074	JPPC	JPPC1 GEN CB 5-120	Open		
27-Aug-16 17:45:16.689	01017007	ORANGBAY	LUCEA FDR 6-310	Open		
27-Aug-16 17:45:16.877	01019004	PARADISE	FROME FDR 6-110	Open		
27-Aug-16 17:45:16.946	01064006	SPURTREE	S/CRUZ FDR 6-210	Open		
27-Aug-16 17:45:16.946	01064007	SPURTREE	NEWPORT FDR 6-310	Open		
27-Aug-16 17:45:17.090	01265018	HUNTBAYB	SBUS/B6 CB 8-120	Open		
27-Aug-16 17:45:17.103	01265017	HUNTBAYB	B6/T1/T2 CB 8-650	Open		
27-Aug-16 17:45:17.118	01197023	TREDEGAR	CAP BANK VS 6-116A	Open		
27-Aug-16 17:45:17.121	01197024	TREDEGAR	CAP BANK VS 6-116B	Open		
27-Aug-16 17:45:17.136	01104009	WASHBLVD	MOLYNES FDR 6-710	Open		
27-Aug-16 17:45:17.141	01104011	WASHBLVD	RED HILLS FDR 6-810	Open		
27-Aug-16 17:45:17.169	01245007	UPPKCAMP	MTVIEW FDR 6-510	Open		
27-Aug-16 17:45:17.169	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Open		
27-Aug-16 17:45:17.251	01104012	WASHBLVD	SHORTWD FDR 6-610	Open		
27-Aug-16 17:45:17.252	01104010	WASHBLVD	HWT RD FDR 6-410	Open		
27-Aug-16 17:45:17.255	01104014	WASHBLVD	WALTHAM FDR 6-310	Open		

27-Aug-16 17:45:17.257	01298010	TWICKNAM	CAP BANK VS 6-116A	Open		
27-Aug-16 17:45:17.258	01104013	WASHBLVD	CSPRNG FDR 6-510	Open		
27-Aug-16 17:45:17.494	01298006	TWICKNAM	P/MORE FDR 6-210	Open		
27-Aug-16 17:45:17.494	01298008	TWICKNAM	G/DALE FDR 6-410	Open		
27-Aug-16 17:45:17.497	01026014	PARNASUS	MAIN FDR 6-110	Open		
27-Aug-16 17:45:17.516	01289004	THREEMLS	MAIN FDR 5-110	Open		
27-Aug-16 17:45:17.551	01236012	KENDAL	C/TIANA FDR 6-210	Open		
27-Aug-16 17:45:17.568	01223005	GRWICHRD	X RDS FDR 6-310	Open		
27-Aug-16 17:45:17.568	01223008	GRWICHRD	MAXFIELD FDR 6-710	Open		
27-Aug-16 17:45:17.589	01200007	CANERIVR	BULL BAY FDR 6-310	Open		
27-Aug-16 17:45:17.667	01191008	CONSPRNG	CAP BANK VS 6-116A	Open		
27-Aug-16 17:45:17.711	01197018	TREDEGAR	MAIN FDR 6-110	Open		
27-Aug-16 17:45:17.724	01020020	DUHANEY	FERRY FDR 6-210	Open		
27-Aug-16 17:45:17.729	01197018	TREDEGAR	MAIN FDR 6-110	Closed		
27-Aug-16 17:45:17.732	01020022	DUHANEY	SP TWN RD FDR 6-410	Open		
27-Aug-16 17:45:17.748	01197018	TREDEGAR	MAIN FDR 6-110	Open		
27-Aug-16 17:45:17.748	01239007	NAGOHEAD	CAP BANK VS 6-116B	Open		
27-Aug-16 17:45:17.756	01197018	TREDEGAR	MAIN FDR 6-110	Closed		
27-Aug-16 17:45:17.758	01239006	NAGOHEAD	CAP BANK VS 6-116A	Open		
27-Aug-16 17:45:17.765	01197018	TREDEGAR	MAIN FDR 6-110	Open		
27-Aug-16 17:45:17.795	01020014	DUHANEY	NAG CB 8-610	Open		
27-Aug-16 17:45:17.820	01239006	NAGOHEAD	CAP BANK VS 6-116A	Closed		
27-Aug-16 17:45:17.821	01243012	ROCKFORT	DOWNTWN FDR 6-410	Open		
27-Aug-16 17:45:17.826	01241006	WESTKHRD	N/KGN FDR 6-210	Open		
27-Aug-16 17:45:17.828	01239007	NAGOHEAD	CAP BANK VS 6-116B	Closed		
27-Aug-16 17:45:17.829	01223007	GRWICHRD	NEW KGN FDR 6-510	Open		
27-Aug-16 17:45:17.833	01223006	GRWICHRD	OHOPE RD FDR 6-410	Open		
27-Aug-16 17:45:17.875	01241007	WESTKHRD	HOPE RD FDR 6-310	Open		
27-Aug-16 17:45:17.881	01241008	WESTKHRD	W/LOO RD FDR 6-410	Open		
27-Aug-16 17:45:17.932	01360001	DASUBSTN	TEMPLE HALL LCB 6-427	Open		
27-Aug-16 17:45:18.489	01089012	OHARBOUR	OH4/PAR7 CB 9-420A	Open		
27-Aug-16 17:45:18.927	01065012	SPURTREE	NTIE/BMR CB 8-630	Open		
27-Aug-16 17:45:18.929	01065013	SPURTREE	BMR/KEN CB 8-730	Open		
27-Aug-16 17:45:19.017	01177007	CONTENT_SOL	T1 CB 7-180	Open		
27-Aug-16 17:45:19.853		BOGUE	GT12 GENERATOR CB	Open	based on plant SOE	
27-Aug-16 17:45:19.853	01001379	BOGUE	GT13 GENERATOR CB	Open		
27-Aug-16 17:45:19.995	01360001	DASUBSTN	TEMPLE HALL LCB 6-427	Closed		
27-Aug-16 17:45:21.710	01191008	CONSPRNG	CAP BANK VS 6-116A	Closed		
27-Aug-16 17:45:21.810	01197023	TREDEGAR	CAP BANK VS 6-116A	Closed		
27-Aug-16 17:45:21.830	01001202	BOGUE	ST1 TX CB 8-1490	Open		
27-Aug-16 17:45:21.834	01298010	TWICKNAM	CAP BANK VS 6-116A	Closed		
27-Aug-16 17:45:21.840	01197024	TREDEGAR	CAP BANK VS 6-116B	Closed		
27-Aug-16 17:45:27.495	01008001	RIOBUENO	GSU XFMR CB 8-190	Open		
27-Aug-16 17:45:29.578	01089010	OHARBOUR	OH3/PAR6 CB 9-320A	Open		

