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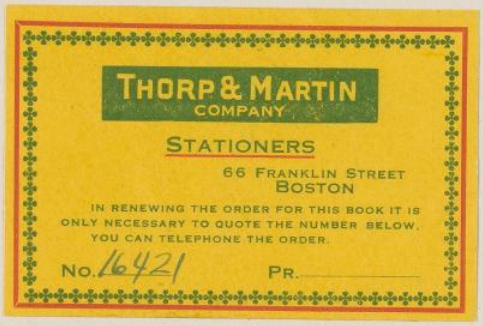
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m.m— RB 2202 – Nov. 29, 1932.

Strip	Star	class	y	x	Defl.	Defl.	Cl.	Dk.	volt.
15.0	1	s	1498	712	992	—	1000	496	5.05
	1	f	1505	922	728	787	1000	491	
15.4	2	f	1542	592	612	591	988	486	
15.6	3	f	1576	722	732	812	988	482	
15.8	2	s	1579	578	820	—	989	478	
16.0	3	s	1615	480	1006	—	1000	472	
	4	s	1605	748	535	—	949	469	
	4	f	1608	762	663	721	942	482	
16.4	5	f	1650	736	837	898	968	478	
16.6	5	s	1662	562	651	—	1012	479	
	6	f	1669	714	648	640	995	472	
	7	f	1678	1130	678	686	1018	478	
16.8	6	s	1682	780	740	—	965	472	
	7	s	1695	789	772	—	978	472	
	8	s	1688	1102	485	—	980	482	
	9	s	1680	1132	962	—	1008	478	
17.0	8	f	1717	578	608	612	1012	475	
	10	s	1715	602	908	—	995	472	
	9	f	1698	800	882	858	982	478	
17.2	10	f	1728	515	748	752	992	477	
	11	s	1729	637	1010	—	1022	478	
	12	s	1728	590	808	—	991	475	
	11	f	1733	1122	774	783	981	479	
17.4	13	s	1750	385	886	—	1012	472	
	14	s	1755	462	482	—	1008	479	
	15	s	1749	483	672	—	1002	472	
	16	s	1750	572	970	—	1000	463	
	17	s	1745	1162	891	—	991	457	
	18	s	1753	1285	728	—	999	458	
17.6	12	f	1759	989	568	552	989	443	

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α-Dk	Defl-Dk.	Red. Defl.	mags.
504	496	925	
509	267	525	
502	116	231	
506	290	573	
511	342	669	
528	534	1010	
480	66	137	
460	205	446	
490	390	798	
533	172	323	
523	172	329	
530	204	385	
493	268	543	
506	300	593	
498	3	6	
530	484	913	
537	135	251	
523	436	834	
504	392	779	
515	273	531	
544	532	979	
516	333	645	
502	300	598	
540	414	768	
529	3	6	
530	200	378	
537	507	944	
534	434	813	
541	270	499	
546	117	214	

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strip	star	class	y	x	Dcfl.	Dcfl.	cl.	Dk volt.
	13	f	1772	1232	790	781	1002	445
17.8	19	s	1782	362	462	—	998	438
	14	f	1795	848	852	828	952	443
	20	s	1780	1178	470	—	988	448
18.0	21	s	1800	820	831	—	952	445
	22	s	1802	845	622	—	958	438
18.2	15	f	1829	824	851	895	972	442
	23	s	1822	838	765	—	972	440
	16	f	1828	1168	935	938	1005	431
18.4	24	s	1840	970	798	—	972	436
18.6	17	f	1874	782	922	902	941	422
	18	f	1862	987	500	512	981	428
	19	f	1866	1122	578	562	972	432
	20	f	1868	1300	861	902	979	423
18.8	21	f	1894	435	830	896	988	421
	25	f	1892	872	865	—	978	418
	26	f	1893	1052	955	—	982	422
	22	f	1879	1230	622	631	996	420
	27	s	1888	1280	789	—	983	422
19.0	23	f	1908	1110	882	918	982	417
19.2	24	f	1935	320	880	855	1008	418
	28	s	1919	452	880	—	1012	418
19.4	25	f	1947	415	760	752	1006	422
	26	f	1946	832	732	778	958	414
19.8	29	s	1984	456	922	—	995	412
	27	f	1980	469	770	811	1005	422
	28	f	1982	1345	661	611	991	412
	30	s	2000	736	558	—	1068	410
20.0								
20.2	29	f	2022	286	672	679	992	408
	31	s	2020	410	514	—	989	412

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α-Dk.	Defl.-Dk.	Red. Defl.	Magn
557	341	612	
560	24	43	
509	397	781	
540	22	41	
507	386	761	
520	184	354	
530	431	815	
532	325	611	
514	505	880	
536	362	675	
519	490	945	
553	78	141	
540	138	256	
556	459	825	
561	442	780	
560	447	398 ~~752~~	
560	633	953	
516	207	359	
561	367	654	
565	483	855	
590	450	763	
594	462	779	
584	334	572	
544	341	628	
583	510	875	
583	369	633	
579	224	387	
~~658~~ 658	148	225	
586	268	459	
577	102	177	

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m.m. — RB 2202 — Nov. 29, 1932

Strip	Star	Class	y	x	Dgfl.	Dgfl.	Cl.	Dk.	volt
	32	s	2024	829	680	—	941	404	
	30	f	2022	928	572	625	929	399	
20.4	33	s	2042	408	734	—	988	408	
	34	s	2053	747	842	—	942	410	
	35	s	2040	944	586	—	952	398	
	31	f	2046	1338	872	848	990	408	
same star	33@	s	2045	408	738	—	982	408	
20.6	32	f	2070	341	592	621	988	412	
	33	f	2059	410	673	710	1005	415	
20.8	34	f	2091	363	878	842	992	412	
	35	f	2091	565	460	472	972	410	
	36	f	2090	655	505	559	969	405	
	37	f	2082	661	492	469	952	402	
	36	s	2083	775	781	—	955	404	
21.0	37	s	2100	284	609	—	1002	405	
	38	s	2110	450	718	—	998	408	
	39	s	2114	756	662	—	968	400	
	40	s	2102	1015	780	—	971	409	
21.2	38	f	2184	449	705	702	1011	411	
	39	f	2128	592	920	852	968	408	
	41	s	2125	589	812	—	971	406	
	42	s	2135	592	795	—	962	408	
	40	f	2125	999	922	908	978	415	
	43	s	2120	1020	828	—	972	418	
	44	s	2135	1332	525	—	991	420	
21.4	41	f	2144	326	745	749	975	410	
	42	f	2138	365	848	881	982	418	
	43	f	2133	450	728	652	995	411	
	44	f	2152	710	820	805	965	418	
	45	s	2150	1352	628	—	989	420	

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Obs.	Defl. Ob.	Red. Def.	Mag.
537	276	514	
528	200	379	
580	326	562	
532	432	813	
554	188	340	
582	452	778	
574	330	575	
576	195	359	
590	277	470	
586	448	773	
562	56	99	
564	127	225	
550	79	143	
551	377	683	
597	204	342	
590	310	526	
568	262	461	
562	371	660	
600	293	489	
560	478	855	
565	406	720	
554	387	700	
563	500	889	
554	410	741	
571	105	184	
565	337	596	
564	446	792	
584	279	478	
547	395	723	
569	208	366	

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m.m. – RB. 2202 – Nov. 29, 1932.

Strip	Star	Class	y	x	Defl.	Defl.	Cl.	Dk.	Volt
21.6	46	s	2165	1209	715	—	972	420	
21.8	45	f	2188	471	778	792	972	410	
	46	f	2182	500	952	941	981	418	
	47	s	2188	1098	738	—	958	414	5.04

J.mc J. – RB 2202 — Nov. 30, 1932

21.8	47	f	2185	840	860	832	1124	530	500
	48	f	2181	369	1004	1010	1148	550	
	47②	s	2189	968	882	—	1118	550	
22.0	49	f	2204	404	976	944	1092	534	
	50	f	2200	650	942	962	1072	528	
	51	f	2210	942	992	1018	1074	516	
22.2	48	s	2220	560	684	—	1040	508	
	49	s	2231	657	802	—	1010	488	
	52	f	2219	996	938	902	1018	498	
22.4	53	f	2251	293	864	864	1008	478	
	54	f	2250	368	932	900	1018	474	
	50	s	2252	391	668	—	1009	470	
	51	s	2240	629	616	—	1018	468	
22.6	55	f	2264	440	862	952	1052	492	
	56	f	2272	808	850	846	1016	500	
	52	s	2271	860	850	—	1028	508	
22.8	53	s	2280	635	854	—	1070	512	
	54	s	2290	962	948	—	1062	552	
	57	f	2292	991	632	638	1104	532	
23.0	58	f	2303	469	928	902	1094	520	
	59	f	2314	558	826	848	1113	520	
	60	f	2300	659	1010	1042	1140	562	
	61	f	2310	858	1028	1066	1146	572	
	62	s	2310	861	1060	—	1148	574	
	68	s	2310	889	930	—	1156	568	

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α-Dn.	Decl-Dn	Red. Def.	Magn.
552	295	534	
562	375	667	
563	529	940	
544	324	596	
~~594~~	~~350~~	—	
594	316	532	
598	457	765	
568	~~176~~ 332	588	
558	426	764	
544	424	780	
558	489	875	
532	~~314~~ 176	331	
532	~~198~~ 314	590	
520	422	813	
530	386	729	
534	442	828	
539	~~148~~ 198	368	
550	~~342~~ 148	269	
510	415	~~800~~ 815	
516	348	675	
520	~~342~~ 342	658	
558	~~396~~ 342	613	
510	~~486~~ 396	777	
572	103	181	
574	395	679	
593	317	535	
578	464	803	
574	471	822	
574	486	848	
588	362	615	

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J + McJ – RB 2202 – Nov. 30, 1932.

