

Monitor data

File name: 10-29-2023 10-48-03 Mon data 1280 - Northbound 79MPH Hi Rate.rec

Started Time: 10/29/2023 10:48:03

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB		
0	14.5	0	1609.5	0	FULL SERVICE	9.6	1.3	2	1	0	0	0	0	1	1	1		
203	16.3	0	1610	0	FULL SERVICE	9.7	1.3	2	1	0	0	0	0	1	1	1		
405	15.5	0	1609.8	0	FULL SERVICE	9.7	1.3	2	1	0	0	0	0	1	1	1		
608	16.3	0	1610.3	0	FULL SERVICE	9.7	1.3	2	1	0	0	0	0	1	1	1		
795	15.5	0	1609.8	0	FULL SERVICE	9.7	1.3	2	1	0	0	0	0	1	1	1		
1014	16.3	0	1609.8	0		12.1	1.3	2	1	0	0	0	0	1	1	1		
1201	16	0	1609.5	0		18	1.3	2	1	0	0	0	0	1	1	1		
1404	16.3	0	1609.5	0		26	1.3	2	1	0	0	0	0	1	1	1		
1607	15.3	0	1609.3	0		32.4	1.3	2	1	0	0	0	0	1	1	1		
1809	16.3	0	1609	0		36.5	1.3	2	1	0	0	0	0	1	1	1		
2012	16	0	1608.8	0		39.3	1.3	2	1	0	0	0	0	1	1	1		
2199	15.5	0	1608.8	0		41.2	1.3	2	1	0	1	1	0	1	1	1		
2418	16.3	0	1607.8	0	MIN BRAKE	45.6	1.3	2	1	0	1	1	0	1	1	1		Throttle
2605	487.8	0	1578	0	COAST	52.9	1.3	2	1	0	1	1	0	1	1	1		Emergency
2808	824.5	0	1587.8	0		58.1	1.3	2	1	0	1	1	0	1	1	1		Full Service
3011	1061.3	0	1595.8	0		61.6	1.3	2	1	0	1	1	0	1	1	1		Min Brake
3213	1227	0	1601.3	0		63.8	1.3	2	1	0	1	1	0	1	1	1		Coast
3401	1344	0	1606	0		65.3	1.3	2	1	0	1	1	0	1	1	1		Min Power
3666	1442.8	0	1609.8	0		66.4	1.3	2	1	0	1	1	0	1	1	1		Full Power
3853	1531	0	1590	0		67	1.3	2	1	0	1	1	0	1	1	1		
4056	1607	233	1613	0		67.4	1.3	2	1	0	1	1	0	1	1	1		
4259	1616.8	292	1613.3	0		67.6	1.3	2	1	0	1	1	0	1	1	1		
4461	1620	298	1613.3	0		67.8	1.3	2	1	0	1	1	0	1	1	1		
4649	1620.8	298	1614	0		67.9	1.3	2	1	0	1	1	0	1	1	1		
4851	1621.5	311	1613.8	0.048895		67.9	1.3	2	1	0	1	1	0	1	1	1		
5054	1619.3	342	1612.8	0.146686		68	1.3	2	1	0	1	1	0	1	1	1		
5257	1619	364	1611.8	0.293372		68	1.3	2	1	0	1	1	0	1	1	1		
5444	1617.3	376	1610.3	0.440058		68	1.3	2	1	0	1	1	0	1	1	1		
5663	1615.3	386	1608.3	0.635639		68	1.3	2	1	0	1	1	0	1	1	1		
5865	1612.3	402	1606.8	0.83122		68.1	1.3	2	1	0	1	1	0	1	1	1		
6053	1612	405	1605.5	1.075697		68.1	1.3	2	1	0	1	1	0	1	1	1		
6271	1609.8	403	1604.5	1.320173		68.1	1.3	2	1	0	1	1	0	1	1	1		
6458	1608.3	401	1601.8	1.56465		68.1	1.3	2	1	0	1	1	0	1	1	1		
6661	1607.5	408	1601	1.760231		68.1	1.3	2	1	0	1	1	0	1	1	1		
6848	1605.8	405	1599.3	2.004708		68.1	1.3	2	1	0	1	1	0	1	1	1		
7113	1602.5	401	1596.8	2.29808		68.1	1.3	2	1	0	1	1	0	1	1	1		
7301	1600	404	1595.3	2.542556		68.1	1.3	2	1	0	1	1	0	1	1	1		
7503	1601	398	1594.5	2.787033		68.1	1.3	2	1	0	1	1	0	1	1	1		
7706	1599.5	402	1594.8	3.031509		68.1	1.3	2	1	0	1	1	0	1	1	1		
7909	1598.8	403	1593.8	3.275986		68.1	1.3	2	1	0	1	1	0	1	1	1		
8096	1597.8	407	1592.5	3.520463		68.1	1.3	2	1	0	1	1	0	1	1	1		
8315	1595.5	400	1590.5	3.764939		68.1	1.3	2	1	0	1	1	0	1	1	1		
8502	1594.5	409	1588.3	4.009416		68.1	1.3	2	1	0	1	1	0	1	1	1		
8705	1591.8	399	1587	4.253892		68.1	1.3	2	1	0	1	1	0	1	1	1		
8908	1591.3	402	1585.5	4.449474		68.1	1.3	2	1	0	1	1	0	1	1	1		
9110	1590	402	1585	4.69395		68.1	1.3	2	1	0	1	1	0	1	1	1		
9298	1587.5	404	1582.5	4.938427		68.1	1.3	2	1	0	1	1	0	1	1	1		
9500	1584.3	402	1580	5.182903		68.1	1.3	2	1	0	1	1	0	1	1	1		
9703	1584.5	406	1578.8	5.42738		68.1	1.3	2	1	0	1	1	0	1	1	1		

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
9906	1581.5	409	1577.8	5.671856		68.1	1.3	2	1	0	1	1	0	1	1	1
10109	1584.5	404	1580.8	5.916333		68.1	1.3	2	1	0	1	1	0	1	1	1
10312	1587.8	405	1582.8	6.16081		68.1	1.3	2	1	0	1	1	0	1	1	1
10514	1586.8	407	1583.5	6.405286		68.1	1.3	2	1	0	1	1	0	1	1	1
10748	1587.8	404	1583.5	6.747553		68.1	1.3	2	1	0	1	1	0	1	1	1
10967	1585	401	1580.3	6.99203		68.1	1.3	2	1	0	1	1	0	1	1	1
11154	1582.3	401	1579	7.236506		68.1	1.3	2	1	0	1	1	0	1	1	1
11357	1579	404	1576.8	7.480983		67.7	1.3	2	1	0	1	1	0	1	1	1
11560	1580.3	405	1577.3	7.72546		64	1.3	2	1	0	1	1	0	1	1	1
11762	1586	378	1580	7.969936		60.8	1.3	2	1	0	1	1	0	1	1	1
11950	1591.8	366	1586.3	8.165517		58.7	1.3	2	1	0	1	1	0	1	1	1
12168	1596	350	1591.3	8.312203		57.3	1.3	2	1	0	1	1	0	1	1	1
12355	1602.5	333	1596	8.458889	MIN POWER	56.4	1.3	2	1	0	1	1	0	1	1	1
12558	1606.5	321	1600.8	8.605575	MIN POWER	55.8	1.3	2	1	0	1	1	0	1	1	1
12745	1609.8	328	1602.5	8.703366	MIN POWER	55.4	1.3	2	1	0	1	1	0	1	1	1
12964	1609	322	1604.5	8.801156	MIN POWER	55.1	1.3	2	1	0	1	1	0	1	1	1
13151	1611.8	315	1606	8.947842	MIN POWER	54.9	1.3	2	1	0	1	1	0	1	1	1
13354	1613	317	1606.5	9.045633	MIN POWER	54.8	1.3	2	1	0	1	1	0	1	1	1
13556	1612	319	1606.8	9.143424	MIN POWER	54.8	1.3	2	1	0	1	1	0	1	1	1
13759	1611	317	1607	9.241214	MIN POWER	54.7	1.3	2	1	0	1	1	0	1	1	1
13946	1611.8	322	1606.3	9.339005	MIN POWER	54.7	1.3	2	1	0	1	1	0	1	1	1
14165	1614.3	321	1607.3	9.436796	MIN POWER	54.7	1.3	2	1	0	1	1	0	1	1	1
14414	1615.3	313	1607	9.534586	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
14602	1613.5	316	1607	9.632377	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
14820	1611.3	322	1606.3	9.779063	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
15007	1612.8	316	1606.8	9.827958	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
15210	1612.8	311	1606.8	9.925749	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
15397	1614.3	310	1607.5	10.02354	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
15616	1615.3	315	1607.3	10.12133	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
15803	1614.5	311	1607.5	10.21912	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
16006	1609.8	316	1607	10.31691	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
16208	1612.3	314	1607.3	10.36581	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
16411	1612	313	1607	10.4636	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
16598	1612.3	312	1607.5	10.56139	MIN POWER	54.6	1.3	2	1	0	1	0	0	1	1	1
16817	1615.3	314	1609.5	10.61028	MIN POWER	53.6	1.3	2	1	0	1	0	0	1	1	1
17004	1621.3	305	1615	10.70807	COAST	51.6	1.3	2	1	0	0	0	0	1	1	1
17207	1630	296	1621	10.70807	COAST	49.2	1.3	2	1	0	0	0	0	1	1	1
17394	1636.5	290	1628	10.75697	COAST	47.5	1.3	2	1	0	0	0	0	1	1	1
17612	1638.8	296	1632.5	10.75697	MIN BRAKE	46.5	1.3	2	1	0	0	0	0	1	1	1
17800	1650	13	1636.8	10.70807	MIN BRAKE	45.8	1.3	2	1	0	0	0	0	1	1	1
18049	1653.5	0	1645.3	10.61028	MIN BRAKE	45.2	1.3	2	1	0	0	0	0	1	1	1
18268	1652.3	0	1645	10.51249	MIN BRAKE	45	1.3	2	1	0	0	0	0	1	1	1
18455	1652	0	1644.8	10.4147	MIN BRAKE	44.8	1.3	2	1	0	0	0	0	1	1	1
18658	1652.3	0	1644.8	10.31691	MIN BRAKE	44.7	1.3	2	1	0	0	0	0	1	1	1
18860	1652	0	1644.3	10.21912	MIN BRAKE	44.6	1.3	2	1	0	0	0	0	1	1	1
19063	1650.5	0	1643.3	10.17023	MIN BRAKE	44.5	1.3	2	1	0	0	0	0	1	1	1
19250	1650.5	0	1642.8	10.12133	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
19469	1650	0	1642.5	10.02354	MIN BRAKE	44.2	1.3	2	1	0	0	0	0	1	1	1
19656	1650.5	0	1642.3	9.974644	MIN BRAKE	44.3	1.3	2	1	0	0	0	0	1	1	1
19859	1648.8	0	1640.8	9.876853	MIN BRAKE	44.3	1.3	2	1	0	0	0	0	1	1	1
20062	1648.3	0	1640.5	9.827958	MIN BRAKE	44.3	1.3	2	1	0	0	0	0	1	1	1
20264	1647.5	0	1640.3	9.779063	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
20452	1646	0	1638.8	9.730167	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
20654	1645.3	0	1638	9.632377	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
20857	1644.5	0	1637.5	9.583481	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
21060	1644.5	0	1637.3	9.485691	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
21247	1644.5	0	1636.8	9.436796	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
21466	1644.3	0	1636.5	9.3879	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
21715	1643.8	0	1636.5	9.29011	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
21902	1644.5	0	1636.8	9.241214	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
22121	1644.5	0	1636.5	9.192319	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
22308	1645	0	1636.8	9.094528	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
22511	1643.5	0	1636.8	8.996738	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
22714	1645	0	1636.8	8.947842	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
22916	1644.5	0	1637	8.850052	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
23104	1645	0	1636.5	8.752261	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
23306	1644.5	0	1636.5	8.703366	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
23509	1643.8	0	1636.3	8.654471	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
23712	1643.3	0	1636	8.55668	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
23899	1644.3	0	1636.5	8.458889	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
24118	1644.5	0	1636.5	8.409994	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
24305	1644.3	0	1636.8	8.312203	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
24508	1644.5	0	1636.8	8.263308	MIN BRAKE	44.4	1.3	2	1	0	0	0	0	1	1	1
24710	1643.8	0	1636.3	8.165517	MIN BRAKE	44.5	1.3	2	1	0	0	0	0	1	1	1
24913	1644.5	0	1636.5	8.116622	MIN BRAKE	44.5	1.3	2	1	0	0	0	0	1	1	1
25100	1644.3	0	1636.5	8.018831	MIN BRAKE	44.5	1.3	2	1	0	0	0	0	1	1	1
25366	1644.5	0	1636.5	7.921041	MIN BRAKE	44.5	1.3	2	1	0	0	0	0	1	1	1
25553	1644.3	0	1636.8	7.872146	MIN BRAKE	44.5	1.3	2	1	0	0	0	0	1	1	1
25756	1644.5	0	1636.5	7.774355	MIN BRAKE	45	1.3	2	1	0	1	0	0	1	1	1
25958	1643.8	0	1636	7.72546	MIN BRAKE	46.6	1.3	2	1	0	1	1	0	1	1	1
26161	1643.5	0	1636	7.627669	COAST	48.8	1.3	2	1	0	1	1	0	1	1	1
26364	1641.8	262	1632.5	7.578774	COAST	50.8	1.3	2	1	0	1	1	0	1	1	1
26551	1638.3	251	1632	7.529878	COAST	52.1	1.3	2	1	0	1	1	0	1	1	1
26770	1638	263	1631.5	7.480983		53	1.3	2	1	0	1	1	0	1	1	1
26957	1629.5	284	1626	7.529878	MIN POWER	53.6	1.3	2	1	0	1	1	0	1	1	1
27160	1624.8	301	1617.8	7.529878	MIN POWER	53.9	1.3	2	1	0	1	1	0	1	1	1
27362	1616.5	320	1611.3	7.627669	MIN POWER	54.2	1.3	2	1	0	1	1	0	1	1	1
27565	1612	339	1606.8	7.72546	MIN POWER	54.3	1.3	2	1	0	1	1	0	1	1	1
27752	1608	345	1603.5	7.82325	MIN POWER	54.4	1.3	2	1	0	1	1	0	1	1	1
27955	1607.5	350	1601.3	7.921041	MIN POWER	54.5	1.3	2	1	0	1	1	0	1	1	1
28158	1607	357	1601.5	8.067727	MIN POWER	54.5	1.3	2	1	0	1	1	0	1	1	1
28361	1605.5	352	1601	8.165517	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
28548	1607	344	1600.3	8.312203	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
28766	1605	350	1600.8	8.409994	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
29000	1609.5	327	1602.3	8.55668	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
29203	1610.3	328	1602.5	8.654471	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
29406	1608.8	324	1603.5	8.752261	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
29609	1609	328	1603.8	8.850052	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
29796	1608.8	321	1603.5	8.947842	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
30014	1609	319	1603.5	9.045633	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
30217	1609	311	1603.8	9.094528	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
30404	1609.8	317	1604	9.192319	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
30623	1608.3	314	1603.3	9.29011	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
30810	1609	311	1604.5	9.3879	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
31013	1612	309	1604.5	9.485691	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
31200	1611	317	1604.3	9.583481	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
31418	1610.5	306	1603.8	9.681272	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
31606	1609.5	309	1603.3	9.730167	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
31808	1608.3	315	1603.8	9.827958	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
32011	1609.5	313	1604	9.925749	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
32214	1608	311	1604.3	9.974644	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
32401	1610.5	304	1604.3	10.07243	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
32666	1611	312	1603.5	10.17023	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
32854	1609.5	318	1603.5	10.26802	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
33056	1609.8	307	1603.5	10.31691	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
33259	1608.8	313	1603.8	10.4147	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
33462	1608.8	315	1604.5	10.4636	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
33649	1610.3	310	1603.8	10.56139	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
33852	1611	310	1603.8	10.61028	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
34055	1609	302	1602.8	10.75697	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
34258	1608.8	318	1602.5	10.75697	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
34460	1608.8	308	1603.3	10.85476	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
34663	1609	311	1603.3	10.95255	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
34866	1609.8	308	1603.8	11.00145	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
35053	1610.3	312	1603.5	11.09924	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
35272	1608.3	308	1603.8	11.09924	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
35459	1607.5	309	1603.3	11.24592	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
35662	1608.8	306	1602.5	11.29482	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
35849	1607	314	1602.5	11.34371	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
36067	1608	308	1602.8	11.4415	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
36301	1610.3	311	1603.5	11.53929	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
36504	1609.8	305	1604.3	11.58819	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
36707	1609.8	311	1604	11.68598	MIN POWER	54.7	1.3	2	1	0	1	1	0	1	1	1
36910	1611.8	311	1604	11.73488		57.6	1.3	2	1	0	1	1	0	1	1	1
37097	1600	314	1595.5	11.83267		67.1	1.3	2	1	0	1	1	0	1	1	1
37315	1575.8	349	1575	11.93046		75.1	1.3	2	1	0	1	1	0	1	1	1
37502	1544.3	411	1546.3	12.17493		80.4	1.3	2	1	0	1	1	0	1	1	1
37705	1519.3	467	1520.8	12.4683		83.3	1.3	2	1	0	1	1	0	1	1	1
37908	1505.8	507	1504.3	12.76168		83.3	1.3	2	1	0	1	1	0	1	1	1
38111	1493.3	532	1495.5	13.15284		82.5	1.3	2	1	0	1	1	0	1	1	1
38298	1486.5	547	1489.8	13.544		82	1.3	2	1	0	1	1	0	1	1	1
38501	1485.3	536	1486.8	13.93516		81.6	1.3	2	1	0	1	1	0	1	1	1
38719	1482.3	531	1484	14.27743		81.4	1.3	2	1	0	1	1	0	1	1	1
38906	1481.3	526	1481.3	14.71749		81.3	1.3	2	1	0	1	1	0	1	1	1
39109	1477.5	552	1477.8	15.05976		81.2	1.3	2	1	0	1	1	0	1	1	1
39312	1471.3	524	1476	15.45092		81.1	1.3	2	1	0	1	1	0	1	1	1
39515	1468.5	534	1474	15.89098		81.1	1.3	2	1	0	1	1	0	1	1	1
39702	1467.3	538	1471	16.23324		81.1	1.3	2	1	0	1	1	0	1	1	1
39967	1466	526	1467.5	16.6733		81.1	1.3	2	1	0	1	1	0	1	1	1
40155	1463.8	534	1464.5	17.06446		81	1.3	2	1	0	1	1	0	1	1	1
40357	1454.3	530	1460.8	17.45563		81	1.3	2	1	0	1	1	0	1	1	1
40560	1454.5	537	1458.5	17.84679		81	1.3	2	1	0	1	1	0	1	1	1
40763	1449	543	1455.3	18.18906		81	1.3	2	1	0	1	1	0	1	1	1
40950	1448	545	1450.8	18.58022		81	1.3	2	1	0	1	1	0	1	1	1
41169	1445.8	546	1446.8	18.92249		81	1.3	2	1	0	1	1	0	1	1	1
41356	1435.5	542	1442.5	19.31365		81	1.3	2	1	0	1	1	0	1	1	1
41559	1435	529	1440.8	19.65592		81	1.3	2	1	0	1	1	0	1	1	1
41746	1432.5	545	1438.8	20.09597		81	1.3	2	1	0	1	1	0	1	1	1
41964	1433	546	1434.5	20.43824		81	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
42151	1421.5	535	1430.8	20.8294		81	1.3	2	1	0	1	1	0	1	1	1
42354	1424.3	525	1429.5	21.22057		81	1.3	2	1	0	1	1	0	1	1	1
42557	1418	548	1424	21.61173		81	1.3	2	1	0	1	1	0	1	1	1
42760	1417.5	538	1423	22.00289		81	1.3	2	1	0	1	1	0	1	1	1
42963	1415	538	1420.5	22.34516		81	1.3	2	1	0	1	1	0	1	1	1
43165	1413.5	533	1421	22.73632		81	1.3	2	1	0	1	1	0	1	1	1
43368	1413.3	538	1420.3	23.12748		81	1.3	2	1	0	1	1	0	1	1	1
43602	1412.8	522	1419.5	23.56754		81	1.3	2	1	0	1	1	0	1	1	1
43821	1415	515	1420.3	23.90981		81	1.3	2	1	0	1	1	0	1	1	1
44008	1412.8	517	1420.3	24.25208		81	1.3	2	1	0	1	1	0	1	1	1
44211	1417.3	495	1422.8	24.64324		81	1.3	2	1	0	1	1	0	1	1	1
44398	1414.5	498	1421.3	24.93661		81	1.3	2	1	0	1	1	0	1	1	1
44616	1415	499	1421.5	25.27888		81	1.3	2	1	0	1	1	0	1	1	1
44803	1416.8	490	1423.3	25.62114		81	1.3	2	1	0	1	1	0	1	1	1
45006	1418	492	1424.8	25.96341		81	1.3	2	1	0	1	1	0	1	1	1
45209	1422	467	1424.3	26.25678		81	1.3	2	1	0	1	1	0	1	1	1
45412	1428.3	500	1426.3	26.59905		81	1.3	2	1	0	1	1	0	1	1	1
45599	1416.5	505	1422.3	26.94132		81	1.3	2	1	0	1	1	0	1	1	1
45817	1424.8	501	1433	27.23469		81	1.3	2	1	0	1	1	0	1	1	1
46005	1415	482	1425.8	27.52806		81	1.3	2	1	0	1	1	0	1	1	1
46207	1420.8	494	1423.5	27.82143		81	1.3	2	1	0	1	1	0	1	1	1
46410	1422	454	1423.3	28.1637		81	1.3	2	1	0	1	1	0	1	1	1
46613	1424.5	464	1424	28.45707		81	1.3	2	1	0	1	1	0	1	1	1
46800	1418.3	517	1423.5	28.75044		81	1.3	2	1	0	1	1	0	1	1	1
47003	1420.5	450	1423.5	28.99492		81	1.3	2	1	0	1	1	0	1	1	1
47268	1419.8	435	1424.3	29.38608		81	1.3	2	1	0	1	1	0	1	1	1
47455	1418.8	436	1423.8	29.67946		81	1.3	2	1	0	1	1	0	1	1	1
47658	1423.5	457	1423.8	29.97283		81	1.3	2	1	0	1	1	0	1	1	1
47861	1418.3	434	1423.8	30.2173		81	1.3	2	1	0	1	1	0	1	1	1
48064	1415	444	1424.8	30.46178		81	1.3	2	1	0	1	1	0	1	1	1
48251	1422.8	425	1424	30.75515		81	1.3	2	1	0	1	1	0	1	1	1
48469	1416	470	1425.3	31.04852		81	1.3	2	1	0	1	1	0	1	1	1
48657	1415	482	1424	31.293		81	1.3	2	1	0	1	1	0	1	1	1
48859	1418.3	449	1425.8	31.58637		81	1.3	2	1	0	1	1	0	1	1	1
49062	1422.3	439	1424.8	31.83085		81	1.3	2	1	0	1	1	0	1	1	1
49265	1424.5	427	1425.8	32.12422		81	1.3	2	1	0	1	1	0	1	1	1
49452	1415.8	457	1425.3	32.3687		81	1.3	2	1	0	1	1	0	1	1	1
49655	1423.8	416	1426	32.66207		81	1.3	2	1	0	1	1	0	1	1	1
49858	1422.3	416	1426.5	32.90655		81	1.3	2	1	0	1	1	0	1	1	1
50061	1423.8	432	1426.8	33.19992		81	1.3	2	1	0	1	1	0	1	1	1
50248	1423	417	1426.5	33.3955		81	1.3	2	1	0	1	1	0	1	1	1
50466	1423	413	1426.3	33.68887		81	1.3	2	1	0	1	1	0	1	1	1
50716	1415.3	463	1426	33.98224		81	1.3	2	1	0	1	1	0	1	1	1
50903	1423.5	413	1426.3	34.17782		81	1.3	2	1	0	1	1	0	1	1	1
51121	1424.8	414	1426.8	34.4712		81	1.3	2	1	0	1	1	0	1	1	1
51309	1421.3	448	1427.5	34.71567		81	1.3	2	1	0	1	1	0	1	1	1
51511	1416.8	456	1426.8	34.91125		81	1.3	2	1	0	1	1	0	1	1	1
51714	1421.5	415	1427	35.20463		81	1.3	2	1	0	1	1	0	1	1	1
51917	1418.8	450	1427.3	35.40021		81	1.3	2	1	0	1	1	0	1	1	1