27-Aug-16 17:45:29.595	01089009	OHARBOUR	SBUS/OH3 CB 9-320	Open		
27-Aug-16 17:45:38.842	01169006	P.A.J	HBB MOD 8-251	Open		
27-Aug-16 17:45:40.408	01021001	WEST KINGSTON	T1 LV CB 4-190	Open		
27-Aug-16 17:45:40.408	01021001	WEST KINGSTO	T1 LV CB 4-190	Open		
27-Aug-16 17:45:40.564	01021002	WEST KINGSTON	T2 LV CB 4-290	Open		
27-Aug-16 17:45:40.564	01021002	WEST KINGSTO	T2 LV CB 4-290	Open		
27-Aug-16 17:47:21.391	01053003	CARDHALL	T1 HV CB 8-170	Open		
27-Aug-16 17:59:48.287	01268003	CEMENTCO	24KV ALT FEED CB 6-130	Closed		
27-Aug-16 18:11:57.456	01001001	BOGUE	DUN CB 9-130	Open		
27-Aug-16 18:14:21.042	01001006	BOGUE	GT89/T2 CB 8-150	Open		
27-Aug-16 17:45:21.386		JEP	#9 Gen CB 4-620	Open	generator GPS synchronized time	
27-Aug-16 17:45:21.386		JEP	#11 Gen CB 4-420	Open		
27-Aug-16 18:14:53.005	01001104	BOGUE	QDRL2/SBUS CB 8-930	Open		
27-Aug-16 18:20:49.074	01265030	HUNTBAYB	NBUS/RFT CB 8-830	Open		
27-Aug-16 18:20:56.549	01265016	HUNTBAYB	T1/T2/NBUS CB 8-170	Open		
27-Aug-16 18:21:37.436	01265016	HUNTBAYB	T1/T2/NBUS CB 8-170	Closed		
27-Aug-16 18:22:51.105	01265004	HUNTBAYB	GT4/NBUS CB 8-930	Open		
27-Aug-16 18:23:08.337	01265001	HUNTBAYB	NBUS/3ML CB 8-130	Open		
27-Aug-16 18:23:29.676	01265007	HUNTBAYB	NBUS/GRD CB 8-430	Open		
27-Aug-16 18:23:30.884	01002012	BOGUE	GT7 CB 4-720	Closed		
27-Aug-16 18:23:52.688	01265013	HUNTBAYB	NBUS/T3 CB 8-730	Open		
27-Aug-16 18:24:38.520	01265031	HUNTBAYB	RFT/GT10 CB 8-750	Open		
27-Aug-16 18:25:20.206	01265014	HUNTBAYB	T3/SSERV CB 8-550	Open		
27-Aug-16 18:25:36.825	01265008	HUNTBAYB	GRD/NTIE A CB 8-350	Open		
27-Aug-16 18:25:54.584	01265002	HUNTBAYB	3ML/DUHL1 CB 8-150	Open		
27-Aug-16 18:27:30.396	01265003	HUNTBAYB	DUHL1/SBUS CB 8-230	Open		
27-Aug-16 18:27:58.541	01265009	HUNTBAYB	NTIE/SBUS CB 8-530	Open		
27-Aug-16 18:28:11.235	01265012	HUNTBAYB	SBUS/STIE CB 8-630	Open		
27-Aug-16 18:28:36.336	01004001	QUEENSDR	BOG2 CB 8-130	Open		
27-Aug-16 18:28:47.352	01004002	QUEENSDR	BOG1 CB 8-230	Open		
27-Aug-16 18:29:05.677	01002012	BOGUE	GT7 CB 4-720	Open		
27-Aug-16 18:29:21.753	01019002	PARADISE	BOG CB 8-230	Open		
27-Aug-16 18:30:09.288	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:31:09.632	01001031	BOGUE	MOBAY FDR 6-310	Open		
27-Aug-16 18:31:16.310	01001030	BOGUE	LUCEA FDR 6-210	Open		
27-Aug-16 18:37:44.874	01002012	BOGUE	GT7 CB 4-720	Closed		
27-Aug-16 18:38:12.707	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:12.724	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:12.846	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:12.863	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:12.916	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:12.945	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:12.985	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.013	01017002	ORANGBAY	BOG CB 8-130	Open		

27-Aug-16 18:38:13.072	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.089	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.126	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.144	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.188	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.210	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.258	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.274	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.291	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.308	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.326	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.344	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.388	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.431	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.450	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.494	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.536	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.554	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.589	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.649	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.668	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.692	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.728	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.860	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.877	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:13.902	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:13.939	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:14.134	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:14.151	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:14.297	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:14.314	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:14.478	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:14.496	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:15.167	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:15.184	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:15.295	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:15.312	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:16.456	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:16.473	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:38:20.873	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:38:20.890	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:40:52.451	01161002	DUNCANS	BOG/T1 CB 9-330	Open		
27-Aug-16 18:40:59.193	01161001	DUNCANS	T1/BEL CB 9-130	Open		
27-Aug-16 18:41:33.924	01236007	KENDAL	T1 / DUN CB 9-530	Open		

27-Aug-16 18:41:40.209	01236001	KENDAL	PAR/DUN CB 9-130	Open		
27-Aug-16 18:41:45.120	01021002	WEST KINGSTON	T2 LV CB 4-290	Closed		
27-Aug-16 18:42:37.079	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:37.096	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:37.218	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:37.240	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:37.624	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:37.650	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:37.687	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:37.728	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:37.752	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:37.770	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:37.885	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:37.930	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.035	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:38.070	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.123	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:38.210	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.245	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:38.270	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.385	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:38.409	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.452	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:38.487	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.511	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:38.558	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.575	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:38.628	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.645	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:38.690	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.713	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:38.750	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.790	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:38.830	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:38.854	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:42:39.249	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 18:42:39.266	01017002	ORANGBAY	BOG CB 8-130	Open		
27-Aug-16 18:48:36.583	01002012	BOGUE	GT7 CB 4-720	Open		
27-Aug-16 18:49:34.337	01273002	BELLEVUE	BLK/SBUS CB 8-230	Open		
27-Aug-16 18:49:40.731	01273005	BELLEVUE	ORA/SBUS CB 8-310	Open		
27-Aug-16 18:50:15.418	01021002	WEST KINGSTON	T2 LV CB 4-290	Open		
27-Aug-16 18:54:44.265	01197001	TREDEGAR	OHB/BEL CB 9-930	Open		
27-Aug-16 18:55:13.627	01197004	TREDEGAR	DUH/BUS CB 9-530	Open		
27-Aug-16 18:56:30.674	01001031	BOGUE	MOBAY FDR 6-310	Closed		

27-Aug-16 18:58:03.506	01265016	HUNTBAYB	T1/T2/NBUS CB 8-170	Open		
27-Aug-16 19:00:55.493	01021002	WEST KINGSTON	T2 LV CB 4-290	Closed		
27-Aug-16 19:00:55.545	01021002	WEST KINGSTON	T2 LV CB 4-290	Open		
27-Aug-16 19:02:39.168	01265013	HUNTBAYB	NBUS/T3 CB 8-730	Closed		
27-Aug-16 19:02:52.146	01001031	BOGUE	MOBAY FDR 6-310	Open		
27-Aug-16 19:02:52.531	01021001	WEST KINGSTON	T1 LV CB 4-190	Closed		
27-Aug-16 19:03:03.014	01021002	WEST KINGSTON	T2 LV CB 4-290	Closed		
27-Aug-16 19:03:03.066	01021002	WEST KINGSTON	T2 LV CB 4-290	Open		
27-Aug-16 19:04:35.072	01001006	BOGUE	GT89/T2 CB 8-150	Closed		
27-Aug-16 19:08:59.623	01020002	DUHANEY	OHB4 CB 9-830	Open		
27-Aug-16 19:09:11.945	01021002	WEST KINGSTON	T2 LV CB 4-290	Closed		
27-Aug-16 19:09:11.997	01021002	WEST KINGSTON	T2 LV CB 4-290	Open		
27-Aug-16 19:09:23.712	01020011	DUHANEY	TWK CB 8-230	Open		
27-Aug-16 19:09:46.749	01001031	BOGUE	MOBAY FDR 6-310	Closed		
27-Aug-16 19:11:39.645	01265027	HUNTBAYB	MAIN FDR 6-1110	Open		
27-Aug-16 19:12:05.217	01001104	BOGUE	QDRL2/SBUS CB 8-930	Closed		
27-Aug-16 19:13:57.360	01017202	ORANGBAY	LUCEA FDR 6-310 PHASE A	Closed		
27-Aug-16 19:13:57.360	01017203	ORANGBAY	LUCEA FDR 6-310 PHASE B	Closed		
27-Aug-16 19:13:57.360	01017204	ORANGBAY	LUCEA FDR 6-310 PHASE C	Closed		
27-Aug-16 19:13:58.560	01017202	ORANGBAY	LUCEA FDR 6-310 PHASE A	Open		
27-Aug-16 19:13:58.560	01017203	ORANGBAY	LUCEA FDR 6-310 PHASE B	Open		
27-Aug-16 19:13:58.560	01017204	ORANGBAY	LUCEA FDR 6-310 PHASE C	Open		
27-Aug-16 19:14:00.025	01002012	BOGUE	GT7 CB 4-720	Closed		
27-Aug-16 19:15:27.866	01265016	HUNTBAYB	T1/T2/NBUS CB 8-170	Closed		
27-Aug-16 19:16:06.807	01021005	WEST KINGSTON	#2 GEN CB 4-220	Closed		
27-Aug-16 19:16:23.962	01001030	BOGUE	LUCEA FDR 6-210	Closed		
27-Aug-16 19:16:45.088	01265061	HUNTBAYB	HBR ST FDR 6-210	Open		
27-Aug-16 19:16:55.560	01265027	HUNTBAYB	MAIN FDR 6-1110	Closed		
27-Aug-16 19:19:42.516	01020013	DUHANEY	D&G CB 8-430	Open		
27-Aug-16 19:19:53.527	01017002	ORANGBAY	BOG CB 8-130	Closed		
27-Aug-16 19:19:54.701	01017001	ORANGBAY	PDS CB 8-230	Open		
27-Aug-16 19:19:55.104	01017009	ORANGBAY	CAP BANK1 CB 6-100	Open		
27-Aug-16 19:20:23.043	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Closed		
27-Aug-16 19:21:22.894	01017007	ORANGBAY	LUCEA FDR 6-310	Closed		
27-Aug-16 19:21:24.092	01017007	ORANGBAY	LUCEA FDR 6-310	Open		
27-Aug-16 19:21:43.146	01265061	HUNTBAYB	HBR ST FDR 6-210	Closed		
27-Aug-16 19:21:48.356	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Open		
27-Aug-16 19:22:31.691	01019005	PARADISE	FERRIS FDR 6-210	Open		
27-Aug-16 19:22:45.028	01019006	PARADISE	NEGRIL FDR 6-310	Open		
27-Aug-16 19:23:00.528	01019001	PARADISE	MAG CB 8-130	Open		
27-Aug-16 19:23:21.986	01019004	PARADISE	FROME FDR 6-110	Closed		
27-Aug-16 19:23:31.624	01019002	PARADISE	BOG CB 8-230	Closed		
27-Aug-16 19:23:32.971	01019004	PARADISE	FROME FDR 6-110	Open		
27-Aug-16 19:23:43.323	01265014	HUNTBAYB	T3/SSERV CB 8-550	Closed		