Strip	Star	Class	y	x	Defl.	Defl.	Cl	Dk	Volt.
23.2	62	f	2330	282	870	850	1160	560	500
	63	f	2320	392	940	896	1148	560	
	55	s	2322	530	779	—	1122	548	
	64	f	2321	619	1010	1000	1150	532	
	65	f	2320	720	852	870	1059	532	
	66	f	2320	760	612	628	1020	520	
	67	f	2321	911	878	834	1028	508	
	68	f	2320	1027	942	938	1084	512	
23.4	56	s	2350	308	722	—	1080	512	
	69	f	2350	~~344~~ 356	849	830	1070	498	
	70	f	2361	456	816	788	1060	488	
	71	f	2354	711	748	728	998	480	
	72	f	2340	1080	742	692	1022	482	
23.6	~~57~~	~~s~~	~~2378~~	~~365~~	~~852~~	—	~~1062~~	~~473~~	
	58	s	~~2372~~	~~434~~	~~889~~	—	1018	471	
	~~59~~	~~s~~	~~2371~~	~~437~~	~~888~~	—	~~1048~~	~~467~~	
	60	s	2378	365	852	—	1062	476	
	73	f	2371	437	909	913	1057	471	
	74	f	2371	568	863	862	1022	464	
	61	s	2362	1049	673	—	1047	472	
	75	f	2378	1043	816	833	1026	462	
23.8	76	f	2397	558	949	1007	1016	472	
24.0	62	s	2400	928	643	—	988	468	
24.2	63	s	2421	652	763	—	987	463	
	64	s	2432	700	758	—	977	462	
24.4	65	s	2453	708	893	—	982	463	
24.6	77	f	2468	638	606	607	983	463	
	78	f	2459	1011	873	867	997	469	
25.0	79	f	2515	600	857	870	982	463	
	80	f	2540	658	722	723	1006	473	

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Q-Dk.	Df-Dk	Red. Df.	Magn.
605	300	500	
588	358	609	
574	231	403	
618	473	765	
627	329	525	
500	100	200	
520	348	669	
512	428	748	
568	210	369	
572	442	773	
562	344	612	
518	258	498	
540	235	435	
—	—	—	
—	—	—	
—	—	—	
589	379	644	
586	470	802	
558	399	715	
515	201	350	
561	363	647	
544	506	930	
520	175	337	
524	300	573	
515	296	575	
519	430	828	
520	144	277	
528	401	760	
519	401	774	
533	250	469	

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dJ - RB 2202 - Nov. 30, 1932.

Strip	Class	Star	y	x	Δfl	Δfl	Cl	Δk	Falls
	s 66 X	2004	750	940	~~f~~	979	463		
25.4	f 81	2040	~~6~~79	613	622	988	~~#~~ 1	460	500
	s 67 V		2000	660	453	—	972		
	f								

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α-Dn.	Dpfl Dh	Rel. Dpfl.	Magn.
516	477	924	
528	158	242	

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M.M. — RB 2225 — Nov. 30, 1932.

Strip	Star	Class	y	x	Diff.	Diff.	Cl.	Dk.	volt.
15.20	1	s	1523	910	1048	—	1018	462	5.00
15.6	1	f	1570	633	892	946	1048	458	
15.8	2	s	1589	905	1008	—	1050	461	
	3	s	1596	1020	1031	—	1014	455	
16.0	2	f	1600	728	852	869	1028	448	
	4	s	1600	762	503	—	1005	452	
	5	s	1602	1110	542	—	1002	449	
16.4	3	f	1640	757	548	552	1012	443	
17.2	6	s	1735	450	872	—	1022	452	
	4	f	1737	712	841	848	1012	450	
	5	f	1730	946	858	852	992	452	
17.4	6	f	1755	908	800	802	998	455	
17.6	7	f	1758	1028	869	862	1002	458	
18.0	7	s	1808	578	882	—	1012	450	
18.2	8	s	1820	348	1098	—	1018	460	
	8	f	1820	715	768	818	1032	488	
	9	f	1837	1050	838	781	1048	486	
18.4	10	f	1848	371	910	938	1042	482	
18.8	9	s	1881	358	728	—	1058	478	
	10	s	1878	378	1018	—	1050	475	
	11	f	1880	588	915	882	1029	472	
	11	s	1880	639	928	—	1033	478	
19.0	12	f	1910	1152	698	709	1008	468	
19.2	12	s	1920	664	892	—	1018	468	
19.4	13	f	1945	383	742	758	1038	468	
	14	f	1950	704	808	848	1000	461	
	13	s	1958	895	502	—	988	467	
19.6	14	s	1968	412	492	—	1032	492	
19.8	15	s	1995	358	548	—	1038	468	
	16		1980	561	514	—	1042	458	

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C-Or.	Diff-Dk.	Rel. Diff. Magn.
556	586	1051
540	464	787
591	547	926
559	576	1030
580	413	713
553	51	92
553	93	168
569	107	188
510	420	737
562	395	703
540	403	747
543	346	637
544	408	752
562	432	769
558	558	1000
544	305	561
562	324	577
560	442	852
580	250	432
575	543	942
551	427	762
565	450	811
540	236	437
550	424	771
570	282	495
539	367	681
521	35	67
542	0	000
510	80	148
584	56	96

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m m R.B. 2225 — Nov. 30, 1932.

Strip	Star	Class	y	x	Defl.	Defl.	Cl.	Dk.	volts
	17	s	2010	262	750	—	998	452	
	18	s	2003	392	574	—	1025	450	
	19	s	2010	540	941	—	1018	458	
	20	s	2010	680	868	—	1008	462	
	21	s	2012	1182	852	—	975	462	
20.2	22	s	2024	280	940	—	1025	458	
	23	s	2028	432	953	—	1014	468	
	24	s	2020	920	659	—	986	472	
omit	(outside aids)	s	2020	1362	889	—	995	463	
20.4	15	f	2050	279	828	871	1012	477	4.95
20.6	16	f	2062	604	820	808	1022	482	
	25	s	2075	1259	558	—	982	473	
20.8	26	s	2098	441	871	—	1001	481	
	27	s	2085	559	1011	—	1017	488	
	28	s	2083	900	872	—	992	470	
21.0	17	f	2110	518	849	852	1028	485	
	29	s	2102	630	520	—	988	471	
	18	f	2115	662	802	758	992	463	
21.2	30	s	2136	674	725	—	989	461	
21.4	31	s	2155	1082	733	—	971	472	
21.6	19	f	2150	1289	778	772	962	458	
21.6	20	f	2170	801	728	738	968	462	
21.8	32	s	2182	296	700	—	1000	460	
	21	f	2195	712	865	882	1012	462	
	33	s	2185	1292	718	—	978	468	
				gmc. 11-30-32.					
22.0	22	f	2215	708	933	918	1012	468	4.95
	23	f	2198	809	871	850	984	478	
22.2	34	s	2231	971	787	—	980	480	
	35	s	2232	1130	786	—	980	492	

changed cutting

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α-Dh.	Def-Dh	Red. Defl. Magn.
546	298	576
515	124	216
560	483	863
546	406	743
513	390	760
567	282	497
546	485	888
513	187	365
532	426	801
535	373	697
540	166	308
509	85	167
520	380	750
529	523	990
522	402	770
543	366	674
517	49	~~948~~ 945
529	317	600
528	264	500
499	261	523
504	317	629
506	271	535
540	240	444
552	412	746
510	250	490
	—	—
544	458	844
506	383	757
510	307	602
488	294	603

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18 gmc. R.B 2225 11-30-32.

Strip	Star	class	y	x	Dfl	Dfl	cl	Dl.	Vel
22.2	34 ②	a	2231	971	948	—	1090	543	5.33
	35 ②	a	2232	1130	920	—	1126	565	
22.4	36	a	2240	482	1005	—	1072	557	
	24	f	2240	715	892	810	1052	579	
22.6	37	a	2270	~~567~~ 719	644	—	1068	572	
	38	a	2261	810	835	—	1071	573	
	39	a	2260	959	728	—	1090	581	
22.8	25	f	2283	798	600	595	1060	545	
	40	a	2287	992	890	—	1052	521	
	41	a	2280	1223	919	—	1038	520	
23.0	26	f	2310	553	553	555	1038	514	
	42	a	2310	1115	560	—	1022	508	
	27	f	2312	1122	633	661	1042	503	
23.2	28	f	2320	805	955	940	1035	502	
23.4	43	a	2350	704	980	—	1058	491	
	29	f	2339	1132	820	845	1050	490	
23.6	30	f	2362	531	810	807	1048	489	
	44	a	2370	851	928	—	1049	483	
23.8	45	a	2395	610	878	—	1044	480	578
	31	f	2378	780	841	802	1040	470	
	32	f	2380	904	903	932	1020	478	
	33	f	2390	1153	743	778	1026	480	
24.0	34	f	2401	673	649	601	1029	474	
	35	f	2414	810	942	950	1030	479	
	46	a	2405	1031	735	~~1015~~	1013	473	
24.6	47	a	2459	780	892	—	1038	471	
24.8	48	a	2480	511	822	—	1032	472	
	36	f	2489	676	515	563	1028	468	
	37	f	2490	766	883	834	1010	463	
25.2	38	f	2528	783	938	945	1038	468	
	49	a	2535	864	904	—	1022	469	

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Q-Dh.	Defl-Dh ~~Red. Defl~~	Red. Defl.	Magn.
447	405	907	
461	355	770	
415	448	1080	
463	302	653	
496	72	145	
498	262	526	
509	147	289	
515	53	103	
521	359	689	
518	399	770	
524	40	764	
514	52	98	
539	144	269	
533	446	837	
567	489	863	
560	343	612	
559	320	572	
566	~~440~~ 398	787	
564	~~262~~	707	
570	352	618	
542	440	812	
546	281	515	
555	151	273	
551	467	848	
540	~~421~~ 262	485	
567	~~350~~ 421	744	
550	350	637	
560	101	181	
547	396	~~224~~	
570	474	787	
553	435	788	

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jmc. RB 2225 11-30-32.

Strip	Star	Class	y	x	Dyf	Dyf	Cl	Dk	Volt
25.6	39	f	2559	734	610	607	1019	472	5.30
	Plate	Finished	(						

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Ce-Dk.	Def-Dk.	Rel. Defl.	Magn.
5 47	137	25	

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m.m. – RB 2213 – Nov. 30, 1932.

