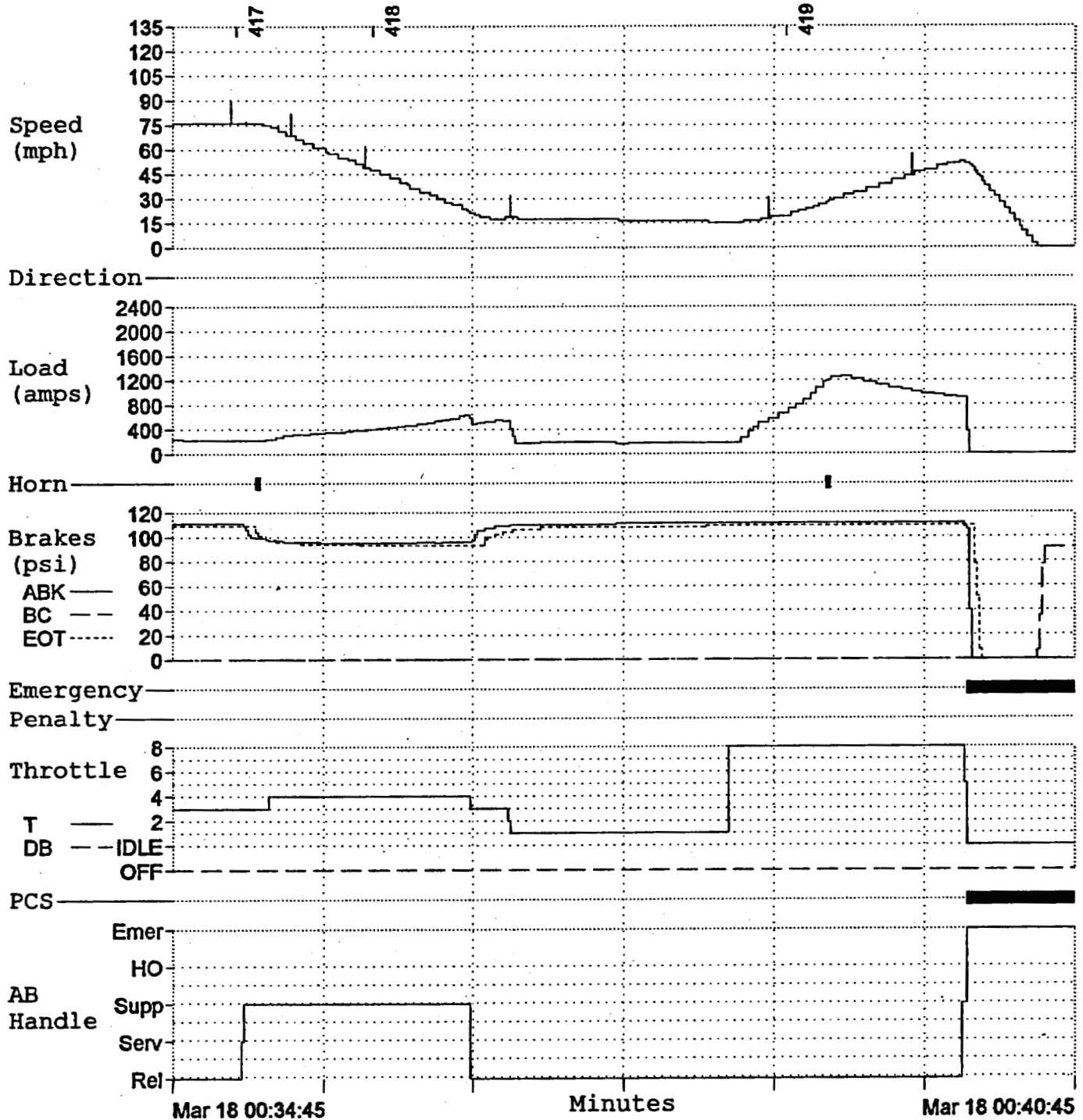


Attachment I
Graphical and Tabular Data

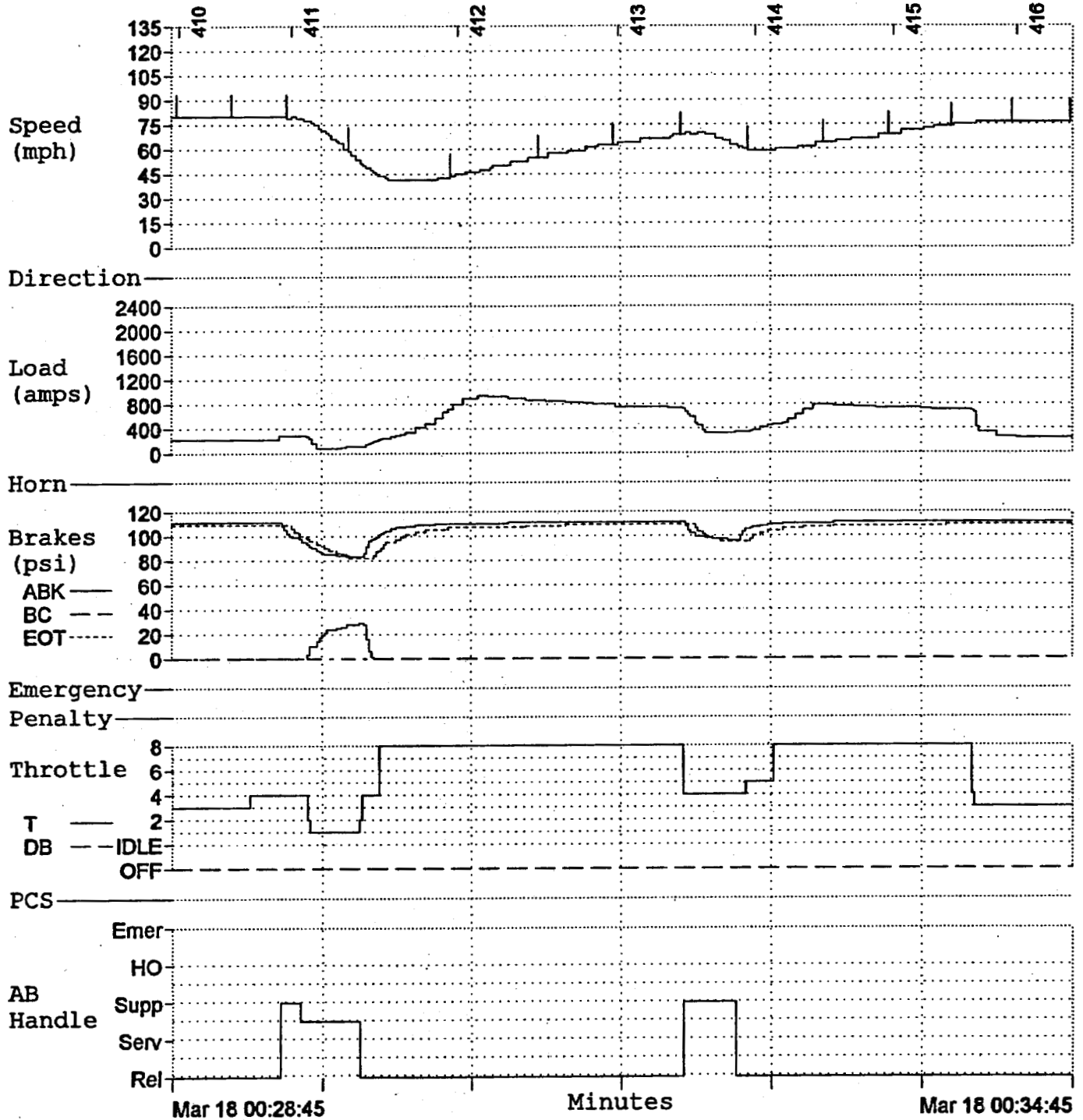
Location: Nodaway, Iowa
Remarks: DCA01MR003, Lead Locomotive

Railroad AM
Loco Num 140



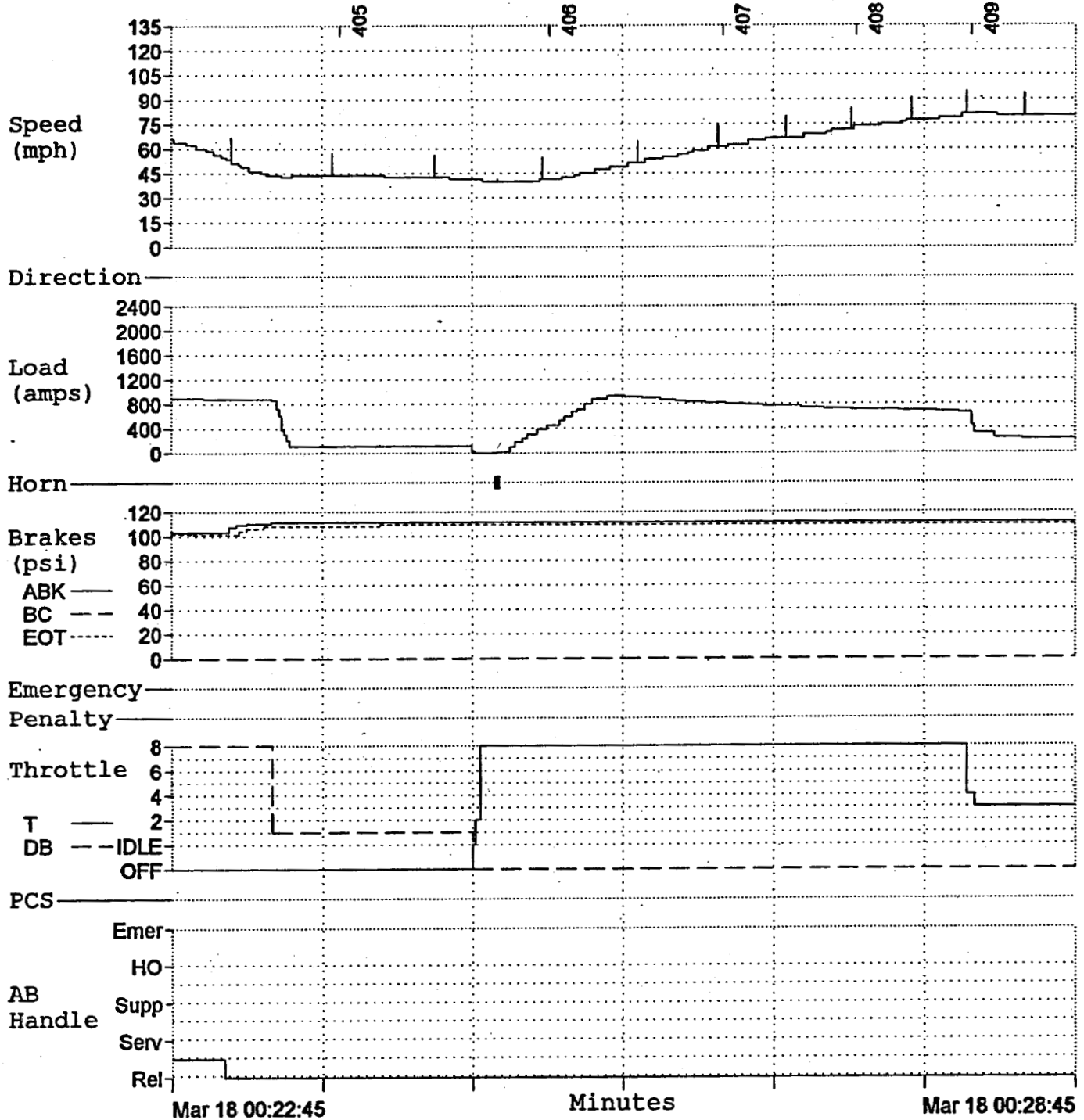
Location: Nodaway, Iowa
Remarks: DCA01MR003, Lead Locomotive

Railroad AM
Loco Num 140



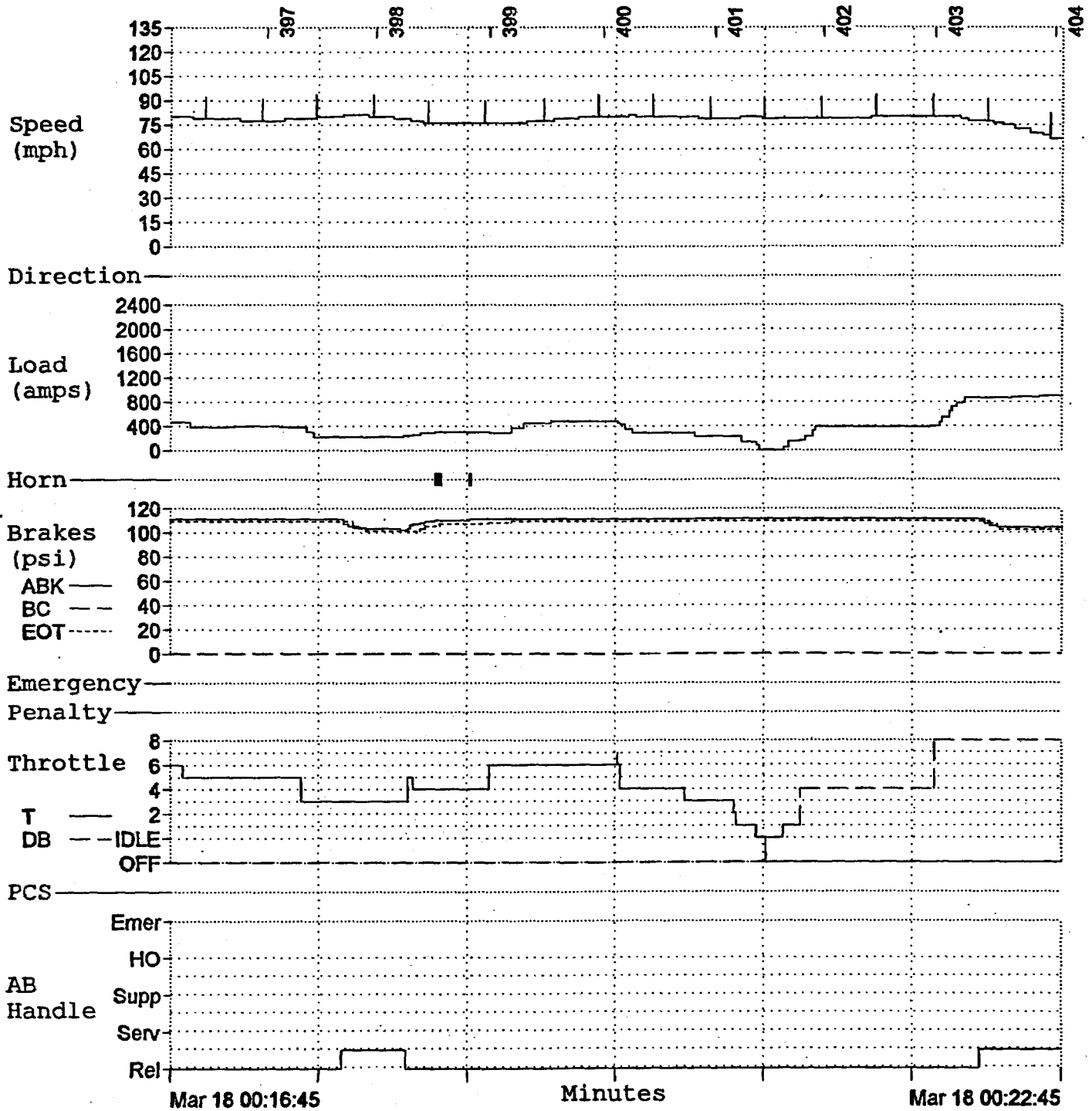
Location: Nodaway, Iowa
Remarks: DCA01MR003, Lead Locomotive