52104	1419.8	433	1426.3	35.64468		81	1.3	2	1	0	1	1	0	1	1	1
52307	1423.5	415	1426.8	35.88916		81	1.3	2	1	0	1	1	0	1	1	1
52510	1427.8	413	1427.5	36.13364		81	1.3	2	1	0	1	1	0	1	1	1
52713	1418.8	443	1427.8	36.32922		81	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
52900	1417.3	440	1426.5	36.5248		81	1.3	2	1	0	1	1	0	1	1	1
53118	1419.8	406	1425.3	36.81817		81	1.3	2	1	0	1	1	0	1	1	1
53305	1415.3	443	1425.8	36.96486		81	1.3	2	1	0	1	1	0	1	1	1
53508	1421.5	409	1426	37.20933		81	1.3	2	1	0	1	1	0	1	1	1
53711	1420.5	429	1427.5	37.50271		81	1.3	2	1	0	1	1	0	1	1	1
53914	1418.3	436	1426.5	37.69829		81	1.3	2	1	0	1	1	0	1	1	1
54101	1422.8	402	1426.3	37.89387		81	1.3	2	1	0	1	1	0	1	1	1
54366	1420	443	1427.5	38.13834		81	1.3	2	1	0	1	1	0	1	1	1
54569	1421.5	399	1426.5	38.38282		81	1.3	2	1	0	1	1	0	1	1	1
54756	1420.8	423	1426.8	38.6273		81	1.3	2	1	0	1	1	0	1	1	1
54959	1423	400	1427.5	38.77398		81	1.3	2	1	0	1	1	0	1	1	1
55162	1422.8	424	1426.8	39.01846		81	1.3	2	1	0	1	1	0	1	1	1
55365	1423	395	1426.3	39.26294		81	1.3	2	1	0	1	1	0	1	1	1
55552	1417.3	431	1427.5	39.45852		81	1.3	2	1	0	1	1	0	1	1	1
55770	1419.8	412	1426	39.6052		81	1.3	2	1	0	1	1	0	1	1	1
55957	1418.3	420	1424.8	39.84968		81	1.3	2	1	0	1	1	0	1	1	1
56160	1416.8	425	1425.3	40.09416		81	1.3	2	1	0	1	1	0	1	1	1
56363	1421.5	398	1424.8	40.28974		81	1.3	2	1	0	1	1	0	1	1	1
56566	1421.5	403	1425.5	40.53422		81	1.3	2	1	0	1	1	0	1	1	1
56753	1419.8	399	1424.3	40.6809		81	1.3	2	1	0	1	1	0	1	1	1
56956	1422	394	1425.5	40.92538		81	1.3	2	1	0	1	1	0	1	1	1
57159	1415	420	1425	41.12096		81	1.3	2	1	0	1	1	0	1	1	1
57361	1418	418	1424.8	41.21875		81	1.3	2	1	0	1	1	0	1	1	1
57549	1418	415	1425.5	41.41433		81	1.3	2	1	0	1	1	0	1	1	1
57767	1414.5	419	1424.8	41.7077		81	1.3	2	1	0	1	1	0	1	1	1
58001	1419	404	1425.5	41.90328		81	1.3	2	1	0	1	1	0	1	1	1
58204	1420	405	1425.3	42.14776		81	1.3	2	1	0	1	1	0	1	1	1
58422	1421.5	397	1425.8	42.34334		81	1.3	2	1	0	1	1	0	1	1	1
58609	1422.8	392	1425.3	42.53892		81	1.3	2	1	0	1	1	0	1	1	1
58812	1416.5	419	1425	42.7834		81	1.3	2	1	0	1	1	0	1	1	1
59015	1417.5	418	1425.3	42.93009		81	1.3	2	1	0	1	1	0	1	1	1
59218	1422	393	1425.8	43.07677		81	1.3	2	1	0	1	1	0	1	1	1
59405	1418.8	392	1425.3	43.32125		81	1.3	2	1	0	1	1	0	1	1	1
59623	1419.3	401	1426.8	43.51683		81	1.3	2	1	0	1	1	0	1	1	1
59811	1424.3	395	1426.8	43.76131		81	1.3	2	1	0	1	1	0	1	1	1
60013	1420.5	411	1427.5	43.95689		81	1.3	2	1	0	1	1	0	1	1	1
60201	1421.5	414	1427	44.15247		81	1.3	2	1	0	1	1	0	1	1	1
60419	1423.5	398	1428.8	44.29915		81	1.3	2	1	0	1	1	0	1	1	1
60606	1419.8	413	1426.8	44.44584		81	1.3	2	1	0	1	1	0	1	1	1
60809	1420.5	395	1425.8	44.64142		81	1.3	2	1	0	1	1	0	1	1	1
61012	1417.5	414	1425.5	44.837		81	1.3	2	1	0	1	1	0	1	1	1
61215	1421.5	400	1426.5	45.03258		81	1.3	2	1	0	1	1	0	1	1	1
61402	1417.3	414	1426.5	45.22817		81	1.3	2	1	0	1	1	0	1	1	1
61667	1419	406	1426.5	45.47264		81	1.3	2	1	0	1	1	0	1	1	1
61854	1420	396	1425.8	45.66822		81	1.3	2	1	0	1	1	0	1	1	1
62057	1419	412	1427.8	45.81491		81	1.3	2	1	0	1	1	0	1	1	1
62260	1424.5	384	1426.5	46.05939		81	1.3	2	1	0	1	1	0	1	1	1
62463	1422.8	385	1426.3	46.20607		81	1.3	2	1	0	1	1	0	1	1	1
62665	1418.8	405	1427	46.35276		81	1.3	2	1	0	1	1	0	1	1	1
62853	1419	407	1427.5	46.54834		81	1.3	2	1	0	1	1	0	1	1	1
63071	1420	387	1426	46.69502		81	1.3	2	1	0	1	1	0	1	1	1
63258	1421.5	395	1427.8	46.89061		81	1.3	2	1	0	1	1	0	1	1	1
63461	1423	387	1427.8	47.03729		81	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
63664	1420.5	405	1429	47.23287		81	1.3	2	1	0	1	1	0	1	1	1
63867	1422	407	1427.8	47.42845		81	1.3	2	1	0	1	1	0	1	1	1
64054	1426	391	1428	47.57514		81	1.3	2	1	0	1	1	0	1	1	1
64272	1424.5	387	1428	47.77072		81	1.3	2	1	0	1	1	0	1	1	1
64459	1423	401	1428.8	47.91741		81	1.3	2	1	0	1	1	0	1	1	1
64662	1425.3	387	1427.8	48.11299		81	1.3	2	1	0	1	1	0	1	1	1
64849	1424.5	391	1429.3	48.30857		81	1.3	2	1	0	1	1	0	1	1	1
65068	1427.8	380	1430	48.50415		81	1.3	2	1	0	1	1	0	1	1	1
65302	1430.8	383	1430.8	48.69973		81	1.3	2	1	0	1	1	0	1	1	1
65505	1423.8	393	1430.5	48.79752		81	1.3	2	1	0	1	1	0	1	1	1
65707	1425.3	392	1429.8	49.042		81	1.3	2	1	0	1	1	0	1	1	1
65910	1424.3	390	1429.8	49.18869		81	1.3	2	1	0	1	1	0	1	1	1
66097	1427.8	381	1429.3	49.43316		81	1.3	2	1	0	1	1	0	1	1	1
66316	1422.3	407	1430	49.53095		81	1.3	2	1	0	1	1	0	1	1	1
66503	1429.3	384	1431.3	49.72653		81	1.3	2	1	0	1	1	0	1	1	1
66706	1426.8	393	1431.5	49.87322		81	1.3	2	1	0	1	1	0	1	1	1
66924	1426.3	389	1430.8	49.97101		81	1.3	2	1	0	1	1	0	1	1	1
67111	1426	388	1431.3	50.16659		81	1.3	2	1	0	1	1	0	1	1	1
67314	1428.3	386	1432	50.31328		81	1.3	2	1	0	1	1	0	1	1	1
67501	1427.5	384	1431.8	50.50886		81	1.3	2	1	0	1	1	0	1	1	1
67720	1430.3	382	1431.8	50.70444		81	1.3	2	1	0	1	1	0	1	1	1
67907	1424.3	395	1432.5	50.85113		81	1.3	2	1	0	1	1	0	1	1	1
68110	1426.8	395	1432	51.04671		81	1.3	2	1	0	1	1	0	1	1	1
68313	1428.5	383	1431.8	51.1445		81	1.3	2	1	0	1	1	0	1	1	1
68515	1425.5	389	1432.3	51.34008		81	1.3	2	1	0	1	1	0	1	1	1
68703	1427.8	386	1432.8	51.48677		81	1.3	2	1	0	1	1	0	1	1	1
68968	1427.8	396	1432.8	51.68235		81	1.3	2	1	0	1	1	0	1	1	1
69155	1427.5	394	1432.5	51.82903		81	1.3	2	1	0	1	1	0	1	1	1
69358	1427.8	386	1432.8	52.02461		81	1.3	2	1	0	1	1	0	1	1	1
69561	1426.8	398	1433.8	52.1713		81	1.3	2	1	0	1	1	0	1	1	1
69763	1427.8	387	1433	52.31799		81	1.3	2	1	0	1	1	0	1	1	1
69951	1429.3	393	1435	52.41578		78.9	1.3	2	1	0	1	1	0	1	1	1
70169	1457	353	1455	52.61136		71.3	1.3	2	1	0	1	1	0	1	1	1
70356	1495.5	295	1489.8	52.80694		65.6	1.3	2	1	0	1	1	0	1	1	1
70559	1531	249	1525.8	52.80694		61.8	1.3	2	1	0	1	1	0	1	1	1
70746	1565.5	218	1558.8	52.90473		59.3	1.3	2	1	0	1	1	0	1	1	1
70965	1587.5	200	1581.8	52.95362		57.7	1.3	2	1	0	1	1	0	1	1	1
71168	1604.3	182	1597.3	52.95362	MIN POWER	56.6	1.3	2	1	0	1	1	0	1	1	1
71355	1615.3	162	1606	53.05142	MIN POWER	55.9	1.3	2	1	0	1	1	0	1	1	1
71573	1622.3	154	1610.8	53.05142	MIN POWER	55.5	1.3	2	1	0	1	1	0	1	1	1
71760	1621.5	159	1613.8	53.05142	MIN POWER	55.2	1.3	2	1	0	1	1	0	1	1	1
71963	1621.3	184	1616	53.05142	MIN POWER	55	1.3	2	1	0	1	1	0	1	1	1
72166	1622.5	176	1615.3	53.00252	MIN POWER	54.8	1.3	2	1	0	1	1	0	1	1	1
72369	1627	164	1617.5	52.95362	MIN POWER	54.8	1.3	2	1	0	1	1	0	1	1	1
72603	1624.8	186	1617.5	53.05142	MIN POWER	54.7	1.3	2	1	0	1	1	0	1	1	1
72821	1623.8	162	1618	53.00252	MIN POWER	54.7	1.3	2	1	0	1	1	0	1	1	1
73008	1625.3	153	1618	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
73211	1630.3	158	1618.3	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
73398	1626	157	1619.3	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
73617	1626.3	181	1618.3	53.10031	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
73804	1624.5	185	1618.8	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
74007	1626.3	176	1618.3	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
74210	1625.5	164	1618	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
74412	1626.3	155	1617.8	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
74600	1624.5	154	1616.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
74818	1626.3	169	1617.5	53.05142	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
75005	1620.5	190	1617.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
75208	1624	178	1617	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
75411	1623	160	1617.3	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
75614	1627.8	157	1617.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
75816	1626	166	1617.8	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
76004	1622.5	181	1617.3	53.05142	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
76269	1625.3	160	1617.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
76456	1625.3	184	1617.8	53.05142	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
76659	1622.3	177	1617.5	53.05142	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
76862	1623.8	159	1615.8	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
77064	1623.8	155	1615.3	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
77252	1623	151	1615	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
77470	1623	180	1615	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
77657	1619.8	184	1615.8	53.05142	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
77860	1621.3	170	1615	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
78047	1623.3	162	1614.8	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
78266	1623.3	155	1614.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
78453	1623.3	165	1613.8	53.05142	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
78656	1621.3	179	1614.3	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
78858	1620	186	1614	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
79061	1620.5	176	1613.8	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
79248	1620.8	164	1612.8	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
79467	1622.3	156	1612.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
79670	1619	153	1611.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
79904	1614.5	166	1610.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
80122	1619	158	1609.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
80309	1619	152	1609.5	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
80512	1617.8	157	1609.8	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
80715	1616.8	173	1610	53.05142	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
80918	1614.3	184	1608.3	53.05142	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
81105	1617.3	173	1608.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
81308	1615.3	162	1608	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
81510	1617.5	154	1608	53.05142	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
81713	1615.3	159	1608.5	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
81900	1614.3	180	1608	53.05142	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
82119	1617.5	185	1607.8	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
82306	1615.3	170	1607.3	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
82509	1616.5	166	1607.3	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
82712	1615	155	1606.8	53.00252	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
82914	1615.8	152	1607.8	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
83102	1612	157	1606	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
83304	1615.3	152	1605.8	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
83570	1614.3	160	1608	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
83757	1614.3	163	1606.8	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
83960	1610.5	155	1606.8	52.85583	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
84162	1614.5	150	1607.3	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
84365	1618.3	158	1608.8	52.85583	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
84552	1619.8	168	1610.3	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
84771	1620.8	183	1611.8	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
84958	1620.5	191	1611.5	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
85161	1617.3	175	1611.3	52.85583	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
85364	1617.5	159	1610	52.85583	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
85566	1619	152	1611	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
85754	1622	174	1609.5	52.95362	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
85956	1620.8	178	1612.8	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
86159	1612.8	172	1608	52.85583	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
86362	1611.8	169	1604.3	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
86549	1611	165	1604.5	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
86768	1612.3	156	1604	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
86955	1617.5	172	1605.3	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
87204	1608	152	1601	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
87423	1610.5	160	1601.5	52.85583	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
87610	1611.8	173	1602	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
87813	1609.5	179	1601	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
88016	1611	185	1602	52.90473	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
88218	1608	171	1601.8	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
88406	1609.5	153	1601.3	52.85583	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
88608	1611.3	162	1601	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
88811	1612.3	181	1605	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
89014	1609.5	167	1602	52.85583	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
89201	1609.8	157	1601.8	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
89420	1611.3	177	1602.3	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
89607	1609	180	1601	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
89810	1609.8	155	1602	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
90012	1612	174	1602.5	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
90215	1608.8	179	1602	52.75804	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
90402	1611.3	155	1601.8	52.75804	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
90621	1612	188	1601.8	52.75804	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
90870	1611.3	179	1601.3	52.75804	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
91058	1608.3	162	1601	52.75804	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
91276	1613.5	169	1604.3	52.80694	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
91463	1613.8	177	1607	52.75804	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
91666	1616.5	161	1606.3	52.75804	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
91853	1613	186	1606.5	52.75804	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
92072	1616	155	1607.5	52.75804	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
92259	1613.8	186	1607.8	52.70915	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
92462	1616.8	157	1607.5	52.70915	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
92664	1612.3	184	1605.3	52.70915	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
92867	1613.5	156	1605.3	52.70915	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
93054	1614.3	175	1606.5	52.70915	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
93273	1613.5	176	1606.8	52.66025	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
93460	1616.5	153	1606.8	52.66025	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
93663	1613.8	187	1605.8	52.70915	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
93850	1617.3	161	1606.3	52.70915	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
94068	1616	165	1607	52.70915	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
94302	1612.8	164	1606	52.66025	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
94505	1613.5	157	1607.3	52.66025	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
94708	1614.5	186	1608.8	52.66025	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
94911	1617.8	170	1610	52.61136	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
95114	1618.5	156	1610.5	52.66025	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
95316	1617.8	160	1610	52.61136	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
95519	1618.5	187	1611.5	52.56246	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
95706	1615.8	182	1611.3	52.51357	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
95925	1617.5	172	1611	52.61136	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
96112	1619.8	169	1612	52.61136	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
96315	1620	158	1611	52.56246	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
96502	1619.8	151	1611.5	52.51357	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
96720	1620	153	1611.5	52.56246	MIN POWER	55.1	1.3	2	1	0	1	1	0	1	1	1
96908	1616.8	153	1609.8	52.51357		62.4	1.3	2	1	0	1	1	0	1	1	1
97110	1582.8	153	1581.8	52.56246		71.9	1.3	2	1	0	1	1	0	1	1	1
97313	1525.3	222	1530.8	52.66025		78.3	1.3	2	1	0	1	1	0	1	1	1
97516	1471.8	280	1479.3	52.75804		82.5	1.3	2	1	0	1	1	0	1	1	1
97703	1431.5	343	1441.8	52.80694		85.2	1.3	2	1	0	1	1	0	1	1	1
97968	1393.8	416	1403.5	53.05142		87.4	1.3	2	1	0	1	1	0	1	1	1
98156	1371.8	471	1383.5	53.29589	MAX POWER	88.5	1.3	2	1	0	1	1	0	1	1	1
98358	1364.5	497	1374	53.49147	MAX POWER	89.2	1.3	2	1	0	1	1	0	1	1	1
98561	1357.8	512	1368.3	53.68705	MAX POWER	89.6	1.3	2	1	0	1	1	0	1	1	1
98764	1355.8	531	1366.8	53.88264	MAX POWER	89.9	1.3	2	1	0	1	1	0	1	1	1
98951	1352.8	536	1365.3	54.07822	MAX POWER	90.1	1.3	2	1	0	1	1	0	1	1	1
99170	1358.5	521	1365.8	54.2738	MAX POWER	90.2	1.3	2	1	0	1	1	0	1	1	1
99372	1354.3	520	1362.8	54.51827	MAX POWER	90.3	1.3	2	1	0	1	1	0	1	1	1
99560	1357	521	1364.5	54.66496	MAX POWER	90.4	1.3	2	1	0	1	1	0	1	1	1
99762	1356.8	513	1367	54.90944	MAX POWER	90.4	1.3	2	1	0	1	1	0	1	1	1
99965	1353.5	523	1367	55.10502	MAX POWER	90.4	1.3	2	1	0	1	1	0	1	1	1
100168	1358.5	522	1368.3	55.2517	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
100355	1357.5	508	1367	55.44729	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
100574	1356.5	511	1367.3	55.59397	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
100761	1362.3	505	1368.8	55.83845	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
100964	1359	502	1366.5	56.03403	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
101166	1359	508	1369.5	56.18072	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
101369	1362.5	499	1370.5	56.42519	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
101603	1358.3	508	1370	56.66967	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
101822	1360	502	1370	56.76746	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
102009	1361.8	508	1372.3	56.96304	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
102212	1364.8	498	1373	57.15862	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