Strip	Star	Class	y	x	Dyl.	Dyl.	Cl.	Dk.	Volt.
16.0	1	s	1518	1865	1010	—	1030	458	5.25
16.0	1	f	1600	1082	475	472	1078	455	
16.2	2	s	1628	939	815	—	1058	452	
16.4	3	s	1650	628	620	—	1069	452	
16.6	4	s	1659	628	622	—	1058	458	
	2	f	1663	988	588	581	1068	452	
16.8	5	s	1693	507	498	—	1100	450	
17.0	6	s	1712	642	828	—	1072	460	
17.2	7	s	1721	720	859	—	1059	458	
17.4	8	s	1752	550	875	—	1118	461	
	9	s	1742	796	1058	—	1082	456	
17.6	10	s	1768	1249	920	—	1112	469	
18.4	3	f	1839	608	908	940	1108	468	
	4	f	1856	1009	840	828	1088	452	
18.6	5	f	1872	461	618	621	1142	457	
18.8	6	f	1895	958	533	530	1072	448	
	11	s	1878	1190	590	—	1082	451	
19.0	7	f	1900	948	908	842	1062	438	
19.2	12	s	1933	512	889	—	1102	442	
19.4	13	s	1951	391	1028	—	1168	440	
	14	s	1954	658	668	—	1082	438	
19.6	15	s	1970	670	682	—	1082	446	
19.8	16	s	1998	488	918	—	1089	442	
	8	f	1990	650	590	591	1092	448	
20.0	9	f	2011	625	935	891	1083	441	
	10	f	2010	732	741	782	1051	438	
20.2	11	f	2028	580	800	788	1080	448	
20.4	12	f	2052	1210	810	793	1088	452	
20.6	17	s	2062	815	648	—	1083	455	
	13	f	2065	838	871	931	1070	448	

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α-Dk	Def:Dk.	Red.Def.	Magn.
~~477~~ 572	552	965	1
623	19	31	
606	363	598	
617	168	278	
655	164	274	
616	133	216	
660	43	65	
612	368	602	
601	401	668	
657	414	630	
626	602	962	
643	451	712	
640	456	713	
636	382	600	
685	163	238	
624	84	135	
631	139	220	
624	437	700	
660	447	677	
728	588	809	
644	230	358	
636	236	371	
645	476	739	
644	143	222	
642	472	735	
613	324	528	
632	346	547	
636	350	550	
628	193	307	
629	453	729	

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m.m. — RB 2213 — Nov 30, 1932.

Strip	Star	Class	y	x	Defl.	Defl.	Ck.	Dk.	volt
	18	s	2075	952	682	—	1112	478	
	19	s	2078	1200	632	—	1093	462	
	20	s	2091	1322	899	—	1098	451	
21.0	21	s	2100	370	977	—	1152	458	
21.2	22	s	2120	499	603	—	1110	448	
21.4	23	s	2150	339	525	—	1133	442	
	14	f	2136	800	877	898	1068	442	
21.6	15	f	2163	772	491	482	1053	432	
	16	f	2162	1276	890	952	1069	438	
22.0	17	f	2202	881	635	648	1052	432	
22.2	18	f	2220	764	601	602	1032	438	
22.4	19	f	2255	350	922	902	1131	431	
	24	s	2250	1328	635	—	1038	422	
22.6	25	s	2261	829	970	—	1062	432	
22.8	20	f	2276	399	876	892	1111	432	
23.0	21	f	2307	982	778	757	1088	431	
23.4	22	f	2340	1142	732	690	1071	428	
23.6	26	s	2359	452	490	—	1092	429	
23.8	27	s	2392	589	910	—	1082	430	
24.0	23	f	2410	548	871	841	1073	420	
	28	s	2402	742	888	—	1030	418	
24.2	29	s	2432	1092	842	—	1069	428	
24.4	30	s	2452	852	680	—	1042	430	
	31	s	2453	925	608	—	1032	420	
	24	f	2445	1120	550	558	1068	423	
25.0	25	f	2503	861	550	493	1048	427	
25.2	32	s	2525	720	497	—	1064	423	5.20

Start finished.

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α-Dr.	Dif-Dr.	Rd. Dff.	Magn.
634	204	322	
631	170	269	
647	448	693	
694	519	748	
662	155	234	
691	83	119	
626	446	713	
621	445	725	
631	483	765	
620	210	339	
594	164	276	
700	481	688	
616	213	346	
630	538	855	
677	352	520	
657	337	513	
643	283	440	
663	61	92	
652	480	736	
653	436	668	
613	470	768	
641	414	645	
613	256	408	
612	188	307	
645	131	203	
621	95	153	
641	74	115	

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J. F. M. J. ~~Nov 3~~ Dec 1/32 R.B 2239

Strip	Star	Class	y	x	Deff	Deff	Cc	Dk	Volts
15.0	1	f	1490	774	771	762	1122	502	505
15.2	1	s	1533	849	984	—	1134	502	
15.4	2		—	—	—	—	—	+	
15.6	3	s	1578	570	788	—	1160	504	
15.8	2	f	1579	476	1128	1078	1182	506	
	3	f	1690	957	512	512	1178	498	
160	4	s	1610	799	698	—	1148	496	
	5	s	1610	870	1042	—	1174	500	
16.2	6	s	1632	958	920	—	1172	490	
16.4	4	f	1654	861	596	594	1170	500	
16.6	5	f	1670	374	1040	1102	1160	509	
16.8	7	s	1690	719	938	—	1190	514	
	6	f	1689	784	980	962	1168	520	
	8	s	1681	793	1058	—	1168	518	
17.0	9	—	—	—	—	—	—	—	
17.2	7	f	1720	802	1060	1030	1150	502	
	8	f	1730	440	1042	1030	1164	500	
17.4	9	f	1751	267	864	860	1132	500	
	10	s	1742	392	938	—	1152	500	
	11	s	1758	739	1078	—	1142	490	
17.6	10	f	1760	304	1042	1038	1120	490	
	12	s	1774	409	962	—	1109	490	
17.8	13	—	—	—	—	—	—	—	
18.0	11	f	1808	361	894	950	1090	460	
18.2	12	f	1822	269	900	890	1076	490	
	13	f	1830	468	790	800	1090	466	
	14	s	1819	980	900	~~1092~~	1092	480	
18.4	15	s	1840	270	968	—	1084	472	
	14	f	1840	420	1056	1040	1094	474	
	15	f	1850	488	990	998	1158	479	

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α-0h.	Dy-DK.	Red. Dyl.	Magn.
620	265	427	
632	482	762	
656	284	433	
676	597	884	
680	14	21	
652	102	156	
674	542	804	
682	430	631	
670	95	141	
651	562	864	
676	424	627	
648	451	696	
650	540	831	
648	543	838	
664	536	808	
632	362	573	
652	438	672	
652	588	903	
630	550	873	
619	472	763	
630	462	733	
606	425	701	
624	329	528	
612	320	522	
612	496	812	
620	559	902	
679	515	759	

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28	~~16~~	S	1851	862	962	—	1168	478	
Strip	Star	Class	Y	X	Defl.	Defl.	el	Dec	Volts
	16	f	1848	882	788	792	1140	482	
	17	f	1840	1171	962	988	1180	482	
	Repeat 15a								
18.4	15	S	1850	270	970	—	1130	480	
	18	f	1840	420	1042	1032	1122	470	
	19	f	1850	488	980	982	1134	478	
	16	S	1851	862	992	—	1230	480	
	20	f	1848	882	794	808	1160	472	
	21	f	1840	1172	980	974	1158	482	
		J. F. McJ. Dec 2 1932				RB. 2239			
18.4	17	S	1850	270	932	—	1092	340	500
	22	f	1840	420	1024	1010	1104	340	
	23	f	1850	488	922	920	1102	342	
	18	S	1851	862	852	—	1134	346	
	24	f	1848	882	690	670	1112	348	
	25	f	1840	1171	880	898	1138	352	
18.6	19	S	1860	312	1038	—	1120	358	
	26	f	1861	336	480	470	1110	359	
	20	S	1865	440	472	—	1122	358	
	21	S	1870	672	978	—	1138	360	
	27	f	1856	787	1030	1038	1150	362	
	22	S	1861	811	984	—	1102	362	
	28	f	1860	1006	998	978	1150	364	
18.8	29	f	1890	821	743	708	1130	366	
(180 Hours)	30	f	1888	832	462	458	1122	370	
1920	23	S	1932	1439	1022	—	1110	370	
	24	S	1919	910	852	—	1140	370	
	25	S	1928	918	870	—	1142	370	
1940	31	f	1950	448	992	972	1148	370	
	26	S	1950	1082	996	—	1160	370	

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690	484	702
α-Oh	Def-Dk.	Red. Defl. Magn.
658	308	468
698	493	706
650	490	754
652	567	870
656	503	767
750	512	683
688	329	478
676	495	732
752	432	575
764	677	886
760	579	762
788	506	643
764	332	435
786	447	569
762	680	892
751	116	154
764	114	149
778	618	795
788	672	853
740	622	841
786	624	794
774	360	466
752	85	113
740	652	882
770	482	626
772	500	648
778	612	787
790	626	793

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30 g.f.McG. 12-2-32 RB 2239

Strip	Star	Class	y	x	Decl.	Decl.	Cl.	Dk	Vol 6
	32	f	1954	1153	950	922	1108	372	
	33	f	1938	1189	696	698	1142	376	
19.6	27	s	1960	760	874	—	1118	372	
	28	s	1970	841	621	—	1113	374	
	34	f	1979	252	830	850	1108	372	
	35	f	1980	514	480	480	1109	378	
	29	s	1981	702	1038	—	1110	380	
20.0	36	f	2001	500	778	778	1136	380	
	37	f	2000	609	640	648	1140	380	
	38	f	1998	910	1003	1006	1138	382	
	39	f	2000	957	936	928	1130	380	
	40	f	2000	1145	896	910	1160	380	
gmc. 20.2	41	f	2018	455	683	687	1088	392	510
	30	s	2018	682	976	—	1150	411	
	31	s	2020	1224	913	—	1203	410	
20.4	32	s	2052	197	587	—	1153	417	
	33	s	2053	443	572	—	1143	430	
	42	f	2056	711	865	834	1143	422	
	34	s	2034	768	891	—	1164	422	
	43	f	2040	830	1083	1069	1148	423	
	35	s	2038	1068	891	—	1190	433	
	44	f	2040	1086	820	748	1179	433	
	36	s	2047	1142	1025	—	1193	430	
	45	f	2042	1158	1028	1003	1218	421	
20.6	46	f	2059	207	930	938	1170	415	
	47	f	2068	740	1090	1065	1156	412	
20.8	48	f	2080	451	1085	1052	1138	417	
	37	s	2082	562	821	—	1180	422	
21.0	49	f	2105	817	964	912	1158	418	
21.2	50	f	2117	446	1058	988	1139	418	
	51	f	2123	673	840	810	1163	417	

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α-Dr.	Def-Dr	Rel. Of Magn.
136	564	767
166	321	419
146	502	674
139	247	334
136	468	636
131	102	139
130	658	902
156	398	526
160	264	348
156	623	824
150	552	737
180	538	690
696	293	421
139	565	765
193	503	635
136	170	231
113	142	199
121	428	594
142	469	632
125	653	889
157	458	605
146	351	470
163	595	780
197	595	746
155	519	687
144	666	896
121	652	904
158	405	534
140	520	704
121	580	804
146	408	548

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gmc. R.B 2239 12-2-32.