Railroad AM
Loco Num 140



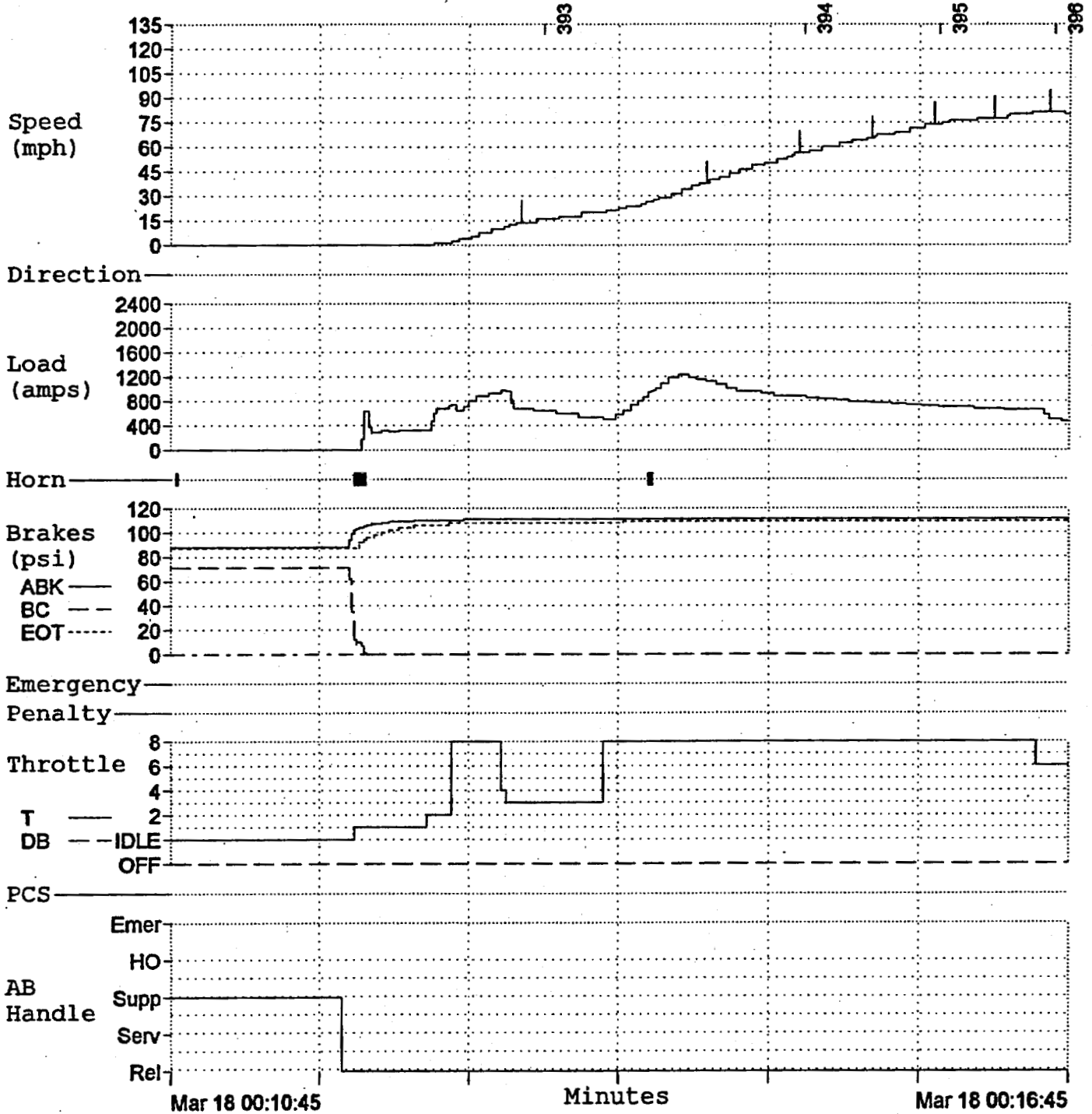
Location: Nodaway, Iowa
Remarks: DCA01MR003, Lead Locomotive

Railroad AM
Loco Num 140



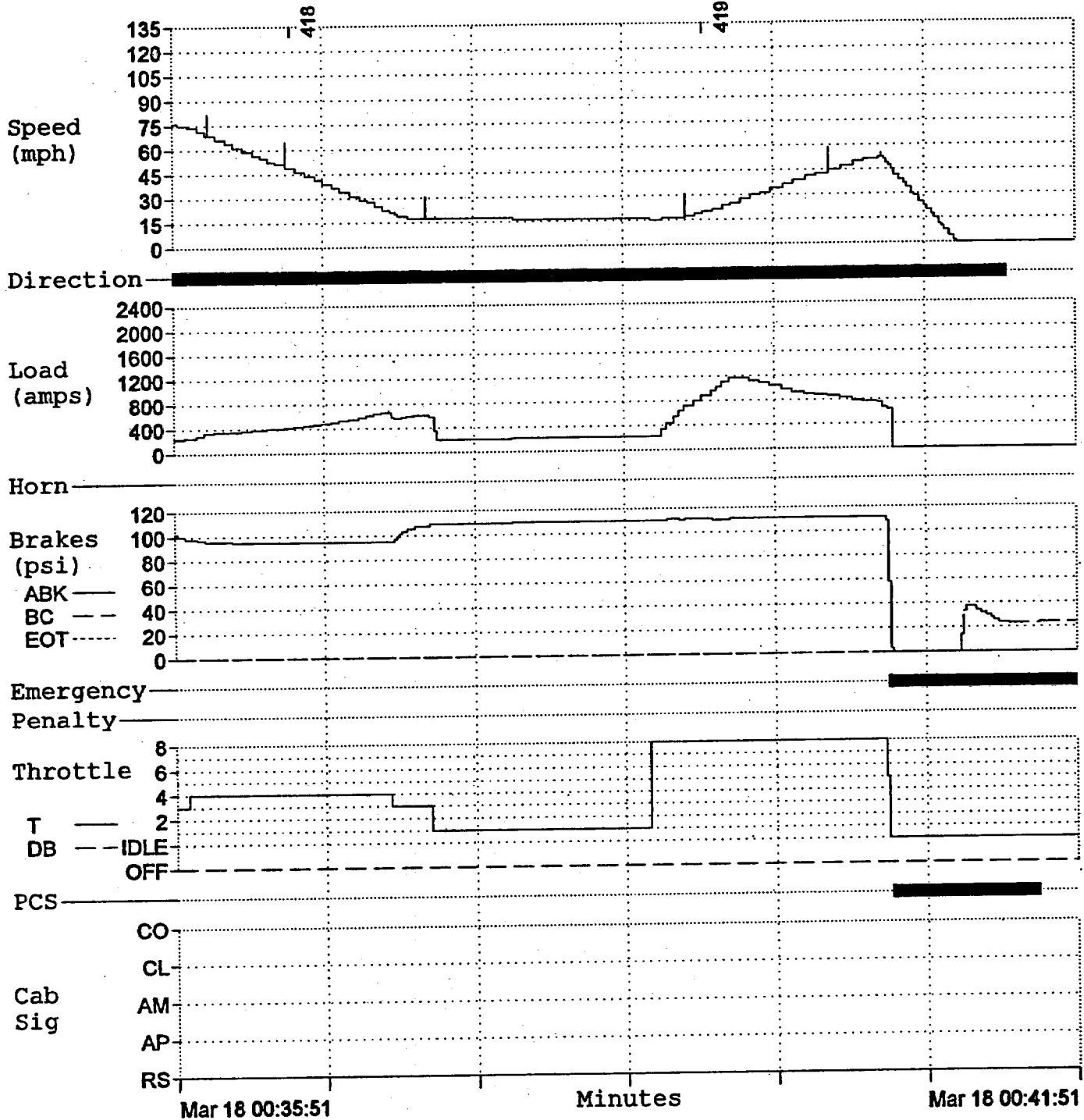
Location: Nodaway, Iowa
Remarks: DCA01MR003, Lead Locomotive

Railroad AM
Loco Num 140



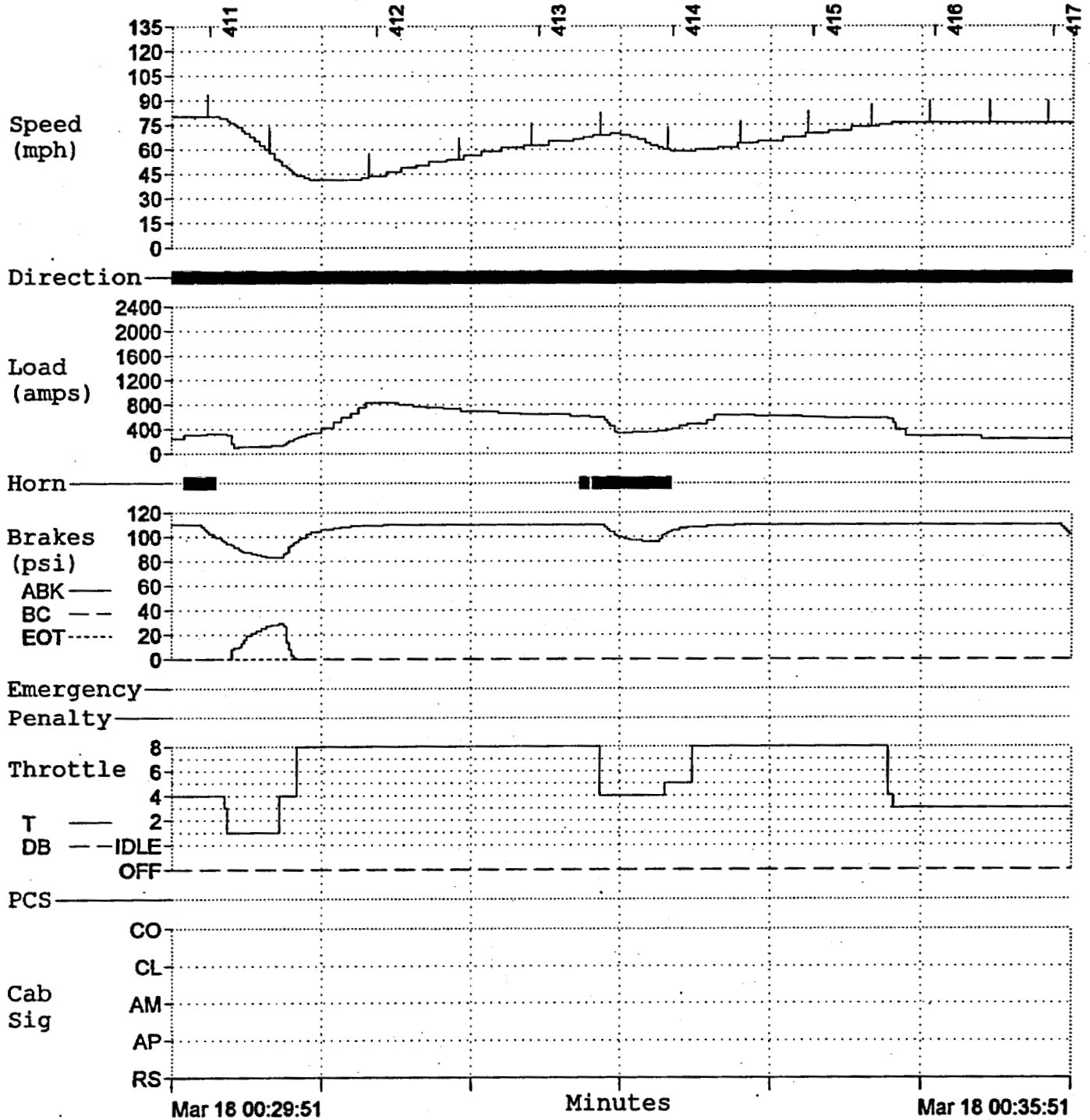
Location: Nodaway, Iowa
Remarks: DCA01MR003, Trailing Locomotive