102399	1370.3	466	1378.5	57.45199	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
102617	1368	448	1376.5	57.64757	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
102805	1368.8	458	1376.8	57.74537	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
103007	1367.3	471	1376.3	57.94095	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
103210	1360.8	493	1373.5	58.18542	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
103413	1365.3	484	1373	58.28321	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
103600	1363	481	1372.3	58.4299	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
103819	1368.5	488	1374.5	58.67438	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
104021	1370	476	1375.3	58.91885	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
104209	1364.5	489	1373.8	59.01664	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
104411	1369.3	474	1377.5	59.16333	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
104614	1369.5	475	1376.8	59.35891	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
104817	1366	484	1376	59.55449	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
105004	1366.8	485	1375.5	59.70118	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
105269	1367.3	466	1374.8	59.89676	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
105457	1369.5	470	1377.5	60.09234	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
105659	1368.8	469	1376.8	60.28792	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
105862	1371.8	469	1377.3	60.43461	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
106065	1372	465	1378.3	60.58129	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
106252	1367.3	472	1378	60.77687	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
106471	1369.5	475	1377.8	60.92356	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
106658	1371	460	1378.5	61.11914	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
106861	1367.8	463	1378	61.26583	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
107063	1370.8	462	1380	61.41251	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
107266	1368.5	470	1379.3	61.6081	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
107453	1372	467	1379.5	61.75478	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
107656	1369.5	462	1379.5	61.85257	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
107859	1371.5	470	1380	61.99926	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
108062	1368.5	468	1379.3	62.14594	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
108265	1372.8	455	1380	62.34152	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
108467	1373.5	455	1381.3	62.53711	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
108670	1374.8	452	1381.5	62.68379	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
108904	1371.8	459	1380.5	62.83048	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
109123	1372.5	455	1380.8	62.97716	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
109310	1375.5	446	1382	63.22164	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
109513	1374	449	1382	63.31943	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
109715	1376.3	448	1381.8	63.46612	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
109918	1376.5	448	1382.5	63.71059	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
110105	1374.8	451	1382.8	63.80838	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
110308	1375.8	444	1382.5	63.95507	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
110511	1374.3	449	1382.5	64.10176	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
110714	1375	444	1382.5	64.24844	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
110901	1379.5	444	1384	64.39513	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
111119	1378	442	1384.3	64.49292	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
111307	1378	440	1383.5	64.6396	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
111509	1379.8	442	1383.3	64.83519	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
111712	1378	438	1382.8	64.93298	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
111915	1379	437	1383.3	65.07966	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
112102	1376.3	442	1384.8	65.22635	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
112305	1378	447	1384.3	65.37303	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
112570	1381.3	434	1385.5	65.51972	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
112757	1380.3	439	1385.8	65.61751	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
112960	1378.3	437	1386.3	65.7642	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
113163	1379.8	432	1386	65.91088	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
113366	1379.5	435	1386	66.05757	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
113553	1381.8	434	1385.3	66.15536	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
113771	1378.8	436	1385.5	66.39984	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
113959	1379.5	420	1387	66.49763	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
114161	1381.8	427	1386.5	66.59542	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
114364	1382.8	423	1387.3	66.791	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
114567	1379.8	430	1387.3	66.88879	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
114754	1381.3	433	1388	67.03548	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
114973	1383	422	1388	67.23106	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
115160	1381	434	1388.3	67.23106	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
115363	1385.8	425	1388.8	67.52443	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
115550	1382.8	426	1389.3	67.62222	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
115768	1385.3	419	1389	67.72001	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
115955	1383.5	416	1389.8	67.8178	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
116205	1385	423	1389	68.01338	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
116423	1384.5	412	1390	68.11117	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
116611	1383.8	417	1389	68.25786	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
116813	1386.5	415	1389.8	68.35565	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
117016	1383.8	423	1389.5	68.50233	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
117219	1386	421	1389.8	68.64902	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
117406	1385	422	1389	68.74681	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
117625	1383.8	413	1390	68.79571	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
117812	1385	418	1391	68.94239	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
118015	1385.8	415	1392	69.08908	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
118202	1387.5	411	1392.3	69.23576	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
118420	1385	418	1391.5	69.33355	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
118607	1384.5	414	1391.8	69.52914	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
118810	1385.8	410	1391.5	69.57803	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
119013	1386.8	416	1390.8	69.72472	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
119216	1387.5	414	1391.8	69.8714	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
119403	1386	414	1391	69.9203	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
119621	1385.8	410	1391.8	70.01809	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
119871	1386.5	409	1392.3	70.16478	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
120058	1385	413	1391.5	70.31146	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
120277	1388.3	403	1392.5	70.40925	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
120464	1387.5	414	1392.3	70.45815	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
120667	1388.3	405	1393.5	70.65373	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
120854	1389.3	413	1393.8	70.80041	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
121072	1390.5	404	1394.3	70.8982	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
121259	1386	409	1393.8	70.996	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
121462	1387.5	408	1395	71.09379	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
121665	1388.3	404	1394.5	71.24047	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
121868	1391.3	408	1395.3	71.38716	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
122055	1393.3	410	1397.5	71.43605	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
122273	1392	408	1396.5	71.58274	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
122461	1392.8	399	1397.3	71.68053	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
122663	1392.3	406	1398.3	71.77832	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
122851	1391.5	407	1398	71.87611	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
123069	1392.8	401	1398.3	72.0228	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
123256	1395.3	398	1397.3	72.16948	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
123506	1393.8	401	1399	72.26727	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
123724	1396	399	1399.8	72.41396	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
123911	1395.5	400	1399.3	72.46285	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
124114	1392	397	1398.8	72.56065	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
124317	1393.8	400	1400.3	72.70733	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
124520	1394.5	393	1399.3	72.80512	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
124707	1396.3	399	1400.8	72.95181	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
124925	1396.3	391	1400	73.09849	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
125113	1396.3	391	1400	73.19628	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
125315	1395.3	398	1399.8	73.34297	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
125503	1397	396	1400	73.44076	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
125721	1395.3	395	1400	73.53855	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
125908	1397	399	1401.3	73.63634	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
126111	1393	387	1399	73.73413	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
126314	1394.8	393	1400.5	73.78303	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
126517	1396.8	389	1403.3	73.97861	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
126704	1395.5	400	1400.5	73.92971	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
126922	1398.3	391	1401.5	74.1253	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
127156	1393	396	1401.8	74.27198	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
127359	1394.8	396	1401.8	74.27198	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
127562	1397.8	391	1402	74.46756	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
127765	1394.8	390	1401.3	74.51646	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
127967	1397	386	1400	74.80983	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
128170	1398.3	375	1402	74.95652	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
128373	1411	309	1411.8	74.85873	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
128560	1413.3	307	1413	75.05431	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
128763	1398.8	331	1406.3	75.05431	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
128966	1410.5	337	1411.3	75.24989	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
129169	1401.8	337	1408.5	75.34768	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
129356	1396	388	1399	75.44547	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
129574	1399.3	385	1403.8	75.44547	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
129761	1404	378	1406.8	75.64105	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
129964	1397.5	383	1402.8	75.68995	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
130167	1400.3	386	1405.8	75.78774	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
130370	1397.5	388	1402.3	75.93442	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
130557	1401	389	1403.5	75.98332	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
130822	1399.3	379	1403	76.08111	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
131009	1398.8	382	1405.5	76.22779	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
131212	1403.3	380	1406.3	76.27669	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
131399	1405	382	1406.8	76.32558	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
131618	1401.8	378	1404	76.47227	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
131821	1398.3	382	1403.3	76.57006	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
132008	1398.8	379	1402.5	76.57006	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
132226	1400	380	1404	76.71675	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
132413	1401.5	379	1404.8	76.81454	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
132616	1399.5	376	1405	76.86343	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
132819	1398.3	381	1404.5	77.01012	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
133022	1400.3	376	1404.8	77.01012	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
133209	1399.3	374	1405	77.1568	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
133412	1403	375	1406	77.2057	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
133615	1404.3	377	1408.8	77.30349	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
133818	1400	382	1404.3	77.40128	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
134005	1397.8	372	1400.8	77.45018	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
134223	1400	372	1404.8	77.54797	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
134457	1403	372	1405.5	77.69465	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
134660	1402.3	369	1406.3	77.79244	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
134863	1404.8	380	1406.3	77.84134	MAX POWER	90.5	1.3	2	1	0	1	1	0	1	1	1
135066	1401.8	371	1405.8	77.93913	MAX POWER	89.8	1.3	2	1	0	1	1	0	1	1	1
135253	1401.5	370	1405.8	77.93913	MAX POWER	89.1	1.3	2	1	0	1	1	0	1	1	1
135471	1405	374	1406.8	78.13471	MAX POWER	88.6	1.3	2	1	0	1	1	0	1	1	1
135658	1401.5	373	1406.3	78.18361	MAX POWER	88.3	1.3	2	1	0	1	1	0	1	1	1
135861	1403.3	371	1405	78.2814	MAX POWER	88.1	1.3	2	1	0	1	1	0	1	1	1
136064	1404.8	366	1408.3	78.42808		87.9	1.3	2	1	0	1	1	0	1	1	1
136267	1408	366	1410.3	78.42808		87.2	1.3	2	1	0	1	1	0	1	1	1
136470	1407.3	359	1412	78.52587		85	1.3	2	1	0	1	1	0	1	1	1
136657	1417.5	355	1418.8	78.62366		81.8	1.3	2	1	0	1	1	0	1	1	1
136875	1424.8	335	1427.3	78.62366		79.5	1.3	2	1	0	1	1	0	1	1	1
137062	1437.3	317	1437.5	78.72146		78	1.3	2	1	0	1	1	0	1	1	1
137265	1448.3	306	1447	78.81925		76.8	1.3	2	1	0	1	1	0	1	1	1
137468	1455.5	297	1453.8	78.91704		74.8	1.3	2	1	0	1	1	0	1	1	1
137671	1470.3	271	1467	78.91704		73.1	1.3	2	1	0	1	1	0	1	1	1
137905	1488.3	249	1485.3	78.91704		71.8	1.3	2	1	0	1	1	0	1	1	1
138123	1496.8	231	1496.3	78.86814		71.2	1.3	2	1	0	1	1	0	1	1	1
138310	1508	230	1505.5	78.91704		70.8	1.3	2	1	0	1	1	0	1	1	1
138513	1513.8	210	1511.5	78.91704		70.5	1.3	2	1	0	1	1	0	1	1	1
138716	1520	214	1518.3	79.01483		70.3	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
138919	1521.3	203	1520	79.01483		70.2	1.3	2	1	0	1	1	0	1	1	1
139106	1524	200	1522.3	79.06372		70.1	1.3	2	1	0	1	1	0	1	1	1
139309	1526	204	1524	79.11262		69.8	1.3	2	1	0	1	1	0	1	1	1
139512	1533.3	201	1528	79.11262		68.1	1.3	2	1	0	1	1	0	1	1	1
139714	1546.8	186	1541.5	79.16151		65.9	1.3	2	1	0	1	1	0	1	1	1
139902	1561.8	168	1555.8	79.16151		64.5	1.3	2	1	0	1	1	0	1	1	1
140120	1578.3	158	1569.5	79.21041		63.5	1.3	2	1	0	1	1	0	1	1	1
140307	1586.3	156	1580	79.21041		62.8	1.3	2	1	0	1	1	0	1	1	1
140510	1594	145	1586.5	79.16151		62.4	1.3	2	1	0	1	1	0	1	1	1
140728	1599.3	138	1592	79.16151		62.1	1.3	2	1	0	1	1	0	1	1	1
140916	1602.5	146	1595.3	79.16151		62	1.3	2	1	0	1	1	0	1	1	1
141118	1605.5	133	1597.8	79.21041		61.8	1.3	2	1	0	1	1	0	1	1	1
141306	1607	148	1600	79.16151		61.8	1.3	2	1	0	1	1	0	1	1	1
141571	1605.8	139	1600	79.11262		61.7	1.3	2	1	0	1	1	0	1	1	1
141758	1608.8	128	1601.5	79.06372		61.7	1.3	2	1	0	1	1	0	1	1	1
141961	1606.3	137	1600.3	79.01483		60.9	1.3	2	1	0	1	1	0	1	1	1
142164	1614.3	132	1607.8	78.96593		58.8	1.3	2	1	0	1	1	0	1	1	1
142366	1622.5	127	1614	79.01483		57.3	1.3	2	1	0	1	1	0	1	1	1
142554	1626	128	1620.3	78.91704	MIN POWER	56.4	1.3	2	1	0	1	1	0	1	1	1
142772	1632.3	124	1624.3	78.96593	MIN POWER	55.8	1.3	2	1	0	1	1	0	1	1	1
142959	1637.3	127	1627	78.96593	MIN POWER	55.4	1.3	2	1	0	1	1	0	1	1	1
143162	1635.5	130	1627.5	78.96593	MIN POWER	55.1	1.3	2	1	0	1	1	0	1	1	1
143365	1635.8	127	1627.8	78.96593	MIN POWER	54.9	1.3	2	1	0	1	1	0	1	1	1
143568	1635	130	1626.8	78.86814	MIN POWER	54.8	1.3	2	1	0	1	1	0	1	1	1
143755	1634.3	120	1626.3	78.81925	MIN POWER	54.7	1.3	2	1	0	1	1	0	1	1	1
143973	1633.3	119	1625.8	78.81925	MIN POWER	54.7	1.3	2	1	0	1	1	0	1	1	1
144160	1634	120	1625.3	78.77035	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
144363	1632.5	126	1624	78.72146	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
144550	1630.3	118	1622.5	78.67256	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
144769	1628	114	1620.5	78.57477	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
144972	1629.3	118	1620	78.52587	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
145206	1628.5	110	1620	78.52587	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
145424	1627.8	125	1617.8	78.47698	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
145611	1628.5	129	1617.5	78.57477	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
145814	1624.5	121	1614.3	78.47698	MIN POWER	54.6	1.3	2	1	0	1	1	0	1	1	1
146017	1624.8	118	1615.5	78.37919	MIN POWER	55.6	1.3	2	1	0	1	1	0	1	1	1