27-Aug-16 19:24:17.728	01265003	HUNTBAYB	DUHL1/SBUS CB 8-230	Closed		
27-Aug-16 19:25:10.409	01017001	ORANGBAY	PDS CB 8-230	Closed		
27-Aug-16 19:25:31.996	01019004	PARADISE	FROME FDR 6-110	Closed		
27-Aug-16 19:25:33.624	01019004	PARADISE	FROME FDR 6-110	Open		
27-Aug-16 19:25:40.554	01020016	DUHANEY	CON CB 8-930	Open		
27-Aug-16 19:26:09.127	01020012	DUHANEY	PAJ CB 8-130	Open		
27-Aug-16 19:26:23.556	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Closed		
27-Aug-16 19:26:25.284	01020015	DUHANEY	WBL CB 8-530	Open		
27-Aug-16 19:27:09.405	01020001	DUHANEY	TRE CB 9-730	Open		
27-Aug-16 19:27:09.474	01289001	THREEMLS	WBL CB 8-130	Open		
27-Aug-16 19:27:31.693	01021002	WEST KINGSTON	T2 LV CB 4-290	Closed		
27-Aug-16 19:27:36.480	01017202	ORANGBAY	LUCEA FDR 6-310 PHASE A	Closed		
27-Aug-16 19:27:36.480	01017203	ORANGBAY	LUCEA FDR 6-310 PHASE B	Closed		
27-Aug-16 19:27:36.480	01017204	ORANGBAY	LUCEA FDR 6-310 PHASE C	Closed		
27-Aug-16 19:27:37.935	01289006	THREEMLS	SP TWN RD FDR 5-410	Open		
27-Aug-16 19:28:37.817	01020008	DUHANEY	T2 69KV CB 8-280	Open		
27-Aug-16 19:29:02.715	01020007	DUHANEY	T1 69KV CB 8-180	Open		
27-Aug-16 19:30:02.948	01019004	PARADISE	FROME FDR 6-110	Closed		
27-Aug-16 19:31:32.216	01020013	DUHANEY	D&G CB 8-430	Closed		
27-Aug-16 19:31:32.504	01021005	WEST KINGSTON	#2 GEN CB 4-220	Open		
27-Aug-16 19:31:33.835	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Open		
27-Aug-16 19:31:44.926	01002007	BOGUE	GT6 CB 4-620	Closed		
27-Aug-16 19:31:49.061	01020013	DUHANEY	D&G CB 8-430	Open		
27-Aug-16 19:32:14.618	01004011	QUEENSDR	ROS CB 8-330	Open		
27-Aug-16 19:32:29.260	01004014	QUEENSDR	MAIN FDR 6-210	Open		
27-Aug-16 19:32:44.564	01004009	QUEENSDR	HOTEL FDR 6-810	Open		
27-Aug-16 19:32:59.625	01004001	QUEENSDR	BOG2 CB 8-130	Closed		
27-Aug-16 19:34:03.804	01004013	QUEENSDR	QUEEN'S DR FDR 6-310	Open		
27-Aug-16 19:34:14.080	01004016	QUEENSDR	FLANKERS FDR 6-710	Open		
27-Aug-16 19:34:24.513	01004014	QUEENSDR	MAIN FDR 6-210	Closed		
27-Aug-16 19:35:02.028	01017007	ORANGBAY	LUCEA FDR 6-310	Closed		
27-Aug-16 19:35:34.824	01265028	HUNTBAYB	MAIN FDR 6-1210	Open		
27-Aug-16 19:35:40.241	01265027	HUNTBAYB	MAIN FDR 6-1110	Open		
27-Aug-16 19:35:40.252	01265027	HUNTBAYB	MAIN FDR 6-1110	Closed		
27-Aug-16 19:35:40.259	01265027	HUNTBAYB	MAIN FDR 6-1110	Open		
27-Aug-16 19:37:00.783	01265003	HUNTBAYB	DUHL1/SBUS CB 8-230	Open		
27-Aug-16 19:37:50.129	01242001	ROCKFORT	EBUS/CMT CB 8-130	Open		
27-Aug-16 19:38:17.802	01004002	QUEENSDR	BOG1 CB 8-230	Closed		
27-Aug-16 19:38:22.288	01242002	ROCKFORT	JPPC1/CMT CB 8-150	Open		
27-Aug-16 19:39:24.267	01089004	OHARBOUR	PAR6/NBUS CB 9-630	Open		
27-Aug-16 19:39:40.526	01089003	OHARBOUR	PAR7/NBUS CB 9-830	Open		
27-Aug-16 19:39:54.595	01245002	UPPKCAMP	RFT CB 8-230	Open		
27-Aug-16 19:40:30.953	01471001	DASUBSTN	MONTPELIER ALBS 6-1057	Open		
27-Aug-16 19:40:37.460	01243011	ROCKFORT	FLOURMIL FDR 6-310	Open		