Strip	Star	Class	y	x	Diff.	Diff.	ce	Dr.	Volt
	52	f	2023	679	1110	1047	1181	410	
20.4	53	f	2155	260	888	963	1108	413	
	54	f	2153	649	445	448	1172	409	
	38	a	2159	920	683	—	1180	412	
	55	f	2150	1151	942	888	1217	410	
21.6	34	a	2163	738	1060	—	1174	408	
	56	f	2170	907	1125	1142	1183	404	
	40	a	2159	919	668	—	1200	400	
21.8	57	f	2187	446	1096	1080	1170	398	
	58	f	2190	757	655	668	1170	390	
	41	a	2191	870	1112	—	1210	400	
22.0	59	f	2210	410	1087	1105	1187	403	
	60	f	2209	519	1084	1132	1175	395	
	61	f	2210	640	626	583	1215	390	
22.4	62	f	2243	227	842	850	1215	394	
	42	a	2239	560	612	—	1212	395	
	43	a	2238	629	998	—	1211	395	
	63	f	2237	887	1072	1037	1222	395	
	64	f	2241	921	845	844	1215	388	
	65	f	2245	1140	1208	1120	1269	344	
	44	a	2238	1188	1060	—	1233	390	
22.6	66	f	2266	273	800	825	1185	392	
	45	a	2275	633	1096	—	1198	401	
	46	a	2260	890	1108	—	1220	398	
	47	a	2270	910	1034	—	1218	398	
	67	f	2264	1033	780	832	1202	392	
	68	f	2264	1032	1152	1138	1231	400	
22.8	69	f	2289	423	1100	1010	1180	400	
	70	f	2278	844	1003	948	1218	400	
	71	f	2295	860	820	130	1228	396	
	48	a	2291	965	858	—	1200	393	
	49	a	2293	971	1075	—	1210	390	

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α-Obs	Dif-Obs	Red. Def. Magn.
771	619	803
695	513	739
763	38	50
768	271	353
801	505	625
766	652	852
~~779~~ 774	730	937
800	268	335
772	690	894
780	272	349
810	712	880
784	693	885
780	713	915
825	215	261
821	452	550
817	217	266
816	603	740
827	660	798
827	457	553
815	770	880
843	670	795
793	421	532
797	695	873
822	710	864
820	636	776
810	414	512
831	745	896
780	655	840
818	576	704
832	379	456
807	465	576
820	685	836

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J. F. M. J. RB. 2239 Dec 3, 1932

Strip	Star	Class	y	x	Δeff	Δeff.	cl	Dk	
22.8		f	~~2284~~	596	778	770			
	metal in Slide	f	2289	596	1050	1082	1142	832	520
error	" "	f	2278	868	1030	1022	1138	834	
disregard	74	f	2295	881	920	932	1112	820	
		s	2297	988	948	—	1108	812	
		s	2293	991	1032	—			
22.8	75	f	2284	596	1138	1130	1362	480	520
	76	f	2278	868	1082	1048	1332	468	
	77	f	2295	881	820	798	1310	458	
	50	s	2297	988	902	—	1320	462	
	51	s	2293	991	1106	—	1328	458	
23.0	78	f	2299	528	1192	1180	1340	488	
	52	s	2300	578	968	—	1330	452	
	53	s	2301	710	944	—	1262	458	
	54	s	2302	1131	1146	—	1296	438	
23.2	79	f	2330	568	980	970	1252	442	
	80	f	2329	~~742~~ 1042	744	690	1292	444	
	81	f	2318	1181	1110	1122	1302	442	
23.4	55	s	2358	300	1002	—	1258	422	
	56	s	2350	1048	1184	—	1280	420	
23.6	57	s	2359	492	932	—	1252	434	
	58	s	2360	1054	1082	—	1304	430	
23.8	82	f	2379	361	1180	1160	1270	428	
	83	f	2380	869	1060	1052	1304	426	
	84	f	2392	911	1124	1118	1290	420	
	59	s	2414	342	932	—	1268	428	
	60	s	2410	390	874	—	1234	418	
	85	f	2400	445	820	824	1240	420	
24.2	61	s	2420	727	768	—	1300	420	

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α - Dh.	Dƒ - Dh.	Red. Of.	Magn.
882	654	742	
864	592	686	
852	351	412	
858	440	512	
810	648	745	
852	698	820	
878	516	588	
804	536	668	
858	708	825	
810	533	658	
848	273	322	
860	674	784	
830	580	699	
860	764	888	
818	498	609	
814	652	747	
842	742	882	
878	630	718	
810	701	806	
840	504	600	
816	456	559	
820	392	478	
880	348	396	

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J. H. M. J. Dec. 3, 1932 R.B. 2239

Strip	Star	Class	Y	X	Defl.	Defl.	Cl	Dk	Volts
	86	f	2432	1019	542	540	1272	414	520
24.4	87	f	2440	761	1140	1168	1280	422	
24.6		a good deal of strip blotched & blurred.							
24.8	88	f	2492	761	498	518	1292	418	
25.0									
25.2	62	2 S	2519	490	424	(mag covered by beam of circle)	1308	418	
	63	S	2520	873	1066	—	1258	420	
25.4	64	S	2540	680	956	—	1250	420	
25.6		Plate finished! J. McJ.							

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1932phil. pr

α-Ok.	Off-Ok	Red. Off. Magn.
858	127	148
858	732	854
—	—	
814	90	103
—	—	
890	6	7
838	646	771
830	536	646

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J. m. J. R.B 2323 Dec. 5 1932

Strip	Star	Class	y	x	Delf	Defl.	Cl	Dk	Vlt.
14.8 —		f	~~1522~~	~~728~~	~~1442~~	~~1438~~	~~1518~~	~~564~~	520
15.0 —									
15.2	1	f	1522	728	1442	1438	1518	564	
15.4	2	f	1545	519	1252	1258	1568	548	
15.6									
15.8	1	s	1578	621	868	~~1514~~	1648	530	
	3	f	1496	1019	688	718	1530	528	
16.0	4	f	1600	810	1414	1442	1588	522	
16.2	2	s	1622	522	1230	—	1568	510	
	5	f	1630	925	1472	1462	1582	520	
16.4	X3	s	1658	410	1294	~~1590~~	1570	520	
	X4	s	1651	500	1442	—	1566	500	
16.6	5	s	1678	491	810	—	1690	504	
	6	s	1660	1062	690	—	1572	520	
16.8	7	s	1688	868	1480	—	1620	506	
17.0	6	f	1702	~~432~~	1372	1328	1568	492	
	7	f	1711	722	1482	1492	1546	490	
17.2	8	s	1738	355	904	—	1504	462	
17.4	9	s	1749	326	762	—	1482	458	
	8	f	1748	399	1418	1420	1568	452	
17.6	10	s	1760	446	1422	—	1510	432	
	9	f	1768	688	980	912	1548	442	
	11	s	1770	1119	844	—	1510	450	
17.8	10	f	1780	578	1112	1110	1600	444	
18.0	11	f	1800	291	1182	1202	1508	458	
	12	f	1799	422	1390	1328	1500	478	
	13	f	1799	630	1450	1422	1490	442	
18.2	12	s	1822	590	1238	—	1470	430	
	X13	s	X1824	999	1394	—	1478	438	
	14	s	1820	1097	1032	—	1482	430	

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1932phrc.pr

d - Dh	Df - Dh. red.	Diff. Magn.
954	876	920
1020	707	693
1018	338	332
1002	175	174
1066	906	850
1058	720	681
1062	947	890
1050	774	736
1066	942	884
1086	306	282
1052	170	162
1114	974	873
1076	852	792
1056	997	944
1042	442	423
1034	304	294
1106	967	874
1078	991	919
1106	504	456
1060	394	372
1056	667	632
1050	734	699
1022	881	861
1048	994	948
1040	808	776
1040	966	919
1052	602	571

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1932phae.pr

Should be #1 on strip 13a. Image observed by line, didn't see it until return trip.

40

		f	1822	269	1238	1220	1492	448	
Strip	Star	Class	Y	X	Defl.	Defl.	Cl	Dr.	Vols.
18.2	14	f	1836	1168	570	552	1480	438	
18.4	15	f	1840	382	1272	1250	1490	446	
	15	s	1842	911	710	~~449~~	1490	448	
	16	f	1852	1124	1224	1234	1500	440	
18.6	16	s	1862	469	1072	—	1474	438	
	17	s	1871	604	557	—	1437	438	
	18	s	1860	831	688	—	1480	431	
	19	s	1870	1031	1319	—	1492	430	
18.8	20	~~f~~	1880	404	840	—	1432	423	
	17	f	1886	592	~~782~~	774	1498	488	
	21	s	1887	847	1152	—	1503	450	
	22	s	1892	1012	682	—	1503	468	
19.0	18	f	1917	262	1332	1368	1465	453	
	23	s	1917	482	1130	—	1470	462	
	24	s	1905	1177	538	—	1513	462	
19.2	25	s	1939	440	470	—	1501	454	
	26	s	1930	1050	1228	—	1482	442	
19.4	19	f	1952	542	1315	1305	1450	440	
	27	s	1939	942	1053	—	1535	445	
19.6	20	f	1960	268	1131	1142	1503	453	
	28	s	1975	452	1378	—	1468	449	
	29	s	1972	803	1193	—	1465	440	
19.8	30	s	1988	281	1264	—	1443	450	
	31	s	1982	338	1300	—	1464	460	
	32	s	1997	591	940	—	1490	460	
	21	f	1984	642	1172	1178	1485	458	
	33	s	1995	106	907	—	1477	410	
	22	f	1979	815	1288	1252	1495	465	5.15
	23	f	1990	1226	725	709	1483	461	
20.0	34	s	2001	525	660	—	1478	459	
	24	f	2000	830	1247	1268	1515	480	

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1044 781 748

cl. – Dk.	Def. – Dk.	Red. Off. Magn.
1042	123	118
1044	815	780
1042	262	251
1060	789	744
1036	634	612
999	119	120
1049	257	245
1062	889	836
1009	417	413
1010	390	386
1053	702	666
1035	214	207
1012	897	885
1008	668	664
1051	76	72
1041	16	15
1040	786	756
1010	870	862
1090	608	558
1050	687	654
1019	929	912
1025	763	734
993	814	820
1004	840	836
1030	480	466
1021	717	698
1001	437	434
1030	805	782
1022	256	250
1019	201	197
1035	778	751

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1932phae..pr

42 gme. RB 2323 12-5-32.