146220	1622.5	129	1614.3	78.42808		58.7	1.3	2	1	0	1	1	0	1	1	1
146407	1614.5	120	1608.5	78.47698		61.4	1.3	2	1	0	1	1	0	1	1	1
146625	1601.8	125	1595.8	78.37919		63.2	1.3	2	1	0	1	1	0	1	1	1
146812	1590.8	146	1584	78.42808		64.3	1.3	2	1	0	1	1	0	1	1	1
147015	1578.8	134	1573	78.37919		65.1	1.3	2	1	0	1	1	0	1	1	1
147202	1571	145	1565	78.37919		65.6	1.3	2	1	0	1	1	0	1	1	1
147421	1563	156	1558.3	78.37919		65.9	1.3	2	1	0	1	1	0	1	1	1
147608	1557.5	148	1551.3	78.2814		66.1	1.3	2	1	0	1	1	0	1	1	1
147811	1556.3	164	1550.8	78.33029		66.3	1.3	2	1	0	1	1	0	1	1	1
148014	1557	155	1550.3	78.2325		66.4	1.3	2	1	0	1	1	0	1	1	1
148216	1554.5	163	1550	78.2325		66.4	1.3	2	1	0	1	1	0	1	1	1
148404	1554.8	157	1548.8	78.18361		66.5	1.3	2	1	0	1	1	0	1	1	1
148622	1551.3	170	1547.8	78.18361		66.5	1.3	2	1	0	1	1	0	1	1	1
148872	1553.8	161	1548.3	78.18361		66.5	1.3	2	1	0	1	1	0	1	1	1
149059	1550	162	1544.5	78.13471		66.5	1.3	2	1	0	1	1	0	1	1	1
149277	1549.5	166	1546.5	78.08582		66.5	1.3	2	1	0	1	1	0	1	1	1
149464	1551.3	163	1546	78.08582		66.5	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
149667	1550.8	163	1546	78.13471		66.5	1.3	2	1	0	1	1	0	1	1	1
149854	1548.3	169	1542.3	78.18361		66.5	1.3	2	1	0	1	1	0	1	1	1
150073	1549.8	171	1546	78.03692		66.6	1.3	2	1	0	1	1	0	1	1	1
150260	1549	160	1546	78.13471		66.6	1.3	2	1	0	1	1	0	1	1	1
150463	1549	168	1545.3	78.18361		66.6	1.3	2	1	0	1	1	0	1	1	1
150666	1552.3	172	1546.8	78.18361		66.6	1.3	2	1	0	1	1	0	1	1	1
150868	1550.8	161	1545.3	78.2325		66.6	1.3	2	1	0	1	1	0	1	1	1
151056	1550.8	169	1545.8	78.2814		66.6	1.3	2	1	0	1	1	0	1	1	1
151274	1559	170	1550.5	78.2814		66.6	1.3	2	1	0	1	1	0	1	1	1
151461	1551.5	169	1548.3	78.2325		66.6	1.3	2	1	0	1	1	0	1	1	1
151664	1551.3	177	1545.3	78.33029		66.6	1.3	2	1	0	1	1	0	1	1	1
151867	1550.8	165	1543.8	78.37919		66.6	1.3	2	1	0	1	1	0	1	1	1
152070	1548	160	1542.5	78.42808		66.6	1.3	2	1	0	1	1	0	1	1	1
152257	1550	167	1544	78.37919		66.7	1.3	2	1	0	1	1	0	1	1	1
152506	1545.8	166	1541.3	78.37919		67.2	1.3	2	1	0	1	1	0	1	1	1
152725	1534	166	1537	78.33029		67.5	1.3	2	1	0	1	1	0	1	1	1
152912	1539.8	181	1535	78.37919		67.8	1.3	2	1	0	1	1	0	1	1	1
153115	1539	176	1534.3	78.33029		67.9	1.3	2	1	0	1	1	0	1	1	1
153318	1536.3	172	1532.3	78.42808		68	1.3	2	1	0	1	1	0	1	1	1
153520	1532.5	173	1529.8	78.42808		68.1	1.3	2	1	0	1	1	0	1	1	1
153708	1535.5	174	1528.8	78.42808		68.1	1.3	2	1	0	1	1	0	1	1	1
153926	1531.8	177	1529.5	78.37919		68.1	1.3	2	1	0	1	1	0	1	1	1
154113	1534	174	1529.5	78.47698		68.2	1.3	2	1	0	1	1	0	1	1	1
154316	1528.5	174	1525.5	78.42808		68.2	1.3	2	1	0	1	1	0	1	1	1
154519	1531.8	179	1527.3	78.37919		68.2	1.3	2	1	0	1	1	0	1	1	1
154722	1535.8	170	1532.3	78.37919		68.2	1.3	2	1	0	1	1	0	1	1	1
154909	1535	177	1532.3	78.37919		68.2	1.3	2	1	0	1	1	0	1	1	1
155112	1533.3	180	1529.5	78.47698		68.2	1.3	2	1	0	1	1	0	1	1	1
155314	1535	180	1531	78.57477		68.2	1.3	2	1	0	1	1	0	1	1	1
155517	1531.8	173	1526.8	78.57477		68.2	1.3	2	1	0	1	1	0	1	1	1
155704	1532.3	179	1527.3	78.52587		68.2	1.3	2	1	0	1	1	0	1	1	1
155923	1533	185	1528	78.57477		68.2	1.3	2	1	0	1	1	0	1	1	1
156157	1531.5	175	1526.3	78.52587		68.2	1.3	2	1	0	1	1	0	1	1	1
156360	1528.5	186	1525	78.52587		68.2	1.3	2	1	0	1	1	0	1	1	1
156578	1528.8	179	1525.3	78.47698		68.2	1.3	2	1	0	1	1	0	1	1	1
156765	1526.3	176	1522	78.52587		68.2	1.3	2	1	0	1	1	0	1	1	1
156968	1523.5	187	1520.8	78.57477		68.2	1.3	2	1	0	1	1	0	1	1	1
157171	1523.5	180	1519.8	78.57477		68.2	1.3	2	1	0	1	1	0	1	1	1
157374	1524.8	186	1520.3	78.57477		68.2	1.3	2	1	0	1	1	0	1	1	1
157561	1526.3	178	1520.8	78.67256		68.2	1.3	2	1	0	1	1	0	1	1	1
157764	1523.5	184	1519.8	78.62366		68.2	1.3	2	1	0	1	1	0	1	1	1
157966	1525.3	178	1521.3	78.62366		68.2	1.3	2	1	0	1	1	0	1	1	1
158169	1522.8	183	1520	78.62366		68.2	1.3	2	1	0	1	1	0	1	1	1
158356	1526	177	1521.8	78.72146		68.2	1.3	2	1	0	1	1	0	1	1	1
158575	1526.3	181	1521.3	78.72146		68.2	1.3	2	1	0	1	1	0	1	1	1
158762	1527	149	1526.3	78.72146		67.8	1.3	2	1	0	1	1	0	1	1	1
158965	1547.5	135	1544	78.67256		67.1	1.3	2	1	0	1	1	0	1	1	1
159168	1546	127	1540	78.62366		66.6	1.3	2	1	0	1	1	0	1	1	1
159370	1548.8	145	1542.5	78.72146		66.2	1.3	2	1	0	1	1	0	1	1	1
159558	1550	137	1544	78.72146		66	1.3	2	1	0	1	1	0	1	1	1
159823	1556.3	133	1548	78.77035		65.8	1.3	2	1	0	1	1	0	1	1	1
160010	1554.5	142	1549.3	78.72146		65.7	1.3	2	1	0	1	1	0	1	1	1
160213	1554.5	138	1549.5	78.77035		65.7	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
160416	1567.3	139	1559.5	78.77035		65.6	1.3	2	1	0	1	1	0	1	1	1
160618	1553	138	1550.3	78.81925		65.6	1.3	2	1	0	1	1	0	1	1	1
160821	1557.5	146	1551	78.77035		65.6	1.3	2	1	0	1	1	0	1	1	1
161008	1561	142	1551.5	78.81925		65.6	1.3	2	1	0	1	1	0	1	1	1
161227	1554.8	143	1549.8	78.72146		65.6	1.3	2	1	0	1	1	0	1	1	1
161414	1546.5	150	1544.5	78.72146		65.6	1.3	2	1	0	1	1	0	1	1	1
161617	1556	166	1552	78.77035		65.6	1.3	2	1	0	1	1	0	1	1	1
161820	1548	163	1543.5	78.91704		65.6	1.3	2	1	0	1	1	0	1	1	1
162022	1551.3	173	1544.3	78.81925		65.6	1.3	2	1	0	1	1	0	1	1	1
162210	1548.8	162	1545	78.86814		65.6	1.3	2	1	0	1	1	0	1	1	1
162412	1550.8	159	1546	78.91704		65.6	1.3	2	1	0	1	1	0	1	1	1
162615	1551.3	152	1547.3	78.96593		65.6	1.3	2	1	0	1	1	0	1	1	1
162818	1555.5	150	1550.3	78.96593		65.6	1.3	2	1	0	1	1	0	1	1	1
163005	1559.3	156	1552	78.91704		65.6	1.3	2	1	0	1	1	0	1	1	1
163224	1579.8	120	1569.5	78.91704		65.6	1.3	2	1	0	1	1	0	1	1	1
163458	1575	132	1566.8	78.81925		65.6	1.3	2	1	0	1	1	0	1	1	1
163660	1576	126	1565.5	79.16151		65.6	1.3	2	1	0	1	1	0	1	1	1
163863	1568.5	129	1563	78.91704		65.6	1.3	2	1	0	1	1	0	1	1	1
164066	1570.3	131	1562.3	78.91704		65.7	1.3	2	1	0	1	1	0	1	1	1
164253	1567.3	136	1561.5	78.96593		65.9	1.3	2	1	0	1	1	0	1	1	1
164472	1565.5	137	1561.3	78.91704		66	1.3	2	1	0	1	1	0	1	1	1
164675	1568	138	1563.8	78.96593		66.1	1.3	2	1	0	1	1	0	1	1	1
164862	1559.8	128	1554.3	79.01483		66.2	1.3	2	1	0	1	1	0	1	1	1
165065	1563.8	142	1556	79.06372		66.2	1.3	2	1	0	1	1	0	1	1	1
165267	1562.3	133	1553.3	79.06372		66.2	1.3	2	1	0	1	1	0	1	1	1
165470	1553.5	143	1548.3	79.06372		66.3	1.3	2	1	0	1	1	0	1	1	1
165657	1550.8	151	1547.3	79.06372		66.2	1.3	2	1	0	1	1	0	1	1	1
165876	1566.3	161	1557.8	79.11262		66.1	1.3	2	1	0	1	1	0	1	1	1
166063	1561	150	1555.5	79.16151		66	1.3	2	1	0	1	1	0	1	1	1
166266	1555.3	163	1546.5	79.21041		65.8	1.3	2	1	0	1	1	0	1	1	1
166469	1552.8	156	1547	79.11262		65.6	1.3	2	1	0	1	1	0	1	1	1
166671	1552	151	1547.8	79.21041		65.4	1.3	2	1	0	1	1	0	1	1	1
166859	1556	164	1549.3	79.21041		65.5	1.3	2	1	0	1	1	0	1	1	1
167124	1557	156	1550	79.21041		65.6	1.3	2	1	0	1	1	0	1	1	1
167311	1553	160	1549.5	79.11262		65.7	1.3	2	1	0	1	1	0	1	1	1
167514	1552.8	162	1549.8	79.16151		65.8	1.3	2	1	0	1	1	0	1	1	1
167717	1554.8	162	1549.3	79.16151		65.8	1.3	2	1	0	1	1	0	1	1	1
167919	1553.8	168	1548.8	79.2593		65.8	1.3	2	1	0	1	1	0	1	1	1
168107	1554.8	172	1550	79.3082		65.8	1.3	2	1	0	1	1	0	1	1	1
168309	1555.5	171	1548	79.3082		65.8	1.3	2	1	0	1	1	0	1	1	1
168512	1551.5	168	1548	79.3082		65.9	1.3	2	1	0	1	1	0	1	1	1
168715	1553	166	1546.3	79.35709		65.9	1.3	2	1	0	1	1	0	1	1	1
168918	1553.8	165	1547	79.3082		65.9	1.3	2	1	0	1	1	0	1	1	1
169121	1551.5	161	1547.5	79.3082		65.9	1.3	2	1	0	1	1	0	1	1	1
169323	1550.8	162	1547.8	79.21041		65.9	1.3	2	1	0	1	1	0	1	1	1
169511	1547.3	169	1548.3	79.2593		65.9	1.3	2	1	0	1	1	0	1	1	1
169729	1554.8	145	1550.5	79.40599		65.9	1.3	2	1	0	1	1	0	1	1	1
169916	1554.8	147	1552.5	79.21041		65.9	1.3	2	1	0	1	1	0	1	1	1
170119	1557	169	1547.8	79.21041		65.9	1.3	2	1	0	1	1	0	1	1	1
170306	1553.8	158	1545.5	79.21041		65.9	1.3	2	1	0	1	1	0	1	1	1
170525	1552	151	1547.8	79.35709		65.9	1.3	2	1	0	1	1	0	1	1	1
170759	1553.8	156	1546.5	79.40599		65.9	1.3	2	1	0	1	1	0	1	1	1
170961	1554.3	154	1548.3	79.45488		65.9	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
171164	1555.3	167	1549.8	79.3082		65.9	1.3	2	1	0	1	1	0	1	1	1
171367	1553.5	155	1544.8	79.40599		65.9	1.3	2	1	0	1	1	0	1	1	1
171554	1547.5	158	1544.3	79.35709		65.9	1.3	2	1	0	1	1	0	1	1	1
171773	1545.3	164	1540.3	79.3082		65.9	1.3	2	1	0	1	1	0	1	1	1
171960	1552.8	166	1546.8	79.35709		65.9	1.3	2	1	0	1	1	0	1	1	1
172163	1545.3	157	1541.8	79.35709		65.9	1.3	2	1	0	1	1	0	1	1	1
172365	1554.8	160	1548.8	79.40599		65.9	1.3	2	1	0	1	1	0	1	1	1
172568	1549.5	162	1546	79.45488		65.9	1.3	2	1	0	1	1	0	1	1	1
172755	1547.5	155	1542.5	79.50378		65.9	1.3	2	1	0	1	1	0	1	1	1
172958	1548	166	1541.5	79.45488		65.9	1.3	2	1	0	1	1	0	1	1	1
173177	1546	157	1540.8	79.45488		65.9	1.3	2	1	0	1	1	0	1	1	1
173364	1547.5	163	1541.3	79.50378		65.9	1.3	2	1	0	1	1	0	1	1	1
173567	1544.5	156	1541	79.55268		65.9	1.3	2	1	0	1	1	0	1	1	1
173769	1544	168	1537.8	79.45488		65.9	1.3	2	1	0	1	1	0	1	1	1
173972	1545.3	154	1539.5	79.55268		65.9	1.3	2	1	0	1	1	0	1	1	1
174159	1541.8	162	1538	79.50378		65.9	1.3	2	1	0	1	1	0	1	1	1
174425	1543.5	156	1540.3	79.55268		65.9	1.3	2	1	0	1	1	0	1	1	1
174612	1546.8	154	1541.3	79.50378		65.9	1.3	2	1	0	1	1	0	1	1	1
174815	1546.5	167	1541	79.50378		65.9	1.3	2	1	0	1	1	0	1	1	1
175017	1546.8	156	1541.5	79.55268		65.9	1.3	2	1	0	1	1	0	1	1	1
175220	1546	160	1540.8	79.45488		65.9	1.3	2	1	0	1	1	0	1	1	1
175407	1545	170	1540.5	79.50378		65.9	1.3	2	1	0	1	1	0	1	1	1
175610	1545.8	157	1540.8	79.55268		65.9	1.3	2	1	0	1	1	0	1	1	1
175813	1545.8	158	1539.8	79.55268		65.9	1.3	2	1	0	1	1	0	1	1	1
176016	1545.3	168	1541	79.50378		65.9	1.3	2	1	0	1	1	0	1	1	1
176203	1544.5	173	1540.8	79.60157		65.9	1.3	2	1	0	1	1	0	1	1	1
176421	1546.5	161	1540.8	79.65047		65.9	1.3	2	1	0	1	1	0	1	1	1
176609	1545.3	157	1539.5	79.69936		65.9	1.3	2	1	0	1	1	0	1	1	1
176811	1546.5	156	1540	79.69936		65.9	1.3	2	1	0	1	1	0	1	1	1
177014	1545.3	150	1538.5	79.69936		65.9	1.3	2	1	0	1	1	0	1	1	1
177217	1543.5	156	1538	79.65047		65.9	1.3	2	1	0	1	1	0	1	1	1
177420	1544.3	158	1538.5	79.65047		65.9	1.3	2	1	0	1	1	0	1	1	1
177623	1542.8	157	1537.5	79.65047		65.9	1.3	2	1	0	1	1	0	1	1	1
177825	1544.5	162	1538.5	79.69936		65.9	1.3	2	1	0	1	1	0	1	1	1
178059	1541.3	165	1538.3	79.60157		65.9	1.3	2	1	0	1	1	0	1	1	1
178278	1543.5	164	1537.3	79.69936		65.9	1.3	2	1	0	1	1	0	1	1	1
178465	1545.8	162	1537.8	79.74826		65.9	1.3	2	1	0	1	1	0	1	1	1
178668	1544	158	1538.5	79.69936		65.9	1.3	2	1	0	1	1	0	1	1	1
178855	1545.8	157	1537.8	79.79715		65.9	1.3	2	1	0	1	1	0	1	1	1
179073	1546	161	1539.3	79.69936		65.9	1.3	2	1	0	1	1	0	1	1	1
179261	1544.5	162	1538.5	79.74826		65.9	1.3	2	1	0	1	1	0	1	1	1
179463	1542	164	1537.5	79.79715		65.9	1.3	2	1	0	1	1	0	1	1	1
179666	1541.8	158	1537	79.79715		65.9	1.3	2	1	0	1	1	0	1	1	1
179869	1546	159	1538.5	79.79715		65.9	1.3	2	1	0	1	1	0	1	1	1
180056	1543.5	168	1538.5	79.84605		65.9	1.3	2	1	0	1	1	0	1	1	1
180275	1544.5	157	1538.5	79.79715		65.9	1.3	2	1	0	1	1	0	1	1	1
180462	1544	166	1538.3	79.84605		65.9	1.3	2	1	0	1	1	0	1	1	1
180665	1542.8	159	1539.3	79.84605		65.9	1.3	2	1	0	1	1	0	1	1	1
180852	1540.3	155	1537	79.79715		65.9	1.3	2	1	0	1	1	0	1	1	1
181070	1545	165	1539.5	79.89494		65.9	1.3	2	1	0	1	1	0	1	1	1
181257	1542	153	1536.3	79.84605		65.9	1.3	2	1	0	1	1	0	1	1	1
181460	1553	163	1538	79.79715		65.9	1.3	2	1	0	1	1	0	1	1	1
181725	1552	133	1543	79.89494		65.9	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
181913	1551.5	129	1543.8	79.89494		65.9	1.3	2	1	0	1	1	0	1	1	1
182115	1552.3	139	1543.3	79.89494		65.9	1.3	2	1	0	1	1	0	1	1	1
182318	1549.5	135	1541.8	79.84605		65.9	1.3	2	1	0	1	1	0	1	1	1
182521	1547.5	138	1540.3	79.89494		65.9	1.3	2	1	0	1	1	0	1	1	1
182708	1546.5	150	1539.5	79.89494		65.9	1.3	2	1	0	1	1	0	1	1	1
182927	1548.8	143	1541	79.89494		65.9	1.3	2	1	0	1	1	0	1	1	1
183114	1545	153	1540.3	79.89494		65.9	1.3	2	1	0	1	1	0	1	1	1
183317	1548	159	1538.3	79.99273		65.9	1.3	2	1	0	1	1	0	1	1	1
183504	1541	160	1537.3	79.89494		65.9	1.3	2	1	0	1	1	0	1	1	1
183722	1542.5	170	1535.8	79.79715		65.9	1.3	2	1	0	1	1	0	1	1	1
183909	1543.5	154	1537.8	79.84605		65.9	1.3	2	1	0	1	1	0	1	1	1
184112	1542.8	160	1537	79.99273		65.9	1.3	2	1	0	1	1	0	1	1	1
184315	1547.3	158	1538.8	80.04163		65.9	1.3	2	1	0	1	1	0	1	1	1
184518	1540.5	154	1536	79.89494		65.9	1.3	2	1	0	1	1	0	1	1	1
184705	1543.5	163	1538.3	79.99273		65.9	1.3	2	1	0	1	1	0	1	1	1
184923	1545.3	153	1537.5	79.99273		65.9	1.3	2	1	0	1	1	0	1	1	1
185173	1545.8	161	1537.5	80.04163		65.9	1.3	2	1	0	1	1	0	1	1	1
185360	1544	155	1537.5	80.04163		65.9	1.3	2	1	0	1	1	0	1	1	1
185579	1545.8	164	1538.3	80.13942		65.9	1.3	2	1	0	1	1	0	1	1	1
185766	1543.3	167	1536.3	79.94384		65.9	1.3	2	1	0	1	1	0	1	1	1
185969	1547.5	168	1540	80.04163		65.9	1.3	2	1	0	1	1	0	1	1	1
186156	1543.5	160	1539.5	80.04163		65.7	1.3	2	1	0	1	1	0	1	1	1
186374	1545.8	156	1538.5	80.04163		65.1	1.3	2	1	0	1	1	0	1	1	1
186561	1548.8	154	1542	80.04163		64.5	1.3	2	1	0	1	1	0	1	1	1
186764	1552.8	146	1545.3	80.13942		64.1	1.3	2	1	0	1	1	0	1	1	1
186967	1557.5	145	1547.5	80.13942		63.9	1.3	2	1	0	1	1	0	1	1	1
187170	1557	150	1548.3	80.04163		63.7	1.3	2	1	0	1	1	0	1	1	1
187357	1556.8	150	1548.8	80.04163		63.6	1.3	2	1	0	1	1	0	1	1	1
187575	1558.3	150	1552.5	80.04163		63.6	1.3	2	1	0	1	1	0	1	1	1
187763	1563	153	1554	79.99273		63.5	1.3	2	1	0	1	1	0	1	1	1
187965	1560.3	137	1553.5	79.99273		63.5	1.3	2	1	0	1	1	0	1	1	1
188168	1562.5	137	1554.5	80.04163		63.5	1.3	2	1	0	1	1	0	1	1	1
188371	1561.8	141	1553.3	80.04163		63.5	1.3	2	1	0	1	1	0	1	1	1
188558	1562.5	154	1554.5	79.99273		63.4	1.3	2	1	0	1	1	0	1	1	1
188823	1559.3	149	1553.5	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
189026	1561.5	146	1554.8	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
189213	1562.5	142	1554.5	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
189416	1563.3	139	1554.8	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
189619	1562.5	141	1554.5	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
189822	1564.5	144	1557	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
190009	1563.3	148	1556.5	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
190227	1564	152	1556	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
190415	1561.8	138	1554.8	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
190617	1562.5	139	1555.3	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
190820	1561.8	142	1555.5	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
191023	1561	143	1556.3	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
191210	1561.5	147	1555.8	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
191413	1561	151	1555.3	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
191616	1562.3	150	1555.5	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
191819	1563	144	1555.5	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
192006	1562.3	143	1555.8	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
192224	1563.8	140	1556	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
192458	1564.8	144	1556	80.13942		63.4	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
192661	1563.3	143	1556.3	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
192879	1563.8	134	1555	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
193067	1563.8	139	1555.3	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
193269	1562.3	139	1554.5	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
193472	1563	141	1557.3	80.13942		63.4	1.3	2	1	0	1	1	0	1	1	1
193675	1562.3	148	1557	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
193862	1563	154	1556.5	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
194065	1561.8	147	1555.5	80.13942		63.4	1.3	2	1	0	1	1	0	1	1	1
194268	1561.5	151	1556.5	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
194471	1564	147	1556.5	80.13942		63.4	1.3	2	1	0	1	1	0	1	1	1
194658	1562.5	139	1555.3	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
194876	1564.8	141	1557	80.13942		63.4	1.3	2	1	0	1	1	0	1	1	1
195063	1562.3	133	1555.3	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
195266	1561.8	139	1555	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
195469	1561.8	144	1555	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
195672	1561	140	1556	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
195859	1563.3	149	1557.3	80.13942		63.4	1.3	2	1	0	1	1	0	1	1	1
196124	1563	148	1555.8	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
196312	1563.3	150	1557.5	79.99273		63.4	1.3	2	1	0	1	1	0	1	1	1
196514	1562.5	148	1556.5	79.94384		63.4	1.3	2	1	0	1	1	0	1	1	1
196717	1563.8	138	1556.8	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
196920	1562.5	139	1556	79.99273		63.4	1.3	2	1	0	1	1	0	1	1	1
197123	1562.5	144	1557	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
197310	1565.3	149	1558.5	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
197528	1565.5	139	1557.3	80.09052		63.4	1.3	2	1	0	1	1	0	1	1	1
197716	1564.5	138	1557	79.99273		63.4	1.3	2	1	0	1	1	0	1	1	1
197918	1563	149	1558.3	79.89494		63.4	1.3	2	1	0	1	1	0	1	1	1
198121	1562.3	150	1556.8	79.99273		63.4	1.3	2	1	0	1	1	0	1	1	1
198324	1568	132	1560	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
198511	1561.5	145	1557.8	79.94384		63.4	1.3	2	1	0	1	1	0	1	1	1
198730	1567.3	138	1557.8	80.04163		63.4	1.3	2	1	0	1	1	0	1	1	1
198917	1566.5	142	1557.5	79.99273		63.4	1.3	2	1	0	1	1	0	1	1	1
199120	1565.3	140	1557.8	79.84605		63.4	1.3	2	1	0	1	1	0	1	1	1
199307	1565.5	148	1558	79.89494		63.4	1.3	2	1	0	1	1	0	1	1	1
199525	1564.8	136	1558.5	79.89494		63.4	1.3	2	1	0	1	1	0	1	1	1
199759	1566.3	144	1559.5	79.84605		63.4	1.3	2	1	0	1	1	0	1	1	1
199962	1565.5	145	1560	79.89494		63.4	1.3	2	1	0	1	1	0	1	1	1
200165	1568.8	147	1559.3	79.94384		63.4	1.3	2	1	0	1	1	0	1	1	1
200368	1564.5	142	1559	79.84605		63.4	1.3	2	1	0	1	1	0	1	1	1
200555	1565.5	147	1559.8	79.84605		63.4	1.3	2	1	0	1	1	0	1	1	1
200773	1567	146	1559.3	79.84605		63.4	1.3	2	1	0	1	1	0	1	1	1
200960	1565.8	141	1558.3	79.84605		63.4	1.3	2	1	0	1	1	0	1	1	1
201163	1569.3	139	1562.5	79.84605		63.4	1.3	2	1	0	1	1	0	1	1	1
201366	1565.3	149	1558.8	79.79715		63.4	1.3	2	1	0	1	1	0	1	1	1
201569	1564.5	145	1558.3	79.84605		63.4	1.3	2	1	0	1	1	0	1	1	1
201772	1566.3	148	1561	79.74826		63.4	1.3	2	1	0	1	1	0	1	1	1
201959	1567	140	1560.5	79.69936		63.4	1.3	2	1	0	1	1	0	1	1	1
202177	1567	142	1559.8	79.69936		63.4	1.3	2	1	0	1	1	0	1	1	1
202364	1566.3	144	1562	79.65047		63.4	1.3	2	1	0	1	1	0	1	1	1
202567	1574.8	153	1564.5	79.65047		63.4	1.3	2	1	0	1	1	0	1	1	1