27-Aug-16 19:41:07.623	01089006	OHARBOUR	DUH4/TX CB 9-430A	Open		
27-Aug-16 19:41:33.313	01089001	OHARBOUR	SBUS/DUH4 CB 9-430B	Open		
27-Aug-16 19:42:12.986	01006003	GRENWOOD	GREENWOOD FDR 6-110	Open		
27-Aug-16 19:42:49.008	01006004	GRENWOOD	ROSE HALL FDR 6-210	Open		
27-Aug-16 19:42:58.136	01089014	OHARBOUR	MBUS/WIPL1 CB 8-130	Open		
27-Aug-16 19:43:25.516	01089013	OHARBOUR	MBUS/WHML2 CB 8-230	Open		
27-Aug-16 19:43:30.909	01200002	CANERIVR	RFT CB 8-130	Open		
27-Aug-16 19:43:50.129	01006002	GRENWOOD	MAR CB 8-230	Open		
27-Aug-16 19:44:05.571	01223002	GRWICHRD	RFT CB 8-230	Open		
27-Aug-16 19:44:14.022	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Closed		
27-Aug-16 19:44:44.860	01004011	QUEENSDR	ROS CB 8-330	Closed		
27-Aug-16 19:44:47.119	01265032	HUNTBAYB	X RDS FDR 6-310	Open		
27-Aug-16 19:44:56.054	01265060	HUNTBAYB	B.O.J. FDR 6-110	Open		
27-Aug-16 19:45:34.285	01265027	HUNTBAYB	MAIN FDR 6-1110	Closed		
27-Aug-16 19:46:05.729	01021004	WEST KINGSTON	#1 GEN CB 4-120	Closed		
27-Aug-16 19:46:11.414	01197002	TREDEGAR	BEL/TRE CB 9-830	Open		
27-Aug-16 19:46:31.815	01197003	TREDEGAR	OHB/BUS CB 9-430	Open		
27-Aug-16 19:46:39.847	01265060	HUNTBAYB	B.O.J. FDR 6-110	Closed		
27-Aug-16 19:46:41.620	01004009	QUEENSDR	HOTEL FDR 6-810	Closed		
27-Aug-16 19:46:54.887	01197001	TREDEGAR	OHB/BEL CB 9-930	Closed		
27-Aug-16 19:47:25.342	01265028	HUNTBAYB	MAIN FDR 6-1210	Closed		
27-Aug-16 19:47:29.413	01265061	HUNTBAYB	HBR ST FDR 6-210	Open		
27-Aug-16 19:47:31.445	01265061	HUNTBAYB	HBR ST FDR 6-210	Closed		
27-Aug-16 19:47:38.799	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Open		
27-Aug-16 19:49:17.012	01021005	WEST KINGSTON	#2 GEN CB 4-220	Closed		
27-Aug-16 19:50:19.319	01001001	BOGUE	DUN CB 9-130	Closed		
27-Aug-16 19:50:37.456	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Closed		
27-Aug-16 19:51:03.622	01223004	GRWICHRD	MAIN FDR 6-210	Open		
27-Aug-16 19:51:03.636	01223004	GRWICHRD	MAIN FDR 6-210	Closed		
27-Aug-16 19:51:03.643	01223004	GRWICHRD	MAIN FDR 6-210	Open		
27-Aug-16 19:51:34.984	01019006	PARADISE	NEGRIL FDR 6-310	Closed		
27-Aug-16 19:51:39.162	01265032	HUNTBAYB	X RDS FDR 6-310	Closed		
27-Aug-16 19:51:43.874	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Open		
27-Aug-16 19:52:31.202	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Closed		
27-Aug-16 19:52:49.376	01019005	PARADISE	FERRIS FDR 6-210	Closed		
27-Aug-16 19:54:07.532	01006004	GRENWOOD	ROSE HALL FDR 6-210	Closed		
27-Aug-16 19:56:04.141	01001379	BOGUE	GT13 GENERATOR CB	Closed		
27-Aug-16 19:57:44.430	01004016	QUEENSDR	FLANKERS FDR 6-710	Closed		
27-Aug-16 19:58:29.191	01004013	QUEENSDR	QUEEN'S DR FDR 6-310	Closed		
27-Aug-16 19:59:02.846	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Open		
27-Aug-16 19:59:09.199	01265040	HUNTBAYB	ESSO FDR 5-610	Open		
27-Aug-16 19:59:18.926	01006003	GRENWOOD	GREENWOOD FDR 6-110	Closed		
27-Aug-16 20:00:49.460	01092002	RHODEPEN	TRE CB 8-230	Open		
27-Aug-16 20:01:09.545	01092006	RHODEPEN	O/HBAY FDR 4-410	Open		

27-Aug-16 20:01:10.002	01161010	DUNCANS	T1/MAR CB 8-430	Open		
27-Aug-16 20:01:18.706	01161009	DUNCANS	MAR/RIO CB 8-530A	Open		
27-Aug-16 20:01:46.737	01243006	ROCKFORT	RF1/RF2 CB 8-350	Open		
27-Aug-16 20:01:55.784	01006002	GRENWOOD	MAR CB 8-230	Closed		
27-Aug-16 20:02:05.284	01194002	MONYMUSK	PAR L1 CB 8-130	Open		
27-Aug-16 20:03:50.916	01092005	RHODEPEN	SPRVIL FDR 4-210	Open		
27-Aug-16 20:04:14.480	01242004	ROCKFORT	WBUS/UPC CB 8-430	Open		
27-Aug-16 20:04:55.325	01089013	OHARBOUR	MBUS/WHML2 CB 8-230	Closed		
27-Aug-16 20:05:00.078	01092007	RHODEPEN	INDEST FDR 4-310	Open		
27-Aug-16 20:05:02.141	01092007	RHODEPEN	INDEST FDR 4-310	Closed		
27-Aug-16 20:05:24.711	01092006	RHODEPEN	O/HBAY FDR 4-410	Closed		
27-Aug-16 20:05:39.349	01021009	WEST KINGSTON	#5 GEN CB 4-520	Closed		
27-Aug-16 20:05:56.480	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Closed		
27-Aug-16 20:06:57.625	01265030	HUNTBAYB	NBUS/RFT CB 8-830	Closed		
27-Aug-16 20:07:14.219	01265040	HUNTBAYB	ESSO FDR 5-610	Closed		
27-Aug-16 20:08:03.433	01026004	PARNASUS	MAY CB 8-410	Open		
27-Aug-16 20:08:09.536	01026007	PARNASUS	HAL CB 8-230	Open		
27-Aug-16 20:08:13.826	01021009	WEST KINGSTON	#5 GEN CB 4-520	Open		
27-Aug-16 20:08:22.090	01026008	PARNASUS	TOL CB 8-330	Open		
27-Aug-16 20:08:29.758	01026005	PARNASUS	MON CB 8-530	Open		
27-Aug-16 20:08:50.418	01053002	CARDHALL	RIO CB 8-130	Open		
27-Aug-16 20:09:27.839	01243001	ROCKFORT	T1/GRD CB 8-230	Open		
27-Aug-16 20:10:14.027	01161011	DUNCANS	T1/T2 CB 8-630	Open		
27-Aug-16 20:10:38.747	01242004	ROCKFORT	WBUS/UPC CB 8-430	Closed		
27-Aug-16 20:10:45.545	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Open		
27-Aug-16 20:10:54.277	01064009	SPURTREE	TIE LINE CB 8-230	Open		
27-Aug-16 20:10:54.389	01064009	SPURTREE	TIE LINE CB 8-230	Closed		
27-Aug-16 20:10:54.399	01064009	SPURTREE	TIE LINE CB 8-230	Open		
27-Aug-16 20:11:20.517	01021009	WEST KINGSTON	#5 GEN CB 4-520	Closed		
27-Aug-16 20:11:48.274	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Closed		
27-Aug-16 20:11:52.097	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Open		
27-Aug-16 20:12:32.517	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Closed		
27-Aug-16 20:12:37.969	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Open		
27-Aug-16 20:12:55.410	01020017	DUHANEY	T3 CB 8-170	Open		
27-Aug-16 20:13:25.020	01021009	WEST KINGSTON	#5 GEN CB 4-520	Open		
27-Aug-16 20:15:08.336	01197002	TREDEGAR	BEL/TRE CB 9-830	Closed		
27-Aug-16 20:15:26.022	01003002	LA_PLAYA	GWD 210 L2 CB 6-270	Closed		
27-Aug-16 20:15:35.463	01003004	LA_PLAYA	T2 LV CB 1-210	Closed		
27-Aug-16 20:16:32.833	01020001	DUHANEY	TRE CB 9-730	Closed		
27-Aug-16 20:18:04.285	01020017	DUHANEY	T3 CB 8-170	Closed		
27-Aug-16 20:18:08.128	01021006	WEST KINGSTON	#3 GEN CB 4-320	Closed		
27-Aug-16 20:19:02.266	01092005	RHODEPEN	SPRVIL FDR 4-210	Closed		
27-Aug-16 20:19:07.131	01161011	DUNCANS	T1/T2 CB 8-630	Closed		
27-Aug-16 20:19:12.467	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Closed		