Strip	Star	Class	g	r	Diff.	Diff.	a	DK.	Vel.
	35	s	2010	1019	531	—	1510	478	
	25	f	2010	1238	1345	1289	1490	472	
20.2	36	s	2020	242	1320	—	1495	480	
	26	f	2019	935	1272	1288	1475	470	
20.4	37	s	2038	832	980	—	1490	475	
	27	f	2040	848	1362	1378	1480	478	
	38	s	2038	810	978	—	1508	483	
	39	s	2039	885	1355	—	1490	480	
	X40	s	X2054	907	1403	—	1472	485	
	41	s	2043	920	1368	—	1495	478	
	28	f	2049	1170	613	528	1470	482	
20.6	42	s	2060	382	1172	—	1455	467 ~~382~~	
	43	s	2061	488	1385	—	1483	462	
	29	f	2063	655	1353	1320	1498	469	
	44	s	2061	796	1135	—	1482	475	
	45	s	2060	1051	1078	—	1505	460	
	46	s	2063	1128	762	—	1483	470	
20.8	30	f	2085	353	1246	1251	1460	460	
	47	s	2085	471	996	—	1480	453	
	48	s	2089	810	778	—	1463	450	
21.2	49	s	2130	322	819	—	1457	443	
	50	s	2126	550	1242	—	1440	445	
	31	f	2120	973	1350	1335	1483	450	
21.4	51	s	2140	252	1312	—	1483	463	
	52	s	2148	260	1141	—	1520	455	
	32	f	2140	271	616	604	1482	459	
	53	s	2143	282	1195	—	1475	470	
21.6	33	f	2170	381	1112	1070	1452	470	
	54	s	2172	551	870	—	1462	465	
	34	f	2159	838	605	516	1480	470	
	55	s	~~2170~~ 2170	1090	643	—	1490	465	

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Cl.-Dk.	Def.-Dk.	Red-Def	Magn.
1032	53	51	
1018	845	831	
1015	840	827	
1005	810	806	
1015	505	497	
1002	892	889	
1025	495	483	
1010	875	866	
1013	918	905	
1017	890	875	
988	89	90	
988	705	714	
1021	923	903	
1029	868	844	
1007	660	656	
1045	613	591	
1013	292	288	
1000	784	789	
1021	543	529	
1013	328	323	
1014	376	371	
995	797	801	
1033	893	863	
1020	849	832	
1065	692	649	
1023	151	147	
1005	725	721	
982	621	633	
997	405	406	
1010	118	117	
1025	178	173	

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1932phmo.pr

ZJP. RB 2323. Dec. 5, 1932.

Imip	Class	Star	y	x	dyff	dyff	cc	dx	Vols
21.6	f	35	2177	382	1077	1160	1393	392	5 5
(Repeat)	f	36	2160	838	603	640	1396	408	
	f	56	2173	1090	621	—	1372	412	
21.8	s	57	2180	523	747	—	1358	403	
	s	58	2178	552	862	—	1352	402	
	s	59	2193	603	1088	—	1337	408	
22.0	s	60	2200	617	932	—	1328	392	
	f	37	2200	638	982	1078	1317	403	
	s	61	2197	889	950	—	1337	397	
	f	38	2211	928	748	612	1332	402	
	s	62	2210	1147	1123	—	1309	393	
22.2	s	63	2238	662	630	—	1322	393	
22.6	f	39	2270	436	1200	1217	1298	398	
	f	40	2271	438	1130	1128	1303	403	
	f	41	2277	641	1008	953	1306	393	
	f	42	2273	961	1000	992	1318	392	
22.8	s	64	2273	556	1092	—	1300	393	
	s	65	2290	722	621	—	1302	389	
	s	66	2288	1022	1073	—	1303	393	
23.0	s	67	2302	643	972	—	1313	399	
	f	43	2310	650	1232	1204	1308	392	
	s	68	2309	712	935	—	1298	392	
	s	69	2304	803	1103	—	1292	393	
23.2	s	70	2317	443	643	—	1320	392	
	s	71	2319	550	582	—	1322	392	
23.4	f	44	2351	444	863	1018	1297	402	
	s	72	2351	684	659	—	1310	393	
	s	73	2352	738	661	—	1302	402	
23.6	s	74	2360	357	621	—	1293	382	
	s	75	2372	373	1122	—	1303	383	

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Cl.-Dk.	Def-Dk	Red. Def.	Magn.
1001	777	776	
988	214	217	
960	209	218	
955	344	361	
950	460	484	
929	680	732	
936	540	577	
914	527	577	
940	553	588	
936	278	299	
916	730	798	
929	237	255	
900	811	902	
900	726	808	
913	583	639	
926	604	652	
907	699	771	
913	232	254	
910	680	748	
914	573	628	
916	826	902	
910	543	597	
909	710	781	
928	251	271	
930	180	204	
895	589	659	
917	266	280	
900	259	288	
911	239	262	
920	739	804	

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Dyf - RB 2323 - Dec. 5, 1932.

Strip	Class	Star	y	x	Dyf	Dyf	cc	dk	Volts
	f	45	2364	550	752	793	1303		392
	f	76 2379	→	625	962	—	1284		399
	s	77	2360	634	1062	—	1293		383
	s	78	2377	640	979	—	1276		382
	s	79	2367	728	1089	—	1303		392
	f	46	2370	848	1082	1017	1307		386
23.8	f	47	2387	1001	899	800	1283		393
24.0	s	80	2412	655	1032	—	1288		392
	s	81	2398	673	1048	—	1298		393
	s	82	2414	742	868	—	1292		388
	f	48	2416	747	932	977	1288		399
	f	49	2408	755	830	762	1278		388
	s	83	2408	767	1121	—	1262		387
	s	84	2416	1002	718	—	1292		387
24.2	s	85	2428	648	709	—	1294		389
	s	86	X2431	783	1123	—	1273		390
24.4	s	87	2447	487	968	—	1288		403
	s	88	2451	511	1053	—	1278		397
	s	89	2449	888	922	—	1293		392
	f	50	2442	1028	1140	1103	1183		393
	s	90	2454	1047	459	—	1313		383
24.6	s	91	2472	589	707	—	1283		388
	s	92	2467	688	1009	—	1280		392
24.8	s	93	2485	860	708	—	1277		403
	f	51	2490	792	977	882	1288		403
25.0	f	52	2501	774	842	948	1289		402
	s	94	2504	807	1120	—	1290		404
	s	95	2504	928	962	—	1262		393
25.2	s	96	2512	562	878	—	1280		401
	f	53	2518	968	1038	1061	1284		398

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1932phtc.pr

α − Dk	Def − Dk	Red. Ref.	Magn.
911	381	418	
885	563	636	
910	679	746	
884	697	780	
911	699	765	
924	667	922	
890	457	513	
896	~~655~~ 640	714	
905	~~650~~ 650	724	
904	~~434~~ 480	532	
889	~~556~~ 556	626	
890	408	459	
875	~~334~~ 334	839	
905	~~320~~ 331	366	
905	~~320~~ 320	354	
883	~~565~~ 133	831	
885	~~569~~ 569	639	
881	~~656~~ 656	745	
901	~~580~~ 580	588	
890	729	819	
930	~~316~~ 316	817	
895	~~617~~ 319	357	
888	~~605~~ 612	695	
874	~~776~~ 305	349	
885	522	590	
881	493	556	
886	~~766~~ 766	809	
869	569	655	
879	477	543	
886	652	736	

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1932phie.pr

H.J.P. - RB 2323 - Dec. 5, 1932.

Strip	Class	Star	Y	X	Dleft	Dleft	Ce	Dk	Volts
	S	97	2020	1020	1105	—	1287	463	

Plate finished

(Number of plate up)

H.J.P. - RB 2231 - Dec. 6, 1932.

15.0	S	1	1503	771	1069	—	1248	463	505
	S	2	1510	900	933	—	1193	452	
	S	3	1491	918	472	—	1198	453	
15.4	S	4X	1538	789	1036	—	1251	458	
	S	1	1548	932	668	663	1198	458	
	S	5	1550	954	1064	—	1218	458	
15.8	S	2	1590	1128	~~922~~ 920	892	1228	462	
16.2	S	6	1630	637	748	—	1248	472	
	S	7	1636	690	1094	—	1267	472	
	S	8	1617	918	1020	—	1223	464	
	S	9	1617	927	768	—	1223	467	
	S	10	1620	1105	553	—	1218	471	
16.4	S	11	1649	671	953	—	1258	468	
	S	12	1650	940	614	—	1217	463	
	S	13	1648	1010	1008	—	1192	468	
	S	14	1650	1170	1068	—	1228	463	
16.6	S	3	1670	406	1054	1052	1289	469	
	S	15	1667	536	742	—	1257	469	
	S	16	1667	580	1042	—	1277	462	
16.8	S	4	1691	452	1079	1073	1273	463	
	S	17	1687	520	683	—	1287	464	
	S	18	1680	705	1088	—	1247	463	
	S	19	1691	708	1038	—	1232	462	
	S	5	1689	900	900	883	1228	463	
	S	20	1691	1114	1083	—	1187	463	

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1932phar.pr

α - On	Defl: On.	Red. Defl.	Magn.
884	702	794	
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785	606	773	
741	481	650	
745	18	25	
793	578	729	
770	208	281	
760	606	799	
766	444	580	
776	276	356	
795	622	783	
759	556	733	
756	301	398	
741	82	109	
790	485	614	
754	151	201	
724	540	746	
765	605	791	
820	584	713	
788	273	347	
815	580	712	
810	613	758	
823	219	266	
784	625	797	
770	576	748	
765	429	561	
734	630	858	

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Zone RA 2231 – Dec. 6, 1932.