Railroad AM
Loco Num 141



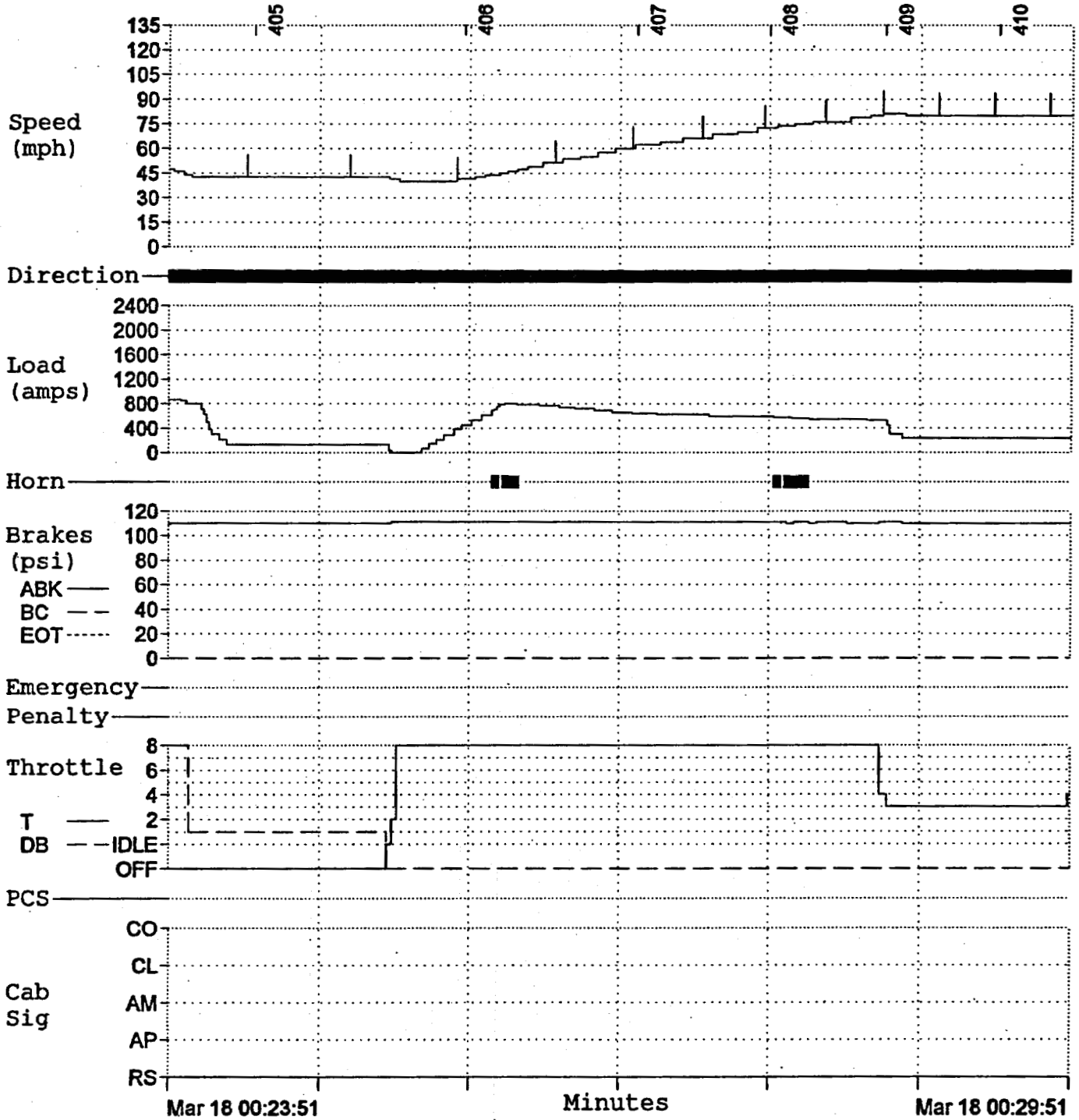
Location: Nodaway, Iowa
Remarks: DCA01MR003, Trailing Locomotive

Railroad AM
Loco Num 141



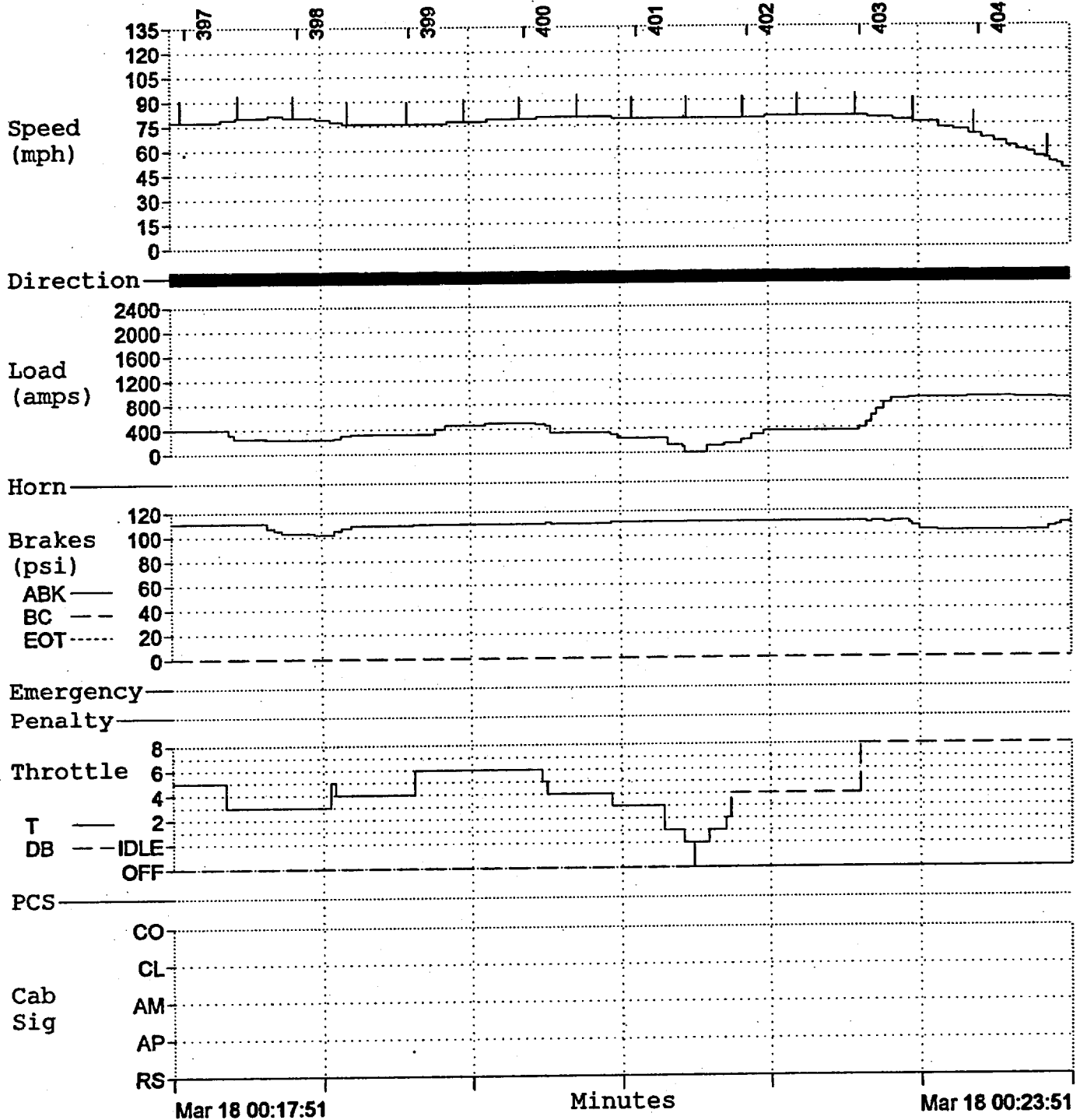
Location: Nodaway, Iowa
Remarks: DCA01MR003, Trailing Locomotive

Railroad AM
Loco Num 141



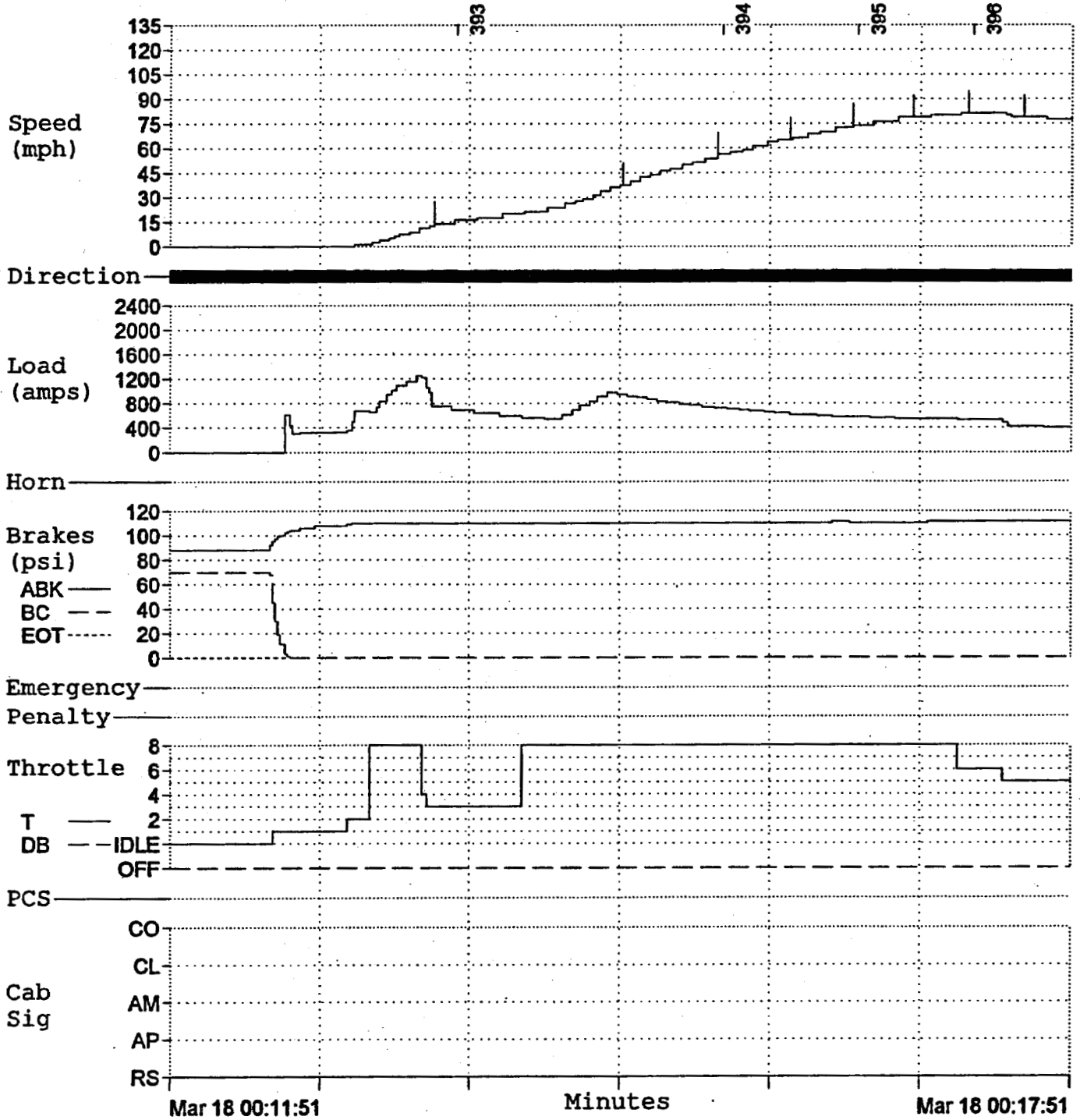
Location: Nodaway, Iowa
Remarks: DCA01MR003, Trailing Locomotive

Railroad AM
Loco Num 141



Location: Nodaway, Iowa
Remarks: DCA01MR003, Trailing Locomotive

Railroad AM
Loco Num 141



Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn		AB			
		mile	feet							DI12345678	0123456789	Bell	PCS	Emer	Handle	Dir	
03/18	00:40:43	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:42	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:41	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:40	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:39	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:38	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:37	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:36	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:35	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:34	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:33	0	0	0	0	0	91	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:32	0	0	0	0	0	77	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:31	0	0	1	0	0	35	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:30	0	1	0	0	0	7	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:29	0	2	3	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:28	0	7	3	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:27	0	12	6	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:26	0	23	6	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:25	0	32	10	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:24	0	48	10	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:23	0	63	13	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:22	0	83	16	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:21	0	107	16	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:20	0	131	20	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:19	0	161	20	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:18	0	191	23	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:17	0	226	23	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:16	0	261	27	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:15	0	302	27	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:14	0	343	31	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:13	0	389	31	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:12	0	435	34	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:11	0	486	34	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:10	0	538	38	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:09	0	595	38	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:08	0	651	41	0	0	0	0	Rel				Off	Open	EIE	Emer	For
03/18	00:40:07	0	712	43	0	0	0	8	Rel				Off	Open	EIE	Emer	For
03/18	00:40:06	0	775	44	0	0	0	51	Rel				Off	Open	EIE	Emer	For
03/18	00:40:05	0	840	47	0	0	0	78	Rel				Off	Open	EIE	Emer	For
03/18	00:40:04	0	910	48	0	0	0	109	Rel				Off	Open	EIE	Emer	For
03/18	00:40:03	0	981	50	0	40	0	109	Rel				Off	Open	EIE	Emer	For
03/18	00:40:02	0	1055	51	376	106	0	109	Rel				Off	Open	EIE	Emer	For
03/18	00:40:01	0	1131	52	920	108	0	109	Rel		5		Off	Cls	None	Supp	For
03/18	00:40:00	0	1207	52	920	111	0	109	Rel		8		Off	Cls	None	Supp	For
03/18	00:39:59	0	1285	52	912	111	0	109	Rel		8		Off	Cls	None	Rel	For
03/18	00:39:58	0	1362	52	912	111	0	109	Rel		8		Off	Cls	None	Rel	For
03/18	00:39:57	0	1439	52	928	111	0	109	Rel		8		Off	Cls	None	Rel	For
03/18	00:39:56	0	1515	52	928	111	0	109	Rel		8		Off	Cls	None	Rel	For
03/18	00:39:55	0	1592	52	928	111	0	109	Rel		8		Off	Cls	None	Rel	For
03/18	00:39:54	0	1668	52	928	111	0	109	Rel		8		Off	Cls	None	Rel	For
03/18	00:39:53	0	1745	50	928	111	0	109	Rel		8		Off	Cls	None	Rel	For
03/18	00:39:52	0	1819	50	960	111	0	109	Rel		8		Off	Cls	None	Rel	For
03/18	00:39:51	0	1893	50	960	111	0	109	Rel		8		Off	Cls	None	Rel	For

Loco Num		140		Railroad		AM		GE IFC Data Analysis									
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4									
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics									
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa											
Date	Time	Distance		Speed	Load	AB	BC	EOT	Throttle	Horn	Bell	PCS	Emer	AB			
		mile	feet											mph	amps	psi	psi
03/18	00:39:50	0	1967	50	960	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:49	0	2041	48	960	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:48	0	2113	48	984	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:47	0	2184	48	984	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:46	0	2255	48	984	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:45	0	2326	48	984	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:44	0	2398	46	984	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:43	0	2466	46	1016	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:42	0	2534	46	1016	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:41	0	2602	46	1016	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:40	0	2670	44	1016	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:39	0	2736	44	1048	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:38	0	2801	44	1048	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:37	0	2867	44	1048	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:36	0	2932	42	1048	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:35	0	2994	42	1080	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:34	0	3057	42	1080	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:33	0	3119	42	1080	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:32	0	3181	42	1080	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:31	0	3243	39	1080	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:30	0	3302	39	1120	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:29	0	3361	39	1120	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:28	0	3420	39	1120	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:27	0	3478	39	1120	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:26	0	3537	37	1120	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:25	0	3592	37	1176	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:24	0	3648	37	1176	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:23	0	3703	37	1176	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:22	0	3758	37	1176	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:21	0	3813	34	1176	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:20	0	3865	34	1216	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:19	0	3917	34	1216	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:18	0	3969	34	1216	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:17	0	4021	34	1216	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:16	0	4072	32	1216	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:15	0	4120	32	1272	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:14	0	4168	32	1272	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:13	0	4217	32	1272	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:12	0	4265	30	1272	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:11	0	4310	30	1248	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:10	0	4355	30	1248	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:09	0	4400	30	1248	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:08	0	4444	29	1248	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:39:07	0	4487	28	1208	111	0	109	Rel	8	h hh	ON	Cls	None	Rel	For	
03/18	00:39:06	0	4530	28	1184	111	0	109	Rel	8		h	ON	Cls	None	Rel	For
03/18	00:39:05	0	4571	26	1176	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:39:04	0	4611	26	1072	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:39:03	0	4650	26	1072	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:39:02	0	4689	25	1072	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:39:01	0	4727	25	984	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:39:00	0	4765	23	984	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:38:59	0	4800	23	888	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:38:58	0	4836	23	888	111	0	109	Rel	8		ON	Cls	None	Rel	For	