27-Aug-16 20:19:39.968	01065003	SPURTREE	KEN/SBUS CB 9-530	Open		
27-Aug-16 20:19:44.463	01065002	SPURTREE	PAR/KEN CB 9-150	Open		
27-Aug-16 20:22:28.174	01065015	SPURTREE	WIG 1&2/WIG 3 CB 8-930	Open		
27-Aug-16 20:25:37.874	01089004	OHARBOUR	PAR6/NBUS CB 9-630	Closed		
27-Aug-16 20:25:53.306	01089003	OHARBOUR	PAR7/NBUS CB 9-830	Closed		
27-Aug-16 20:26:33.046	01265007	HUNTBAYB	NBUS/GRD CB 8-430	Closed		
27-Aug-16 20:27:31.383	01223008	GRWICHRD	MAXFIELD FDR 6-710	Closed		
27-Aug-16 20:27:45.165	01242068	JPPC	T1 HV CB 8-190	Closed		
27-Aug-16 20:28:34.097	01223004	GRWICHRD	MAIN FDR 6-210	Closed		
27-Aug-16 20:28:34.104	01223004	GRWICHRD	MAIN FDR 6-210	Open		
27-Aug-16 20:28:34.113	01223004	GRWICHRD	MAIN FDR 6-210	Closed		
27-Aug-16 20:28:34.121	01223004	GRWICHRD	MAIN FDR 6-210	Open		
27-Aug-16 20:28:34.135	01223005	GRWICHRD	X RDS FDR 6-310	Closed		
27-Aug-16 20:29:05.865	01161002	DUNCANS	BOG/T1 CB 9-330	Closed		
27-Aug-16 20:29:11.213	01223004	GRWICHRD	MAIN FDR 6-210	Closed		
27-Aug-16 20:29:27.500	01064004	SPURTREE	T1 CB 8-170	Open		
27-Aug-16 20:29:27.928	01223007	GRWICHRD	NEW KGN FDR 6-510	Closed		
27-Aug-16 20:29:34.436	01064001	SPURTREE	POR CB 8-130	Open		
27-Aug-16 20:29:44.087	01161017	DUNCANS	DUNCAN FDR 4-110	Open		
27-Aug-16 20:29:46.142	01161017	DUNCANS	DUNCAN FDR 4-110	Closed		
27-Aug-16 20:30:11.170	01031001	MAGGOTTY	SPU CB 8-230	Open		
27-Aug-16 20:30:41.851	01064009	SPURTREE	TIE LINE CB 8-230	Closed		
27-Aug-16 20:30:41.971	01161001	DUNCANS	T1/BEL CB 9-130	Closed		
27-Aug-16 20:31:27.185	01021009	WEST KINGSTON	#5 GEN CB 4-520	Closed		
27-Aug-16 20:32:03.161	01031005	MAGGOTTY	BLACK RIVER FDR 6-210	Open		
27-Aug-16 20:32:15.832	01031002	MAGGOTTY	PDS CB 8-330	Open		
27-Aug-16 20:32:23.095	01161010	DUNCANS	T1/MAR CB 8-430	Closed		
27-Aug-16 20:32:39.212	01161009	DUNCANS	MAR/RIO CB 8-530A	Closed		
27-Aug-16 20:33:38.937	01021009	WEST KINGSTON	#5 GEN CB 4-520	Open		
27-Aug-16 20:34:17.763	01031001	MAGGOTTY	SPU CB 8-230	Closed		
27-Aug-16 20:34:22.196	01031004	MAGGOTTY	MAGGOTTY FDR 6-110	Open		
27-Aug-16 20:34:24.245	01031004	MAGGOTTY	MAGGOTTY FDR 6-110	Closed		
27-Aug-16 20:35:21.965	01031002	MAGGOTTY	PDS CB 8-330	Closed		
27-Aug-16 20:36:25.544	01223006	GRWICHRD	OHOPE RD FDR 6-410	Closed		
27-Aug-16 20:37:54.346	01194004	MONYMUSK	MAIN FDR 4-110	Open		
27-Aug-16 20:38:59.786	01089014	OHARBOUR	MBUS/WIPL1 CB 8-130	Closed		
27-Aug-16 20:39:30.621	01194002	MONYMUSK	PAR L1 CB 8-130	Closed		
27-Aug-16 20:39:36.641	01200001	CANERIVR	HOP CB 8-230	Open		
27-Aug-16 20:39:45.769	01200003	CANERIVR	GYR CB 8-510	Open		
27-Aug-16 20:39:57.513	01026005	PARNASUS	MON CB 8-530	Closed		
27-Aug-16 20:40:04.760	01243006	ROCKFORT	RF1/RF2 CB 8-350	Closed		
27-Aug-16 20:40:20.603	01200005	CANERIVR	H/VIEW FDR 6-410	Open		
27-Aug-16 20:40:57.791	01236002	KENDAL	SPU/PAR CB 9-230	Open		
27-Aug-16 20:41:11.366	01053001	CARDHALL	RVR CB 8-230	Open		

27-Aug-16 20:41:14.070	01200004	CANERIVR	MAIN FDR 6-110	Open		
27-Aug-16 20:41:29.379	01053002	CARDHALL	RIO CB 8-130	Closed		
27-Aug-16 20:41:30.464	01243001	ROCKFORT	T1/GRD CB 8-230	Closed		
27-Aug-16 20:42:00.315	01053005	CARDHALL	B/TOWN FDR 6-310	Open		
27-Aug-16 20:42:08.804	01223002	GRWICHRD	RFT CB 8-230	Closed		
27-Aug-16 20:42:13.578	01200002	CANERIVR	RFT CB 8-130	Closed		
27-Aug-16 20:42:18.733	01053003	CARDHALL	T1 HV CB 8-170	Closed		
27-Aug-16 20:42:23.230	01053006	CARDHALL	SALEM FDR 6-210	Open		
27-Aug-16 20:42:25.277	01053006	CARDHALL	SALEM FDR 6-210	Closed		
27-Aug-16 20:42:26.571	01053007	CARDHALL	CAP BANK1 CB 6-100	Open		
27-Aug-16 20:42:26.632	01053009	CARDHALL	BANK1 UNIT2 VS 6-116B	Open		
27-Aug-16 20:42:26.639	01053008	CARDHALL	BANK1 UNIT1 VS 6-116A	Open		
27-Aug-16 20:43:01.284	01245005	UPPKCAMP	N/KGN FDR 6-310	Open		
27-Aug-16 20:43:06.735	01245006	UPPKCAMP	OXFORD FDR 6-410	Open		
27-Aug-16 20:43:12.520	01245004	UPPKCAMP	MAIN FDR 6-110	Open		
27-Aug-16 20:43:17.794	01245001	UPPKCAMP	WKH CB 8-130	Open		
27-Aug-16 20:43:18.496	01053005	CARDHALL	B/TOWN FDR 6-310	Closed		
27-Aug-16 20:44:03.214	01245002	UPPKCAMP	RFT CB 8-230	Closed		
27-Aug-16 20:44:18.887	01245004	UPPKCAMP	MAIN FDR 6-110	Closed		
27-Aug-16 20:44:40.349	01245005	UPPKCAMP	N/KGN FDR 6-310	Closed		
27-Aug-16 20:44:59.463	01241003	WESTKHRD	HOP CB 8-130	Open		
27-Aug-16 20:45:06.764	01241002	WESTKHRD	WBL CB 8-230	Open		
27-Aug-16 20:45:26.689	01200004	CANERIVR	MAIN FDR 6-110	Closed		
27-Aug-16 20:46:32.049	01245001	UPPKCAMP	WKH CB 8-130	Closed		
27-Aug-16 20:46:59.596	01104003	WASHBLVD	DUH CB 8-230	Open		
27-Aug-16 20:48:17.021	01241007	WESTKHRD	HOPE RD FDR 6-310	Closed		
27-Aug-16 20:48:59.501	01265001	HUNTBAYB	NBUS/3ML CB 8-130	Closed		
27-Aug-16 20:50:39.616	01241006	WESTKHRD	N/KGN FDR 6-210	Closed		
27-Aug-16 20:50:41.428	01021010	WEST KINGSTON	#6 GEN CB 4-620	Closed		
27-Aug-16 20:53:20.439	01104002	WASHBLVD	3ML CB 8-130	Open		
27-Aug-16 20:54:50.549	01104013	WASHBLVD	CSPRNG FDR 6-510	Closed		
27-Aug-16 20:55:37.790	01064329	SPURTREE	S/CRUZ FDR 6-210 PHASE A	Closed		
27-Aug-16 20:55:37.790	01064330	SPURTREE	S/CRUZ FDR 6-210 PHASE B	Closed		
27-Aug-16 20:55:37.810	01064331	SPURTREE	S/CRUZ FDR 6-210 PHASE C	Closed		
27-Aug-16 20:55:56.066	01265003	HUNTBAYB	DUHL1/SBUS CB 8-230	Closed		
27-Aug-16 20:57:25.808	01265002	HUNTBAYB	3ML/DUHL1 CB 8-150	Closed		
27-Aug-16 20:57:27.611	01236008	KENDAL	T2 CB 8-170	Open		
27-Aug-16 20:58:45.932	01009002	ROARIVER	OCH CB 8-330	Open		
27-Aug-16 20:59:11.671	01265031	HUNTBAYB	RFT/GT10 CB 8-750	Closed		
27-Aug-16 20:59:20.992	01009018	ROARIVER	B/TOWN FDR 4-210	Open		
27-Aug-16 20:59:38.483	01053001	CARDHALL	RVR CB 8-230	Closed		
27-Aug-16 21:00:22.912	01241002	WESTKHRD	WBL CB 8-230	Closed		
27-Aug-16 21:00:23.964	01009018	ROARIVER	B/TOWN FDR 4-210	Closed		
27-Aug-16 21:00:49.298	01289001	THREEMLS	WBL CB 8-130	Closed		