Mag	Class	Star	Y	X	Diff	Diff Cl	Corr	Plates
	A	21	1693	1170	1049	—	1218	462
17.0	A	22	1715	453	943	—	1298	453
	A	23	1710	471	779	—	1288	453
	A	24	1698	480	911	—	1272	442
	A	25	1701	732	1043	—	1262	453
	A	26	1700	845	879	—	1243	451
	P	6	1700	1032	993	1018	1212	446
17.2	A	27	1716	339	604	—	1262	443
	A	28	1728	468	908	—	1258	448
	P	7	1720	740	753	722	1242	444
17.4	A	29	1700	671	552	—	1272	452
	A	30	1739	789	473	—	1288	449
	A	31	1735	852	973	—	1232	452
	A	32	1742	1227	548	—	~~1249~~ 1243	442
17.6	P	8	1760	632	573	582	1248	442
	A	33	1759	654	672	—	1242	442
	A	34	1771	867	763	—	1212	432
	P	9	1777	1088	477	482	1212	432
17.8	A	35	1797	337	843	—	1299	442
	A	36	1790	390	463	—	1267	440
	P	10	1792	1168	602	483	1198	438
	A	37	1790	1257	952	—	1183	432
18.0	P	11	1804	422	427	438	1267	428
	A	38	1800	561	448	—	1229	424
	A	39	1810	882	897	—	1209	429
	P	12	1802	1238	808	862	1162	432
18.2	A	40	1832	673	919	—	1223	422
	A	41	1818	840	556	—	1212	429
	P	13	1818	1217	949	1040	1200	442

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α-Dk.	Defl-Dk	Red. Defl. Magn.
756	587	776
845	490	580
835	326	391
830	469	565
809	590	730
792	428	541
766	560	732
819	161	197
810	460	568
798	294	369
820	100	122
839	24	29
780	521	669
770	106	138
806	136	169
800	230	288
780	331	424
780	48	62
857	401	468
827	23	278
760	105	138
751	520	693
739	5	7
805	24	30
780	468	600
729	402	552
801	497	621
783	127	162
758	553	730

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1932phae.pr

NGP - RB 2231 - Dec. 6, 1932.

Strip	Class	Star	y	x	Dyll	Dyll	Cl	Dk	Volts
18.2	A	42	1831	673	952	—	1322	417	510
(Repeat)	A	43	1818	839	563	—	1257	410	
	L	14	1818	1216	942	1037	1242	411	
18.4	A	44	1840	481	1073	—	1303	412	
18.6	A	45	1869	330	850	—	1307	403	
	A	46	1862	712	960	—	1242	412	
	A	47	1872	1313	570	—	1188	401	
18.8	A	48	1889	636	919	—	1232	402	
	A	49	1890	882	617	—	1182	402	
19.0	A	50	1910	276	863	—	1272	408	
	L	51	1914	703	837	—	1193	402	
	A	52	1900	789	1013	—	1226	409	
	L	15	1901	1059	654	669	1192	422	
19.2	A	53	1913	430	947	—	1222	402	
	A	54	1920	422	737	—	1238	412	
	L	16	1933	699	437	428	1242	399	
	A	55	1923	903	973	—	1182	398	
	L	17	1921	1098	442	432	1172	392	
	A	56	1932	1106	732	—	1162	402	
	L	18	1917	1138	1003	899	1144	393	
19.4	A	57	1942	281	952	—	1208	390	
	A	58	1950	632	648	—	1242	398	
	A	59	1950	1139	873	—	1143	395	
	L	19	1953	1219	782	908	1128	401	
19.6	A	60	1970	278	523	—	1278	392	
	A	61	1968	1026	842	—	1161	392	
	A	62	1973	1038	1008	—	1168	403	
	A	63	1959	1124	492	—	1170	408	
19.8	A	64	1989	669	812	—	1188	392	
	A	65	1981	809	882	—	1187	403	

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1932phae.pr

Cl-Dk.	Defl-Dk.	Rel. Defl. Magn.
905	535	592
847	153	181
831	579	697
891	661	742
904	447	495
830	548	661
787	174	221
830	517	624
780	215	276
864	455	527
791	~~607~~ 435	550
817	~~540~~ 604	740
770	240	312
820	~~320~~ 545	665
826	~~570~~ 325	394
843	434	40
784	~~550~~ 575	735
780	45	58
760	~~562~~ 330	434
751	558	744
868	~~250~~ 562	648
844	~~498~~ 250	296
748	~~701~~ 478	639
727	414	611
856	~~400~~ 131	153
769	~~600~~ 450	585
765	~~624~~ 629	791
762	~~450~~ 84	110
796	420	528
787	482	612

2316 2445 2696 2684 2699 2698 2472 2458 2670 2212 2215

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N.P. - RB 2231 - Dec. 6, 1932

Strip	Class	Star	Y	X	Dyff	Dyff	Cc	Dk Volts
	s	66	1987	1202	933	~~462~~	1162	402
20.0	f	20	2002	442	612	612	1239	393
	s	67	2011	996	422	—	1192	393
	s	68	2010	1019	573	—	1153	392
20.2	f	21	2024	304	918	1052	1295	399
	f	22	2032	392	460	448	1268	391
	f	23	2018	422	1063	1088	1261	397
	s	69	2020	790	420	—	1212	389
	f	24	2033	850	1052	1080	1201	387
	s	70	2022	1160	970	—	1162	392
20.4	f	~~24a~~	2049	398	1030	~~12~~	1272	388
	f	25	2039	598	1130	1050	1218	384
	s	71	2050	618	452	—	1221	390
	s	72	2037	872	850	—	1168	386
	s	73	2050	1040	565	—	1200	388
20.6	s	74	2076	490	888	—	1212	392
	f	26	2072	692	905	978	1178	398
	s	75	2062	800	418	—	1208	381
	s	76	2060	983	450	—	1181	382
	f	27	2068	1173	389	402	1152	388
	s	77	2063	1302	832	—	1138	383
	f	28	2076	1305	927	971	1192	388
20.8	f	29	2093	662	589	579	1226	398
	f	30	2082	728	1048	1088	1200	388
	s	78	2090	850	949	—	1188	386
	s	79	2093	960	1002	—	1168	390
	s	80	2080	1050	700	—	1170	391
21.0	f	31	2103	364	750	738	1228	388
	f	32	2118	550	778	781	1189	388
	s	81	2104	555	448	—	1202	378

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Cl-Dk.	Dark-Dk	Red. Defl. Magn.
760	531	699
846	219	259
799	29	363
761	181	238
896	586	654
877	63	72
864	679	786
823	31	38
814	679	835
770	518	752
884	642	726
834	706	847
831	62	75
882	464	526
812	177	218
820	416	508
780	544	698
827	37	45
799	68	86
764	8	10
755	449	595
804	561	698
828	196	237
812	680	838
802	663	703
778	612	787
779	309	497
840	356	424
801	392	489
824	70	850

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1932phmo.pr

M. M. – RB 2231 – Dec. 6, 1932.

Strip	Class	Star	y	x	diff	diff	Cl	Dk Volts
21.0	f	f 33	2100	1050	453	448	1192	385
21.2	s	82	2125	270	1065	—	1245	382
	s	83	2132	308	850	—	1239	390
	f	34	2131	359	1142	1089	1233	382
	s	84	2128	503	991	—	1202	391
	s	85	2118	520	872	—	1221	388
	s	86	2119	580	708	—	1210	387
	s	87	2130	710	948	—	1191	378
	s	88	2130	847	742	—	1212	372
	f	35	2121	902	1050	938	1199	362
	s	89	2133	923	1038	—	1192	383
	f	36	2120	1002	1062	943	1172	378
	s	90	2132	1022	1038	—	1201	382
	f	37	2132	1228	408	401	1142	368
	s	91	2128	1246	555	—	1158	388
21.4	s	92	2150	580	520	—	1153	381
	s	93	2150	642	978	—	1179	372
	s	94	2142	718	961	—	1170	372
	f	38	2135	725	1007	968	1173	371
21.2 repeated by error	s	95	2130	848	778	—	1152	372
	f	39	2120	900	912	932	1192	369
	s	96	2141	885	790	—	1152	362
	f	40	2158	1162	962	991	1114	372
	s	97	2140	1175	899	—	1138	370
	s	98	2147	1182	761	—	1152	373
	s	99	2153	1199	1000	—	1128	377
	s	100	2142	1218	832	—	1153	388
21.6	f	41	2165	289	952	973	1219	372
	f	42	2169	693	1040	1035	1198	382
	f	43	2168	824	717	748	1197	401

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c-Ok.	Defl-Ok	Red. Defl. Magn.
807	66	82
863	683	792
849	460	542
851	734	862
811	600	740
833	484	581
824	321	389
813	570	702
840	370	441
837	632	755
809	655	810
794	625	788
819	656	801
774	37	48
770	167	217
~~774~~ 772	139	180
807	606	752
798	589	738
802	617	770
780	406	521
823	553	672
790	428	541
742	605	816
768	529	689
779	388	498
751	623	830
765	444	581
841	591	698
816	656	805
796	332	417

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1932phot.pr

M. M. – RB 2231 – Dec. 6, 1932.

Strip	Class	Star	Y	X	Dyl	Dyl	Cl	dk	Bolts
21.8	s	101	2180	272	968	—	1182	383	
	f	44	2196	340	458	460	1218	398	
	s	102	2194	792	1092	—	1220	401	
	s	103	2180	1060	882	—	1140	400	
22.0	f	45	2200	362	830	772	1208	391	
	s	104	2228	410	758	—	1201	382	
	s	105	2220	560	520	—	1203	382	
	s	106	2233	612	1010	—	1192	388	
	f	46	2233	820	902	972	1143	392	
	s	107	2220	1082	938	—	1140	390	
22.4	s	108	2242	378	642	—	1205	382	
	s	109	2243	1149	461	—	1132	382	
22.6	s	110	2270	459	488	—	1199	383	
	s	111	2264	555	1001	—	1191	382	
	s	112	2270	620	721	—	1193	385	
	f	47	2262	878	952	889	1228	398	
	s	113	2271	1126	780	—	1122	404	
22.8	s	114	2295	327	692	—	1183	388	
	f	48	2298	752	780	708	1192	396	
23.0	s	115	2310	850	872	—	1187	400	
23.2	f	49	2335	495	948	952	1181	405	
	s	116	2328	548	890	—	1204	389	
	f	50	2331	742	612	618	1175	392	
23.4	f	51	2353	610	458	461	1215	400	
	s	117	2348	718	848	—	1202	408	
	f	118	2350	752	980	—	1191	405	
	s	119	2340	769	868	—	1178	410	
	s	120	2349	904	812	—	1183	401	
23.6	s	121	2366	722	923	—	1208	409	
	s	122	2370	942	639	—	1182	405	

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Cl-Dk.	Diff-Ok	Rel. Diff. Magn.
799	585	733
820	61	744
819	691	846
740	482	652
809	410	507
819	376	459
821	138	168
804	622	774
751	545	726
750	548	731
823	260	316
750	79	105
816	105	129
809	619	765
808	336	416
830	~~376~~ 522	629
718	~~307~~ 376	524
795	~~472~~ 304	384
796	348	437
787	~~367~~ 472	600
776	545	702
815	~~446~~ 501	615
783	323	413
815	60	74
794	~~575~~ 440	554
786	595	732
768	458	597
782	411	525
799	514	644
777	234	301

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1932phmo.pr

m.m. — R.B. 2231 — Dec. 6, 1932.

Strip	Class	Star	Y	X	Dyll	Dyfl	Cl	Dk	Volts
	f	52	2371	1000	748	722	1122		

J.Mc.J. R.B.2231 - Dec. 7, 1932.