Loco Num		140		Railroad		AM		GE IFC Data Analysis										
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4										
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics										
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa												
Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Hom			AB			
		mile	feet							DI12345678	0123456789	Bell	PCS	Emer	Handle	Dir		
03/18	00:38:57	0	4871	22	888	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:56	0	4905	22	808	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:55	0	4938	22	808	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:54	0	4972	21	808	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:53	0	5004	21	736	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:52	0	5035	21	736	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:51	0	5066	19	736	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:50	0	5096	19	656	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:49	0	5126	19	656	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:48	0	5156	19	656	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:47	0	5185	18	656	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:46	0	5213	18	576	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:45	0	5241	18	576	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:44	0	5268	18	576	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:43	1	16	17	576	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:42	1	42	17	512	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:41	1	69	17	512	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:40	1	95	17	512	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:39	1	121	17	512	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:38	1	147	17	440	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:37	1	172	16	440	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:36	1	196	16	376	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:35	1	221	16	376	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:34	1	246	16	264	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:33	1	270	16	264	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:32	1	294	16	264	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:31	1	318	16	176	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:30	1	342	16	176	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:29	1	366	16	176	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:28	1	390	16	176	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:27	1	414	16	176	111	0	109	Rel		8			ON	Cls	None	Rel	For
03/18	00:38:26	1	438	16	176	111	0	109	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:25	1	462	16	176	111	0	109	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:24	1	486	16	176	111	0	109	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:23	1	510	16	176	111	0	109	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:22	1	534	16	176	111	0	109	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:21	1	558	16	176	111	0	109	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:20	1	582	16	176	111	0	109	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:19	1	606	16	176	111	0	109	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:18	1	630	16	176	111	0	109	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:17	1	655	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:16	1	680	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:15	1	704	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:14	1	729	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:13	1	754	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:12	1	779	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:11	1	803	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:10	1	828	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:09	1	852	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:08	1	877	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:07	1	902	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:06	1	927	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For
03/18	00:38:05	1	951	16	176	111	0	108	Rel	1				ON	Cls	None	Rel	For

Loco Num		140		Railroad		AM		GE IFC Data Analysis								
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4								
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics								
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa										
Date	Time	Distance	Speed	Load	AB	BC	EOT	Throttle	Horn	Bell	PCS	Emer	AB	Dir		
		mile	feet	amps	psi	psi	psi	IBS	D112345678	0123456789			Handle			
03/18	00:38:04	1	976	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:38:03	1	1001	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:38:02	1	1026	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:38:01	1	1050	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:38:00	1	1075	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:59	1	1100	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:58	1	1124	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:57	1	1149	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:56	1	1174	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:55	1	1199	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:54	1	1223	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:53	1	1248	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:52	1	1273	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:51	1	1297	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:50	1	1322	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:49	1	1347	16	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:48	1	1371	17	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:47	1	1397	17	176	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:46	1	1423	17	168	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:45	1	1448	17	168	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:44	1	1474	17	168	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:43	1	1500	17	168	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:42	1	1525	17	168	111	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:41	1	1552	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:40	1	1578	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:39	1	1605	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:38	1	1631	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:37	1	1658	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:36	1	1684	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:35	1	1711	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:34	1	1737	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:33	1	1763	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:32	1	1790	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:31	1	1816	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:30	1	1843	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:29	1	1869	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:28	1	1895	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:27	1	1922	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:26	1	1948	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:25	1	1975	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:24	1	2001	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:23	1	2028	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:22	1	2054	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:21	1	2081	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:20	1	2107	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:19	1	2134	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:18	1	2160	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:17	1	2187	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:16	1	2213	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:15	1	2239	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:14	1	2266	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:13	1	2292	17	200	110	0 108	Rel	1			ON	Cls	None	Rel	For
03/18	00:37:12	1	2319	18	200	110	0 108	Rel	1			ON	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Bell	PCS	Emer	AB Handle	Dir
		mile	feet							DI12345678	Horn 0123456789					
03/18	00:37:11	1	2346	18	176	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:10	1	2373	18	176	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:09	1	2401	18	176	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:08	1	2427	18	176	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:07	1	2455	18	176	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:06	1	2482	18	176	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:05	1	2509	18	176	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:04	1	2536	18	176	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:03	1	2564	18	176	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:02	1	2591	18	176	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:01	1	2619	18	296	110	0	106	Rel	1		ON	Cls	None	Rel	For
03/18	00:37:00	1	2646	18	416	110	0	104	Rel	1		ON	Cls	None	Rel	For
03/18	00:36:59	1	2674	18	552	109	0	104	Rel	2		ON	Cls	None	Rel	For
03/18	00:36:58	1	2701	18	552	109	0	104	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:57	1	2729	18	552	109	0	104	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:56	1	2757	18	560	109	0	102	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:55	1	2785	18	560	109	0	102	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:54	1	2812	18	560	109	0	102	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:53	1	2839	18	536	107	0	100	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:52	1	2866	18	536	107	0	100	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:51	1	2893	18	536	107	0	100	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:50	1	2921	19	536	107	0	98	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:49	1	2949	19	512	105	0	93	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:48	1	2978	19	512	105	0	93	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:47	1	3006	20	512	105	0	93	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:46	1	3036	21	496	102	0	93	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:45	1	3067	22	488	97	0	93	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:44	1	3099	22	600	96	0	93	Rel	3		ON	Cls	None	Rel	For
03/18	00:36:43	1	3132	23	648	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:42	1	3166	24	648	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:41	1	3202	24	624	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:40	1	3238	26	624	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:39	1	3277	26	584	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:38	1	3316	26	584	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:37	1	3355	26	584	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:36	1	3393	28	584	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:35	1	3436	28	560	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:34	1	3478	28	560	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:33	1	3520	30	560	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:32	1	3566	30	544	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:31	1	3611	30	544	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:30	1	3656	32	544	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:29	1	3704	32	520	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:28	1	3752	32	520	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:27	1	3800	34	520	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:26	1	3852	34	496	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:25	1	3904	34	496	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:24	1	3956	34	496	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:23	1	4007	37	496	96	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:22	1	4063	37	472	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:21	1	4118	37	472	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:20	1	4174	37	472	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:19	1	4229	39	472	95	0	93	Rel	4		ON	Cls	None	Supp	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Bell	PCS	Emer	AB Handle	Dir
		mile	feet							D112345678	0123456789					
03/18	00:36:18	1	4286	40	464	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:17	1	4346	40	456	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:16	1	4406	40	456	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:15	1	4465	42	456	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:14	1	4529	42	440	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:13	1	4591	42	440	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:12	1	4655	42	440	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:11	1	4718	45	440	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:10	1	4784	45	424	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:09	1	4851	45	424	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:08	1	4917	45	424	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:07	1	4984	47	424	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:06	1	5054	47	408	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:05	1	5124	47	408	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:04	1	5195	47	408	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:03	1	5265	49	408	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:02	2	59	49	392	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:01	2	132	49	392	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:36:00	2	206	51	392	95	0	93	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:59	2	282	51	384	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:58	2	359	51	384	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:57	2	435	53	384	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:56	2	514	53	376	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:55	2	594	53	376	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:54	2	673	56	376	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:53	2	756	56	360	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:52	2	838	56	360	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:51	2	921	56	360	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:50	2	1003	58	360	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:49	2	1090	58	352	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:48	2	1175	58	352	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:47	2	1262	58	352	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:46	2	1348	59	352	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:45	2	1436	61	344	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:44	2	1526	62	344	95	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:43	2	1618	62	336	96	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:42	2	1710	62	336	96	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:41	2	1801	62	336	96	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:40	2	1893	64	336	96	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:39	2	1989	64	328	96	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:38	2	2084	64	328	96	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:37	2	2180	64	328	96	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:36	2	2275	67	328	96	0	94	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:35	2	2374	67	320	96	0	96	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:34	2	2473	67	320	96	0	96	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:33	2	2571	69	320	96	0	96	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:32	2	2674	69	312	96	0	96	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:31	2	2776	69	312	96	0	96	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:30	2	2879	69	312	96	0	96	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:29	2	2981	71	312	96	0	96	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:28	2	3086	71	272	97	0	96	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:27	2	3191	71	272	97	0	96	Rel	4		ON	Cls	None	Supp	For
03/18	00:35:26	2	3297	73	272	97	0	96	Rel	4		ON	Cls	None	Supp	For

Loco Num		140		Railroad		AM		GE IFC Data Analysis									
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4									
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics									
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa											
Date	Time	Distance mile	Speed feet	Load mph	amps	AB psi	BC psi	EOT psi	IBS	Throttle DI12345678	Horn 0123456789	Bell	PCS	Emer	AB Handle	Dir	
03/18	00:35:25	2	3405	73	240	97	0	98	Rel	4		ON	Cls	None	Supp	For	
03/18	00:35:24	2	3513	73	240	97	0	98	Rel	4		ON	Cls	None	Supp	For	
03/18	00:35:23	2	3622	75	240	97	0	98	Rel	4		ON	Cls	None	Supp	For	
03/18	00:35:22	2	3732	75	240	98	0	98	Rel	3		ON	Cls	None	Supp	For	
03/18	00:35:21	2	3843	75	232	99	0	101	Rel	3		ON	Cls	None	Supp	For	
03/18	00:35:20	2	3953	76	232	99	0	101	Rel	3		ON	Cls	None	Supp	For	
03/18	00:35:19	2	4066	76	232	99	0	101	Rel	3	hh	ON	Cls	None	Supp	For	
03/18	00:35:18	2	4178	76	232	99	0	104	Rel	3	hhh hh	Off	Cls	None	Supp	For	
03/18	00:35:17	2	4291	76	232	100	0	109	Rel	3		Off	Cls	None	Supp	For	
03/18	00:35:16	2	4404	77	232	100	0	109	Rel	3		Off	Cls	None	Supp	For	
03/18	00:35:15	2	4518	76	232	102	0	109	Rel	3		Off	Cls	None	Supp	For	
03/18	00:35:14	2	4630	77	232	106	0	109	Rel	3		Off	Cls	None	Supp	For	
03/18	00:35:13	2	4744	77	232	109	0	109	Rel	3		Off	Cls	None	Supp	For	
03/18	00:35:12	2	4857	76	232	111	0	109	Rel	3		Off	Cls	None	Serv	For	
03/18	00:35:11	2	4969	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:10	2	5082	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:09	2	5194	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:08	3	26	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:07	3	138	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:06	3	250	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:05	3	362	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:04	3	474	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:03	3	586	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:02	3	698	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:01	3	811	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:35:00	3	923	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:59	3	1035	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:58	3	1147	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:57	3	1259	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:56	3	1371	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:55	3	1483	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:54	3	1595	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:53	3	1707	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:52	3	1819	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:51	3	1932	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:50	3	2044	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:49	3	2156	76	232	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:48	3	2268	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:47	3	2381	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:46	3	2493	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:45	3	2606	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:44	3	2719	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:43	3	2831	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:42	3	2944	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:41	3	3056	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:40	3	3169	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:39	3	3281	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:38	3	3394	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:37	3	3507	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:36	3	3619	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:35	3	3731	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:34	3	3844	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	
03/18	00:34:33	3	3956	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For	

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance mile feet	Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle D112345678	Horn 0123456789	Bell	PCS	Emer	AB Handle	Dir
03/18	00:34:32	3 4069	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:31	3 4181	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:30	3 4294	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:29	3 4407	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:28	3 4519	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:27	3 4632	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:26	3 4744	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:25	3 4857	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:24	3 4969	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:23	3 5082	76	240	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:22	3 5194	76	256	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:21	4 27	76	256	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:20	4 139	76	256	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:19	4 252	76	256	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:18	4 364	76	256	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:17	4 477	76	256	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:16	4 590	76	256	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:15	4 702	76	256	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:14	4 815	76	336	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:13	4 928	76	336	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:12	4 1040	76	336	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:11	4 1153	76	336	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:10	4 1266	76	336	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:09	4 1379	76	336	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:08	4 1492	76	336	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:07	4 1604	76	424	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:06	4 1716	76	664	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:34:05	4 1827	75	688	111	0	109	Rel	4		Off	Cls	None	Rel	For
03/18	00:34:04	4 1939	75	704	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:34:03	4 2050	75	704	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:34:02	4 2161	75	704	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:34:01	4 2272	75	704	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:34:00	4 2384	75	704	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:59	4 2495	75	704	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:58	4 2606	75	704	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:57	4 2717	74	704	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:56	4 2827	74	704	111	0	109	Rel		8	ON	Cls	None	Rel	For
03/18	00:33:55	4 2937	73	704	111	0	109	Rel		8	ON	Cls	None	Rel	For
03/18	00:33:54	4 3046	73	712	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:53	4 3155	73	712	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:52	4 3264	73	712	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:51	4 3372	73	712	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:50	4 3481	73	712	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:49	4 3589	73	712	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:48	4 3697	73	720	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:47	4 3804	73	720	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:46	4 3912	73	720	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:45	4 4020	71	720	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:44	4 4125	71	736	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:43	4 4230	71	736	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:42	4 4335	71	736	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:41	4 4441	71	736	111	0	108	Rel		8	Off	Cls	None	Rel	For
03/18	00:33:40	4 4546	71	736	111	0	108	Rel		8	Off	Cls	None	Rel	For