27-Aug-16 21:01:01.030	01104002	WASHBLVD	3ML CB 8-130	Closed		
27-Aug-16 21:01:02.882	01242071	JPPC	13.8KV AUX.XFMER CB #1	Open		
27-Aug-16 21:01:07.216	01020001	DUHANEY	TRE CB 9-730	Open		
27-Aug-16 21:01:18.461	01020013	DUHANEY	D&G CB 8-430	Closed		
27-Aug-16 21:01:22.267	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Open		
27-Aug-16 21:01:24.652	01104013	WASHBLVD	CSPRNG FDR 6-510	Open		
27-Aug-16 21:01:30.701	01020008	DUHANEY	T2 69KV CB 8-280	Closed		
27-Aug-16 21:01:39.149	01020007	DUHANEY	T1 69KV CB 8-180	Closed		
27-Aug-16 21:02:02.757	01020002	DUHANEY	OH4 CB 9-830	Closed		
27-Aug-16 21:02:04.132	01064004	SPURTREE	T1 CB 8-170	Closed		
27-Aug-16 21:02:31.820	01064006	SPURTREE	S/CRUZ FDR 6-210	Closed		
27-Aug-16 21:02:49.996	01064007	SPURTREE	NEWPORT FDR 6-310	Closed		
27-Aug-16 21:03:15.376	01242071	JPPC	13.8KV AUX.XFMER CB #1	Closed		
27-Aug-16 21:04:05.395	01088003	WARTSILA	#3 GEN CB 4-320	Closed		
27-Aug-16 21:04:41.621	01031002	MAGGOTTY	PDS CB 8-330	Open		
27-Aug-16 21:10:09.756	01089006	OHARBOUR	DUH4/TX CB 9-430A	Closed		
27-Aug-16 21:10:50.166	01089001	OHARBOUR	SBUS/DUH4 CB 9-430B	Closed		
27-Aug-16 21:11:08.612	01104003	WASHBLVD	DUH CB 8-230	Closed		
27-Aug-16 21:13:51.017	01126002	ORACABES	BEL CB 8-230	Open		
27-Aug-16 21:14:43.955	01041006	HOPE	LIGUANEA FDR 6-410	Open		
27-Aug-16 21:14:49.064	01041008	HOPE	EAST FDR 6-510	Open		
27-Aug-16 21:14:59.905	01041005	HOPE	PAPINE FDR 6-310	Open		
27-Aug-16 21:15:31.484	01104009	WASHBLVD	MOLYNES FDR 6-710	Closed		
27-Aug-16 21:16:05.828	01104011	WASHBLVD	RED HILLS FDR 6-810	Closed		
27-Aug-16 21:16:05.924	01104011	WASHBLVD	RED HILLS FDR 6-810	Open		
27-Aug-16 21:16:13.666	01236011	KENDAL	MAIN FDR 6-110	Open		
27-Aug-16 21:16:22.938	01104011	WASHBLVD	RED HILLS FDR 6-810	Closed		
27-Aug-16 21:16:23.039	01104011	WASHBLVD	RED HILLS FDR 6-810	Open		
27-Aug-16 21:16:41.647	01104012	WASHBLVD	SHORTWD FDR 6-610	Closed		
27-Aug-16 21:16:47.191	01104013	WASHBLVD	CSPRNG FDR 6-510	Closed		
27-Aug-16 21:18:11.884	01197008	TREDEGAR	MIC CB 8-330	Open		
27-Aug-16 21:18:16.882	01241003	WESTKHRD	HOP CB 8-130	Closed		
27-Aug-16 21:18:37.583	01200001	CANERIVR	HOP CB 8-230	Closed		
27-Aug-16 21:18:41.220	01236010	KENDAL	SPU CB 8-330	Open		
27-Aug-16 21:18:42.968	01197011	TREDEGAR	TWK CB 8-730	Open		
27-Aug-16 21:18:55.204	01088004	WARTSILA	#4 GEN CB 4-420	Closed		
27-Aug-16 21:19:23.012	01197017	TREDEGAR	T3 CB 8-170	Open		
27-Aug-16 21:20:15.279	01236002	KENDAL	SPU/PAR CB 9-230	Closed		
27-Aug-16 21:20:24.146	01236001	KENDAL	PAR/DUN CB 9-130	Closed		
27-Aug-16 21:21:15.149	01236007	KENDAL	T1 / DUN CB 9-530	Closed		
27-Aug-16 21:21:56.619	01065002	SPURTREE	PAR/KEN CB 9-150	Closed		
27-Aug-16 21:22:01.316	01065003	SPURTREE	KEN/SBUS CB 9-530	Closed		
27-Aug-16 21:22:09.583	01041006	HOPE	LIGUANEA FDR 6-410	Closed		
27-Aug-16 21:23:04.972	01088005	WARTSILA	#5 GEN CB 4-520	Closed		

27-Aug-16 21:23:29.595	01197004	TREDEGAR	DUH/BUS CB 9-530	Closed		
27-Aug-16 21:23:29.629	01197024	TREDEGAR	CAP BANK VS 6-116B	Open		
27-Aug-16 21:23:29.631	01197023	TREDEGAR	CAP BANK VS 6-116A	Open		
27-Aug-16 21:23:53.788	01197003	TREDEGAR	OHB/BUS CB 9-430	Closed		
27-Aug-16 21:24:15.856	01191005	CONSPRNG	LONG LANE FDR 6-310	Open		
27-Aug-16 21:24:16.356	01020001	DUHANEY	TRE CB 9-730	Closed		
27-Aug-16 21:24:17.373	01041005	HOPE	PAPINE FDR 6-310	Closed		
27-Aug-16 21:24:32.156	01191006	CONSPRNG	STONYHL FDR 6-410	Open		
27-Aug-16 21:24:47.808	01020016	DUHANEY	CON CB 8-930	Closed		
27-Aug-16 21:24:47.841	01191008	CONSPRNG	CAP BANK VS 6-116A	Open		
27-Aug-16 21:24:55.133	01265069	HUNTBAYB	SP TWN RD FDR 5-810	Closed		
27-Aug-16 21:25:31.756	01104011	WASHBLVD	RED HILLS FDR 6-810	Closed		
27-Aug-16 21:26:26.980	01017202	ORANGBAY	LUCEA FDR 6-310 PHASE A	Open		
27-Aug-16 21:26:26.980	01017203	ORANGBAY	LUCEA FDR 6-310 PHASE B	Open		
27-Aug-16 21:26:26.980	01017204	ORANGBAY	LUCEA FDR 6-310 PHASE C	Open		
27-Aug-16 21:26:37.244	01239003	NAGOHEAD	B/LODGE FDR 6-610	Open		
27-Aug-16 21:26:48.686	01088007	WARTSILA	#7 GEN CB 4-720	Closed		
27-Aug-16 21:26:58.670	01064330	SPURTREE	S/CRUZ FDR 6-210 PHASE B	Open		
27-Aug-16 21:26:58.670	01064331	SPURTREE	S/CRUZ FDR 6-210 PHASE C	Open		
27-Aug-16 21:26:58.710	01064329	SPURTREE	S/CRUZ FDR 6-210 PHASE A	Open		
27-Aug-16 21:27:24.745	01065015	SPURTREE	WIG 1&2/WIG 3 CB 8-930	Closed		
27-Aug-16 21:28:56.891	01289004	THREEMLS	MAIN FDR 5-110	Closed		
27-Aug-16 21:28:59.190	01064329	SPURTREE	S/CRUZ FDR 6-210 PHASE A	Closed		
27-Aug-16 21:28:59.190	01064330	SPURTREE	S/CRUZ FDR 6-210 PHASE B	Closed		
27-Aug-16 21:28:59.210	01064331	SPURTREE	S/CRUZ FDR 6-210 PHASE C	Closed		
27-Aug-16 21:29:06.044	01167003	OCHORIOS	T1 CB 8-170	Open		
27-Aug-16 21:29:07.365	01289007	THREEMLS	FREEZONE FDR 5-310	Open		
27-Aug-16 21:29:08.897	01289005	THREEMLS	M GARV DR FDR 5-510	Open		
27-Aug-16 21:29:13.469	01245007	UPPKCAMP	MTVIEW FDR 6-510	Closed		
27-Aug-16 21:29:38.281	01236010	KENDAL	SPU CB 8-330	Closed		
27-Aug-16 21:30:12.901	01169006	P.A.J	HBB MOD 8-251	Closed		
27-Aug-16 21:30:18.757	01014002	PORUS	TOL CB 8-230	Open		
27-Aug-16 21:30:19.645	01064331	SPURTREE	S/CRUZ FDR 6-210 PHASE C	Open		
27-Aug-16 21:30:19.665	01064330	SPURTREE	S/CRUZ FDR 6-210 PHASE B	Open		
27-Aug-16 21:30:19.685	01064329	SPURTREE	S/CRUZ FDR 6-210 PHASE A	Open		
27-Aug-16 21:30:44.231	01064001	SPURTREE	POR CB 8-130	Closed		
27-Aug-16 21:31:17.678	01065012	SPURTREE	NTIE/BMR CB 8-630	Closed		
27-Aug-16 21:31:24.585	01065013	SPURTREE	BMR/KEN CB 8-730	Closed		
27-Aug-16 21:31:47.648	01289006	THREEMLS	SP TWN RD FDR 5-410	Closed		
27-Aug-16 21:32:23.043	01009017	ROARIVER	MAIN FDR 4-110	Open		
27-Aug-16 21:32:29.817	01014002	PORUS	TOL CB 8-230	Closed		
27-Aug-16 21:32:39.304	01026008	PARNASUS	TOL CB 8-330	Closed		
27-Aug-16 21:32:39.364	01265008	HUNTBAYB	GRD/NTIE A CB 8-350	Closed		
27-Aug-16 21:33:24.462	01031005	MAGGOTTY	BLACK RIVER FDR 6-210	Closed		