23.6	f s	123	2367	447	1048	—	1190	420	500
	s	124	2365	722	832	—	1202	428	
	s	125	2374	867	984	—	1210	448	
	f	53	2359	874	1072	1048	1252	488	
	s	126	2370	944	768	—	1304	490	
	f	54	2370	1001	826	778	1260	500	
	s	127	2370	1029	1138	—	1260	518	
23.8	s	128	2390	441	766	—	1276	514	
	s	129	2380	536	548	—	1312	528	
	s	130	2390	550	910	—	1328	522	
	s	131	2384	610	540	—	1388	518	
	s	132	2382	721	1034	← Image marred	1289	506	
	s	133	2390	1010	1072	—	1248	508	
	f	55	2393	1093	740	710	1240	510	
	s	134	2394	1209	852	image line blurred by	1244	500	
24.0	f	56	2398	516	586	594	1276	492	
	s	135	2408	488	760	—	1282	478	
	s	136	2408	649	972	—	1268	460	
	f	57	2400	752	490	482	1250	458	
24.2	f	58	2424	479	990	1028	1200	428	
	s	137	2420	1168	480	—	1092	408	495
24.4	s	138	2440	728	798	—	1110	404	
	s	139	2450	760	850	—	1120	392	
	f	59	2441	932	942	922	1122	382	
	f	60	2436	992	820	838	1082	400	
	s	140	2450	993	862	—	1080	400	
24.6	s	141	2460	558	1050	—	1200	392	

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R.A.	Def - Dn.	Red. Def.	Magn.
750	548	732	
754	404	522	
762	536	704	
764	572	749	
814	278	342	
760	302	397	
742	620	837	
762	252	331	
784	20	26	
806	388	482	
870	22	25	
783	528	674	
740	564	763	
730	215	295	
744	352	473	
784	98	125	
804	282	351	
808	512	634	
792	28	35	
772	581	753	
684	72	105	
706	394	558	
728	458	630	
740	550	744	
682	429	630	
680	462	680	
808	658	815	

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1932phmc.pr

J7mcj- RB 2231- Dec. 7, 1932.

Strip	Star	Class	Y	X	Deff.	Deff.	Cl.	Dk	Volts
	142	S	2460	656	1002	—	1162	390	495
	143	S	2465	897	1012	—	1122	388	
	61	f	2470	1004	968	960	1102	386	
	62	f	2466	1092	802	818	1072	382	
	63	f	2460	1092	822	840	1048	380	
24.8	64	f	2479	550	968	1008	1372	400	
	65	f	2490	870	938	988	1328	398	
	66	f	2480	1042	1068	1060	1268	400	
	67	f	2490	1090	932	900	1242	400	
25.0	68	f	2500	544	1058	1054	1290	398	
Plate finished.	144	S	2502	652	748	—	1332	400	
	145	S	2511	703	412	—	1340	390	
	146	S	2500	858	1080	—	1322	400	
25.2	147	S	2530	750	1020	—	1020	400	
25.4	148	S	2550	~~724~~ 760	720	—	1340	400	
25.6	149	S	2564	730	1162	—	1443	422	

image under the line

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1932phar.pr

α-Dec.	Def. Obl.	Red. Defl.	Magn.
772	612	793	
734	624	850	
716	578	808	
690	428	621	
668	451	676	
972	588	605	
930	565	608	
868	664	765	
842	516	613	
892	658	738	
932	348	373	
950	22	232	
922	680	738	
620	620	1000	
940	320	341	
~~D~~991	740	746	

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1932phot.pr

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gmc. R.B 2316 12-7-32..

Strip	Class	Star	y	x	dyff	dyff.	Cl	dk	Volts
15.2		1	1520	680	803	—	1540	412	505
	s	2	1530	746	1367	—	1512	415	
	s	3	1521	810	989	—	1508	412	
15.4	s	4	1550	602	1346	—	1510	413	
	s	5	1543	745	950	—	1453	421	
15.8	f	1	1580	932	1068	990	1480	410	
16.0	s	6	1600	560	860	—	1505	411	
16.2	f	2	1620	1128	1392	1330	1548	415	
16.4	s	7	1640	1068	1393	—	1537	418	
16.6	s	8	1670	561	1343	—	1522	421	
	s	9	1676	750	1332	—	1460	418	
17.0	s	10	1718	658	1310	—	1488	420	
17.4	s	11	1750	735	551	—	1480	412	
	f	3	1754	740	950	960	1477	422	
	s	12	1759	853	1032	—	1561	420	
	s	13	1740	929	673	—	1488	413	
	s	14	1740	973	1077	—	1483	417	
17.6	s	15	1770	488	982	—	1510	417	
17.8	s	16	1796	420	1316	—	1517	413	
~~18.0~~	f	4	1796	632	802	693	1494	412	
18.0	f	5	1810	1088	696	725	1510	425	
18.2	s	17	1824	747	590	—	1498	428	
	f	6	1821	1167	941	895	1540	422	
	f	7	1837	1238	1285	1250	1530	426	
18.4	f	8	1840	432	560	445	1540	430	
	s	18	1859	1095	970	—	1510	430	
	f	9	1850	1217	1355	1360	1520	423	
18.6	s	19	1860	1096	982	—	1521	430	
18.8	s	20	1875	843	1310	—	1492	427	
~~19.0~~	~~s~~	~~19~~	~~1917~~						
19.4	s	21	1951	615	675	—	1540	423	

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α-Dh.	Defl.-Dk. B91	Red. Defl.	Magn.
1128	~~341~~	346	
1097	952	868	
1096	577	526	
1097	933	851	
1032	529	512	
1070	619	578	
1094	449	410	
1133	946	834	
1121	975	871	
1101	922	837	
1042	914	816	
1068	890	833	
1062	139	131	
1055	533	505	
1141	612	536	
1075	260	242	
1066	660	619	
1093	575	524	
1104	903	816	
1082	224	207	
1085	286	263	
1070	162	153	
1118	496	444	
1104	842	762	
1110	43	387	
1080	540	500	
1097	935	852	
1091	552	506	
1065	883	829	
—	—	—	
1117	252	226	

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http://www.jstor.org/stamp/1932phie.pr

J. M. E. — RB 2316 — 12-7-1932.

Strip	Class	Star	Y	X	Diff.	Diff.	Ce	Dk	Date
	f	10	1938	1060	897	1065	1527	418	
	f	11	1955	1105	742	731	1560	427	
19.6	f	12	1970	699	554	570	1547	426	
	s	22	1970	891	955	—	1532	427	
.8	s	23	1973	1001	521	—	1558	425	
	f	13	1989	1222	1190	1218	1508	375	
0.2	s	24	2020	1078	932	—	1483	373	
20.4	f	14	2040	443	722	848	1647	359	
	s	25	2058	1212	1080	—	1475	368	
	s	26	2038	1263	860	—	1475	370	
20.6	f	15	2070	395	495	491	1450	381	
	s	27	2070	497	505	—	1445	380	
20.8	s	28	2089	476	1003	—	1470	380	526

J.M.E. - RB 2316 — Dec. 7, 1932.

20.8 (Repeat)	s	9	2089	478	1167				

J. M. E. 2316 Dec 8 1932.

~~20.4~~ (Repeat)	f		~~2040~~	~~72~~					
		8							
20.6	f	16	2065	309	1566	1532	1669	568	490
	f	17	2070	402	958	945	1480	562	
	s	29	2070	500	942	—	1460	570	
20.8	s	30	2089	478	1238	—	1412	590	
21.0	s	31	2100	590	1358	—	1408	580	
	s	32	2110	661	1298	—	1478	588	
	f	18	2110	694	1398	1384	1448	578	
	f	19	2102	1177	752	740	1482	570	
	f	20	2110	1310	1390	1372	1450	570	

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Cl-Dk.	Dg-Dk	Rd.Dg.	Magn.
1109	531	479	
1133	310	273	
1121	136	121	
1105	528	478	
1133	96	846	
1133	829	731	
1110	559	503	
1088	426	392	
1093	712	651	
1105	490	443	
1069	112	105	
1035	125	121	
1090	623	572	
	—		
	—		
	—		
	—		
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	—		
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	—		
1101	481	891	
918	390	424	
890	372	418	
822	648	789	
828	778	940	
890	710	798	
870	813	935	
912	176	193	
880	811	922	

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~~2.m.2~~ RB 2316 – Dec. 8, 1932.

Strip	Class	Star	y	x	Dyll	Dbyll	Cl	Dk	Volts
21.2	f	21	2130	667	990	1010	1404	552	
	f	22	2120	730	1318	1318	1392	552	
	s	33	2131	1030	710	—	1372	538	
	f	23	2138	1052	848	820	1428	542	
	s	34	2120	1304	1392	—	1500	554	
21.4	f	24	2140	369	1280	1306	1488	548	
	f	25	2150	552	1254	1260	1490	548	
21.6	f	26	2159	906	1358	1332	1472	558	
	f	27	2159	1005	1352	1352	1481	550	
	f	28	2169	1230	790	788	1460	550	
22.0	s	35	2205	505	1260	—	1424	540	
	f	29	2200	828	1160	1180	1478	550	
22.2	f	30	2234	344	1030	968	1520	538	
	s	36	2230	810	1296	—	1448	538	
	s	37	2225	1069	1320	—	1450	528	
22.4	f	31	2240	378	1390	1386	1530	558	485
	s	38	2250	721	870	—	1412	540	
22.6	f	32	2270	824	1252	1242	1410	542	
	s	39	2270	949	898	—	1458	562	
22.8	s	40	2279	390	1409	—	1542	558	
	f	33	2279	588	1390	1414	1492	558	
	f	34	2286	1169	1420	1418	1572	548	
23.0	f	35	2300	880	1290	1270	1448	542	
	s	41	2302	1184	1130	—	1550	540	
23.2	x s	42	2320	689	1190	—	1584	542	
	f	36	2334	759	1262	1238	1519	542	
23.4	s	43	2348	410	1212	—	1522	540	
	s	44	2348	1152	1000	—	1498	540	
23.6	f	37	2370	750	1090	1150	1490	530	
23.8	f	38	2392	617	920	932	1510	540	

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Cl-Dk.	Def. Dk.	Red. Def.	Magn.
852	448	526	
840	766	912	
834	172	206	
886	292	330	
946	838	885	
940	745	793	
942	709	753	
914	787	861	
931	802	862	
910	239	263	
916	720	787	
928	620	669	
982	461	469	
910	758	833	
922	792	860	
972	838	863	
872	330	378	
868	705	813	
896	336	375	
884	851	963	
934	844	904	
924	871	944	
906	738	815	
910	590	649	
942	648	688	
977	708	725	
982	672	685	
958	460	480	
960	590	615	
910	386	398	

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J. Mc J. – RB 2316 – Dec. 8, 1932.