Loco Num		140		Railroad		AM		GE:IFC Data Analysis							
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4							
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics							
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa									
Date	Time	Distance mile	Speed feet mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle DI12345678	Horn 0123456789	Bell	PCS	Emer	AB Handle	Dir
03/18	00:33:39	4	4651	71	736	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:38	4	4756	71	736	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:37	4	4862	71	736	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:36	4	4967	69	736	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:35	4	5069	69	744	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:34	4	5172	69	744	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:33	4	5274	69	744	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:32	5	96	69	744	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:31	5	199	69	744	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:30	5	301	69	744	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:29	5	404	69	744	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:28	5	506	69	744	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:27	5	608	67	744	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:26	5	707	67	760	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:25	5	807	67	760	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:24	5	906	67	760	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:23	5	1005	67	760	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:22	5	1104	67	760	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:21	5	1204	67	760	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:20	5	1303	67	760	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:19	5	1402	67	760	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:18	5	1501	66	760	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:17	5	1599	66	768	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:16	5	1696	65	768	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:15	5	1793	65	776	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:14	5	1890	65	776	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:13	5	1986	65	776	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:12	5	2082	65	776	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:11	5	2179	65	776	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:10	5	2275	63	776	111	0 108	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:09	5	2369	63	784	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:08	5	2463	63	784	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:07	5	2557	63	784	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:06	5	2651	63	784	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:05	5	2746	63	784	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:04	5	2839	63	784	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:03	5	2934	63	784	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:02	5	3027	62	784	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:01	5	3120	62	704	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:33:00	5	3211	62	704	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:59	5	3303	62	704	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:58	5	3394	61	704	110	0 107	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:57	5	3486	61	632	110	0 106	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:56	5	3577	61	632	110	0 106	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:55	5	3667	61	632	110	0 106	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:54	5	3757	61	552	110	0 106	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:53	5	3847	61	552	110	0 106	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:52	5	3937	60	552	110	0 106	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:51	5	4026	60	480	110	0 106	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:50	5	4115	60	480	110	0 106	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:49	5	4204	60	464	109	0 104	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:48	5	4293	60	464	109	0 104	Rel	8		Off	Cls	None	Rel	For
03/18	00:32:47	5	4381	60	464	109	0 104	Rel	8		Off	Cls	None	Rel	For

Loco Num 140 Railroad AM GE IFC Data Analysis
 Total Dist 743 mi 2226 ft Wheel Size 40.00" Version 3.4
 Data Start 03/18/01 12:40:00 Milepost 419.96 WABCO Railway Electronics
 Data End 03/16/01 12:00:00 POR Nodaway, Iowa

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Bell	PCS	Emer	AB Handle	Dir
		mile	feet							DI12345678	Horn 0123456789					
03/18	00:32:46	5	4470	59	464	109	0	104	Rel		8	Off	Cls	None	Rel	For
03/18	00:32:45	5	4558	59	448	109	0	104	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:44	5	4646	59	448	109	0	104	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:43	5	4734	59	416	108	0	102	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:42	5	4821	59	416	108	0	102	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:41	5	4909	59	416	108	0	102	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:40	5	4997	59	368	107	0	100	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:39	5	5084	59	368	107	0	100	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:38	5	5172	59	368	107	0	100	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:37	5	5259	59	352	106	0	97	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:36	6	67	59	344	105	0	95	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:35	6	155	60	344	105	0	95	Rel	5		Off	Cls	None	Rel	For
03/18	00:32:34	6	244	61	336	103	0	95	Rel	4		Off	Cls	None	Rel	For
03/18	00:32:33	6	333	61	336	100	0	95	Rel	4		Off	Cls	None	Rel	For
03/18	00:32:32	6	425	61	336	96	0	95	Rel	4		Off	Cls	None	Rel	For
03/18	00:32:31	6	515	63	336	96	0	95	Rel	4		Off	Cls	None	Rel	For
03/18	00:32:30	6	609	63	328	96	0	95	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:29	6	702	63	328	96	0	95	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:28	6	795	65	328	96	0	95	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:27	6	892	65	320	97	0	95	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:26	6	988	65	320	97	0	95	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:25	6	1084	67	320	97	0	95	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:24	6	1183	67	320	97	0	97	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:23	6	1281	67	320	97	0	97	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:22	6	1380	68	320	97	0	97	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:21	6	1481	68	320	98	0	99	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:20	6	1582	68	320	98	0	99	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:19	6	1683	69	320	98	0	99	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:18	6	1784	70	376	99	0	101	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:17	6	1887	70	448	99	0	103	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:16	6	1991	70	448	99	0	103	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:15	6	2094	69	488	99	0	106	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:14	6	2197	69	592	102	0	109	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:13	6	2300	69	592	102	0	109	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:12	6	2403	70	624	104	0	109	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:11	6	2506	70	672	108	0	109	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:10	6	2609	69	728	111	0	109	Rel	4		Off	Cls	None	Supp	For
03/18	00:32:09	6	2711	69	736	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:32:08	6	2812	69	736	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:32:07	6	2914	69	736	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:32:06	6	3015	69	736	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:32:05	6	3117	68	736	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:32:04	6	3217	67	736	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:32:03	6	3316	67	752	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:32:02	6	3416	67	752	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:32:01	6	3515	67	752	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:32:00	6	3614	66	752	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:31:59	6	3712	66	760	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:31:58	6	3810	66	760	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:31:57	6	3908	66	760	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:31:56	6	4005	66	760	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:31:55	6	4103	66	760	111	0	109	Rel		8	Off	Cls	None	Rel	For
03/18	00:31:54	6	4200	66	760	111	0	109	Rel		8	Off	Cls	None	Rel	For

Loco Num		140		Railroad		AM		GE IFC Data Analysis									
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4									
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics									
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa											
Date	Time	Distance		Speed	Load	AB	BC	EOT	Throttle		Horn		Bell	PCS	Emer	AB	Dir
		mile	feet						amps	psi	psi	psi					
03/18	00:31:53	6	4298	66	760	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:52	6	4396	64	760	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:51	6	4491	64	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:50	6	4586	64	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:49	6	4680	64	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:48	6	4775	64	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:47	6	4870	64	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:46	6	4965	64	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:45	6	5060	64	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:44	6	5155	64	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:43	6	5250	62	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:42	7	62	62	808	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:41	7	155	62	808	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:40	7	247	62	808	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:39	7	340	62	808	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:38	7	432	62	808	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:37	7	525	62	808	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:36	7	617	62	808	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:35	7	709	61	808	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:34	7	800	61	808	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:33	7	890	61	816	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:32	7	980	61	816	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:31	7	1070	61	816	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:30	7	1160	59	816	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:29	7	1249	59	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:28	7	1337	59	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:27	7	1425	59	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:26	7	1513	59	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:25	7	1602	59	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:24	7	1690	59	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:23	7	1778	57	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:22	7	1863	57	856	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:21	7	1948	57	856	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:20	7	2033	57	856	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:19	7	2117	57	856	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:18	7	2203	57	856	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:17	7	2288	57	856	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:16	7	2372	57	856	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:15	7	2457	55	856	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:14	7	2539	55	872	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:13	7	2621	55	872	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:12	7	2702	55	872	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:11	7	2784	55	872	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:10	7	2866	55	872	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:09	7	2947	55	872	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:08	7	3029	55	872	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:07	7	3111	53	872	111	0	108	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:06	7	3189	53	904	111	0	107	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:05	7	3268	53	904	111	0	107	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:04	7	3346	53	904	111	0	107	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:03	7	3424	53	904	111	0	107	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:02	7	3503	53	904	111	0	107	Rel	8			Off	Cls	None	Rel	For
03/18	00:31:01	7	3581	53	904	111	0	107	Rel	8			Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn		Bell	PCS	Emer	AB Handle	Dir
		mile	feet							DI12345678	0123456789							
03/18	00:31:00	7	3659	51	904	111	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:59	7	3734	51	928	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:58	7	3809	51	928	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:57	7	3884	51	928	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:56	7	3959	51	928	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:55	7	4034	51	928	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:54	7	4109	51	928	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:53	7	4183	49	928	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:52	7	4257	48	928	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:51	7	4329	48	944	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:50	7	4400	48	944	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:49	7	4471	48	944	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:48	7	4543	46	944	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:47	7	4612	46	904	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:46	7	4681	46	904	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:45	7	4749	46	904	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:44	7	4819	46	904	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:43	7	4888	46	904	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:42	7	4956	45	904	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:41	7	5023	45	800	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:40	7	5089	45	800	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:39	7	5156	45	800	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:38	7	5222	44	800	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:37	8	7	44	728	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:36	8	72	43	728	110	0	107	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:35	8	136	43	680	110	0	105	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:34	8	200	42	680	110	0	105	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:33	8	263	42	584	110	0	105	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:32	8	326	42	584	110	0	105	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:31	8	389	42	584	110	0	105	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:30	8	451	42	488	109	0	105	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:29	8	513	42	488	109	0	105	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:28	8	575	42	488	109	0	105	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:27	8	637	41	488	109	0	105	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:26	8	698	41	416	109	0	103	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:25	8	760	41	416	109	0	103	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:24	8	821	41	416	109	0	103	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:23	8	882	41	416	109	0	103	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:22	8	943	41	344	108	0	101	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:21	8	1005	41	344	108	0	101	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:20	8	1066	41	344	108	0	101	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:19	8	1127	41	344	108	0	101	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:18	8	1188	41	312	107	0	99	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:17	8	1250	42	312	107	0	99	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:16	8	1311	42	296	107	0	97	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:15	8	1373	42	296	107	0	97	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:14	8	1436	42	272	106	0	95	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:13	8	1497	42	272	106	0	95	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:12	8	1560	42	240	104	0	95	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:11	8	1622	43	240	104	0	95	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:10	8	1685	43	240	103	0	93	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:09	8	1750	43	240	102	0	90	Rel	8			Off	Cls	None	Rel	For	
03/18	00:30:08	8	1814	44	224	101	0	88	Rel	8			Off	Cls	None	Rel	For	

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn		Bell	PCS	Emer	AB	
		mile	feet							D112345678	0123456789	Handle	Dir					
03/18	00:30:07	8	1880	45	208	99	0	87	Rel	4				Off	Cls	None	Rel	For
03/18	00:30:06	8	1947	46	200	98	0	84	Rel	4				Off	Cls	None	Rel	For
03/18	00:30:05	8	2015	47	176	97	1	82	Rel	4				Off	Cls	None	Rel	For
03/18	00:30:04	8	2085	48	160	96	6	82	Rel	4				Off	Cls	None	Rel	For
03/18	00:30:03	8	2157	49	144	91	16	82	Rel	4				Off	Cls	None	Rel	For
03/18	00:30:02	8	2230	51	120	86	28	82	Rel	4				Off	Cls	None	Rel	For
03/18	00:30:01	8	2305	52	120	83	29	82	Rel	4				Off	Cls	None	Rel	For
03/18	00:30:00	8	2382	54	120	83	29	82	Rel	2				Off	Cls	None	Rel	For
03/18	00:29:59	8	2462	54	112	83	28	82	Rel	1				Off	Cls	None	Full	For
03/18	00:29:58	8	2542	57	112	83	28	82	Rel	1				Off	Cls	None	Full	For
03/18	00:29:57	8	2626	57	112	83	28	82	Rel	1				Off	Cls	None	Full	For
03/18	00:29:56	8	2710	59	112	83	28	82	Rel	1				Off	Cls	None	Full	For
03/18	00:29:55	8	2797	61	112	83	28	84	Rel	1				Off	Cls	None	Full	For
03/18	00:29:54	8	2886	61	96	84	26	85	Rel	1				Off	Cls	None	Full	For
03/18	00:29:53	8	2976	63	96	84	26	85	Rel	1				Off	Cls	None	Full	For
03/18	00:29:52	8	3070	63	88	84	25	86	Rel	1				Off	Cls	None	Full	For
03/18	00:29:51	8	3163	65	88	84	25	86	Rel	1				Off	Cls	None	Full	For
03/18	00:29:50	8	3260	67	88	85	24	88	Rel	1				Off	Cls	None	Full	For
03/18	00:29:49	8	3358	67	88	85	24	88	Rel	1				Off	Cls	None	Full	For
03/18	00:29:48	8	3457	69	88	85	24	88	Rel	1				Off	Cls	None	Full	For
03/18	00:29:47	8	3559	70	88	85	24	90	Rel	1				Off	Cls	None	Full	For
03/18	00:29:46	8	3662	71	88	85	21	90	Rel	1				Off	Cls	None	Full	For
03/18	00:29:45	8	3767	72	80	86	19	93	Rel	1				Off	Cls	None	Full	For
03/18	00:29:44	8	3873	73	80	87	17	93	Rel	1				Off	Cls	None	Full	For
03/18	00:29:43	8	3981	75	88	88	14	93	Rel	1				Off	Cls	None	Full	For
03/18	00:29:42	8	4092	75	160	90	10	96	Rel	1				Off	Cls	None	Full	For
03/18	00:29:41	8	4203	76	160	90	10	96	Rel	1				Off	Cls	None	Full	For
03/18	00:29:40	8	4315	77	248	91	10	96	Rel	1				Off	Cls	None	Full	For
03/18	00:29:39	8	4430	77	280	93	3	98	Rel	2				Off	Cls	None	Full	For
03/18	00:29:38	8	4544	77	296	95	0	100	Rel	4				Off	Cls	None	Full	For
03/18	00:29:37	8	4658	78	296	95	0	100	Rel	4				Off	Cls	None	Full	For
03/18	00:29:36	8	4774	79	296	98	0	100	Rel	4				Off	Cls	None	Full	For
03/18	00:29:35	8	4892	79	296	99	0	103	Rel	4				Off	Cls	None	Supp	For
03/18	00:29:34	8	5009	80	296	99	0	103	Rel	4				Off	Cls	None	Supp	For
03/18	00:29:33	8	5127	80	296	99	0	106	Rel	4				Off	Cls	None	Supp	For
03/18	00:29:32	8	5245	79	296	100	0	109	Rel	4				Off	Cls	None	Supp	For
03/18	00:29:31	9	82	79	296	102	0	109	Rel	4				Off	Cls	None	Supp	For
03/18	00:29:30	9	199	80	296	105	0	109	Rel	4				Off	Cls	None	Supp	For
03/18	00:29:29	9	317	80	296	108	0	109	Rel	4				Off	Cls	None	Supp	For
03/18	00:29:28	9	435	80	288	111	0	109	Rel	4				Off	Cls	None	Supp	For
03/18	00:29:27	9	554	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:26	9	673	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:25	9	790	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:24	9	909	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:23	9	1028	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:22	9	1146	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:21	9	1264	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:20	9	1382	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:19	9	1501	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:18	9	1619	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:17	9	1737	80	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:16	9	1856	81	232	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:29:15	9	1975	81	232	111	0	109	Rel	3				Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn		Bell	PCS	Emer	AB	
		mile	feet							D112345678	0123456789	Handle	Dir					
03/18	00:29:14	9	2094	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:13	9	2213	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:12	9	2332	80	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:11	9	2450	80	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:10	9	2569	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:09	9	2688	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:08	9	2806	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:07	9	2925	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:06	9	3043	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:05	9	3161	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:04	9	3280	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:03	9	3399	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:02	9	3517	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:01	9	3636	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:29:00	9	3754	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:59	9	3872	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:58	9	3991	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:57	9	4110	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:56	9	4228	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:55	9	4347	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:54	9	4465	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:53	9	4583	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:52	9	4702	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:51	9	4821	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:50	9	4939	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:49	9	5058	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:48	9	5176	80	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:47	10	15	81	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:46	10	133	81	224	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:45	10	253	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:44	10	372	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:43	10	492	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:42	10	611	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:41	10	730	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:40	10	850	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:39	10	969	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:38	10	1088	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:37	10	1208	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:36	10	1327	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:35	10	1446	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:34	10	1565	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:33	10	1685	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:32	10	1804	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:31	10	1924	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:30	10	2043	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:29	10	2162	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:28	10	2282	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:27	10	2401	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:26	10	2520	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:25	10	2639	80	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:24	10	2758	81	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:23	10	2877	81	240	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:28:22	10	2996	81	240	111	0	109	Rel	3			Off	Cls	None	Rel	For	