27-Aug-16 21:33:27.136	01020020	DUHANEY	FERRY FDR 6-210	Closed		
27-Aug-16 21:33:30.309	01265009	HUNTBAYB	NTIE/SBUS CB 8-530	Closed		
27-Aug-16 21:33:50.014	01273002	BELLEVUE	BLK/SBUS CB 8-230	Closed		
27-Aug-16 21:33:50.194	01013003	MICLETON	LINSTD FDR 4-110	Open		
27-Aug-16 21:33:52.265	01013003	MICLETON	LINSTD FDR 4-110	Closed		
27-Aug-16 21:33:52.714	01064007	SPURTREE	NEWPORT FDR 6-310	Open		
27-Aug-16 21:33:52.716	01064006	SPURTREE	S/CRUZ FDR 6-210	Open		
27-Aug-16 21:33:52.727	01017007	ORANGBAY	LUCEA FDR 6-310	Open		
27-Aug-16 21:33:52.802	01019004	PARADISE	FROME FDR 6-110	Open		
27-Aug-16 21:34:08.306	01088006	WARTSILA	#6 GEN CB 4-620	Closed		
27-Aug-16 21:35:12.505	01064007	SPURTREE	NEWPORT FDR 6-310	Closed		
27-Aug-16 21:35:14.799	01009002	ROARIVER	OCH CB 8-330	Closed		
27-Aug-16 21:35:53.252	01064006	SPURTREE	S/CRUZ FDR 6-210	Closed		
27-Aug-16 21:36:14.287	01239004	NAGOHEAD	MAIN FDR 6-210	Open		
27-Aug-16 21:36:14.358	01239005	NAGOHEAD	CAP BANK CB 6-100	Open		
27-Aug-16 21:37:13.696	01064007	SPURTREE	NEWPORT FDR 6-310	Open		
27-Aug-16 21:37:13.702	01064006	SPURTREE	S/CRUZ FDR 6-210	Open		
27-Aug-16 21:37:35.693	01088008	WARTSILA	#8 GEN CB 4-820	Closed		
27-Aug-16 21:37:46.201	01273005	BELLEVUE	ORA/SBUS CB 8-310	Closed		
27-Aug-16 21:38:27.160	01017203	ORANGBAY	LUCEA FDR 6-310 PHASE B	Closed		
27-Aug-16 21:38:27.180	01017202	ORANGBAY	LUCEA FDR 6-310 PHASE A	Closed		
27-Aug-16 21:38:27.180	01017204	ORANGBAY	LUCEA FDR 6-310 PHASE C	Closed		
27-Aug-16 21:39:03.533	01019004	PARADISE	FROME FDR 6-110	Closed		
27-Aug-16 21:40:31.400	01126002	ORACABES	BEL CB 8-230	Closed		
27-Aug-16 21:42:51.181	01169002	P.A.J	T1/DUH CB 8-230	Open		
27-Aug-16 21:43:56.926	01089012	OHARBOUR	OH4/PAR7 CB 9-420A	Closed		
27-Aug-16 21:44:00.119	01197008	TREDEGAR	MIC CB 8-330	Closed		
27-Aug-16 21:44:57.159	01239001	NAGOHEAD	T2 CB 8-270	Open		
27-Aug-16 21:45:03.162	01239001	NAGOHEAD	T2 CB 8-270	Closed		
27-Aug-16 21:45:15.641	01197011	TREDEGAR	TWK CB 8-730	Closed		
27-Aug-16 21:45:15.691	01298010	TWICKNAM	CAP BANK VS 6-116A	Open		
27-Aug-16 21:45:52.942	01017007	ORANGBAY	LUCEA FDR 6-310	Closed		
27-Aug-16 21:46:02.032	01020011	DUHANEY	TWK CB 8-230	Closed		
27-Aug-16 21:47:10.790	01092002	RHODEPEN	TRE CB 8-230	Closed		
27-Aug-16 21:47:16.522	01020014	DUHANEY	NAG CB 8-610	Closed		
27-Aug-16 21:47:46.940	01265006	HUNTBAYB	SBUS/PAJ CB 8-330	Closed		
27-Aug-16 21:48:07.418	01265005	HUNTBAYB	PAJ/GT4 CB 8-250	Closed		
27-Aug-16 21:48:29.196	01169001	P.A.J	DUH/HBB CB 8-130	Closed		
27-Aug-16 21:48:44.900	01020012	DUHANEY	PAJ CB 8-130	Closed		
27-Aug-16 21:48:52.591	01019001	PARADISE	MAG CB 8-130	Closed		
27-Aug-16 21:49:10.496	01031002	MAGGOTTY	PDS CB 8-330	Closed		
27-Aug-16 21:52:54.507	01191004	CONSPRNG	MANNING FDR 6-210	Closed		
27-Aug-16 21:53:50.742	01265018	HUNTBAYB	SBUS/B6 CB 8-120	Closed		
27-Aug-16 21:53:55.839	01265017	HUNTBAYB	B6/T1/T2 CB 8-650	Closed		