202770	1569.3	146	1559.5	79.69936		63.4	1.3	2	1	0	1	1	0	1	1	1
202973	1565.5	139	1559.3	79.60157		63.4	1.3	2	1	0	1	1	0	1	1	1
203160	1566.5	139	1560	79.55268		63.4	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
203425	1567	148	1561.3	79.60157		63.4	1.3	2	1	0	1	1	0	1	1	1
203612	1566.3	140	1560.3	79.60157		63.4	1.3	2	1	0	1	1	0	1	1	1
203815	1567	144	1560.3	79.55268		63.4	1.3	2	1	0	1	1	0	1	1	1
204018	1567.8	149	1561	79.55268		63.4	1.3	2	1	0	1	1	0	1	1	1
204221	1565.5	136	1559.3	79.55268		63.4	1.3	2	1	0	1	1	0	1	1	1
204408	1564.8	152	1560.8	79.45488		63.4	1.3	2	1	0	1	1	0	1	1	1
204626	1568.5	137	1561.8	79.55268		63.4	1.3	2	1	0	1	1	0	1	1	1
204814	1568	150	1562	79.45488		63.4	1.3	2	1	0	1	1	0	1	1	1
205016	1565.8	139	1561.3	79.35709		63.4	1.3	2	1	0	1	1	0	1	1	1
205204	1565.3	135	1561	79.3082		63.4	1.3	2	1	0	1	1	0	1	1	1
205422	1565.5	150	1561	79.3082		63.4	1.3	2	1	0	1	1	0	1	1	1
205625	1565.5	152	1561.3	79.3082		63.4	1.3	2	1	0	1	1	0	1	1	1
205812	1567	145	1561.3	79.3082		63.4	1.3	2	1	0	1	1	0	1	1	1
206030	1569.3	142	1563	79.3082		63.4	1.3	2	1	0	1	1	0	1	1	1
206218	1569.3	138	1563	79.40599		63.4	1.3	2	1	0	1	1	0	1	1	1
206420	1570.3	136	1563	79.3082		63.4	1.3	2	1	0	1	1	0	1	1	1
206623	1569.5	139	1563	79.3082		63.4	1.3	2	1	0	1	1	0	1	1	1
206826	1570.3	149	1563	79.21041		63.4	1.3	2	1	0	1	1	0	1	1	1
207060	1570	138	1563.5	79.21041		63.4	1.3	2	1	0	1	1	0	1	1	1
207278	1571	141	1563	79.21041		63.4	1.3	2	1	0	1	1	0	1	1	1
207466	1569.3	150	1563.5	79.16151		63.4	1.3	2	1	0	1	1	0	1	1	1
207668	1571	139	1563.5	79.11262		63.4	1.3	2	1	0	1	1	0	1	1	1
207856	1570	148	1563	79.16151		63.4	1.3	2	1	0	1	1	0	1	1	1
208074	1568.5	138	1563.5	79.11262		63.4	1.3	2	1	0	1	1	0	1	1	1
208261	1569.5	149	1563.3	79.01483		63.4	1.3	2	1	0	1	1	0	1	1	1
208464	1572	141	1564	79.06372		63.4	1.3	2	1	0	1	1	0	1	1	1
208667	1570.3	141	1564.3	79.01483		63.4	1.3	2	1	0	1	1	0	1	1	1
208870	1571	146	1565.5	79.06372		63.4	1.3	2	1	0	1	1	0	1	1	1
209057	1570.3	149	1564.3	78.91704		63.4	1.3	2	1	0	1	1	0	1	1	1
209275	1568.8	140	1565.3	78.86814		63.4	1.3	2	1	0	1	1	0	1	1	1
209462	1571	141	1564.8	78.86814		63.4	1.3	2	1	0	1	1	0	1	1	1
209665	1566.3	140	1563.5	78.81925		63.4	1.3	2	1	0	1	1	0	1	1	1
209852	1571.3	137	1567	78.81925		63.4	1.3	2	1	0	1	1	0	1	1	1
210071	1570.5	140	1566.8	78.86814		63.4	1.3	2	1	0	1	1	0	1	1	1
210274	1571	133	1565.3	78.77035		63.4	1.3	2	1	0	1	1	0	1	1	1
210461	1572	139	1564.5	78.81925		63.4	1.3	2	1	0	1	1	0	1	1	1
210726	1569.3	136	1564.3	78.81925		63.4	1.3	2	1	0	1	1	0	1	1	1
210913	1570.5	153	1564.5	78.62366		63.4	1.3	2	1	0	1	1	0	1	1	1
211116	1571	142	1565.3	78.72146		63.4	1.3	2	1	0	1	1	0	1	1	1
211319	1571.3	146	1564.5	78.72146		63.4	1.3	2	1	0	1	1	0	1	1	1
211522	1570.5	138	1564.5	78.67256		63.5	1.3	2	1	0	1	1	0	1	1	1
211709	1574	155	1566	78.67256		63.6	1.3	2	1	0	1	1	0	1	1	1
211927	1570.5	143	1564.5	78.62366		64	1.3	2	1	0	1	1	0	1	1	1
212114	1569.5	144	1563.8	78.57477		64.4	1.3	2	1	0	1	1	0	1	1	1
212317	1569.5	145	1561.3	78.57477		64.6	1.3	2	1	0	1	1	0	1	1	1
212520	1565.8	149	1560.5	78.52587		64.8	1.3	2	1	0	1	1	0	1	1	1
212723	1567	158	1559.3	78.52587		64.9	1.3	2	1	0	1	1	0	1	1	1
212910	1567.3	157	1559	78.37919		65	1.3	2	1	0	1	1	0	1	1	1
213113	1568.8	147	1559	78.57477		65	1.3	2	1	0	1	1	0	1	1	1
213316	1567	149	1559.5	78.42808		65.1	1.3	2	1	0	1	1	0	1	1	1
213518	1565.8	154	1559.8	78.37919		65.1	1.3	2	1	0	1	1	0	1	1	1
213706	1565.8	159	1559.3	78.37919		65.1	1.3	2	1	0	1	1	0	1	1	1
213924	1565.5	159	1560.3	78.33029		65.1	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
214111	1567.3	153	1560	78.37919		65.1	1.3	2	1	0	1	1	0	1	1	1
214361	1566.3	160	1559.8	78.2325		65.1	1.3	2	1	0	1	1	0	1	1	1
214579	1564.5	154	1559	78.37919		65.1	1.3	2	1	0	1	1	0	1	1	1
214766	1567.8	156	1560.8	78.2325		65.1	1.3	2	1	0	1	1	0	1	1	1
214969	1568.8	135	1562.3	78.2325		65.1	1.3	2	1	0	1	1	0	1	1	1
215172	1571.8	156	1562.3	78.2325		65.1	1.3	2	1	0	1	1	0	1	1	1
215375	1567	162	1561.5	78.03692		65.1	1.3	2	1	0	1	1	0	1	1	1
215562	1568.5	158	1561.5	78.18361		65.1	1.3	2	1	0	1	1	0	1	1	1
215765	1568	163	1561.8	78.08582		65.1	1.3	2	1	0	1	1	0	1	1	1
215968	1566.5	154	1560.5	77.93913		65.1	1.3	2	1	0	1	1	0	1	1	1
216170	1569.5	149	1560.8	77.93913		65.1	1.3	2	1	0	1	1	0	1	1	1
216358	1572.5	163	1563.3	77.93913		65.1	1.3	2	1	0	1	1	0	1	1	1
216576	1569.5	168	1561.5	77.93913		65.1	1.3	2	1	0	1	1	0	1	1	1
216763	1568	151	1561.8	77.89023		65.1	1.3	2	1	0	1	1	0	1	1	1
216966	1568.8	158	1562.8	77.89023		65.1	1.3	2	1	0	1	1	0	1	1	1
217169	1569.5	151	1562.3	77.93913		65.1	1.3	2	1	0	1	1	0	1	1	1
217372	1568	159	1560.8	77.79244		65.1	1.3	2	1	0	1	1	0	1	1	1
217559	1568	152	1562.3	77.84134		65.1	1.3	2	1	0	1	1	0	1	1	1
217762	1568.5	167	1562.3	77.79244		65.1	1.3	2	1	0	1	1	0	1	1	1
218027	1572.8	159	1563	77.84134		65.1	1.3	2	1	0	1	1	0	1	1	1
218214	1568.5	158	1562	77.89023		65.1	1.3	2	1	0	1	1	0	1	1	1
218417	1571	160	1563.8	77.79244		65.1	1.3	2	1	0	1	1	0	1	1	1
218620	1570.3	151	1561.3	77.74355		65.1	1.3	2	1	0	1	1	0	1	1	1
218822	1568.5	151	1561.8	77.69465		65.1	1.3	2	1	0	1	1	0	1	1	1
219010	1568.5	157	1562.8	77.69465		65.1	1.3	2	1	0	1	1	0	1	1	1
219228	1572	160	1563.3	77.74355		65.1	1.3	2	1	0	1	1	0	1	1	1
219415	1572	160	1563	77.74355		65.3	1.3	2	1	0	1	1	0	1	1	1
219618	1568.8	165	1561.3	77.69465		65.4	1.3	2	1	0	1	1	0	1	1	1
219821	1568.5	164	1561.5	77.59686		65.4	1.3	2	1	0	1	1	0	1	1	1
220024	1566.5	162	1561.3	77.64576		65.5	1.3	2	1	0	1	1	0	1	1	1
220211	1567.8	158	1561.3	77.64576		65.5	1.3	2	1	0	1	1	0	1	1	1
220429	1566.3	153	1561	77.59686		65.5	1.3	2	1	0	1	1	0	1	1	1
220616	1568	154	1561	77.59686		65.6	1.3	2	1	0	1	1	0	1	1	1
220819	1567.3	164	1561	77.59686		66.4	1.3	2	1	0	1	1	0	1	1	1
221006	1564	166	1558.5	77.59686		67.5	1.3	2	1	0	1	1	0	1	1	1
221225	1561	175	1555.5	77.64576		68.2	1.3	2	1	0	1	1	0	1	1	1
221412	1559.3	185	1553.5	77.59686		68.7	1.3	2	1	0	1	1	0	1	1	1
221662	1553.8	182	1551	77.49907		69	1.3	2	1	0	1	1	0	1	1	1
221880	1550.8	183	1548.5	77.59686		69.2	1.3	2	1	0	1	1	0	1	1	1
222067	1551.5	187	1548.3	77.54797		69.3	1.3	2	1	0	1	1	0	1	1	1
222270	1551.3	189	1547.3	77.45018		69.4	1.3	2	1	0	1	1	0	1	1	1
222473	1552	193	1547.8	77.49907		69.5	1.3	2	1	0	1	1	0	1	1	1
222676	1550.5	202	1547.3	77.54797		69.5	1.3	2	1	0	1	1	0	1	1	1
222863	1551.5	205	1546.8	77.49907		69.5	1.3	2	1	0	1	1	0	1	1	1
223081	1549.5	201	1546.5	77.54797		69.5	1.3	2	1	0	1	1	0	1	1	1
223268	1550.5	194	1546.5	77.49907		69.6	1.3	2	1	0	1	1	0	1	1	1
223471	1553	192	1547.5	77.54797		69.6	1.3	2	1	0	1	1	0	1	1	1
223658	1550.8	196	1547	77.54797		69.8	1.3	2	1	0	1	1	0	1	1	1
223877	1549.5	200	1546.3	77.45018		70.2	1.3	2	1	0	1	1	0	1	1	1
224064	1549	206	1545.8	77.54797		70.5	1.3	2	1	0	1	1	0	1	1	1
224267	1547.5	211	1545	77.59686		70.7	1.3	2	1	0	1	1	0	1	1	1
224470	1548.3	214	1545.3	77.54797		70.9	1.3	2	1	0	1	1	0	1	1	1
224672	1547.3	219	1543.8	77.49907		71	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
224860	1546.8	220	1543.5	77.59686		71	1.3	2	1	0	1	1	0	1	1	1
225078	1545	224	1542	77.54797		71	1.3	2	1	0	1	1	0	1	1	1
225312	1545	219	1542.3	77.59686		71.1	1.3	2	1	0	1	1	0	1	1	1
225515	1545.3	223	1543.3	77.54797		71.1	1.3	2	1	0	1	1	0	1	1	1
225718	1546.5	213	1543.8	77.59686		71.1	1.3	2	1	0	1	1	0	1	1	1
225920	1546.5	213	1543	77.59686		71.1	1.3	2	1	0	1	1	0	1	1	1
226123	1544.5	215	1543	77.49907		71.1	1.3	2	1	0	1	1	0	1	1	1
226310	1546.8	214	1543.5	77.59686		71.1	1.3	2	1	0	1	1	0	1	1	1
226529	1546.8	222	1543.8	77.54797		71.1	1.3	2	1	0	1	1	0	1	1	1
226716	1549.5	224	1545.5	77.59686		71.1	1.3	2	1	0	1	1	0	1	1	1
226919	1547.3	216	1544.5	77.54797		71.1	1.3	2	1	0	1	1	0	1	1	1
227122	1547.5	212	1544.3	77.69465		71.1	1.3	2	1	0	1	1	0	1	1	1
227325	1549.5	225	1544.8	77.64576		71.1	1.3	2	1	0	1	1	0	1	1	1
227512	1548.3	219	1545.3	77.64576		71.1	1.3	2	1	0	1	1	0	1	1	1
227730	1550	216	1544.3	77.64576		71.1	1.3	2	1	0	1	1	0	1	1	1
227917	1550.5	224	1546.3	77.74355		71.1	1.3	2	1	0	1	1	0	1	1	1
228120	1549.8	212	1546	77.69465		71.1	1.3	2	1	0	1	1	0	1	1	1
228307	1550	217	1546.5	77.74355		71.2	1.3	2	1	0	1	1	0	1	1	1
228526	1548	219	1546.8	77.69465		72.3	1.3	2	1	0	1	1	0	1	1	1
228760	1542.8	233	1540.3	77.64576		75.1	1.3	2	1	0	1	1	0	1	1	1
228963	1535.5	258	1535	77.74355		76.6	1.3	2	1	0	1	1	0	1	1	1
229165	1528.8	285	1530	77.79244		77.6	1.3	2	1	0	1	1	0	1	1	1
229368	1525.5	306	1527.8	77.84134		78.3	1.3	2	1	0	1	1	0	1	1	1
229555	1524.8	308	1526	77.89023		78.7	1.3	2	1	0	1	1	0	1	1	1
229774	1525.5	324	1526.8	77.93913		79	1.3	2	1	0	1	1	0	1	1	1
229977	1527.5	323	1528	78.08582		79.2	1.3	2	1	0	1	1	0	1	1	1
230164	1528.3	329	1528.8	78.13471		79.3	1.3	2	1	0	1	1	0	1	1	1
230382	1526.8	331	1529.3	78.13471		79.4	1.3	2	1	0	1	1	0	1	1	1
230569	1530	331	1530	78.18361		78.9	1.3	2	1	0	1	1	0	1	1	1
230772	1531.8	325	1532.5	78.2814		77.1	1.3	2	1	0	1	1	0	1	1	1
230975	1538.5	320	1537.3	78.2814		75.3	1.3	2	1	0	1	1	0	1	1	1
231178	1543.3	289	1542.3	78.33029		74	1.3	2	1	0	1	1	0	1	1	1
231365	1551.5	270	1548.3	78.42808		73.2	1.3	2	1	0	1	1	0	1	1	1
231568	1552.8	264	1551	78.47698		72.7	1.3	2	1	0	1	1	0	1	1	1
231771	1554.5	245	1553.5	78.42808		72.3	1.3	2	1	0	1	1	0	1	1	1
231973	1560.8	236	1557.5	78.47698		72.1	1.3	2	1	0	1	1	0	1	1	1
232161	1561.5	235	1560	78.47698		72	1.3	2	1	0	1	1	0	1	1	1
232426	1563	235	1561	78.47698		71.9	1.3	2	1	0	1	1	0	1	1	1
232613	1563.8	224	1561.5	78.47698		71.8	1.3	2	1	0	1	1	0	1	1	1
232816	1564.5	233	1563.3	78.52587		71.8	1.3	2	1	0	1	1	0	1	1	1
233019	1570.3	235	1565.3	78.62366		71.7	1.3	2	1	0	1	1	0	1	1	1
233221	1571	188	1568.8	78.57477		71.7	1.3	2	1	0	1	1	0	1	1	1
233409	1572.8	198	1567.8	78.67256		71.7	1.3	2	1	0	1	1	0	1	1	1
233627	1573.3	195	1568	78.86814		71.7	1.3	2	1	0	1	1	0	1	1	1
233814	1573.3	191	1569.8	78.77035		71.7	1.3	2	1	0	1	1	0	1	1	1
234017	1573.3	188	1570.8	78.91704		71.7	1.3	2	1	0	1	1	0	1	1	1
234204	1581.3	188	1576	78.86814		71.7	1.3	2	1	0	1	1	0	1	1	1
234423	1600.8	189	1595.8	78.91704		71.7	1.3	2	1	0	1	1	0	1	1	1
234625	1619	198	1610.8	78.91704		71.7	1.3	2	1	0	1	1	0	1	1	1
234813	1613.5	196	1610.3	78.96593		71.7	1.3	2	1	0	1	1	0	1	1	1
235031	1612	188	1609.5	79.01483		71.7	1.3	2	1	0	1	1	0	1	1	1
235218	1609	199	1606.8	78.96593		71.7	1.3	2	1	0	1	1	0	1	1	1
235421	1604.8	191	1601.3	78.96593		71.7	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
235624	1604	204	1600.8	78.96593		71.7	1.3	2	1	0	1	1	0	1	1	1
235827	1606.3	207	1604.5	79.01483		71.7	1.3	2	1	0	1	1	0	1	1	1
236061	1607	217	1601	79.11262		71.7	1.3	2	1	0	1	1	0	1	1	1
236279	1603.5	230	1598.3	79.11262		71.7	1.3	2	1	0	1	1	0	1	1	1
236466	1605.8	226	1599.8	79.11262		71.7	1.3	2	1	0	1	1	0	1	1	1
236669	1601.5	220	1599.8	79.11262		71.7	1.3	2	1	0	1	1	0	1	1	1
236856	1603.3	223	1600.5	79.11262		71.6	1.3	2	1	0	1	1	0	1	1	1
237075	1608	219	1601.8	79.16151		70.8	1.3	2	1	0	1	1	0	1	1	1
237262	1609.8	211	1604.5	79.21041		69.5	1.3	2	1	0	1	1	0	1	1	1
237465	1618.5	203	1612.5	79.21041		68.4	1.3	2	1	0	1	1	0	1	1	1
237667	1624	200	1616	79.21041		67.7	1.3	2	1	0	1	1	0	1	1	1
237870	1625.5	196	1620.8	79.11262		67.2	1.3	2	1	0	1	1	0	1	1	1
238057	1627	191	1623	79.11262		66.9	1.3	2	1	0	1	1	0	1	1	1
238276	1633	177	1628	79.11262		66.6	1.3	2	1	0	1	1	0	1	1	1
238463	1428.3	70	1435.3	79.06372		66.5	1.3	2	1	0	1	1	0	1	1	1
238666	1635.5	200	1636.3	79.11262		66.4	1.3	2	1	0	1	1	0	1	1	1
238884	1673.3	158	1645.3	79.11262		66.4	1.3	2	1	0	1	1	0	1	1	1
239071	1655.3	139	1646.3	79.21041		66.3	1.3	2	1	0	1	1	0	1	1	1
239274	1653.5	131	1647.5	79.01483		66.3	1.3	2	1	0	1	1	0	1	1	1
239461	1652.3	136	1646	79.16151		66.3	1.3	2	1	0	1	1	0	1	1	1
239727	1653.5	152	1645	79.16151		66.3	1.3	2	1	0	1	1	0	1	1	1
239914	1664.8	148	1653.5	79.11262		66.3	1.3	2	1	0	1	1	0	1	1	1
240117	1656.8	167	1645	79.16151		66.3	1.3	2	1	0	1	1	0	1	1	1
240319	1654.5	149	1643.3	79.06372		66.3	1.3	2	1	0	1	1	0	1	1	1
240522	1647.5	143	1641.3	79.06372		66.3	1.3	2	1	0	1	1	0	1	1	1
240709	1645.3	149	1640.3	79.06372		66.3	1.3	2	1	0	1	1	0	1	1	1
240928	1644.5	146	1638	79.01483		66.3	1.3	2	1	0	1	1	0	1	1	1
241115	1646	159	1639	79.01483		66.3	1.3	2	1	0	1	1	0	1	1	1
241318	1644.3	166	1638	79.01483		66.3	1.3	2	1	0	1	1	0	1	1	1
241521	1643.8	172	1637.5	79.01483		66.3	1.3	2	1	0	1	1	0	1	1	1
241723	1642	174	1636.5	78.96593		66.6	1.3	2	1	0	1	1	0	1	1	1
241911	1640.5	170	1636.3	78.96593		66.8	1.3	2	1	0	1	1	0	1	1	1
242113	1641.8	182	1635.3	79.06372		67	1.3	2	1	0	1	1	0	1	1	1
242316	1637.3	167	1632.3	79.01483		67.1	1.3	2	1	0	1	1	0	1	1	1
242519	1638.8	175	1632.5	79.01483		67.1	1.3	2	1	0	1	1	0	1	1	1
242706	1636.5	178	1631.8	79.06372		67.2	1.3	2	1	0	1	1	0	1	1	1
242925	1636.5	171	1631.3	79.06372		67.2	1.3	2	1	0	1	1	0	1	1	1
243127	1636.3	183	1632	79.01483		67.2	1.3	2	1	0	1	1	0	1	1	1
243361	1634.3	187	1630	78.96593		67.2	1.3	2	1	0	1	1	0	1	1	1
243580	1634.3	172	1629	79.01483		67.2	1.3	2	1	0	1	1	0	1	1	1
243767	1634.8	176	1629.8	78.91704		67.3	1.3	2	1	0	1	1	0	1	1	1
243970	1633.3	189	1628.8	78.91704		67.3	1.3	2	1	0	1	1	0	1	1	1
244173	1634.8	178	1628.8	78.91704		67.3	1.3	2	1	0	1	1	0	1	1	1
244375	1633	182	1627.5	78.91704		67.2	1.3	2	1	0	1	1	0	1	1	1
244563	1630.8	179	1627.8	78.86814		67.3	1.3	2	1	0	1	1	0	1	1	1
244765	1634	177	1627.5	78.81925		67.3	1.3	2	1	0	1	1	0	1	1	1
244968	1630.8	173	1627.3	78.86814		67.3	1.3	2	1	0	1	1	0	1	1	1
245171	1634	177	1627	78.77035		67.3	1.3	2	1	0	1	1	0	1	1	1
245358	1680	183	1633.8	78.57477		67.3	1.3	2	1	0	1	1	0	1	1	1
245577	1637.8	131	1634	78.67256		67.3	1.3	2	1	0	1	1	0	1	1	1
245764	1639	109	1640.3	78.67256		67.3	1.3	2	1	0	1	1	0	1	1	1
245967	1637.8	137	1635.3	78.37919		67.2	1.3	2	1	0	1	1	0	1	1	1
246169	1643.3	122	1637	78.81925		67.2	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
246372	1645	136	1635.5	78.81925		67.2	1.3	2	1	0	1	1	0	1	1	1
246559	1649.3	129	1635.8	78.91704		67.2	1.3	2	1	0	1	1	0	1	1	1
246762	1644.3	150	1636.5	78.72146		67.3	1.3	2	1	0	1	1	0	1	1	1
247027	1657	145	1650.3	78.81925		67.2	1.3	2	1	0	1	1	0	1	1	1
247215	1662.3	131	1648.8	78.86814		67.2	1.3	2	1	0	1	1	0	1	1	1
247417	1656.8	136	1644.8	78.96593		67.2	1.3	2	1	0	1	1	0	1	1	1
247620	1650.8	153	1641	78.91704		67.3	1.3	2	1	0	1	1	0	1	1	1
247823	1649.3	141	1641	78.81925		67.3	1.3	2	1	0	1	1	0	1	1	1
248010	1652	144	1642	78.81925		67.7	1.3	2	1	0	1	1	0	1	1	1
248229	1645.8	159	1639.3	78.72146		68	1.3	2	1	0	1	1	0	1	1	1
248416	1647.5	161	1638.8	78.81925		68.2	1.3	2	1	0	1	1	0	1	1	1
248619	1638.3	166	1631.3	78.72146		68.3	1.3	2	1	0	1	1	0	1	1	1
248821	1637.8	176	1631.5	78.72146		68.4	1.3	2	1	0	1	1	0	1	1	1
249024	1636.3	181	1629.8	78.72146		68.5	1.3	2	1	0	1	1	0	1	1	1
249211	1633.5	171	1627	78.72146		68.5	1.3	2	1	0	1	1	0	1	1	1
249430	1621.5	186	1619.3	78.77035		68.6	1.3	2	1	0	1	1	0	1	1	1
249617	1614.5	195	1614.3	78.67256		68.6	1.3	2	1	0	1	1	0	1	1	1
249820	1617.8	195	1614	78.72146		68.6	1.3	2	1	0	1	1	0	1	1	1
250007	1616	190	1613.8	78.62366		68.6	1.3	2	1	0	1	1	0	1	1	1
250225	1615	188	1612.8	78.67256		68.6	1.3	2	1	0	1	1	0	1	1	1
250413	1617.3	189	1613.5	78.72146		68.6	1.3	2	1	0	1	1	0	1	1	1
250662	1616.8	186	1614.3	78.67256		68.6	1.3	2	1	0	1	1	0	1	1	1
250881	1616.8	187	1612.3	78.67256		68.6	1.3	2	1	0	1	1	0	1	1	1
251068	1618.5	187	1613.8	78.52587		68.6	1.3	2	1	0	1	1	0	1	1	1
251271	1619.3	193	1613.3	78.57477		68.6	1.3	2	1	0	1	1	0	1	1	1
251473	1617.3	191	1613	78.33029		68.6	1.3	2	1	0	1	1	0	1	1	1
251676	1620	193	1612	78.37919		68.6	1.3	2	1	0	1	1	0	1	1	1
251863	1618.5	195	1612.5	78.33029		68.6	1.3	2	1	0	1	1	0	1	1	1
252082	1622.3	189	1613.5	78.47698		68.6	1.3	2	1	0	1	1	0	1	1	1
252269	1619	195	1612.8	78.47698		68.6	1.3	2	1	0	1	1	0	1	1	1
252472	1619	197	1612.8	78.57477		68.6	1.3	2	1	0	1	1	0	1	1	1
252659	1620.5	187	1612.8	78.72146		68.6	1.3	2	1	0	1	1	0	1	1	1
252877	1619	187	1613.3	78.62366		68.6	1.3	2	1	0	1	1	0	1	1	1
253065	1618.3	197	1613.3	78.67256		68.6	1.3	2	1	0	1	1	0	1	1	1
253267	1619.3	184	1614.8	78.72146		68.6	1.3	2	1	0	1	1	0	1	1	1
253470	1620	189	1615.8	78.62366		68.7	1.3	2	1	0	1	1	0	1	1	1
253673	1623	200	1617.8	78.72146		69.2	1.3	2	1	0	1	1	0	1	1	1
253860	1618.3	197	1613	78.72146		69.6	1.3	2	1	0	1	1	0	1	1	1
254079	1613.5	193	1610.8	78.72146		69.9	1.3	2	1	0	1	1	0	1	1	1
254328	1607.5	208	1602.5	78.77035		70.1	1.3	2	1	0	1	1	0	1	1	1
254515	1605.5	207	1601	78.72146		70.2	1.3	2	1	0	1	1	0	1	1	1
254734	1604	204	1599.8	78.86814		70.3	1.3	2	1	0	1	1	0	1	1	1
254921	1603.3	208	1599.3	78.81925		70.3	1.3	2	1	0	1	1	0	1	1	1
255124	1602.5	211	1598.5	78.77035		70.4	1.3	2	1	0	1	1	0	1	1	1
255311	1601.5	216	1598.5	78.77035		70.4	1.3	2	1	0	1	1	0	1	1	1
255529	1599.3	219	1596.8	78.72146		70.4	1.3	2	1	0	1	1	0	1	1	1
255717	1598.5	217	1597.3	78.67256		70.4	1.3	2	1	0	1	1	0	1	1	1
255919	1604	219	1599	78.77035		70.4	1.3	2	1	0	1	1	0	1	1	1
256122	1596.3	215	1596.8	78.72146		70.4	1.3	2	1	0	1	1	0	1	1	1
256325	1598.8	209	1596.5	78.72146		70.4	1.3	2	1	0	1	1	0	1	1	1
256512	1596.3	208	1595.8	78.72146		70.4	1.3	2	1	0	1	1	0	1	1	1
256731	1600.3	206	1597.5	78.81925		70.4	1.3	2	1	0	1	1	0	1	1	1
256918	1597.3	207	1596.5	78.77035		70.4	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
257121	1599.5	206	1596	78.77035		70.4	1.3	2	1	0	1	1	0	1	1	1
257323	1603.5	168	1602.3	78.77035		70.4	1.3	2	1	0	1	1	0	1	1	1
257526	1601.8	173	1600	78.72146		70.4	1.3	2	1	0	1	1	0	1	1	1
257714	1596.3	179	1599.3	78.77035		70.4	1.3	2	1	0	1	1	0	1	1	1
257963	1604.8	184	1600.5	78.72146		70.4	1.3	2	1	0	1	1	0	1	1	1
258166	1600.8	181	1596	78.86814		70.4	1.3	2	1	0	1	1	0	1	1	1
258369	1601	185	1598	78.81925		70.4	1.3	2	1	0	1	1	0	1	1	1
258572	1604	187	1598	78.91704		70.4	1.3	2	1	0	1	1	0	1	1	1
258774	1602	189	1597.8	78.86814		70.4	1.3	2	1	0	1	1	0	1	1	1
258977	1603.5	189	1596.8	78.86814		70.4	1.3	2	1	0	1	1	0	1	1	1
259164	1599.3	188	1593.8	78.91704		70.4	1.3	2	1	0	1	1	0	1	1	1
259383	1597	181	1592.5	78.86814		70.4	1.3	2	1	0	1	1	0	1	1	1
259570	1593.3	191	1590.5	78.91704		70.4	1.3	2	1	0	1	1	0	1	1	1
259773	1590.5	208	1590.5	78.81925		70.4	1.3	2	1	0	1	1	0	1	1	1
259976	1593.8	207	1590.8	78.86814		70.4	1.3	2	1	0	1	1	0	1	1	1
260178	1589.8	206	1586.5	78.81925		70.4	1.3	2	1	0	1	1	0	1	1	1
260366	1591.8	210	1588	78.86814		70.4	1.3	2	1	0	1	1	0	1	1	1
260568	1591.8	212	1587	78.86814		70.4	1.3	2	1	0	1	1	0	1	1	1
260771	1589.8	207	1585.8	78.86814		70.4	1.3	2	1	0	1	1	0	1	1	1