Loco Num		140		Railroad		AM		GE IFC Data Analysis										
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4										
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics										
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa												
Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn		Bell	PCS	Emer	AB	
		mile	feet							DI	12345678	0123456789	Handle				Dir	
03/18	00:28:21	10	3115	81	240	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:20	10	3234	81	240	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:19	10	3353	81	240	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:18	10	3472	81	240	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:17	10	3591	81	240	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:16	10	3710	81	240	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:15	10	3829	81	240	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:14	10	3948	81	240	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:13	10	4067	81	240	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:12	10	4187	81	328	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:11	10	4307	81	328	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:10	10	4427	81	328	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:09	10	4547	81	328	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:08	10	4667	81	328	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:07	10	4787	81	328	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:06	10	4907	81	328	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:05	10	5026	81	328	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:28:04	10	5145	81	456	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:28:03	10	5265	81	656	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:28:02	11	105	81	656	111	0	109	Rel	4				Off	Cls	None	Rel	For
03/18	00:28:01	11	224	81	664	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:28:00	11	344	81	664	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:59	11	463	79	664	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:58	11	581	79	672	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:57	11	698	79	672	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:56	11	816	79	672	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:55	11	933	79	672	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:54	11	1051	79	672	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:53	11	1169	79	672	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:52	11	1286	79	672	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:51	11	1404	79	672	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:50	11	1521	77	672	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:49	11	1636	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:48	11	1750	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:47	11	1864	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:46	11	1979	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:45	11	2093	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:44	11	2207	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:43	11	2322	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:42	11	2436	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:41	11	2551	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:40	11	2665	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:39	11	2780	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:38	11	2894	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:37	11	3008	77	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:36	11	3121	76	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:35	11	3234	76	688	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:34	11	3346	76	704	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:33	11	3457	76	704	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:32	11	3569	76	704	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:31	11	3680	76	704	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:30	11	3792	76	704	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:27:29	11	3903	76	704	111	0	109	Rel		8			Off	Cls	None	Rel	For

Loco Num		140		Railroad		AM		GE IFC Data Analysis									
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4									
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics									
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa											
Date	Time	Distance		Speed	Load	AB	BC	EOT	Throttle		Horn		AB				
		mile	feet						psi	psi	psi	IBS	DI12345678	0123456789	Bell	PCS	Emer
03/18	00:27:28	11	4015	76	704	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:27	11	4126	74	704	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:26	11	4236	74	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:25	11	4345	74	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:24	11	4454	74	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:23	11	4564	74	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:22	11	4672	74	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:21	11	4782	74	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:20	11	4891	74	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:19	11	5000	74	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:18	11	5109	74	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:17	11	5219	74	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:16	12	47	72	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:15	12	154	72	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:14	12	260	72	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:13	12	366	72	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:12	12	472	72	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:11	12	578	72	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:10	12	684	72	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:09	12	790	72	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:08	12	896	72	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:07	12	1002	71	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:06	12	1106	71	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:05	12	1210	69	728	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:04	12	1312	69	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:03	12	1415	69	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:02	12	1517	69	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:01	12	1619	69	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:27:00	12	1721	69	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:59	12	1823	69	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:58	12	1925	69	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:57	12	2027	69	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:56	12	2129	67	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:55	12	2228	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:54	12	2327	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:53	12	2426	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:52	12	2525	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:51	12	2624	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:50	12	2722	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:49	12	2821	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:48	12	2920	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:47	12	3018	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:46	12	3117	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:45	12	3216	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:44	12	3315	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:43	12	3414	67	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:42	12	3512	66	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:41	12	3610	65	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:40	12	3705	65	784	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:39	12	3801	65	784	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:38	12	3897	65	784	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:37	12	3993	65	784	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:26:36	12	4089	65	784	111	0	109	Rel	8			Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC EOT			Throttle		Horn		Bell	PCS	Emer	AB	
		mile	feet				psi	psi	psi	IBS	DI12345678	0123456789	Handle				Dir	
03/18	00:26:35	12	4184	65	784	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:34	12	4280	63	784	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:33	12	4374	63	800	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:32	12	4468	63	800	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:31	12	4561	63	800	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:30	12	4655	63	800	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:29	12	4748	63	800	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:28	12	4842	63	800	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:27	12	4935	63	800	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:26	12	5028	61	800	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:25	12	5120	61	824	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:24	12	5210	61	824	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:23	13	21	61	824	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:22	13	112	61	824	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:21	13	202	61	824	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:20	13	294	61	824	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:19	13	384	61	824	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:18	13	475	59	824	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:17	13	563	59	840	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:16	13	651	59	840	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:15	13	739	59	840	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:14	13	827	59	840	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:13	13	915	59	840	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:12	13	1002	58	840	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:11	13	1088	58	840	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:10	13	1174	57	840	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:09	13	1259	57	856	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:08	13	1343	57	856	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:07	13	1427	57	856	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:06	13	1511	55	856	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:05	13	1594	55	872	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:04	13	1675	55	872	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:03	13	1758	55	872	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:02	13	1839	55	872	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:01	13	1921	55	872	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:26:00	13	2003	53	872	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:59	13	2083	53	896	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:58	13	2162	53	896	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:57	13	2241	53	896	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:56	13	2320	53	896	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:55	13	2400	53	896	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:54	13	2479	53	896	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:53	13	2558	52	896	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:52	13	2635	52	912	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:51	13	2711	52	912	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:50	13	2787	52	912	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:49	13	2864	52	912	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:48	13	2940	52	912	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:47	13	3017	52	912	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:46	13	3093	49	912	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:45	13	3167	49	936	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:44	13	3240	49	936	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:25:43	13	3314	49	936	111	0	109	Rel		8			Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn		AB			
		mile	feet							DI12345678	0123456789	Bell	PCS	Emer	Handle	Dir	
03/18	00:25:42	13	3387	49	936	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:25:41	13	3461	49	936	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:25:40	13	3534	48	936	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:25:39	13	3606	47	936	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:38	13	3677	47	880	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:37	13	3747	47	880	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:36	13	3817	47	880	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:35	13	3888	47	880	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:34	13	3958	47	880	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:33	13	4028	46	880	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:32	13	4096	46	800	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:31	13	4164	46	800	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:30	13	4232	45	800	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:29	13	4298	45	712	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:28	13	4365	45	712	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:27	13	4431	44	712	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:26	13	4496	44	672	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:25	13	4561	43	672	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:24	13	4625	43	592	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:23	13	4690	43	592	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:22	13	4754	42	592	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:21	13	4817	42	536	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:20	13	4880	42	536	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:19	13	4942	42	456	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:18	13	5004	42	456	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:17	13	5067	42	456	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:16	13	5128	41	456	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:15	13	5190	41	448	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:14	13	5250	41	384	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:13	14	31	41	384	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:12	14	92	41	384	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:11	14	153	41	384	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:10	14	213	41	312	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:09	14	273	41	312	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:08	14	333	41	312	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:07	14	394	40	312	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:06	14	454	40	248	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:05	14	513	41	248	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:04	14	574	41	176	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:03	14	634	41	176	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:02	14	694	41	176	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:01	14	754	41	104	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:25:00	14	814	40	104	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:24:59	14	875	40	24	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:24:58	14	934	40	24	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:24:57	14	995	40	24	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:24:56	14	1054	41	24	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:24:55	14	1115	41	16	111	0	109	Rel	8		hh	ON	Cls	None	Rel	For
03/18	00:24:54	14	1175	41	0	111	0	109	Rel	8		hhh hh	Off	Cls	None	Rel	For
03/18	00:24:53	14	1236	41	0	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:24:52	14	1297	41	0	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:24:51	14	1357	41	0	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:24:50	14	1418	41	0	111	0	109	Rel	8		Off	Cls	None	Rel	For	

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn		Bell	PCS	Emer	AB	
		mile	feet							D1	2345678	0123456789	Handle				Dir	
03/18	00:24:49	14	1479	41	0	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:24:48	14	1539	41	0	111	0	109	Rel		8			Off	Cls	None	Rel	For
03/18	00:24:47	14	1600	41	8	111	0	109	Rel	2				Off	Cls	None	Rel	For
03/18	00:24:46	14	1662	41	8	111	0	109	Rel	2				Off	Cls	None	Rel	For
03/18	00:24:45	14	1723	41	40	111	0	109	Rel	1				Off	Cls	None	Rel	For
03/18	00:24:44	14	1784	42	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:43	14	1847	42	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:42	14	1908	42	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:41	14	1970	42	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:40	14	2032	42	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:39	14	2094	42	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:38	14	2156	42	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:37	14	2218	42	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:36	14	2280	42	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:35	14	2341	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:34	14	2406	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:33	14	2470	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:32	14	2533	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:31	14	2598	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:30	14	2662	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:29	14	2726	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:28	14	2790	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:27	14	2854	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:26	14	2918	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:25	14	2982	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:24	14	3046	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:23	14	3110	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:22	14	3174	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:21	14	3238	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:20	14	3302	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:19	14	3366	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:18	14	3430	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:17	14	3494	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:16	14	3558	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:15	14	3622	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:14	14	3686	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:13	14	3750	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:12	14	3814	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:11	14	3878	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:10	14	3942	43	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:09	14	4006	44	120	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:08	14	4071	43	128	111	0	109	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:07	14	4136	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:06	14	4201	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:05	14	4265	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:04	14	4329	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:03	14	4394	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:02	14	4459	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:01	14	4523	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:24:00	14	4588	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:23:59	14	4652	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:23:58	14	4717	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For
03/18	00:23:57	14	4781	43	120	111	0	108	Rel	D 1				Off	Cls	None	Rel	For

Loco Num		140		Railroad		AM		GE IFC Data Analysis							
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4							
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics							
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa									
Date	Time	Distance mile feet	Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle D12345678	Horn 0123456789	Bell	PCS	Emer	AB Handle	Dir
03/18	00:23:56	14 4846	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:55	14 4910	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:54	14 4975	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:53	14 5039	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:52	14 5104	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:51	14 5168	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:50	14 5233	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:49	15 18	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:48	15 82	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:47	15 146	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:46	15 211	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:45	15 276	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:44	15 340	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:43	15 404	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:42	15 469	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:41	15 533	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:40	15 598	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:39	15 663	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:38	15 727	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:37	15 791	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:36	15 856	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:35	15 921	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:34	15 985	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:33	15 1050	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:32	15 1114	43	120	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:31	15 1177	43	216	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:30	15 1241	43	304	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:29	15 1305	43	392	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:28	15 1369	43	608	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:27	15 1433	43	728	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:26	15 1498	43	864	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:25	15 1563	44	864	111	0 108	Rel	D 1			Off	Cls	None	Rel	For
03/18	00:23:24	15 1629	44	880	110	0 108	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:23	15 1695	44	880	110	0 108	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:22	15 1761	46	880	110	0 108	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:21	15 1829	46	880	110	0 106	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:20	15 1896	47	880	110	0 106	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:19	15 1966	47	888	110	0 106	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:18	15 2037	47	888	110	0 106	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:17	15 2107	47	888	110	0 106	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:16	15 2177	47	888	110	0 106	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:15	15 2247	49	888	110	0 106	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:14	15 2320	49	880	109	0 104	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:13	15 2393	49	880	109	0 104	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:12	15 2466	51	880	109	0 104	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:11	15 2541	52	888	109	0 101	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:10	15 2619	52	888	107	0 101	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:09	15 2696	52	888	107	0 101	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:08	15 2773	54	888	107	0 101	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:07	15 2853	54	888	103	0 101	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:06	15 2932	55	888	103	0 101	Rel	D		8	Off	Cls	None	Rel	For
03/18	00:23:05	15 3014	55	888	103	0 101	Rel	D		8	Off	Cls	None	Min	For
03/18	00:23:04	15 3095	57	888	103	0 101	Rel	D		8	Off	Cls	None	Min	For