27-Aug-16 21:54:18.579	01088002	WARTSILA	#2 GEN CB 4-220	Closed		
27-Aug-16 21:54:54.735	01241008	WESTKHRD	W/LOO RD FDR 6-410	Closed		
27-Aug-16 21:56:49.087	01239004	NAGOHEAD	MAIN FDR 6-210	Closed		
27-Aug-16 21:56:49.121	01239006	NAGOHEAD	CAP BANK VS 6-116A	Open		
27-Aug-16 21:56:49.123	01239007	NAGOHEAD	CAP BANK VS 6-116B	Open		
27-Aug-16 21:56:53.163	01239002	NAGOHEAD	FDR 6-510	Open		
27-Aug-16 21:57:35.994	01239002	NAGOHEAD	FDR 6-510	Closed		
27-Aug-16 21:59:08.289	01026004	PARNASUS	MAY CB 8-410	Closed		
27-Aug-16 21:59:45.167	01201004	MAYPEN	MAYPEN FDR 6-210	Closed		
27-Aug-16 22:00:05.369	01169042	P.A.J	T1/T2 ISO 8-339	Closed		
27-Aug-16 22:00:47.848	01201003	MAYPEN	CHAPELTON FDR 6-110	Closed		
27-Aug-16 22:01:25.879	01020015	DUHANEY	WBL CB 8-530	Closed		
27-Aug-16 22:02:02.299	01236008	KENDAL	T2 CB 8-170	Closed		
27-Aug-16 22:02:37.988	01236011	KENDAL	MAIN FDR 6-110	Closed		
27-Aug-16 22:04:12.880	01236329	KENDAL	C/TIANA FDR 6-210 PHASE A	Closed		
27-Aug-16 22:04:12.880	01236330	KENDAL	C/TIANA FDR 6-210 PHASE B	Closed		
27-Aug-16 22:04:12.880	01236331	KENDAL	C/TIANA FDR 6-210 PHASE C	Closed		
27-Aug-16 22:04:59.659	01169002	P.A.J	T1/DUH CB 8-230	Closed		
27-Aug-16 22:05:08.167	01169003	P.A.J	T1/T2 CB 8-330	Closed		
27-Aug-16 22:05:15.831	01169004	P.A.J	T2/HBB CB 8-430	Closed		
27-Aug-16 22:06:32.434	01236012	KENDAL	C/TIANA FDR 6-210	Closed		
27-Aug-16 22:06:59.050	01298008	TWICKNAM	G/DALE FDR 6-410	Closed		
27-Aug-16 22:07:24.927	01169010	P.A.J	FDR 5-310	Closed		
27-Aug-16 22:07:31.675	01298006	TWICKNAM	P/MORE FDR 6-210	Closed		
27-Aug-16 22:07:32.697	01089011	OHARBOUR	SBUS/OH4 CB 9-420	Open		
27-Aug-16 22:08:51.841	01089011	OHARBOUR	SBUS/OH4 CB 9-420	Closed		
27-Aug-16 22:16:04.749	01008001	RIOBUENO	GSU XFMR CB 8-190	Closed		
27-Aug-16 22:19:08.959	01026014	PARNASUS	MAIN FDR 6-110	Closed		
27-Aug-16 22:19:16.575	01026016	PARNASUS	HAYES FDR 6-310	Open		
27-Aug-16 22:19:16.696	01026016	PARNASUS	HAYES FDR 6-310	Closed		
27-Aug-16 22:20:07.894	01104010	WASHBLVD	HWT RD FDR 6-410	Closed		
27-Aug-16 22:20:18.213	01104014	WASHBLVD	WALTHAM FDR 6-310	Closed		
27-Aug-16 22:20:58.265	01200003	CANERIVR	GYR CB 8-510	Closed		
27-Aug-16 22:21:11.191	01167005	OCHORIOS	FRANKFURT FDR 4-510	Open		
27-Aug-16 22:21:14.687	01200005	CANERIVR	H/VIEW FDR 6-410	Closed		
27-Aug-16 22:21:19.328	01200007	CANERIVR	BULL BAY FDR 6-310	Closed		
27-Aug-16 22:21:21.253	01167003	OCHORIOS	T1 CB 8-170	Closed		
27-Aug-16 22:21:21.383	01167006	OCHORIOS	MAIN ST FDR 4-410	Open		
27-Aug-16 22:21:23.452	01167006	OCHORIOS	MAIN ST FDR 4-410	Closed		
27-Aug-16 22:21:55.089	01239003	NAGOHEAD	B/LODGE FDR 6-610	Closed		
27-Aug-16 22:22:18.903	01197020	TREDEGAR	ELTHAM FDR 6-310	Open		
27-Aug-16 22:22:23.326	01197019	TREDEGAR	ENSOM FDR 6-210	Open		
27-Aug-16 22:22:41.762	01197017	TREDEGAR	T3 CB 8-170	Closed		
27-Aug-16 22:23:01.403	01197018	TREDEGAR	MAIN FDR 6-110	Closed		

27-Aug-16 22:23:01.529	01197021	TREDEGAR	SP TWN FDR 6-410	Open		
27-Aug-16 22:23:02.114	01197021	TREDEGAR	SP TWN FDR 6-410	Closed		
27-Aug-16 22:23:39.286	01197020	TREDEGAR	ELTHAM FDR 6-310	Closed		
27-Aug-16 22:23:45.101	01243012	ROCKFORT	DOWNTWN FDR 6-410	Closed		
27-Aug-16 22:34:13.789	01167005	OCHORIOS	FRANKFURT FDR 4-510	Closed		
27-Aug-16 22:39:28.280	01064329	SPURTREE	S/CRUZ FDR 6-210 PHASE A	Closed		
27-Aug-16 22:39:28.280	01064330	SPURTREE	S/CRUZ FDR 6-210 PHASE B	Closed		
27-Aug-16 22:39:28.300	01064331	SPURTREE	S/CRUZ FDR 6-210 PHASE C	Closed		
27-Aug-16 22:46:04.079	01064007	SPURTREE	NEWPORT FDR 6-310	Closed		
27-Aug-16 22:46:22.429	01064006	SPURTREE	S/CRUZ FDR 6-210	Closed		
27-Aug-16 22:47:13.392	01089009	OHARBOUR	SBUS/OH3 CB 9-320	Closed		
27-Aug-16 22:47:20.739	01089010	OHARBOUR	OH3/PAR6 CB 9-320A	Closed		
27-Aug-16 22:48:48.167	01191005	CONSPRNG	LONG LANE FDR 6-310	Closed		
27-Aug-16 22:50:01.421	01009018	ROARIVER	B/TOWN FDR 4-210	Open		
27-Aug-16 22:50:23.295	01009017	ROARIVER	MAIN FDR 4-110	Closed		
27-Aug-16 22:50:27.654	01009020	ROARIVER	S/ANNBY FDR 4-410	Open		
27-Aug-16 22:50:29.709	01009020	ROARIVER	S/ANNBY FDR 4-410	Closed		
27-Aug-16 22:50:43.804	01009018	ROARIVER	B/TOWN FDR 4-210	Closed		
27-Aug-16 22:54:41.872	01026007	PARNASUS	HAL CB 8-230	Closed		
27-Aug-16 22:56:36.420	01471001	DASUBSTN	MONTPELIER ALBS 6-1057	Closed		
27-Aug-16 23:01:13.786	01265004	HUNTBAYB	GT4/NBUS CB 8-930	Closed		
27-Aug-16 23:01:39.812	01265012	HUNTBAYB	SBUS/STIE CB 8-630	Closed		
27-Aug-16 23:02:24.949	01194004	MONYMUSK	MAIN FDR 4-110	Closed		
27-Aug-16 23:02:25.065	01194005	MONYMUSK	L/TOWN FDR 4-210	Open		
27-Aug-16 23:02:27.139	01194005	MONYMUSK	L/TOWN FDR 4-210	Closed		
27-Aug-16 23:02:29.038	01194006	MONYMUSK	FACTORY FDR 4-310	Open		
27-Aug-16 23:02:29.139	01194007	MONYMUSK	MILK RVR FDR 4-410	Open		
27-Aug-16 23:02:53.634	01194006	MONYMUSK	FACTORY FDR 4-310	Closed		
27-Aug-16 23:03:00.398	01194007	MONYMUSK	MILK RVR FDR 4-410	Closed		
27-Aug-16 23:03:39.857	01245006	UPPKCAMP	OXFORD FDR 6-410	Closed		
27-Aug-16 23:04:10.199	01191006	CONSPRNG	STONYHL FDR 6-410	Closed		
27-Aug-16 23:05:10.684	01020022	DUHANEY	SP TWN RD FDR 6-410	Closed		
27-Aug-16 23:06:03.371	01289005	THREEMLS	M GARV DR FDR 5-510	Closed		
27-Aug-16 23:06:50.904	01197019	TREDEGAR	ENSOM FDR 6-210	Closed		
27-Aug-16 23:10:37.579	01289007	THREEMLS	FREEZONE FDR 5-310	Closed		
27-Aug-16 23:22:22.932	01041008	HOPE	EAST FDR 6-510	Closed		
27-Aug-16 23:33:43.889	01002012	BOGUE	GT7 CB 4-720	Open		
27-Aug-16 23:43:32.375	01002007	BOGUE	GT6 CB 4-620	Open		
27-Aug-16 23:51:07.889	01021009	WEST KINGSTON	#5 GEN CB 4-520	Closed		
27-Aug-16 23:54:45.630	01242001	ROCKFORT	EBUS/CMT CB 8-130	Closed		
27-Aug-16 23:55:33.753	01242002	ROCKFORT	JPPC1/CMT CB 8-150	Closed		