260974	1586.8	213	1583	78.91704		70.4	1.3	2	1	0	1	1	0	1	1	1
261161	1584.3	205	1579.8	78.91704		70.4	1.3	2	1	0	1	1	0	1	1	1
261380	1558.5	195	1561.8	79.01483		70.4	1.3	2	1	0	1	1	0	1	1	1
261614	1579.5	216	1575	79.01483		70.4	1.3	2	1	0	1	1	0	1	1	1
261816	1578	208	1572.3	78.91704		70.4	1.3	2	1	0	1	1	0	1	1	1
262019	1574.8	214	1572.3	79.01483		70.4	1.3	2	1	0	1	1	0	1	1	1
262222	1573.3	206	1569	79.01483		70.4	1.3	2	1	0	1	1	0	1	1	1
262425	1576	214	1571	78.96593		70.4	1.3	2	1	0	1	1	0	1	1	1
262628	1575	211	1570.5	79.01483		70.4	1.3	2	1	0	1	1	0	1	1	1
262830	1571.3	210	1567.5	78.96593		70.4	1.3	2	1	0	1	1	0	1	1	1
263018	1570.5	206	1565.8	79.01483		70.4	1.3	2	1	0	1	1	0	1	1	1
263220	1568.5	214	1564.5	78.96593		70.4	1.3	2	1	0	1	1	0	1	1	1
263423	1566.3	207	1564.5	78.77035		70.4	1.3	2	1	0	1	1	0	1	1	1
263626	1568.8	175	1568.3	78.81925		70.4	1.3	2	1	0	1	1	0	1	1	1
263813	1564	216	1560.5	78.77035		70.4	1.3	2	1	0	1	1	0	1	1	1
264032	1562.3	204	1563	78.77035		70.4	1.3	2	1	0	1	1	0	1	1	1
264219	1567.3	205	1563.3	78.91704		69.8	1.3	2	1	0	1	1	0	1	1	1
264422	1569.3	210	1564.8	78.81925		69	1.3	2	1	0	1	1	0	1	1	1
264624	1573.5	199	1569.3	78.91704		68.4	1.3	2	1	0	1	1	0	1	1	1
264827	1582	193	1577.3	78.81925		68.1	1.3	2	1	0	1	1	0	1	1	1
265014	1584.3	180	1575	78.91704		67.9	1.3	2	1	0	1	1	0	1	1	1
265280	1581.5	194	1575	78.86814		67.7	1.3	2	1	0	1	1	0	1	1	1
265467	1580.3	194	1576	78.81925		68.2	1.3	2	1	0	1	1	0	1	1	1
265670	1580.3	189	1572.5	78.91704		69.3	1.3	2	1	0	1	1	0	1	1	1
265857	1571.8	194	1564.3	78.91704		70.3	1.3	2	1	0	1	1	0	1	1	1
266075	1560.3	196	1555.3	78.86814		70.9	1.3	2	1	0	1	1	0	1	1	1
266262	1559.3	204	1556	78.96593		71.3	1.3	2	1	0	1	1	0	1	1	1
266465	1553.8	220	1549.8	78.91704		71.5	1.3	2	1	0	1	1	0	1	1	1
266668	1552	215	1548.5	78.96593		71.7	1.3	2	1	0	1	1	0	1	1	1
266871	1550	225	1546	79.01483		71.8	1.3	2	1	0	1	1	0	1	1	1
267074	1548.8	223	1545.3	79.01483		71.9	1.3	2	1	0	1	1	0	1	1	1
267276	1548.8	223	1545	79.06372		71.9	1.3	2	1	0	1	1	0	1	1	1
267479	1549.5	225	1545.3	79.11262		72	1.3	2	1	0	1	1	0	1	1	1
267666	1546	229	1543	79.11262		72	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
267885	1547.3	228	1543	79.11262		72	1.3	2	1	0	1	1	0	1	1	1
268072	1539	228	1536	79.16151		72	1.3	2	1	0	1	1	0	1	1	1
268275	1544.5	227	1542.3	79.16151		72	1.3	2	1	0	1	1	0	1	1	1
268462	1544.5	226	1541.5	79.21041		72	1.3	2	1	0	1	1	0	1	1	1
268680	1545.8	236	1543	79.3082		72	1.3	2	1	0	1	1	0	1	1	1
268914	1545	227	1541.5	79.35709		72	1.3	2	1	0	1	1	0	1	1	1
269117	1546	230	1541.8	79.40599		72	1.3	2	1	0	1	1	0	1	1	1
269320	1557	220	1542.8	79.40599		72	1.3	2	1	0	1	1	0	1	1	1
269523	1544	214	1542.5	79.45488		72	1.3	2	1	0	1	1	0	1	1	1
269710	1542.8	226	1539.5	79.60157		72	1.3	2	1	0	1	1	0	1	1	1
269928	1539.8	224	1537.8	79.55268		72	1.3	2	1	0	1	1	0	1	1	1
270116	1539	227	1536.8	79.60157		72	1.3	2	1	0	1	1	0	1	1	1
270318	1537.8	223	1535.8	79.55268		71.9	1.3	2	1	0	1	1	0	1	1	1
270521	1536.5	233	1535.5	79.60157		71.7	1.3	2	1	0	1	1	0	1	1	1
270724	1540.3	223	1535.3	79.69936		71.5	1.3	2	1	0	1	1	0	1	1	1
270911	1540.5	224	1537.3	79.69936		71.3	1.3	2	1	0	1	1	0	1	1	1
271114	1541	217	1539	79.69936		71.2	1.3	2	1	0	1	1	0	1	1	1
271332	1542	223	1539	79.84605		71.2	1.3	2	1	0	1	1	0	1	1	1
271520	1539	213	1537.5	79.79715		71.1	1.3	2	1	0	1	1	0	1	1	1
271722	1543.3	211	1539.3	79.89494		71.1	1.3	2	1	0	1	1	0	1	1	1
271925	1542.5	214	1538.8	79.94384		71.1	1.3	2	1	0	1	1	0	1	1	1
272128	1546.5	211	1540.8	80.04163		71.1	1.3	2	1	0	1	1	0	1	1	1
272362	1543.3	221	1539.5	80.04163		71.1	1.3	2	1	0	1	1	0	1	1	1
272580	1542.8	217	1539.8	80.13942		71.1	1.3	2	1	0	1	1	0	1	1	1
272768	1540.5	210	1538.5	80.09052		71.1	1.3	2	1	0	1	1	0	1	1	1
272970	1542.8	219	1539	80.13942		71.1	1.3	2	1	0	1	1	0	1	1	1
273173	1542.5	208	1538	80.18831		71.1	1.3	2	1	0	1	1	0	1	1	1
273376	1544.5	213	1539.8	80.28611		71.1	1.3	2	1	0	1	1	0	1	1	1
273563	1544.3	218	1539.5	80.23721		71.1	1.3	2	1	0	1	1	0	1	1	1
273766	1543.5	211	1540.3	80.28611		71.1	1.3	2	1	0	1	1	0	1	1	1
273969	1544	211	1539.8	80.3839		71.1	1.3	2	1	0	1	1	0	1	1	1
274172	1542.5	211	1539	80.28611		71.1	1.3	2	1	0	1	1	0	1	1	1
274359	1542.5	208	1538.8	80.3839		71.1	1.3	2	1	0	1	1	0	1	1	1
274577	1542.5	209	1538.8	80.48169		71.1	1.3	2	1	0	1	1	0	1	1	1
274764	1544.3	218	1540.5	80.53058		71.1	1.3	2	1	0	1	1	0	1	1	1
274967	1544	209	1538.8	80.53058		71.1	1.3	2	1	0	1	1	0	1	1	1
275186	1544	214	1540	80.53058		71.1	1.3	2	1	0	1	1	0	1	1	1
275373	1544	212	1540	80.62837		71.1	1.3	2	1	0	1	1	0	1	1	1
275576	1541.3	211	1538.5	80.57948		71.1	1.3	2	1	0	1	1	0	1	1	1
275763	1541.8	210	1538	80.67727		71.1	1.3	2	1	0	1	1	0	1	1	1
276028	1543.5	216	1538.5	80.67727		71.1	1.3	2	1	0	1	1	0	1	1	1
276215	1541	210	1538	80.72616		71.1	1.3	2	1	0	1	1	0	1	1	1
276418	1540.3	211	1537.3	80.77506		71.1	1.3	2	1	0	1	1	0	1	1	1
276621	1544	212	1539.5	80.87285		71.1	1.3	2	1	0	1	1	0	1	1	1
276824	1541	208	1538	80.87285		71.1	1.3	2	1	0	1	1	0	1	1	1
277011	1541	212	1538.3	80.82395		71.1	1.3	2	1	0	1	1	0	1	1	1
277229	1541.8	219	1538.8	80.87285		71.1	1.3	2	1	0	1	1	0	1	1	1
277416	1541.8	210	1538	80.82395		71.1	1.3	2	1	0	1	1	0	1	1	1
277619	1543.3	212	1538.8	80.92174		71.1	1.3	2	1	0	1	1	0	1	1	1
277822	1539.5	219	1536	80.92174		71.1	1.3	2	1	0	1	1	0	1	1	1
278025	1539	212	1537	80.97064		71	1.3	2	1	0	1	1	0	1	1	1
278212	1539	212	1536.8	81.06843		71	1.3	2	1	0	1	1	0	1	1	1
278430	1540.3	217	1536.8	80.97064		70.9	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
278618	1541.3	209	1537.5	81.06843		70.9	1.3	2	1	0	1	1	0	1	1	1
278820	1539	210	1536.8	81.01953		70.8	1.3	2	1	0	1	1	0	1	1	1
279008	1541	213	1538.3	81.11733		70.8	1.3	2	1	0	1	1	0	1	1	1
279226	1541	215	1538.3	81.16622		70.8	1.3	2	1	0	1	1	0	1	1	1
279429	1539.8	214	1538.5	81.16622		70.8	1.3	2	1	0	1	1	0	1	1	1
279663	1540.5	212	1539	81.21512		70.8	1.3	2	1	0	1	1	0	1	1	1
279881	1541.3	208	1537.5	81.21512		70.8	1.3	2	1	0	1	1	0	1	1	1
280068	1542.5	206	1539	81.31291		70.8	1.3	2	1	0	1	1	0	1	1	1
280271	1539	215	1537	81.26401		70.8	1.3	2	1	0	1	1	0	1	1	1
280474	1541.8	210	1537.5	81.3618		70.8	1.3	2	1	0	1	1	0	1	1	1
280677	1540.3	208	1537	81.31291		70.8	1.3	2	1	0	1	1	0	1	1	1
280864	1538.5	210	1537.5	81.3618		70.7	1.3	2	1	0	1	1	0	1	1	1
281082	1541	210	1537.8	81.45959		69.9	1.3	2	1	0	1	1	0	1	1	1
281270	1544.5	197	1541.5	81.4107		68.5	1.3	2	1	0	1	1	0	1	1	1
281472	1552	192	1548	81.50849		67.5	1.3	2	1	0	1	1	0	1	1	1
281660	1557.5	186	1554.5	81.50849		66.8	1.3	2	1	0	1	1	0	1	1	1
281878	1564	172	1557.8	81.55738		66.4	1.3	2	1	0	1	1	0	1	1	1
282065	1568.8	168	1563.5	81.55738		66.1	1.3	2	1	0	1	1	0	1	1	1
282268	1570.5	170	1565	81.55738		65.9	1.3	2	1	0	1	1	0	1	1	1
282471	1571.3	156	1566.5	81.60628		65.8	1.3	2	1	0	1	1	0	1	1	1
282674	1573.5	157	1568.5	81.55738		65.7	1.3	2	1	0	1	1	0	1	1	1
282861	1574.8	160	1569	81.60628		65.7	1.3	2	1	0	1	1	0	1	1	1
283079	1577.3	156	1570.8	81.60628		65.7	1.3	2	1	0	1	1	0	1	1	1
283329	1576	156	1568.8	81.60628		65.6	1.3	2	1	0	1	1	0	1	1	1
283516	1577.3	154	1569.8	81.55738		65.6	1.3	2	1	0	1	1	0	1	1	1
283734	1578	158	1571.5	81.70407		65.6	1.3	2	1	0	1	1	0	1	1	1
283922	1578	163	1571	81.70407		65.6	1.3	2	1	0	1	1	0	1	1	1
284124	1577.3	151	1570.5	81.60628		65.6	1.3	2	1	0	1	1	0	1	1	1
284312	1578.3	149	1571.5	81.65517		65.6	1.3	2	1	0	1	1	0	1	1	1
284530	1575.8	152	1569.5	81.65517		65.6	1.3	2	1	0	1	1	0	1	1	1
284717	1578.3	155	1572.3	81.70407		65.6	1.3	2	1	0	1	1	0	1	1	1
284920	1578.8	162	1571.5	81.65517		65.6	1.3	2	1	0	1	1	0	1	1	1
285123	1577.3	162	1571.3	81.65517		65.6	1.3	2	1	0	1	1	0	1	1	1
285326	1576.5	164	1570.8	81.65517		65.6	1.3	2	1	0	1	1	0	1	1	1
285513	1578	161	1572.3	81.75296		65.6	1.3	2	1	0	1	1	0	1	1	1
285731	1580.3	166	1574.3	81.60628		65.6	1.3	2	1	0	1	1	0	1	1	1
285918	1578.3	161	1570.8	81.75296		65.6	1.3	2	1	0	1	1	0	1	1	1
286121	1575.8	162	1570.5	81.70407		65.6	1.3	2	1	0	1	1	0	1	1	1
286308	1577.5	161	1572.3	81.75296		65.5	1.3	2	1	0	1	1	0	1	1	1
286527	1579.5	162	1572.8	81.75296		64.9	1.3	2	1	0	1	1	0	1	1	1
286714	1583.5	160	1574	81.80186		64.2	1.3	2	1	0	1	1	0	1	1	1
286964	1588.3	144	1578.3	81.80186		63.5	1.3	2	1	0	1	1	0	1	1	1
287182	1586	143	1580	81.70407		63.2	1.3	2	1	0	1	1	0	1	1	1
287369	1593.3	140	1584	81.80186		62.9	1.3	2	1	0	1	1	0	1	1	1
287572	1592.5	134	1584.8	81.80186		62.8	1.3	2	1	0	1	1	0	1	1	1
287775	1595.3	133	1586.5	81.75296		62.7	1.3	2	1	0	1	1	0	1	1	1
287978	1593	134	1587.5	81.70407		62.6	1.3	2	1	0	1	1	0	1	1	1
288165	1595.5	132	1588.5	81.65517		62.6	1.3	2	1	0	1	1	0	1	1	1
288383	1597	133	1589.3	81.80186		62.4	1.3	2	1	0	1	1	0	1	1	1
288570	1599.3	134	1590.5	81.75296		62.3	1.3	2	1	0	1	1	0	1	1	1
288773	1600.8	141	1590.8	81.80186		62.2	1.3	2	1	0	1	1	0	1	1	1
288976	1598.5	138	1590.8	81.75296		62.1	1.3	2	1	0	1	1	0	1	1	1
289179	1596.5	134	1591	81.80186		62.1	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
289366	1602	142	1595.3	81.80186		62	1.3	2	1	0	1	1	0	1	1	1
289569	1598.8	140	1591.8	81.75296		62	1.3	2	1	0	1	1	0	1	1	1
289772	1598	140	1593.3	81.65517		62	1.3	2	1	0	1	1	0	1	1	1
289975	1598	128	1591	81.80186		62	1.3	2	1	0	1	1	0	1	1	1
290162	1596.3	125	1590.5	81.70407		62	1.3	2	1	0	1	1	0	1	1	1
290380	1601.5	129	1592.5	81.70407		62	1.3	2	1	0	1	1	0	1	1	1
290614	1598.5	128	1592.8	81.60628		62	1.3	2	1	0	1	1	0	1	1	1
290817	1604.8	134	1592.5	81.70407		62	1.3	2	1	0	1	1	0	1	1	1
291035	1600.8	128	1592.3	81.70407		62	1.3	2	1	0	1	1	0	1	1	1
291223	1598	137	1592.5	81.70407		62	1.3	2	1	0	1	1	0	1	1	1
291425	1594.8	134	1589	81.75296		62	1.3	2	1	0	1	1	0	1	1	1
291628	1597.8	125	1591.8	81.70407		62	1.3	2	1	0	1	1	0	1	1	1
291831	1600.8	125	1593	81.70407		62	1.3	2	1	0	1	1	0	1	1	1
292018	1597.3	130	1590.5	81.65517		62	1.3	2	1	0	1	1	0	1	1	1
292221	1597.8	137	1590.5	81.65517		62	1.3	2	1	0	1	1	0	1	1	1
292424	1600.3	142	1593.5	81.65517		62	1.3	2	1	0	1	1	0	1	1	1
292627	1597	139	1591.3	81.65517		62	1.3	2	1	0	1	1	0	1	1	1
292814	1601.5	126	1594.5	81.70407		62	1.3	2	1	0	1	1	0	1	1	1
293032	1599.5	133	1590.5	81.70407		61.9	1.3	2	1	0	1	1	0	1	1	1
293219	1598.8	142	1591.8	81.60628		60.7	1.3	2	1	0	1	1	0	1	1	1
293422	1602	134	1594.5	81.60628		58.7	1.3	2	1	0	1	1	0	1	1	1
293625	1607.5	118	1598	81.65517		57.3	1.3	2	1	0	1	1	0	1	1	1
293828	1612.3	123	1604.5	81.65517	MIN POWER	56.4	1.3	2	1	0	1	1	0	1	1	1
294015	1617.5	114	1607	81.60628	MIN POWER	55.8	1.3	2	1	0	1	1	0	1	1	1
294280	1618.5	125	1607.8	81.60628	MIN POWER	55.3	1.3	2	1	0	1	1	0	1	1	1
294467	1614.5	117	1606.3	81.55738	MIN POWER	55.2	1.3	2	1	0	1	1	0	1	1	1
294670	1614.3	114	1605	81.45959	MIN POWER	55.1	1.3	2	1	0	1	1	0	1	1	1
294857	1613.8	111	1605	81.45959	MIN POWER	55.2	1.3	2	1	0	1	1	0	1	1	1
295076	1613.8	110	1604.5	81.45959	MIN POWER	55.9	1.3	2	1	0	1	1	0	1	1	1
295279	1611	108	1603	81.4107	MIN POWER	56.8	1.3	2	1	0	1	1	0	1	1	1
295466	1612	110	1602.3	81.3618	MIN POWER	56.2	1.3	2	1	0	1	1	0	1	1	1
295684	1609.5	114	1601	81.3618	MIN POWER	55.6	1.3	2	1	0	1	1	0	1	1	1
295871	1607.3	123	1600.5	81.26401	MIN POWER	55.2	1.3	2	1	0	1	1	0	1	1	1
296074	1607.3	123	1599.3	81.31291	MIN POWER	55.1	1.3	2	1	0	1	1	0	1	1	1
296277	1608.8	111	1599.3	81.31291	MIN POWER	55.6	1.3	2	1	0	1	1	0	1	1	1
296480	1605.8	117	1597	81.31291	MIN POWER	56.8	1.3	2	1	0	1	1	0	1	1	1
296667	1604.8	121	1594.8	81.26401		58.7	1.3	2	1	0	1	1	0	1	1	1
296870	1597	111	1589.5	81.16622		60.2	1.3	2	1	0	1	1	0	1	1	1
297073	1590	126	1584	81.16622		61.2	1.3	2	1	0	1	1	0	1	1	1
297275	1586	120	1579	81.16622		61.8	1.3	2	1	0	1	1	0	1	1	1
297463	1582	136	1574.8	81.21512		62.2	1.3	2	1	0	1	1	0	1	1	1
297681	1578.8	124	1571	81.21512		62.5	1.3	2	1	0	1	1	0	1	1	1
297915	1573.5	134	1562.5	81.26401		62.7	1.3	2	1	0	1	1	0	1	1	1
298118	1574	125	1567.8	81.11733		62.8	1.3	2	1	0	1	1	0	1	1	1
298321	1571.3	134	1565	81.16622		62.9	1.3	2	1	0	1	1	0	1	1	1
298523	1570.5	130	1562.5	81.16622		62.9	1.3	2	1	0	1	1	0	1	1	1
298711	1566.5	141	1560.8	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
298929	1568	131	1558.5	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
299132	1566.5	138	1559.3	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
299319	1566.5	131	1558.8	81.21512		63	1.3	2	1	0	1	1	0	1	1	1
299522	1565.3	141	1558	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
299725	1565.5	131	1557	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
299927	1563.3	141	1556.5	81.16622		63	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
300115	1563	137	1556.8	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
300333	1562.3	135	1556	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
300520	1560.3	143	1554	81.11733		63	1.3	2	1	0	1	1	0	1	1	1
300723	1562.3	144	1554	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
300926	1556.8	140	1551.5	81.11733		63	1.3	2	1	0	1	1	0	1	1	1
301129	1590	153	1555.3	80.92174		63	1.3	2	1	0	1	1	0	1	1	1
301316	1565.8	104	1555.5	81.06843		63	1.3	2	1	0	1	1	0	1	1	1
301581	1563.3	137	1557	81.06843		63	1.3	2	1	0	1	1	0	1	1	1
301768	1562.5	123	1546.3	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
301971	1560.3	137	1552.8	81.11733		63	1.3	2	1	0	1	1	0	1	1	1
302174	1560.3	136	1553.3	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
302377	1564.5	141	1557.5	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
302564	1556.3	133	1549.8	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
302767	1558.5	132	1548.8	81.16622		63	1.3	2	1	0	1	1	0	1	1	1
302969	1556.8	141	1551	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
303172	1564.5	131	1556	81.11733		63	1.3	2	1	0	1	1	0	1	1	1
303375	1554.3	136	1549.3	80.97064		63	1.3	2	1	0	1	1	0	1	1	1
303578	1554.8	142	1547.5	81.06843		63	1.3	2	1	0	1	1	0	1	1	1
303781	1552	129	1545	81.06843		63	1.3	2	1	0	1	1	0	1	1	1
303968	1557.8	145	1551	81.11733		63	1.3	2	1	0	1	1	0	1	1	1
304186	1549	128	1545	81.11733		63	1.3	2	1	0	1	1	0	1	1	1
304373	1551.5	132	1543.8	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
304576	1554.5	144	1544.8	81.11733		63	1.3	2	1	0	1	1	0	1	1	1
304763	1553.5	140	1543.8	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
304982	1549.5	132	1543.3	81.11733		63	1.3	2	1	0	1	1	0	1	1	1
305216	1547.5	130	1541.5	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
305419	1550.5	142	1542	81.11733		63	1.3	2	1	0	1	1	0	1	1	1
305621	1549.8	131	1540.8	81.11733		63	1.3	2	1	0	1	1	0	1	1	1
305824	1546.8	129	1539.5	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
306011	1548	133	1540.5	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
306230	1548	144	1540.3	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
306417	1548.3	134	1540.5	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
306620	1548.3	135	1540.8	80.97064		63	1.3	2	1	0	1	1	0	1	1	1
306823	1549	129	1541	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
307025	1549.5	133	1540.5	81.06843		63	1.3	2	1	0	1	1	0	1	1	1
307213	1548	138	1540.3	80.97064		63	1.3	2	1	0	1	1	0	1	1	1
307415	1550.5	143	1541.3	80.97064		63	1.3	2	1	0	1	1	0	1	1	1
307634	1548	143	1541.5	80.92174		63	1.3	2	1	0	1	1	0	1	1	1
307821	1549.5	134	1541.3	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
308024	1548	134	1541.3	80.97064		63	1.3	2	1	0	1	1	0	1	1	1
308227	1548.3	132	1541.5	80.97064		63	1.3	2	1	0	1	1	0	1	1	1
308429	1547.5	138	1539.8	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
308617	1545.3	134	1539.8	80.92174		63	1.3	2	1	0	1	1	0	1	1	1
308882	1550.8	133	1540.5	81.01953		63	1.3	2	1	0	1	1	0	1	1	1
309069	1549.8	132	1542	80.92174		63	1.3	2	1	0	1	1	0	1	1	1
309272	1552	136	1541.3	80.92174		63	1.3	2	1	0	1	1	0	1	1	1
309475	1549.5	138	1541.3	80.87285		63	1.3	2	1	0	1	1	0	1	1	1
309677	1550	146	1542.5	80.82395		63	1.3	2	1	0	1	1	0	1	1	1
309865	1553	143	1543.5	80.97064		63	1.3	2	1	0	1	1	0	1	1	1
310067	1549	134	1541.5	80.77506		63	1.3	2	1	0	1	1	0	1	1	1
310270	1549	133	1538	80.82395		63	1.3	2	1	0	1	1	0	1	1	1
310473	1549.8	129	1543.8	80.82395		63	1.3	2	1	0	1	1	0	1	1	1
310660	1548.3	143	1542.5	80.82395		63	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
310879	1550.8	134	1542	80.82395	FULL SERVICE EMERGENCY	63	1.3	2	1	0	1	1	0	1	1	1
311066	1548.8	135	1542.3	80.77506		63	1.3	2	1	0	1	1	0	1	1	1
311269	1550	139	1543.3	80.72616		63	1.3	2	1	0	1	1	0	1	1	1
311471	1551.3	129	1544.5	80.77506		63	1.3	2	1	0	1	1	0	1	1	1
311674	1551.3	141	1542.8	80.72616		63	1.3	2	1	0	1	1	0	1	1	1
311877	1550	140	1543.5	80.67727		63	1.3	2	1	0	1	1	0	1	1	1
312080	1552	132	1543	80.67727		63	1.3	2	1	0	1	1	0	1	1	1
312283	1567.3	118	1556	80.72616		53	1.3	2	1	0	1	1	0	1	1	1
312517	1578.8	114	1568	80.62837		31.3	1.3	2	1	0	1	1	0	1	1	1
312735	1585	131	1574	80.57948		20.5	1.3	2	1	0	1	1	0	1	1	1
312922	1588.5	120	1575.3	80.53058		13.5	1.3	2	1	0	1	1	0	1	1	1
313125	1591.3	107	1577.3	80.57948		8.9	1.3	2	1	0	1	1	0	1	1	1
313312	1587.8	124	1576.8	80.48169		5.8	1.3	2	1	0	1	1	0	1	1	1
313531	1590	109	1579.3	80.43279		3.8	1.3	2	1	0	1	1	0	1	1	1
313718	1591.8	122	1580.8	80.43279		2.5	1.3	2	1	0	1	1	0	1	1	1
313921	1589.3	113	1580.3	80.28611		1.7	1.3	2	1	0	1	1	0	1	1	1
314123	1590.8	110	1581.8	80.28611		1.1	1.3	2	1	0	1	1	0	1	1	1
314326	1589.8	110	1580	80.23721		0.7	1.3	2	1	0	1	1	0	1	1	1
314513	1594.8	114	1583	80.18831		0.5	1.3	2	1	0	1	1	0	1	1	1
314732	1594	121	1582.5	80.13942		0.3	1.3	2	1	0	1	1	0	1	1	1
314919	1593	111	1581.8	80.09052		0.2	1.3	2	1	0	1	1	0	1	1	1
315122	1592.3	117	1580.8	80.04163		0.2	1.3	2	1	0	1	1	0	1	1	1
315309	1587.5	0	1579.5	79.99273		0.1	1.3	2	1	0	1	1	0	1	1	1
315527	1584.3	0	1573.5	79.89494		0.1	1.3	2	1	0	1	1	0	1	1	1
315715	1585.8	0	1574.5	79.89494		0.1	1.3	2	1	0	1	1	0	1	1	1
315964	1583.8	0	1573.8	79.84605		0.1	1.3	2	1	0	1	1	0	1	1	1
316183	1584.5	0	1573.8	79.69936		0.1	1.3	2	1	0	1	1	0	1	1	1
316370	1583.8	0	1573	79.60157		0.1	1.3	2	1	0	1	1	0	1	1	1
316573	1585	0	1574	79.40599		0.1	1.3	2	1	0	1	1	0	1	1	1
316775	1585.3	0	1574.5	79.21041		0.1	1.3	2	1	0	1	1	0	1	1	1
316978	1585.3	0	1574.5	78.91704		0	1.3	2	1	0	1	1	0	1	1	1
317165	1585	0	1574	78.62366		0	1.3	2	1	0	1	1	0	1	1	1
317384	1578.8	0	1571.3	78.37919		0	1.3	2	1	0	1	1	0	1	1	1
317571	1582.8	0	1573.5	78.08582		0	1.3	2	1	0	1	1	0	1	1	1
317774	1580.8	0	1572.3	77.84134		0	1.3	2	1	0	1	1	0	1	1	1
317977	1584.3	0	1574	77.49907		0	1.3	2	1	0	1	1	0	1	1	1
318179	1583.8	0	1574	77.2546		0	1.3	2	1	0	1	1	0	1	1	1
318367	1584.5	0	1574.5	77.01012		0	1.3	2	1	0	1	1	0	1	1	1