Loco Num		140		Railroad		AM		GE IFC Data Analysis							
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4							
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics							
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa									
Date	Time	Distance mile	Speed feet mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle DI12345678	Horn 0123456789	Bell	PCS	Emer	AB Handle	Dir
03/18	00:23:03	15	3179	57	888	103	0 101	Rel D	8		Off	Cls	None	Min	For
03/18	00:23:02	15	3263	57	888	103	0 101	Rel D	8		Off	Cls	None	Min	For
03/18	00:23:01	15	3347	58	888	103	0 101	Rel D	8		Off	Cls	None	Min	For
03/18	00:23:00	15	3433	58	888	103	0 101	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:59	15	3519	58	888	103	0 101	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:58	15	3606	61	888	103	0 101	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:57	15	3695	61	896	103	0 101	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:56	15	3785	61	896	103	0 101	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:55	15	3874	61	896	103	0 101	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:54	15	3964	62	896	103	0 101	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:53	15	4057	62	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:52	15	4149	62	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:51	15	4241	62	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:50	15	4333	64	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:49	15	4429	64	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:48	15	4524	64	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:47	15	4620	64	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:46	15	4715	64	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:45	15	4811	67	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:44	15	4910	67	896	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:43	15	5010	67	896	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:42	15	5109	67	896	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:41	15	5208	67	896	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:40	16	27	67	896	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:39	16	126	68	896	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:38	16	228	69	896	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:37	16	331	69	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:36	16	433	71	896	103	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:35	16	538	71	888	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:34	16	642	71	888	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:33	16	747	71	888	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:32	16	851	71	888	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:31	16	955	73	888	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:30	16	1064	73	880	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:29	16	1172	73	880	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:28	16	1279	73	880	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:27	16	1387	73	880	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:26	16	1495	73	880	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:25	16	1603	75	880	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:24	16	1715	75	872	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:23	16	1826	75	872	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:22	16	1937	75	872	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:21	16	2049	75	872	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:20	16	2160	76	872	104	0 102	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:19	16	2272	77	872	104	0 104	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:18	16	2386	77	872	105	0 107	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:17	16	2499	77	872	105	0 107	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:16	16	2613	77	872	105	0 107	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:15	16	2727	77	872	107	0 109	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:14	16	2841	77	872	107	0 109	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:13	16	2955	77	864	111	0 109	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:12	16	3070	78	864	111	0 109	Rel D	8		Off	Cls	None	Min	For
03/18	00:22:11	16	3185	78	864	111	0 109	Rel D	8		Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn		Bell	PCS	Emer	AB	
		mile	feet							DI12345678	0123456789	Handle	Dir					
03/18	00:22:10	16	3300	78	864	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:22:09	16	3415	78	864	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:22:08	16	3530	78	864	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:22:07	16	3646	78	864	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:22:06	16	3761	79	864	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:22:05	16	3878	79	792	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:22:04	16	3994	79	792	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:22:03	16	4111	80	792	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:22:02	16	4228	80	720	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:22:01	16	4346	79	720	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:22:00	16	4463	80	648	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:21:59	16	4582	80	552	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:21:58	16	4700	80	552	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:21:57	16	4818	80	552	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:21:56	16	4936	80	472	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:21:55	16	5054	80	400	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:21:54	16	5172	80	400	111	0	109	Rel	D	8			Off	Cls	None	Rel	For
03/18	00:21:53	17	10	80	400	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:52	17	129	80	400	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:51	17	247	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:50	17	365	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:49	17	482	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:48	17	600	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:47	17	718	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:46	17	836	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:45	17	954	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:44	17	1072	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:43	17	1190	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:42	17	1308	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:41	17	1425	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:40	17	1543	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:39	17	1662	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:38	17	1779	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:37	17	1897	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:36	17	2015	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:35	17	2133	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:34	17	2251	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:33	17	2369	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:32	17	2487	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:31	17	2605	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:30	17	2722	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:29	17	2840	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:28	17	2958	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:27	17	3076	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:26	17	3194	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:25	17	3311	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:24	17	3429	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:23	17	3547	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:22	17	3664	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:21	17	3782	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:20	17	3899	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:19	17	4017	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:18	17	4134	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn		Bell	PCS	Emer	AB	
		mile	feet							D1	12345678	0123456789	Handle				Dir	
03/18	00:21:17	17	4252	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:16	17	4369	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:15	17	4487	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:14	17	4604	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:13	17	4722	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:12	17	4839	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:11	17	4957	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:10	17	5074	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:09	17	5192	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:08	18	30	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:07	18	147	79	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:06	18	265	80	392	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:05	18	382	79	320	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:04	18	500	79	232	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:03	18	617	79	232	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:02	18	733	79	232	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:01	18	850	79	160	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:21:00	18	966	79	160	111	0	109	Rel	D	4			Off	Cls	None	Rel	For
03/18	00:20:59	18	1084	79	152	111	0	109	Rel	D	1			Off	Cls	None	Rel	For
03/18	00:20:58	18	1200	79	152	111	0	109	Rel	D	1			Off	Cls	None	Rel	For
03/18	00:20:57	18	1317	79	152	111	0	109	Rel	D	1			Off	Cls	None	Rel	For
03/18	00:20:56	18	1434	79	152	111	0	109	Rel	D	1			Off	Cls	None	Rel	For
03/18	00:20:55	18	1551	79	152	111	0	109	Rel	D	1			Off	Cls	None	Rel	For
03/18	00:20:54	18	1668	79	56	111	0	109	Rel	D	1			Off	Cls	None	Rel	For
03/18	00:20:53	18	1785	80	56	111	0	109	Rel	D	1			Off	Cls	None	Rel	For
03/18	00:20:52	18	1903	79	0	111	0	109	Rel	DI				Off	Cls	None	Rel	For
03/18	00:20:51	18	2021	79	0	111	0	109	Rel	DI				Off	Cls	None	Rel	For
03/18	00:20:50	18	2138	79	0	111	0	109	Rel	DI				Off	Cls	None	Rel	For
03/18	00:20:49	18	2256	79	0	111	0	109	Rel	DI				Off	Cls	None	Rel	For
03/18	00:20:48	18	2373	79	0	111	0	109	Rel	DI				Off	Cls	None	Rel	For
03/18	00:20:47	18	2490	79	0	111	0	109	Rel	DI				Off	Cls	None	Rel	For
03/18	00:20:46	18	2608	79	0	111	0	109	Rel	DI				Off	Cls	None	Rel	For
03/18	00:20:45	18	2725	79	0	111	0	109	Rel	I				Off	Cls	None	Rel	For
03/18	00:20:44	18	2842	79	0	111	0	109	Rel	I				Off	Cls	None	Rel	For
03/18	00:20:43	18	2960	80	0	111	0	109	Rel	I				Off	Cls	None	Rel	For
03/18	00:20:42	18	3078	80	80	111	0	109	Rel	I				Off	Cls	None	Rel	For
03/18	00:20:41	18	3196	80	136	111	0	109	Rel		1			Off	Cls	None	Rel	For
03/18	00:20:40	18	3314	80	136	111	0	109	Rel		1			Off	Cls	None	Rel	For
03/18	00:20:39	18	3431	80	136	111	0	109	Rel		1			Off	Cls	None	Rel	For
03/18	00:20:38	18	3549	80	136	111	0	109	Rel		1			Off	Cls	None	Rel	For
03/18	00:20:37	18	3667	80	136	111	0	109	Rel		1			Off	Cls	None	Rel	For
03/18	00:20:36	18	3785	80	136	111	0	109	Rel		1			Off	Cls	None	Rel	For
03/18	00:20:35	18	3903	80	224	111	0	109	Rel		1			Off	Cls	None	Rel	For
03/18	00:20:34	18	4020	79	224	111	0	109	Rel		1			Off	Cls	None	Rel	For
03/18	00:20:33	18	4138	79	224	111	0	109	Rel		2			Off	Cls	None	Rel	For
03/18	00:20:32	18	4255	79	232	111	0	109	Rel		3			Off	Cls	None	Rel	For
03/18	00:20:31	18	4372	79	232	111	0	109	Rel		3			Off	Cls	None	Rel	For
03/18	00:20:30	18	4490	79	232	111	0	109	Rel		3			Off	Cls	None	Rel	For
03/18	00:20:29	18	4607	79	232	111	0	109	Rel		3			Off	Cls	None	Rel	For
03/18	00:20:28	18	4724	79	232	111	0	109	Rel		3			Off	Cls	None	Rel	For
03/18	00:20:27	18	4841	79	232	111	0	109	Rel		3			Off	Cls	None	Rel	For
03/18	00:20:26	18	4959	79	232	111	0	109	Rel		3			Off	Cls	None	Rel	For
03/18	00:20:25	18	5076	79	232	111	0	109	Rel		3			Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC EOT			Throttle		Horn		Bell	PCS	Emer	AB	
		mile	feet				psi	psi	psi	IBS	D112345678	0123456789	Handle				Dir	
03/18	00:20:24	18	5193	79	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:23	19	31	79	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:22	19	148	79	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:21	19	265	79	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:20	19	382	79	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:19	19	500	79	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:18	19	617	79	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:17	19	734	80	232	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:16	19	852	80	288	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:15	19	970	80	288	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:14	19	1088	80	288	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:13	19	1206	80	288	111	0	109	Rel	3			Off	Cls	None	Rel	For	
03/18	00:20:12	19	1324	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:11	19	1442	79	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:10	19	1559	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:09	19	1678	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:08	19	1797	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:07	19	1916	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:06	19	2035	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:05	19	2153	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:04	19	2272	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:03	19	2391	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:02	19	2510	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:01	19	2628	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:20:00	19	2747	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:59	19	2866	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:58	19	2985	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:57	19	3104	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:56	19	3222	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:55	19	3341	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:54	19	3460	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:53	19	3578	80	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:52	19	3697	81	288	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:51	19	3816	81	360	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:50	19	3936	81	360	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:49	19	4055	81	360	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:48	19	4174	81	432	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:47	19	4293	81	432	111	0	109	Rel	4			Off	Cls	None	Rel	For	
03/18	00:19:46	19	4413	81	456	111	0	109	Rel	7			Off	Cls	None	Rel	For	
03/18	00:19:45	19	4532	81	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:44	19	4651	81	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:43	19	4770	81	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:42	19	4889	81	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:41	19	5008	80	472	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:40	19	5126	80	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:39	19	5244	80	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:38	20	81	80	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:37	20	199	80	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:36	20	317	80	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:35	20	435	80	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:34	20	553	80	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:33	20	670	80	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	
03/18	00:19:32	20	788	80	480	111	0	109	Rel	6			Off	Cls	None	Rel	For	

Loco Num		140		Railroad		AM		GE IFC Data Analysis										
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4										
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics										
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa												
Date	Time	Distance		Speed	Load	AB	BC	EOT	IBS	Throttle		Horn		Bell	PCS	Emer	AB	
		mile	feet							mph	amps	psi	psi				psi	psi
03/18	00:18:38	21	1701	77	304	110	0	107	Rel	4				ON	Cls	None	Rel	For
03/18	00:18:37	21	1814	77	304	110	0	107	Rel	4				ON	Cls	None	Rel	For
03/18	00:18:36	21	1928	77	304	110	0	107	Rel	4				ON	Cls	None	Rel	For
03/18	00:18:35	21	2042	77	304	110	0	107	Rel	4				ON	Cls	None	Rel	For
03/18	00:18:34	21	2155	77	304	110	0	107	Rel	4	hhhh			ON	Cls	None	Rel	For
03/18	00:18:33	21	2268	77	304	110	0	105	Rel	4	hhhhhhhhhhh			ON	Cls	None	Rel	For
03/18	00:18:32	21	2382	77	304	110	0	105	Rel	4		hh		Off	Cls	None	Rel	For
03/18	00:18:31	21	2496	77	296	109	0	105	Rel	4				Off	Cls	None	Rel	For
03/18	00:18:30	21	2610	77	296	109	0	105	Rel	4				Off	Cls	None	Rel	For
03/18	00:18:29	21	2724	77	296	109	0	105	Rel	4				Off	Cls	None	Rel	For
03/18	00:18:28	21	2838	77	296	109	0	105	Rel	4				Off	Cls	None	Rel	For
03/18	00:18:27	21	2951	77	296	108	0	103	Rel	4				Off	Cls	None	Rel	For
03/18	00:18:26	21	3064	77	296	108	0	103	Rel	4				Off	Cls	None	Rel	For
03/18	00:18:25	21	3179	77	256	107	0	101	Rel	4				Off	Cls	None	Rel	For
03/18	00:18:24	21	3293	77	256	107	0	101	Rel	4				Off	Cls	None	Rel	For
03/18	00:18:23	21	3407	78	256	107	0	101	Rel	4				Off	Cls	None	Rel	For
03/18	00:18:22	21	3522	78	240	106	0	101	Rel	5				Off	Cls	None	Rel	For
03/18	00:18:21	21	3638	78	232	103	0	101	Rel	5				Off	Cls	None	Rel	For
03/18	00:18:20	21	3753	79	240	102	0	101	Rel	3				Off	Cls	None	Rel	For
03/18	00:18:19	21	3870	79	240	102	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:18	21	3986	79	232	102	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:17	21	4103	79	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:16	21	4220	79	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:15	21	4337	79	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:14	21	4454	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:13	21	4573	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:12	21	4692	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:11	21	4812	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:10	21	4930	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:09	21	5049	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:08	21	5169	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:07	22	7	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:06	22	127	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:05	22	246	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:04	22	365	81	232	103	0	101	Rel	3				Off	Cls	None	Min	For
03/18	00:18:03	22	484	81	232	104	0	103	Rel	3				Off	Cls	None	Min	For
03/18	00:18:02	22	604	81	232	104	0	103	Rel	3				Off	Cls	None	Min	For
03/18	00:18:01	22	724	82	232	104	0	103	Rel	3				Off	Cls	None	Min	For
03/18	00:18:00	22	845	82	224	104	0	105	Rel	3				Off	Cls	None	Min	For
03/18	00:17:59	22	966	81	224	104	0	105	Rel	3				Off	Cls	None	Min	For
03/18	00:17:58	22	1086	81	224	105	0	109	Rel	3				Off	Cls	None	Min	For
03/18	00:17:57	22	1206	81	224	105	0	109	Rel	3				Off	Cls	None	Min	For
03/18	00:17:56	22	1326	81	224	107	0	109	Rel	3				Off	Cls	None	Min	For
03/18	00:17:55	22	1446	81	224	107	0	109	Rel	3				Off	Cls	None	Min	For
03/18	00:17:54	22	1566	80	224	111	0	109	Rel	3				Off	Cls	None	Min	For
03/18	00:17:53	22	1685	80	232	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:17:52	22	1803	80	232	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:17:51	22	1922	80	232	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:17:50	22	2040	80	232	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:17:49	22	2159	80	232	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:17:48	22	2277	80	232	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:17:47	22	2396	80	232	111	0	109	Rel	3				Off	Cls	None	Rel	For
03/18	00:17:46	22	2514	80	232	111	0	109	Rel	3				Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle	Horn	Bell	PCS	Emer	AB	
		mile	feet							DI12345678	0123456789				Handle	Dir
03/18	00:17:45	22	2633	80	232	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:17:44	22	2752	80	232	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:17:43	22	2870	79	232	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:17:42	22	2988	79	312	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:17:41	22	3106	79	312	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:17:40	22	3223	79	312	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:17:39	22	3341	79	392	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:17:38	22	3458	78	392	111	0	109	Rel	3		Off	Cls	None	Rel	For
03/18	00:17:37	22	3574	78	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:36	22	3690	78	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:35	22	3806	78	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:34	22	3922	78	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:33	22	4039	78	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:32	22	4154	78	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:31	22	4271	78	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:30	22	4386	78	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:29	22	4501	78	392	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:28	22	4617	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:27	22	4732	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:26	22	4848	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:25	22	4963	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:24	22	5078	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:23	22	5194	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:22	23	29	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:21	23	144	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:20	23	260	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:19	23	375	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:18	23	490	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:17	23	606	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:16	23	721	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:15	23	836	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:14	23	952	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:13	23	1067	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:12	23	1182	78	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:11	23	1298	79	400	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:10	23	1414	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:09	23	1531	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:08	23	1647	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:07	23	1765	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:06	23	1882	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:05	23	2000	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:04	23	2118	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:03	23	2235	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:02	23	2353	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:01	23	2470	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:17:00	23	2588	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:16:59	23	2706	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:16:58	23	2823	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:16:57	23	2941	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:16:56	23	3058	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:16:55	23	3176	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:16:54	23	3294	79	384	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:16:53	23	3411	81	384	111	0	109	Rel	5		Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn			AB	
		mile	feet							DI12345678	0123456789	Bell	PCS	Emer	Handle	Dir
03/18	00:16:52	23	3530	81	464	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:16:51	23	3650	81	464	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:16:50	23	3768	81	464	111	0	109	Rel	5		Off	Cls	None	Rel	For
03/18	00:16:49	23	3888	81	472	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:48	23	4007	81	472	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:47	23	4127	81	472	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:46	23	4245	81	472	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:45	23	4365	81	472	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:44	23	4484	81	472	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:43	23	4603	81	472	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:42	23	4722	81	464	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:41	23	4842	81	504	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:40	23	4961	81	504	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:39	23	5081	81	504	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:38	23	5201	81	504	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:37	24	40	82	504	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:36	24	160	82	584	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:35	24	281	81	584	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:34	24	400	81	656	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:33	24	520	81	656	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:32	24	639	81	656	111	0	109	Rel	6		Off	Cls	None	Rel	For
03/18	00:16:31	24	758	81	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:30	24	878	81	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:29	24	997	80	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:28	24	1116	80	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:27	24	1235	80	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:26	24	1354	80	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:25	24	1472	80	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:24	24	1591	80	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:23	24	1710	80	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:22	24	1829	80	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:21	24	1948	80	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:20	24	2066	79	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:19	24	2184	78	664	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:18	24	2299	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:17	24	2415	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:16	24	2530	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:15	24	2645	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:14	24	2761	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:13	24	2876	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:12	24	2992	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:11	24	3107	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:10	24	3223	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:09	24	3338	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:08	24	3454	78	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:07	24	3569	76	680	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:06	24	3682	76	704	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:05	24	3795	76	704	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:04	24	3908	76	704	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:03	24	4021	76	704	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:02	24	4134	76	704	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:01	24	4247	76	704	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:16:00	24	4360	76	704	111	0	109	Rel	8		Off	Cls	None	Rel	For