318569	1585	0	1574.5	76.71675		0	1.3	2	1	0	1	1	0	1	1	1
318772	1584.5	0	1574.5	76.47227		0	1.3	2	1	0	1	1	0	1	1	1
318975	1585	0	1574	76.1789		0	1.3	2	1	0	1	1	0	1	1	1
319162	1585	0	1574	75.93442		0	1.3	2	1	0	1	1	0	1	1	1
319381	1585	0	1574	75.68995		0	1.3	2	1	0	1	1	0	1	1	1
319630	1584.3	0	1573.5	75.44547		0	1.3	2	1	0	1	1	0	1	1	1
319817	1584.3	0	1574	75.29878		0	1.3	2	1	0	1	1	0	1	1	1
320036	1583.8	0	1574.5	74.95652		0	1.3	2	1	0	1	1	0	1	1	1
320223	1584.5	0	1574	74.71204		0	1.3	2	1	0	1	1	0	1	1	1
320426	1585.8	0	1574.3	74.46756		0	1.3	2	1	0	1	1	0	1	1	1
320629	1586	0	1574.3	74.22309		0	1.3	2	1	0	1	1	0	1	1	1
320832	1586.3	0	1573.8	74.0275		0	1.3	2	1	0	1	1	0	1	1	1
321019	1585.8	0	1574.3	73.78303		0	1.3	2	1	0	1	1	0	1	1	1
321222	1586	0	1574.3	73.53855		0	1.3	2	1	0	1	1	0	1	1	1
321424	1583.5	0	1573.5	73.34297		0	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
321627	1582	0	1572.5	73.0496		0	1.3	2	1	0	1	1	0	1	1	1
321814	1582	0	1572	72.85402		0	1.3	2	1	0	1	1	0	1	1	1
322033	1583	0	1573.3	72.60954		0	1.3	2	1	0	1	1	0	1	1	1
322220	1583.8	0	1573.5	72.46285		0	1.3	2	1	0	1	1	0	1	1	1
322423	1584.5	0	1574	72.26727		0	1.3	2	1	0	1	1	0	1	1	1
322626	1583.5	0	1574.3	72.07169		0	1.3	2	1	0	1	1	0	1	1	1
322828	1586.3	0	1575	71.82722		0	1.3	2	1	0	1	1	0	1	1	1
323016	1584.3	0	1574	71.63163		0	1.3	2	1	0	1	1	0	1	1	1
323281	1583.8	0	1574.8	71.38716		0	1.3	2	1	0	1	1	0	1	1	1
323484	1584.5	0	1574.5	71.19158		0	1.3	2	1	0	1	1	0	1	1	1
323671	1582	0	1572.5	70.9471		0	1.3	2	1	0	1	1	0	1	1	1
323874	1582	0	1573.5	70.80041		0	1.3	2	1	0	1	1	0	1	1	1
324076	1583.5	0	1573.5	70.55594		0	1.3	2	1	0	1	1	0	1	1	1
324279	1586	0	1574.3	70.36036		0	1.3	2	1	0	1	1	0	1	1	1
324466	1585.3	0	1574.8	70.16478		0	1.3	2	1	0	1	1	0	1	1	1
324685	1585.3	0	1574.8	69.96919		0	1.3	2	1	0	1	1	0	1	1	1
324872	1583	0	1573.8	69.72472		0	1.3	2	1	0	1	1	0	1	1	1
325075	1584.5	0	1574.3	69.57803		0	1.3	2	1	0	1	1	0	1	1	1
325278	1584.5	0	1575	69.38245		0	1.3	2	1	0	1	1	0	1	1	1
325480	1592.3	0	1576.8	69.13797		0	1.3	2	1	0	1	1	0	1	1	1
325668	1589.3	0	1576.3	68.99129		0	1.3	2	1	0	1	1	0	1	1	1
325870	1586.3	0	1576	68.74681		0	1.3	2	1	0	1	1	0	1	1	1
326073	1587	0	1577	68.55123		0	1.3	2	1	0	1	1	0	1	1	1
326276	1587.8	0	1577.3	68.35565		0	1.3	2	1	0	1	1	0	1	1	1
326463	1587.5	0	1577.8	68.20896		0	1.3	2	1	0	1	1	0	1	1	1
326682	1588.5	0	1577.5	68.01338		0	1.3	2	1	0	1	1	0	1	1	1
326916	1587.8	0	1577.5	67.7689		0	1.3	2	1	0	1	1	0	1	1	1
327118	1587.5	0	1577.5	67.57332		0	1.3	2	1	0	1	1	0	1	1	1
327321	1587	0	1577.5	67.42664		0	1.3	2	1	0	1	1	0	1	1	1
327524	1588.5	0	1578.3	67.23106		0	1.3	2	1	0	1	1	0	1	1	1
327727	1589.8	0	1578.3	66.98658		0	1.3	2	1	0	1	1	0	1	1	1
327930	1590.5	0	1578.3	66.83989		0	1.3	2	1	0	1	1	0	1	1	1
328132	1589.8	0	1578	66.64431		0	1.3	2	1	0	1	1	0	1	1	1
328320	1589	0	1577.3	66.44873		0	1.3	2	1	0	1	1	0	1	1	1
328538	1588.3	0	1577.8	66.20425		0	1.3	2	1	0	1	1	0	1	1	1
328725	1587.8	0	1577.5	66.10646		0	1.3	2	1	0	1	1	0	1	1	1
328928	1587.5	0	1577.3	65.86199		0	1.3	2	1	0	1	1	0	1	1	1
329115	1586	0	1576.5	65.7153		0	1.3	2	1	0	1	1	0	1	1	1
329334	1588.5	0	1577.3	65.51972		0	1.3	2	1	0	1	1	0	1	1	1
329521	1586	0	1575.8	65.37303		0	1.3	2	1	0	1	1	0	1	1	1
329724	1585.8	0	1575.3	65.17745		0	1.3	2	1	0	1	1	0	1	1	1
329926	1585.3	0	1574.8	64.98187		0	1.3	2	1	0	1	1	0	1	1	1
330129	1584.5	0	1574	64.78629		0	1.3	2	1	0	1	1	0	1	1	1
330316	1583.5	0	1573.5	64.6396		0	1.3	2	1	0	1	1	0	1	1	1
330582	1584.5	0	1573.5	64.39513		0	1.3	2	1	0	1	1	0	1	1	1
330769	1583.8	0	1573	64.19955		0	1.3	2	1	0	1	1	0	1	1	1
330972	1584.5	0	1574	64.00397		0	1.3	2	1	0	1	1	0	1	1	1
331174	1584.5	0	1574	63.80838		0	1.3	2	1	0	1	1	0	1	1	1
331377	1585	0	1574.5	63.71059		0	1.3	2	1	0	1	1	0	1	1	1
331564	1583	0	1573.8	63.46612		0	1.3	2	1	0	1	1	0	1	1	1
331767	1583.8	0	1574.3	63.27054		0	1.3	2	1	0	1	1	0	1	1	1
331986	1585	0	1574.3	63.12385		0	1.3	2	1	0	1	1	0	1	1	1
332173	1585	0	1574.3	62.92827		0	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
332376	1584.5	0	1573.8	62.73269		0	1.3	2	1	0	1	1	0	1	1	1
332578	1584.3	0	1573.5	62.53711		0	1.3	2	1	0	1	1	0	1	1	1
332781	1584.5	0	1573.3	62.34152		0	1.3	2	1	0	1	1	0	1	1	1
332968	1585.3	0	1573.5	62.19484		0	1.3	2	1	0	1	1	0	1	1	1
333187	1583	0	1571.8	62.04815		0	1.3	2	1	0	1	1	0	1	1	1
333374	1580.3	0	1569.8	61.85257		0	1.3	2	1	0	1	1	0	1	1	1
333577	1580.3	0	1568.8	61.70589		0	1.3	2	1	0	1	1	0	1	1	1
333764	1580.3	0	1569.3	61.5103		0	1.3	2	1	0	1	1	0	1	1	1
333982	1579.8	0	1569	61.36362		0	1.3	2	1	0	1	1	0	1	1	1
334216	1578.3	0	1568	61.11914		0	1.3	2	1	0	1	1	0	1	1	1
334419	1578.3	0	1567.5	60.97246		0	1.3	2	1	0	1	1	0	1	1	1
334622	1577.5	0	1567.8	60.77687		0	1.3	2	1	0	1	1	0	1	1	1
334825	1577.3	0	1567.5	60.58129		0	1.3	2	1	0	1	1	0	1	1	1
335012	1576.8	0	1567	60.38571		0	1.3	2	1	0	1	1	0	1	1	1
335230	1580.5	0	1567.8	60.23903		0	1.3	2	1	0	1	1	0	1	1	1
335418	1578.8	0	1567.8	60.04345		0	1.3	2	1	0	1	1	0	1	1	1
335620	1578	0	1567.3	59.84786		0	1.3	2	1	0	1	1	0	1	1	1
335823	1577.5	0	1567.5	59.70118		0	1.3	2	1	0	1	1	0	1	1	1
336026	1578	0	1566.8	59.55449		0	1.3	2	1	0	1	1	0	1	1	1
336229	1577.3	0	1566.8	59.35891		0	1.3	2	1	0	1	1	0	1	1	1
336416	1578.8	0	1566.8	59.11443		0	1.3	2	1	0	1	1	0	1	1	1
336634	1577.5	0	1566.3	59.01664		0	1.3	2	1	0	1	1	0	1	1	1
336822	1576.8	0	1566	58.77217		0	1.3	2	1	0	1	1	0	1	1	1
337024	1577.3	0	1566.3	58.57659		0	1.3	2	1	0	1	1	0	1	1	1
337227	1577.5	0	1566.5	58.4299		0	1.3	2	1	0	1	1	0	1	1	1
337430	1577.3	0	1566.3	58.28321		0	1.3	2	1	0	1	1	0	1	1	1
337617	1576.8	0	1566.3	58.13653		0	1.3	2	1	0	1	1	0	1	1	1
337882	1578	0	1566.3	57.94095		0	1.3	2	1	0	1	1	0	1	1	1
338070	1577.3	0	1566.5	57.74537		0	1.3	2	1	0	1	1	0	1	1	1
338272	1577.3	0	1565.5	57.54978		0	1.3	2	1	0	1	1	0	1	1	1
338475	1574.8	0	1565	57.4031		0	1.3	2	1	0	1	1	0	1	1	1
338678	1575	0	1565	57.20752		0	1.3	2	1	0	1	1	0	1	1	1
338865	1575.8	0	1565.5	57.01194		0	1.3	2	1	0	1	1	0	1	1	1
339084	1577.3	0	1565.8	56.91415		0	1.3	2	1	0	1	1	0	1	1	1
339271	1576.8	0	1565.5	56.71856		0	1.3	2	1	0	1	1	0	1	1	1
339474	1574	0	1564.5	56.52298		0	1.3	2	1	0	1	1	0	1	1	1
339661	1574.3	0	1564.5	56.3763		0	1.3	2	1	0	1	1	0	1	1	1
339879	1574.8	0	1564.3	56.18072		0	1.3	2	1	0	1	1	0	1	1	1
340066	1576.5	0	1565.3	55.93624		0	1.3	2	1	0	1	1	0	1	1	1
340269	1576.5	0	1565	55.83845		0	1.3	2	1	0	1	1	0	1	1	1
340488	1575.5	0	1565	55.64287		0	1.3	2	1	0	1	1	0	1	1	1
340675	1575.5	0	1565	55.44729		0	1.3	2	1	0	1	1	0	1	1	1
340878	1575	0	1564.8	55.3006		0	1.3	2	1	0	1	1	0	1	1	1
341080	1575.8	0	1564	55.10502		0	1.3	2	1	0	1	1	0	1	1	1
341283	1574	0	1563.8	54.95833		0	1.3	2	1	0	1	1	0	1	1	1
341517	1575	0	1564.3	54.71386		0	1.3	2	1	0	1	1	0	1	1	1
341736	1575.8	0	1564.5	54.51827		0	1.3	2	1	0	1	1	0	1	1	1
341923	1574	0	1563.3	54.37159		0	1.3	2	1	0	1	1	0	1	1	1
342126	1575.5	0	1563.5	54.17601		0	1.3	2	1	0	1	1	0	1	1	1
342313	1574	0	1563.8	54.02932		0	1.3	2	1	0	1	1	0	1	1	1
342531	1574.3	0	1563.8	53.88264		0	1.3	2	1	0	1	1	0	1	1	1
342718	1574.3	0	1564	53.68705		0	1.3	2	1	0	1	1	0	1	1	1
342921	1574.3	0	1564	53.49147		0	1.3	2	1	0	1	1	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
343124	1574.3	0	1564.3	53.34479		0	1.3	2	1	0	1	1	0	1	1	1
343327	1575	0	1563.8	53.14921		0	1.3	2	1	0	1	1	0	1	1	1
343514	1574.3	0	1563.5	53.00252		0	1.3	2	1	0	1	1	0	1	1	1
343732	1573.5	0	1563.3	52.85583		0	1.3	2	1	0	1	1	0	1	1	1
343920	1574.8	0	1563.8	52.66025		0	1.3	2	1	0	1	1	0	1	1	1
344122	1574.8	0	1564	52.41578		0	1.3	2	1	0	1	1	0	1	1	1
344325	1575	0	1564	52.22019		0	1.3	2	1	0	1	1	0	1	1	1
344528	1575	0	1564.5	52.1224		0	1.3	2	1	0	1	1	0	1	1	1
344731	1575.5	0	1564.5	51.92682		0	1.3	2	1	0	1	1	0	1	1	1
344918	1575.5	0	1563.8	51.73124		0	1.3	2	1	0	1	1	0	1	1	1
345183	1574.3	0	1563.8	51.53566		0	1.3	2	1	0	1	1	0	1	1	1
345370	1574.3	0	1563.8	51.29118		0	1.3	2	1	0	1	1	0	1	1	1
345573	1574.3	0	1563.3	51.1445		0	1.3	2	1	0	1	1	0	1	1	1
345776	1573.5	0	1563	50.94892		0	1.3	2	1	0	1	1	0	1	1	1
345979	1574.3	0	1563.3	50.80223		0	1.3	2	1	0	1	1	0	1	1	1
346166	1574.8	0	1563.5	50.60665		0	1.3	2	1	0	1	1	0	1	1	1
346384	1572.5	0	1562.5	50.45996		0	1.3	2	1	0	1	1	0	1	1	1
346572	1574.8	0	1563.5	50.21549		0	1.3	2	1	0	1	1	0	1	1	1
346774	1575.5	0	1563	50.0688		0	1.3	2	1	0	1	1	0	1	1	1
346962	1574.3	0	1563.3	49.87322		0	1.3	2	1	0	1	1	0	1	1	1
347180	1573.5	0	1562.8	49.72653		0	1.3	2	1	0	1	1	0	1	1	1
347367	1573.3	0	1563	49.53095		0	1.3	2	1	0	1	1	0	1	1	1
347570	1574	0	1563	49.33537		0	1.3	2	1	0	1	1	0	1	1	1
347773	1574	0	1563	49.13979		0	1.3	2	1	0	1	1	0	1	1	1
347976	1574.8	0	1563.5	48.9931		0	1.3	2	1	0	1	1	0	1	1	1
348163	1573.5	0	1563	48.84642		0	1.3	2	1	0	1	1	0	1	1	1
348381	1574	0	1563.3	48.60194		0	1.3	2	1	0	1	1	0	1	1	1
348584	1574	0	1564	48.40636		0	1.3	2	1	0	1	1	0	1	1	1
348818	1574.3	0	1563.8	48.25967		0	1.3	2	1	0	1	1	0	1	1	1
349036	1574.8	0	1564	48.06409		0	1.3	2	1	0	1	1	0	1	1	1
349224	1575.8	0	1564	47.86851		0	1.3	2	1	0	1	1	0	1	1	1
349426	1574	0	1563	47.67293		0	1.3	2	1	0	1	1	0	1	1	1
349629	1574.3	0	1563.5	47.52624		0	1.3	2	1	0	1	1	0	1	1	1
349832	1573.3	0	1563	47.33066		0	1.3	2	1	0	1	1	0	1	1	1
350019	1574.3	0	1563.3	47.13508		0	1.3	2	1	0	1	1	0	1	1	1
350222	1574.8	0	1563.8	46.9395		0	1.3	2	1	0	1	1	0	1	1	1
350425	1573.3	0	1563.3	46.74392		0	1.3	2	1	0	1	1	0	1	1	1
350628	1574.3	0	1563.3	46.59723		0	1.3	2	1	0	1	1	0	1	1	1
350815	1574	0	1562.8	46.45055		0	1.3	2	1	0	1	1	0	1	1	1
351033	1574	0	1563	46.25497		0	1.3	2	1	0	1	1	0	1	1	1
351220	1577.3	0	1566.3	46.10828		0	1.3	2	1	0	1	1	0	1	1	1
351423	1579.5	0	1568	45.8638		0	1.3	2	1	0	1	1	0	1	1	1
351626	1583	0	1571	45.66822		0	1.3	2	1	0	1	1	0	1	1	1
351829	1585	0	1574	45.52154		0	1.3	2	1	0	1	1	0	1	1	1
352016	1586.8	0	1576	45.32596		0	1.3	2	1	0	1	1	0	1	1	1
352219	1587.8	0	1577	45.22817		0	1.3	2	1	0	1	0	0	1	1	1
352484	1586.3	0	1575.8	44.93479		0	1.3	2	1	0	1	0	0	1	1	1
352671	1586.3	0	1576.3	44.78811		0	1.3	2	1	0	1	0	0	1	1	1
352874	1587	0	1576.3	44.54363		0	1.3	2	1	0	1	0	0	1	1	1
353077	1586.3	0	1576	44.39694		0	1.3	2	1	0	1	0	0	1	1	1
353280	1587.5	0	1576.3	44.20136		0	1.3	2	1	0	1	0	0	1	1	1
353467	1587	0	1577.3	44.05468		0	1.3	2	1	0	1	0	0	1	1	1
353685	1587	0	1576.8	43.8591		0	1.3	2	1	0	1	0	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
353873	1589	0	1577.8	43.66352		0	1.3	2	1	0	1	0	0	1	1	1
354075	1587.5	0	1577.3	43.46793		0	1.3	2	1	0	1	0	0	1	1	1
354278	1588.3	0	1577.5	43.32125		0	1.3	2	1	0	1	0	0	1	1	1
354481	1587.8	0	1577	43.12567		0	1.3	2	1	0	1	0	0	1	1	1
354668	1587.8	0	1577.3	42.93009		0	1.3	2	1	0	1	0	0	1	1	1
354871	1588.3	0	1578	42.7345		0	1.3	2	1	0	1	0	0	1	1	1
355074	1588.5	0	1577.5	42.58782		0	1.3	2	1	0	1	0	0	1	1	1
355277	1587.5	0	1577	42.39224		0	1.3	2	1	0	1	0	0	1	1	1
355464	1587.5	0	1577.5	42.24555		0	1.3	2	1	0	1	0	0	1	1	1
355682	1587.8	0	1577.8	42.04997		0	1.3	2	1	0	1	0	0	1	1	1
355869	1588.3	0	1578	41.80549		0	1.3	2	1	0	1	0	0	1	1	1
356119	1589.8	0	1578	41.60991		0	1.3	2	1	0	1	0	0	1	1	1
356337	1589.8	0	1578	41.41433		0	1.3	2	1	0	1	0	0	1	1	1
356525	1588.3	0	1577.5	41.26764		0	1.3	2	1	0	1	0	0	1	1	1
356727	1587.8	0	1577.3	41.12096		0	1.3	2	1	0	1	0	0	1	1	1
356930	1587.8	0	1577.5	40.92538		0	1.3	2	1	0	1	0	0	1	1	1
357133	1589	0	1578	40.7298		0	1.3	2	1	0	1	0	0	1	1	1
357320	1589	0	1577.8	40.53422		0	1.3	2	1	0	1	0	0	1	1	1
357539	1588.5	0	1578.5	40.38753		0	1.3	2	1	0	1	0	0	1	1	1
357726	1589.3	0	1577.5	40.19195		0	1.3	2	1	0	1	0	0	1	0	1
357929	1589	0	1578	39.99637		0	1.3	2	1	0	1	0	0	1	0	1
358116	1589.3	0	1578.3	39.80079		0	1.3	2	1	0	1	0	0	1	0	1
358334	1589	0	1578.8	39.6052		0	1.3	2	1	0	1	0	0	1	0	1
358521	1589.3	0	1578.8	39.36073		0	1.3	2	1	0	1	0	0	1	0	1
358724	1589	0	1578.5	39.06736		0	1.3	2	1	0	1	0	0	1	0	1
358927	1588.5	0	1578.3	38.77398		0	1.3	2	1	0	1	0	0	1	0	1
359130	1588.3	0	1579.3	38.48061		0	1.3	2	1	0	1	0	0	1	0	1
359317	1589	0	1579	38.18724		0	1.3	2	1	0	1	0	0	1	0	1
359582	1588.3	0	1579.5	37.79608		0	1.3	2	1	0	1	0	0	1	0	1
359785	1587.5	0	1579.5	37.50271		0	1.3	2	1	0	1	0	0	1	0	1
359972	1588.3	0	1578.5	37.20933		0	1.3	2	1	0	1	0	0	1	0	1
360191	1587.5	0	1578.3	36.91596		0	1.3	2	1	0	1	0	0	1	0	1
360378	1587.5	0	1578.5	36.62259		0	1.3	2	1	0	1	0	0	1	0	1
360581	1587.5	0	1578.8	36.32922		0	1.3	2	1	0	1	0	0	1	0	1
360768	1587.5	0	1579	35.98695		0	1.3	2	1	0	1	0	0	1	0	1
360986	1587	0	1578.8	35.69358		0	1.3	2	1	0	1	0	0	1	0	1
361173	1587	0	1578.5	35.40021		0	1.3	2	1	0	1	0	0	1	0	1
361376	1587	0	1578.8	35.05794		0	1.3	2	1	0	1	0	0	1	0	1
361579	1587	0	1579.3	34.81346		0	1.3	2	1	0	1	0	0	1	0	1
361782	1587	0	1580	34.4712		0	1.3	2	1	0	1	0	0	1	0	1
361969	1587	0	1579.3	34.12893		0	1.3	2	1	0	1	0	0	1	0	1
362187	1587	0	1578.8	33.83556		0	1.3	2	1	0	1	0	0	1	0	1
362375	1586.8	0	1579.3	33.54219		0	1.3	2	1	0	1	0	0	1	0	1
362577	1586.3	0	1578.5	33.19992		0	1.3	2	1	0	1	0	0	1	0	1
362765	1586.8	0	1579	32.85765		0	1.3	2	1	0	1	0	0	1	0	1
362983	1586	0	1578.5	32.56428		0	1.3	2	1	0	1	0	0	1	0	1
363217	1586	0	1579	32.17312		0	1.3	2	1	0	1	0	0	1	0	1
363420	1586	0	1579	31.87974		0	1.3	2	1	0	1	0	0	1	0	1
363623	1586.3	0	1578.8	31.58637		0	1.3	2	1	0	1	0	0	1	0	1
363825	1586	0	1578.5	31.24411		0	1.3	2	1	0	1	0	0	1	0	1
364013	1585.8	0	1579.5	30.95073		0	1.3	2	1	0	1	0	0	1	0	1
364231	1586	0	1578.8	30.55957		0	1.3	2	1	0	1	0	0	1	0	1
364434	1585.3	0	1579.8	30.2662		0	1.3	2	1	0	1	0	0	1	0	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
364621	1585.3	0	1579.3	29.97283		0	1.3	2	1	0	1	0	0	1	0	1
364839	1585	0	1579.3	29.63056		0	1.3	2	1	0	1	0	0	1	0	1
365027	1585.3	0	1579.5	29.33719		0	1.3	2	1	0	1	0	0	1	0	1
365229	1585.3	0	1578.5	29.04382		0	1.3	2	1	0	1	0	0	1	0	1
365432	1585	0	1579.5	28.70155		0	1.3	2	1	0	1	0	0	1	0	1
365635	1585	0	1579.3	28.35928		0	1.3	2	1	0	1	0	0	1	0	1
365822	1585	0	1579.8	28.06591		0	1.3	2	1	0	1	0	0	1	0	1
366025	1584.3	0	1580	27.72364		0	1.3	2	1	0	1	0	0	1	0	1
366228	1584.5	0	1579.8	27.33248		0	1.3	2	1	0	1	0	0	1	0	1
366431	1584.3	0	1580	27.088		0	1.3	2	1	0	1	0	0	1	0	1
366618	1584.3	0	1579.3	26.74574		0	1.3	2	1	0	1	0	0	1	0	1
366883	1584.5	0	1579.3	26.35457		0	1.3	2	1	0	1	0	0	1	0	1
367070	1583.8	0	1580	25.96341		0	1.3	2	1	0	1	0	0	1	0	1
367273	1584.3	0	1580.3	25.67004		0	1.3	2	1	0	1	0	0	1	0	1
367476	1583.5	0	1580.5	25.32777		0	1.3	2	1	0	1	0	0	1	0	1
367679	1583.5	0	1580.3	24.98551		0	1.3	2	1	0	1	0	0	1	0	1
367866	1583.8	0	1580.3	24.64324		0	1.3	2	1	0	1	0	0	1	0	1
368084	1583.5	0	1580	24.30097		0	1.3	2	1	0	1	0	0	1	0	1
368271	1583	0	1580	23.9587		0	1.3	2	1	0	1	0	0	1	0	1
368474	1583	0	1580.3	23.61644		0	1.3	2	1	0	1	0	0	1	0	1
368677	1583.5	0	1580.8	23.27417		0	1.3	2	1	0	1	0	0	1	0	1
368880	1583	0	1580.5	22.9319		0	1.3	2	1	0	1	0	0	1	0	1
369083	1583	0	1580.8	22.58963		0	1.3	2	1	0	1	0	0	1	0	1
369270	1583	0	1580.5	22.24737		0	1.3	2	1	0	1	0	0	1	0	1
369488	1583	0	1580.3	21.9051		0	1.3	2	1	0	1	0	0	1	0	1
369675	1582.8	0	1580	21.51394		0	1.3	2	1	0	1	0	0	1	0	1
369878	1582.8	0	1580.3	21.17167		0	1.3	2	1	0	1	0	0	1	0	1
370081	1582.8	0	1580.5	20.78051		0	1.3	2	1	0	1	0	0	1	0	1
370284	1582	0	1580	20.43824		0	1.3	2	1	0	1	0	0	1	0	1
370518	1581.5	0	1579.5	19.94929		0	1.3	2	1	0	1	0	0	1	0	1
370736	1582	0	1580	19.60702		0	1.3	2	1	0	1	0	0	1	0	1
370923	1582.3	0	1580.5	19.21586		0	1.3	2	1	0	1	0	0	1	0	1
371126	1581.5	0	1580.3	18.87359		0	1.3	2	1	0	1	0	0	1	0	1
371313	1581.5	0	1580.5	18.48243		0	1.3	2	1	0	1	0	0	1	0	1
371532	1581.5	0	1580.8	18.09127		0	1.3	2	1	0	1	0	0	1	0	1
371719	1581.5	0	1581	17.7001		0	1.3	2	1	0	1	0	0	1	0	1
371922	1581.3	0	1581.3	17.30894		0	1.3	2	1	0	1	0	0	1	0	1
372125	1581.3	0	1581	16.91778		0	1.3	2	1	0	1	0	0	1	0	1
372327	1581.3	0	1581	16.52662		0	1.3	2	1	0	1	0	0	1	0	1
372530	1581.3	0	1580.8	16.13545		0	1.3	2	1	0	1	0	0	1	0	1
372733	1580.5	0	1581.5	15.6954		0	1.3	2	1	0	1	0	0	1	0	1
372936	1580.8	0	1581.5	15.30423		0	1.3	2	1	0	1	0	0	1	0	1
373123	1580.3	0	1581.5	14.86418		0	1.3	2	1	0	1	0	0	1	0	1
373326	1580.3	0	1581.5	14.47301		0	1.3	2	1	0	1	0	0	1	0	1
373529	1580.3	0	1580.8	14.03296		0	1.3	2	1	0	1	0	0	1	0	1
373731	1580.3	0	1581	13.5929		0	1.3	2	1	0	1	0	0	1	0	1
373919	1580.5	0	1581.3	13.15284		0	1.3	2	1	0	1	0	0	1	0	1
374184	1579.8	0	1581.5	12.61499		0	1.3	2	1	0	1	0	0	1	0	1
374371	1579.8	0	1581.8	12.17493		0	1.3	2	1	0	1	0	0	1	0	1
374574	1579.8	0	1581.8	11.68598		0	1.3	2	1	0	1	0	0	1	0	1
374777	1580.3	0	1580.5	11.19703		0	1.3	2	1	0	1	0	0	1	0	1
374979	1579.5	0	1581	10.75697		0	1.3	2	1	0	1	0	0	1	0	1
375167	1579	0	1582	10.26802		0	1.3	2	1	0	1	0	0	1	0	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
375385	1579	0	1581.8	9.730167		0	1.3	2	1	0	1	0	0	1	0	1
375572	1579	0	1582	9.241214		0	1.3	2	1	0	1	0	0	1	0	1
375775	1579	0	1581.5	8.703366		0	1.3	2	1	0	1	0	0	1	0	1
375962	1579	0	1581.5	8.165517		0	1.3	2	1	0	1	0	0	1	0	1
376181	1578.8	0	1582.5	7.627669		0	1.3	2	1	0	1	0	0	1	0	1
376368	1579	0	1581.5	7.08982		0	1.3	2	1	0	1	0	0	1	0	1
376571	1578.8	0	1582	6.503077		0	1.3	2	1	0	1	0	0	1	0	1
376773	1578.8	0	1582.3	5.916333		0	1.3	2	1	0	1	0	0	1	0	1
376976	1578.8	0	1582.8	5.329589		0	1.3	2	1	0	1	0	0	1	0	1
377179	1578.8	0	1582.3	4.69395		0	1.3	2	1	0	1	0	0	1	0	1
377382	1578.3	0	1581.5	4.009416		0	1.3	2	1	0	1	0	0	1	0	1
377585	1578.3	0	1581.3	3.324881		0	1.3	2	1	0	1	0	0	1	0	1
377819	1578.3	0	1581.3	2.444766		0	1.3	2	1	0	1	0	0	1	0	1
378037	1578	0	1579.8	1.662441		0	1.3	2	1	0	1	0	0	1	0	1
378224	1577.5	0	1577.3	0.929011		0	1.3	2	1	0	1	0	0	1	0	1
378427	1577.5	0	1574.8	0.244477		0	1.3	2	1	0	1	0	0	1	0	1
378630	1577.3	0	1571.3	0.244477		0	1.3	2	1	0	1	0	0	1	0	1
378833	1578	0	1568.8	0.244477		0	1.3	2	1	0	1	0	0	1	0	1
379020	1577.3	0	1565.3	0.244477		0	1.3	2	1	0	1	0	0	1	0	1
379223	1577.3	0	1563.8	0.244477		0	1.3	2	1	0	0	0	0	1	0	1
379425	1577.5	0	1563	0		0	1.3	2	1	0	0	0	0	1	0	1
379628	1577.3	0	1563	0		0	1.3	2	1	0	0	0	0	1	0	1
379815	1577.3	0	1563.8	0		0	1.3	2	1	0	0	0	0	1	0	1
380034	1577.3	0	1563.5	0		0	1.3	2	1	0	0	0	0	1	0	1
380221	1576.8	0	1562.8	0		0	1.3	2	1	0	0	0	0	1	0	1
380424	1576.5	0	1563	0		0	1.3	2	1	0	0	0	0	1	0	1
380627	1576.5	0	1563	0		0	1.3	2	1	0	0	0	0	1	0	1
380829	1576.8	0	1563	0		0	1.3	2	1	0	0	0	0	1	0	1
381017	1576	0	1563	0		0	1.3	2	1	0	0	0	0	1	0	1
381219	1576	0	1563.3	0		0	1.3	2	1	0	0	0	0	1	0	1
381485	1575.8	0	1564	0		0	1.3	2	1	0	0	0	0	1	0	1
381672	1575.8	0	1563.8	0		0	1.3	2	1	0	0	0	0	1	0	1
381875	1574.8	0	1563.5	0		0	1.3	2	1	0	0	0	0	1	0	1
382077	1576	0	1564.5	0		0	1.3	2	1	0	0	0	0	1	0	1