Loco Num		140		Railroad		AM		GE IFC Data Analysis									
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4									
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics									
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa											
Date	Time	Distance		Speed	Load	AB	BC	EOT	Throttle		Horn		Bell	PCS	Emer	AB	Dir
		mile	feet						psi	psi	psi	psi					
03/18	00:15:59	24	4473	76	704	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:58	24	4585	76	704	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:57	24	4698	76	704	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:56	24	4811	76	704	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:55	24	4922	75	696	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:54	24	5033	75	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:53	24	5144	73	712	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:52	24	5253	73	720	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:51	25	82	73	720	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:50	25	190	73	720	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:49	25	299	73	720	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:48	25	407	73	720	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:47	25	516	73	720	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:46	25	624	72	720	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:45	25	731	72	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:44	25	836	72	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:43	25	942	72	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:42	25	1047	72	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:41	25	1153	72	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:40	25	1259	69	736	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:39	25	1362	69	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:38	25	1465	69	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:37	25	1568	69	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:36	25	1671	69	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:35	25	1774	69	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:34	25	1877	68	752	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:33	25	1977	68	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:32	25	2077	68	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:31	25	2177	68	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:30	25	2277	68	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:29	25	2377	68	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:28	25	2477	68	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:27	25	2577	66	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:26	25	2675	66	768	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:25	25	2773	66	784	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:24	25	2870	66	784	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:23	25	2967	64	784	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:22	25	3062	64	792	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:21	25	3157	64	792	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:20	25	3252	64	792	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:19	25	3346	64	792	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:18	25	3441	64	792	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:17	25	3536	62	792	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:16	25	3628	62	816	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:15	25	3720	62	816	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:14	25	3812	62	816	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:13	25	3905	62	816	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:12	25	3997	60	816	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:11	25	4086	60	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:10	25	4175	60	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:09	25	4264	60	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:08	25	4353	60	832	111	0	109	Rel	8			Off	Cls	None	Rel	For
03/18	00:15:07	25	4442	60	832	111	0	109	Rel	8			Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn		AB		
		mile	feet							DI12345678	0123456789	Bell	PCS	Emer	Handle	Dir
03/18	00:15:06	25	4531	60	832	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:15:05	25	4620	58	832	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:15:04	25	4707	58	848	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:15:03	25	4793	58	848	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:15:02	25	4878	58	848	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:15:01	25	4964	58	848	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:15:00	25	5050	56	848	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:59	25	5133	56	880	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:58	25	5216	56	880	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:57	26	19	56	880	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:56	26	102	56	880	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:55	26	184	56	880	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:54	26	267	55	880	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:53	26	348	54	880	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:52	26	429	54	888	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:51	26	509	53	888	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:50	26	587	53	888	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:49	26	665	53	888	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:48	26	743	53	888	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:47	26	821	51	888	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:46	26	896	51	928	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:45	26	971	51	928	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:44	26	1047	51	928	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:43	26	1122	51	928	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:42	26	1197	48	928	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:41	26	1269	48	968	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:40	26	1342	48	968	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:39	26	1413	48	968	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:38	26	1486	48	968	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:37	26	1557	46	968	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:36	26	1626	46	968	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:35	26	1695	46	968	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:34	26	1764	46	968	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:33	26	1833	46	968	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:32	26	1901	44	968	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:31	26	1967	44	1016	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:30	26	2033	44	1016	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:29	26	2099	44	1016	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:28	26	2164	42	1016	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:27	26	2227	42	1080	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:26	26	2290	42	1080	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:25	26	2353	42	1080	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:24	26	2415	40	1080	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:23	26	2475	40	1120	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:22	26	2534	40	1120	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:21	26	2594	40	1120	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:20	26	2653	38	1120	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:19	26	2710	38	1160	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:18	26	2766	38	1160	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:17	26	2823	38	1160	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:16	26	2879	36	1160	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:15	26	2933	36	1184	111	0	109	Rel	8		Off	Cls	None	Rel	For
03/18	00:14:14	26	2987	36	1184	111	0	109	Rel	8		Off	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle	Horn	Bell	PCS	Emer	AB Handle	Dir	
		mile	feet							DI12345678	0123456789						
03/18	00:14:13	26	3040	34	1184	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:12	26	3091	34	1232	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:11	26	3141	34	1232	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:10	26	3192	34	1232	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:09	26	3242	32	1232	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:08	26	3290	32	1192	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:07	26	3337	32	1192	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:06	26	3385	32	1192	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:05	26	3432	29	1192	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:04	26	3476	29	1096	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:03	26	3521	29	1096	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:02	26	3565	28	1096	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:01	26	3607	28	1016	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:14:00	26	3650	28	1016	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:59	26	3691	27	984	111	0	109	Rel	8		ON	Cls	None	Rel	For	
03/18	00:13:58	26	3732	27	968	111	0	109	Rel	8	h h	hhhhh	ON	Cls	None	Rel	For
03/18	00:13:57	26	3772	26	944	111	0	109	Rel	8		hh h	Off	Cls	None	Rel	For
03/18	00:13:56	26	3811	26	872	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:55	26	3851	25	872	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:54	26	3889	25	808	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:53	26	3927	24	808	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:52	26	3963	24	736	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:51	26	4000	24	736	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:50	26	4037	23	736	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:49	26	4072	23	648	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:48	26	4108	23	648	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:47	26	4143	23	648	111	0	109	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:46	26	4177	23	576	111	0	108	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:45	26	4211	23	576	111	0	108	Rel	8		Off	Cls	None	Rel	For	
03/18	00:13:44	26	4245	22	576	111	0	108	Rel	8		ON	Cls	None	Rel	For	
03/18	00:13:43	26	4278	22	504	111	0	108	Rel	8		ON	Cls	None	Rel	For	
03/18	00:13:42	26	4311	22	504	111	0	108	Rel	8		ON	Cls	None	Rel	For	
03/18	00:13:41	26	4344	22	504	111	0	108	Rel	8		ON	Cls	None	Rel	For	
03/18	00:13:40	26	4376	22	504	111	0	108	Rel	8		ON	Cls	None	Rel	For	
03/18	00:13:39	26	4409	20	504	111	0	108	Rel	8		ON	Cls	None	Rel	For	
03/18	00:13:38	26	4440	20	536	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:37	26	4470	20	536	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:36	26	4500	20	536	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:35	26	4531	20	536	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:34	26	4561	20	536	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:33	26	4592	20	536	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:32	26	4622	20	536	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:31	26	4653	20	536	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:30	26	4683	20	536	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:29	26	4714	18	536	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:28	26	4741	18	592	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:27	26	4769	18	592	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:26	26	4796	18	592	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:25	26	4824	18	592	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:24	26	4852	18	592	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:23	26	4879	18	592	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:22	26	4907	18	592	111	0	108	Rel	3		ON	Cls	None	Rel	For	
03/18	00:13:21	26	4934	18	592	111	0	108	Rel	3		ON	Cls	None	Rel	For	

Loco Num		140		Railroad		AM		GE IFC Data Analysis									
Total Dist		743 mi 2226 ft		Wheel Size		40.00"		Version 3.4									
Data Start		03/18/01 12:40:00		Milepost		419.96		WABCO Railway Electronics									
Data End		03/16/01 12:00:00		POR		Nodaway, Iowa											
Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle		Horn	Bell	PCS	Emer	AB Handle	Dir
		mile	feet							D112345678	0123456789						
03/18	00:13:20	26	4962	16	592	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:19	26	4986	16	640	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:18	26	5011	16	640	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:17	26	5036	16	640	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:16	26	5060	16	640	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:15	26	5084	16	640	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:14	26	5109	16	640	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:13	26	5133	16	640	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:12	26	5158	16	640	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:11	26	5182	14	640	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:10	26	5204	14	680	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:09	26	5225	14	680	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:08	26	5247	14	680	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:07	26	5268	14	680	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:06	27	9	14	680	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:05	27	31	14	680	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:04	27	52	14	680	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:03	27	74	13	680	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:02	27	94	12	776	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:01	27	113	12	968	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:13:00	27	131	12	968	111	0	108	Rel	3			ON	Cls	None	Rel	For
03/18	00:12:59	27	150	12	984	111	0	108	Rel	4			ON	Cls	None	Rel	For
03/18	00:12:58	27	168	10	984	111	0	108	Rel	4			ON	Cls	None	Rel	For
03/18	00:12:57	27	183	10	936	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:56	27	199	10	936	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:55	27	214	10	936	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:54	27	229	10	936	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:53	27	245	7	936	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:52	27	257	7	880	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:51	27	269	7	880	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:50	27	280	7	880	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:49	27	292	7	880	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:48	27	304	6	880	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:47	27	313	6	800	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:46	27	322	6	800	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:45	27	331	4	800	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:44	27	339	4	704	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:43	27	346	4	704	111	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:42	27	352	4	640	110	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:41	27	359	4	640	110	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:40	27	365	3	640	110	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:39	27	370	3	744	110	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:38	27	375	3	744	110	0	108	Rel		8		ON	Cls	None	Rel	For
03/18	00:12:37	27	380	2	728	110	0	108	Rel	2			ON	Cls	None	Rel	For
03/18	00:12:36	27	383	2	672	110	0	106	Rel	2			ON	Cls	None	Rel	For
03/18	00:12:35	27	387	2	672	110	0	106	Rel	2			ON	Cls	None	Rel	For
03/18	00:12:34	27	390	2	672	110	0	106	Rel	2			ON	Cls	None	Rel	For
03/18	00:12:33	27	394	2	672	110	0	106	Rel	2			ON	Cls	None	Rel	For
03/18	00:12:32	27	397	1	672	110	0	106	Rel	2			ON	Cls	None	Rel	For
03/18	00:12:31	27	400	1	600	110	0	106	Rel	2			ON	Cls	None	Rel	For
03/18	00:12:30	27	402	1	464	110	0	106	Rel	2			ON	Cls	None	Rel	For
03/18	00:12:29	27	403	1	320	110	0	106	Rel	2			ON	Cls	None	Rel	For
03/18	00:12:28	27	405	0	320	110	0	106	Rel	2			ON	Cls	None	Rel	For

Loco Num	140	Railroad	AM	GE IFC Data Analysis
Total Dist	743 mi 2226 ft	Wheel Size	40.00"	Version 3.4
Data Start	03/18/01 12:40:00	Milepost	419.96	WABCO Railway Electronics
Data End	03/16/01 12:00:00	POR	Nodaway, Iowa	

Date	Time	Distance		Speed mph	Load amps	AB psi	BC psi	EOT psi	IBS	Throttle	Horn	Bell	PCS	Emer	AB		
		mile	feet							DI12345678	0123456789				Handle	Dir	
03/18	00:12:27	27	406	0	320	110	0	106	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:26	27	407	0	320	110	0	106	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:25	27	407	0	320	110	0	106	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:24	27	407	0	320	110	0	106	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:23	27	407	0	320	110	0	106	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:22	27	407	0	320	109	0	104	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:21	27	407	0	320	109	0	104	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:20	27	407	0	320	109	0	104	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:19	27	407	0	320	109	0	104	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:18	27	407	0	320	109	0	104	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:17	27	407	0	320	109	0	104	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:16	27	407	0	312	109	0	102	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:15	27	407	0	312	109	0	102	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:14	27	407	0	312	109	0	102	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:13	27	407	0	312	109	0	102	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:12	27	407	0	320	108	0	100	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:11	27	407	0	320	108	0	100	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:10	27	407	0	320	108	0	100	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:09	27	407	0	288	107	0	98	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:08	27	407	0	288	107	0	98	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:07	27	407	0	288	107	0	98	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:06	27	407	0	280	107	0	96	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:05	27	407	0	368	106	0	96	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:04	27	407	0	632	106	0	96	Rel	1		ON	Cls	None	Rel	For	
03/18	00:12:03	27	407	0	632	105	1	94	Rel	1	hhh	ON	Cls	None	Rel	For	
03/18	00:12:02	27	407	0	184	104	7	92	Rel	1	hh	ON	Cls	None	Rel	For	
03/18	00:12:01	27	407	0	0	104	10	92	Rel	1	h hh	ON	Cls	None	Rel	For	
03/18	00:12:00	27	407	0	0	103	8	87	Rel	1	h h	ON	Cls	None	Rel	For	
03/18	00:11:59	27	407	0	0	102	12	87	Rel	1		h	ON	Cls	None	Rel	For
03/18	00:11:58	27	407	0	0	99	35	87	Rel	1			ON	Cls	None	Rel	For
03/18	00:11:57	27	407	0	0	94	62	87	Rel	1			ON	Cls	None	Rel	For
03/18	00:11:56	27	407	0	0	88	71	87	App	1			ON	Cls	None	Rel	For
03/18	00:11:55	27	407	0	0	88	71	87	App	1			ON	Cls	None	Rel	For
03/18	00:11:54	27	407	0	0	88	71	87	App	1			Off	Cls	None	Rel	For
03/18	00:11:53	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For
03/18	00:11:52	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For
03/18	00:11:51	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For
03/18	00:11:50	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For
03/18	00:11:49	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For
03/18	00:11:48	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For
03/18	00:11:47	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For
03/18	00:11:46	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For
03/18	00:11:45	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For
03/18	00:11:44	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For
03/18	00:11:43	27	407	0	0	88	71	87	App	1			Off	Cls	None	Supp	For