382280	1575.5	0	1564.3	0		0	1.3	2	1	0	0	0	0	1	0	1
382467	1575.5	0	1564.5	0		0	1.3	2	1	0	0	0	0	1	0	1
382686	1575	0	1564.5	0		0	1.3	2	1	0	0	0	0	1	0	1
382873	1575.5	0	1564.5	0		0	1.3	2	1	0	0	0	0	1	1	1
383076	1575.5	0	1564.5	0		0	1.3	2	1	0	0	0	0	1	0	1
383279	1574.8	0	1563.5	0		0	1.3	2	1	0	0	0	0	1	0	1
383482	1574.8	0	1562.3	0		0	1.3	2	1	0	0	0	0	1	0	1
383669	1575	0	1561.8	0		0	1.3	2	1	0	0	0	0	1	0	1
383872	1574.8	0	1562	0		0	1.3	2	1	0	0	0	0	1	0	1
384074	1574.3	0	1561.8	0		0	1.3	2	1	0	0	0	0	1	0	1
384277	1574.3	0	1561.8	0		0	1.3	2	1	0	0	0	0	1	0	1
384464	1574.3	0	1561.3	0		0	1.3	2	1	0	0	0	0	1	0	1
384683	1574.3	0	1561	0		0	1.3	2	1	0	0	0	0	1	0	1
384870	1574.3	0	1561	0		0	1.3	2	1	0	0	0	0	1	0	1
385120	1574.3	0	1561.5	0		0	1.3	2	1	0	0	0	0	1	0	1
385338	1573.5	0	1561.5	0		0	1.3	2	1	0	0	0	0	1	0	1
385525	1574	0	1561.8	0		0	1.3	2	1	0	0	0	0	1	0	1
385728	1573.5	0	1561.8	0		0	1.3	2	1	0	0	0	0	1	0	1
385931	1573.5	0	1561.5	0		0	1.3	2	1	0	0	0	0	1	0	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
386134	1573.5	0	1561.5	0		0	1.3	2	1	0	0	0	0	1	0	1
386321	1573.5	0	1561	0		0	1.3	2	1	0	0	0	0	1	0	1
386524	1572.8	0	1561.5	0		0	1.3	2	1	0	0	0	0	1	0	1
386726	1572.8	0	1561.5	0		0	1.3	2	1	0	0	0	0	1	0	1
386929	1573.3	0	1561.8	0		0	1.3	2	1	0	0	0	0	1	0	1
387116	1573.5	0	1561.3	0		0	1.3	2	1	0	0	0	0	1	0	1
387335	1572.8	0	1561.8	0		0	1.3	2	1	0	0	0	0	1	0	1
387522	1572.8	0	1561.5	0		0	1.3	2	1	0	0	0	0	1	0	1
387725	1572.8	0	1561.8	0		0	1.3	2	1	0	0	0	0	1	0	1
387928	1572.5	0	1562	0		0	1.3	2	1	0	0	0	0	1	0	1
388130	1572.8	0	1562.3	0		0	1.3	2	1	0	0	0	0	1	0	1
388318	1572	0	1562.3	0		0	1.3	2	1	0	0	0	0	1	0	1
388536	1571.8	0	1562.3	0		0	1.3	2	1	0	0	0	0	1	0	1
388786	1571.3	0	1561.3	0		0	1.3	2	1	0	0	0	0	1	0	1
388973	1571.8	0	1561.5	0		0.1	1.3	2	1	0	0	0	0	1	1	1
389191	1571.3	0	1561.5	0		1.9	1.3	2	1	0	0	0	0	1	1	1
389378	1571.8	0	1561.5	0		4.5	1.3	2	1	0	0	0	0	1	1	1
389581	1571.8	0	1561.8	0	EMERGENCY	6.3	1.3	2	1	0	0	0	0	1	1	1
389768	1571.8	0	1562	0	EMERGENCY	7.4	1.3	2	1	0	0	0	0	1	1	1
389987	1571.3	0	1562	0	FULL SERVICE	8.2	1.3	2	1	0	0	0	0	1	1	1
390174	1570.5	0	1562	0	FULL SERVICE	8.7	1.3	2	1	0	0	0	0	1	1	1
390377	1570.3	0	1561	0	FULL SERVICE	9	1.3	2	1	0	0	0	0	1	1	1
390580	1571	0	1561.3	0	FULL SERVICE	9.2	1.3	2	1	0	0	0	0	1	1	1
390782	1571.3	0	1562.3	0	FULL SERVICE	9.4	1.3	2	1	0	0	0	0	1	1	1
390970	1571	0	1562	0	FULL SERVICE	9.5	1.3	2	1	0	0	0	0	1	1	1
391188	1570.5	0	1562.3	0	FULL SERVICE	9.5	1.3	2	0	0	0	0	0	1	1	1
391375	1570.3	0	1562.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
391578	1570.5	0	1562.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
391765	1570.3	0	1562	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
391984	1570.3	0	1562	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
392171	1570	0	1562.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
392420	1570	0	1562.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
392639	1570	0	1562.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
392826	1570	0	1561.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
393029	1570	0	1562	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
393232	1569.5	0	1562.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
393434	1569.5	0	1562.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
393622	1569.5	0	1563	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
393840	1569.3	0	1562.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
394027	1568.8	0	1562.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
394230	1568.8	0	1562.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
394417	1568.5	0	1563.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
394636	1568.5	0	1563.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
394823	1568.5	0	1567.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
395026	1568.5	0	1571.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
395228	1568.5	0	1575.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
395431	1568.5	0	1578.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
395618	1568.5	0	1580	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
395837	1568	0	1582.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
396071	1568	0	1583.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
396274	1567.8	0	1583.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
396476	1567.3	0	1584.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
396679	1567.8	0	1585	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
396882	1567	0	1585	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
397069	1567	0	1585	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
397288	1567.3	0	1585.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
397475	1567.3	0	1585.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
397678	1566.5	0	1585	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
397880	1567	0	1585	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
398083	1567	0	1584.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
398270	1567	0	1584.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
398489	1567	0	1584.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
398676	1567	0	1584.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
398879	1566.5	0	1585	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
399082	1566.5	0	1585	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
399284	1565.8	0	1584.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
399472	1565.8	0	1584.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
399737	1565.8	0	1584.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
399924	1565.3	0	1585	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
400127	1565.8	0	1585.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
400314	1565.8	0	1585.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
400532	1565.5	0	1585	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
400720	1565.5	0	1584.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
400922	1565.3	0	1584.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
401141	1565.3	0	1585	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
401328	1565.3	0	1584.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
401531	1565.3	0	1584.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
401734	1564.5	0	1586	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
401936	1565.5	0	1587.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
402124	1565.3	0	1589.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
402326	1564.5	0	1589.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
402529	1564	0	1589.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
402732	1564	0	1589.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
402919	1564	0	1589.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
403184	1564	0	1589.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
403372	1564	0	1589	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
403574	1563.8	0	1588.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
403777	1564	0	1586.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
403980	1563.8	0	1588.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
404167	1564	0	1589.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
404386	1563.3	0	1595.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
404573	1563	0	1612.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
404776	1563	0	1623	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
404963	1563	0	1628.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
405181	1562.5	0	1632.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
405384	1562.5	0	1634	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
405571	1562.5	0	1634.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
405790	1562.5	0	1635.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
405977	1562.5	0	1636	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
406180	1562.3	0	1636.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
406382	1562.3	0	1636.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
406585	1562.5	0	1635.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
406819	1561.8	0	1636	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
407038	1561.5	0	1636.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
407225	1561.5	0	1637.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
407428	1561.8	0	1638.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
407630	1561.5	0	1639.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
407833	1561.8	0	1640.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
408020	1561	0	1642	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
408223	1561	0	1643.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
408426	1561	0	1643	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
408629	1561	0	1643.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
408816	1561	0	1644.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
409034	1560.8	0	1645	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
409222	1560.8	0	1645	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
409424	1560.8	0	1644.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
409643	1561	0	1645.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
409830	1560.8	0	1645	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
410033	1560.3	0	1644.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
410220	1560.3	0	1644.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
410485	1559.8	0	1642.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
410672	1560	0	1643	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
410875	1559.8	0	1643.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
411078	1559.8	0	1642	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
411281	1559.8	0	1641	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
411468	1559.8	0	1641.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
411686	1559.8	0	1641.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
411874	1559.8	0	1641	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
412076	1559.3	0	1641	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
412279	1559.3	0	1641.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
412482	1559	0	1642.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
412669	1558.5	0	1643	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
412872	1558.5	0	1643	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
413075	1558.3	0	1643.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
413278	1558.5	0	1644	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
413465	1558.3	0	1644.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
413683	1558.3	0	1645.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
413886	1557.8	0	1644.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
414120	1558.3	0	1644.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
414339	1557.8	0	1643.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
414526	1557.8	0	1641.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
414729	1557.5	0	1639.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
414931	1557.8	0	1639.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
415134	1557.8	0	1637.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
415321	1557.5	0	1636.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
415524	1557.5	0	1636.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
415727	1556.8	0	1636.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
415930	1557	0	1636	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
416117	1557	0	1635.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
416335	1556.3	0	1635.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
416523	1556.8	0	1635.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
416725	1556.3	0	1636.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
416928	1556.8	0	1635.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
417131	1556.8	0	1636.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
417318	1556.3	0	1636.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
417537	1556	0	1636.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
417786	1556	0	1636	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
417973	1556	0	1635.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
418192	1556.3	0	1635	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
418379	1555.5	0	1635.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
418582	1555.3	0	1634.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
418769	1555.3	0	1635	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
418987	1555.5	0	1637.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
419175	1555.3	0	1644.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
419377	1555.3	0	1653.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
419580	1554.8	0	1663	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
419783	1555.3	0	1677	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
419970	1554.8	0	1686.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
420189	1554.5	0	1688.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
420376	1555.3	0	1689	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
420579	1554.5	0	1689.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
420766	1554.3	0	1688.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
420984	1554.3	0	1688.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
421171	1553.8	0	1689	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
421421	1553.8	0	1689	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
421639	1554.3	0	1689.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
421827	1554.3	0	1690.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
422029	1554.3	0	1690.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
422232	1553.8	0	1691.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
422435	1553.5	0	1692.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
422622	1553.5	0	1693.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
422841	1553	0	1693	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
423028	1552.8	0	1693.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
423231	1553.8	0	1692.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
423418	1553	0	1691.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
423636	1552.8	0	1691.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
423823	1552.3	0	1691	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
424026	1552.8	0	1690.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
424229	1553	0	1690.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
424432	1552.8	0	1690	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
424619	1552.3	0	1690.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
424837	1552.3	0	1691	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
425087	1552.3	0	1690.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
425274	1552.3	0	1691.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
425493	1551.5	0	1692	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
425680	1552	0	1693	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
425883	1550.8	0	1692.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
426085	1552	0	1692.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
426288	1551.5	0	1692.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
426475	1551.3	0	1692.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
426678	1550.8	0	1692.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
426881	1551.3	0	1691.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
427084	1550.5	0	1691	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
427271	1550.8	0	1691	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
427489	1551.3	0	1691	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
427677	1550.8	0	1691	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
427879	1550.8	0	1691.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
428082	1550	0	1691.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
428285	1550.5	0	1691.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
428472	1550.5	0	1691.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
428737	1550.5	0	1691.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
428925	1550	0	1691.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1

Time (ms)	EFC (V)	IM (A)	ES (V)	SPEED (Mph)	THROTTLE (position)	VRD (%)	MXA_LR (m/h/s)	MXA_LP (m/h/s)	F	R	B	P	LRM	DBCUT	EB	HSCB
429127	1549.8	0	1690	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
429315	1549.8	0	1689.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
429533	1548.3	0	1689.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
429736	1549.5	0	1688.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
429923	1549.5	0	1688	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
430141	1549.5	0	1687.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
430329	1549.5	0	1686.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
430531	1549	0	1686.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
430734	1549.5	0	1686.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
430937	1548.8	0	1686.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
431124	1548.8	0	1686.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
431327	1548.8	0	1686.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
431530	1549	0	1687.5	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
431733	1547.3	0	1687.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
431920	1548.8	0	1688	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
432138	1548.3	0	1686	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
432372	1548.3	0	1683.3	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1
432575	1548	0	1682.8	0	FULL SERVICE	9.6	1.3	2	0	0	0	0	0	1	1	1