Strip	Class	Star	y	x	Dyff	Dyff. Cr	dk	Volts
	s	45	2381	870	1412	—	1578	542
24.0	f	39	2409	1009	1158	1200	1559	550
	s	46	2400	1140	1460	—	1580	546
	f	40	2436	501	1012	1000	1590	558
24.2	f	41	2430	1100	1198	1204	1596	552
			m. m. – RH 2316 – Dec. 8, 1932					
24.2	f	42	2436	501	1115	1025	1772	565
	f	43	2430	1100	1292	1318	1781	568
24.4	f	44	2438	760	1090	952	1742	562
24.6	f	45	2472	1000	1602	1690	1738	572
25.0	f	46	2505	1040	1704	1709	1765	569
25.2	s	47	2520	857	1572	—	1742	559
	f	47	2525	880	1602	1618	1732	550

Plate finished.

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cc-Ok	Def.-Ok	Red. Defl. Magn.
976	870	892
1009	629	624
1034	914	883
1032	448	434
1044	649	621
	—	
1201	505	419
1213	737	607
1180	459	389
1166	1074	923
1196	1138	952
1183	1013	857
1182	1060	897

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m.m. – RB 2445 – Dec. 8, 1932.

Strip	Class	Star	y	x	Dyff	Dyff	ce	Dk.	Note
15.0	f	1	1518	908	1668	1739	2024	581	5.30
15.2	f	2	1528	652	1922	1932	2061	569	
	e	1	1533	802	1722	—	2022	568	4
	s	2	1528	808	1600	—	2048	572	
	s	3	1532	949	1308	—	2038	562	
15.4	s	4	1538	992	1768	—	2032	561	
15.6	s	5	1572	548	1691	—	2038	578	
	s	6	1575	912	1795	—	2002	552	
	s	7	1568	928	1778	—	2006	582	
15.8	s	8	1590	551	1462	—	2022	563	
16.0	s	9	1605	500	1709	—	2048	558	
	f	3	1606	566	1906	1917	2059	566	
	s	10	1601	912	1781	—	2025	562	
	f	4	1613	1071	1302	1362	2071	559	
16.2	f	5	1625	1089	1852	1899	2058	555	
16.4	s	11	1644	591	1355	—	2038	552	
	f	6	1650	678	1259	1302	2078	547	
	s	12	1640	800	1332	—	2042	556	
	s	13	1639	961	1648	—	2045	552	
16.6	s	14	1660	942	1718	—	2032	558	
	f	7	1670	1041	1371	1418	2062	558	
16.8	s	15	1697	1019	1610	—	2061	562	
	s	16	1689	1049	1829	—	2063	565	
17.0	f	8	1710	520	1987	1952	2109	548	
	f	9	1705	829	1765	1762	2038	551	
	f	10	1704	1121	1359	1382	2098	559	
	s	17	1717	1143	1688	—	2092	572	
	f	11	1716	1194	1928	1908	2099	588	
	f	12	1700	1223	1772	1810	2103	580	
17.2	f	13	1734	562	1744	1772	2105	585	

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Cl-Dk.	Def-Dk.	Rel Df.	Magn.
1443	1123	718	
1492	1358	910	
1454	1154	794	
1476	1028	694	
1476	746	505	
1471	1207	820	
1466	1113	762	
1450	1243	859	
1424	1196	840	
1459	899	616	
1490	1151	774	
1493	1346	902	
1463	1119	764	
1512	763	504	
1503	1321	880	
1486	803	541	
1531	734	479	
1486	776	522	
1493	1096	734	
1474	1160	788	
1504	837	556	
1494	1048	700	
1498	1264	845	
1561	1422	913	
1487	1213	817	
1539	811	527	
1520	1116	735	
1511	1330	880	
1523	1211	796	
1520	1157	762	

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m.m. – RB 2445 – Dec. 8, 1932.

Strip	Class	Star	y	x	dyf	dyff	Cl	dk	Volts
	f	14	1721	1152	1921	1882	2071	556	
	s	18	1733	1080	1385	—	2102	561	
17.4	s	19	1743	358	1472	—	2200	569	
	f	15	1752	1202	1018	1062	2081	572	530

CL JP – RB. 2445 – Dec 8, 1932 –

17.4	s	20	1743	347	1327	—	2063	558	525
(eat)	f	16	1751	1173	1052	963	2017	568	
17.6	s	21	1762	872	1852	—	2000	568	
	s	22	1770	980	1848	—	1927	573	
	f	17	1760	970	1472	1503	1938	573	
	s	23	1767	1143	1400	—	1954	573	
17.8	f	18	1782	327	1212	1203	1988	575	
	f	19	1791	694	1393	1458	1968	582	
	s	24	1784	713	1003	—	1943	574	
	s	25	1793	929	1667	—	1947	578	
18.0	s	26	1816	572	1723	—	1983	579	
	s	27	1801	864	1546	—	1962	583	
	s	28	1817	1053	1053	—	1954	582	
18.2	s	29	1836	399	800	—	1977	568	
	s	30	1826	1097	1828	—	1976	582	
18.4	s	31	1840	787	1769	—	1959	583	
	f	20	1839	1214	1503	1523	2008	582	
	s	32	1839	1270	1449	—	1977	578	
*18.6	s	33	1870	254	1418	—	2022	578	
*	f	21	1878	477	1750	1806	1972	583	
18.8	f	22	1888	888	1713	1763	1988	578	
	p	34	1883	933	1262	—	1949	592	
19.	s	35	1868	1007	872	—	2007	582	
	s	36	1880	330	1557	—	2000	580	
19.0	f	23	1901	461	1809	1782	1973	588	

* Note that the 2 strips are mixed in together

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Cl-Dk.	Def-Dk.	Rel. Def.	Magn.
1515	1346	889	
1541	824	534	
1641	903	550	
1509	468.	310	
	769		
1505	~~440~~	510	
1449	440	340	
1432	1284	898	
1354	1275	942	
1365	940	689	
1381	827	598	
1413	633	448	
1386	844	609	
1431	429	299	
1369	1089	752	
1404	1144	815	
1379	963	699	
1372	971	708	
1409	232	165	
1394	1246	894	
1376	1186	863	
1426	931	654	
1399	871	613	
1444	840	581	
1389	1105	796	
1410	1160	824	
1357	670	494	
1425	290	203	
1420	977	688	
1385	1208	873	

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2 JP - RB 2445 - Dec. 8, 1932.

Strip	Class	Star	y	x	dyff	dyff	Cadk	Volts	
	f	~~1F~~37	1917	527	1738	~~1763~~	2012	583	
	s	38	1910	629	1518	~~1977~~	1977	588	
	f	24	1909	963	1808	1854	1973	592	
19.2	f	25	1932	387	1722	1683	1988	593	
	s	39	1932	726	1593	—	1959	593	
	s	40	1920	966	1617	—	1978	598	
	f	26	1930	1024	1360	1362	1973	593	
	f	27	1930	1049	1803	1763	1988	583	
19.4	f	28	1947	702	1890	1848	1987	583	
	s	41	1951	797	1642	—	1960	582	
	s	42	1940	912	1308	—	1927	577	
	s	43	1948	1168	1682	—	1937	583	
19.6	f	29	1971	269	1802	1773	2022	574	
	~~f~~	44	1967	297	1563	—	1996	577	
	s	45	1961	350	1807	—	1983	590	
	s	46	1973	374	1440	—	1988	573	
	s	47	1973	708	702	—	2008	573	
	f	30	1960	1009	1083	1056	1982	582	
	s	48	1974	1080	1628	—	1977	570	
	s	49	1960	1137	1814	—	2022	573	
	s	50	1962	1172	1392	—	1824	574	
	f	31	1950	1220	1823	1843	1983	574	
	f	J. F. McJ. A. B 2445 - Dec 9 1932.							
19.6	f	32	1970	291	1778	1820	2000	644	520
	s	51	1966	318	1558	—	2060	668	
	s	52	1960	382	1828	—	2060	628	
	s	53	1973	807	1409	—	2090	690	
	s	54	1973	821	872	—	2062	654	
	f	33	1960	1034	1632	1628	2038	670	

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α-Dk.	Defl-ck,	Red Def.	Magn.
1429	1155	810	
1389	920	662	
1381	1239	897	
1395	1110	797	
1366	1000	732	
1380	1019	739	
1380	768	556	
1405	1200	855	
1404	1286	917	
1378	1042	758	
1350	781	579	
1354	1099	812	
1448	1214	840	
1419	986	695	
1393	1217	874	
1415	867	612	
1425	179	125	
1400	988	706	
1407	1058	753	
1449	1241	859	
1250	818	654	
1409	1259	886	
1354	1155	854	
1392	840	638	
1432	1150	804	
1400	719	513	
1408	218	155 ⟵?	can't find on plate or chart (1872 or 72?)
1368	960	702	

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J7 mcJ - RB 2445 -- Dec. 9, 1932.

Strip	Class	Star	y	x	dyf	dyf	Cc	dk	Volts
	S	55	1974	1104	1658	—	2058		678
	S	56	1960	1158	1904	—	2072		678
	S	57	1960	1199	1460	—	2072		686
	b	34	1960	1238	1960	1942	2109		678
19.8	S	58	1988	289	1372	—	2143		682
	b	35	1979	571	1802	1770	2080		650
	b	36	1979	798	1690	1614	2056		628
	S	59	1984	913	1650	—	2040		610
	b	37	1990	1132	1918	1970	2040		588
	b	38	1990	1220	1812	1830	1970		562
20.0	S	60	2010	332	1562	—	1980		550
	S	61	2008	428	1708	—	1911		540
	b	39	2003	1083	1644	1660	1899		538
20.2	b	40	2020	319	1132	1054	1944		534
	S	62	2034	530	1396	—	1888		532
	b	41	2029	600	1070	1112	1910		532
	S	63	2030	612	1684	—	1926		530
	S	64	2020	830	1616	—	1870		538
	b	42	2030	844	1732	1768	1870		544
	b	43	2020	1008	1750	1768	1902		542
	b	44	2023	1178	1830	1852	1950		542
	S	65	2028	1199	1803	—	1896		550
	S	66	2029	1269	1786	—	1884		552
20.4	b	45	2048	418	1700	1730	1862		560
	b	46	2050	619	1149	1120	1860		550
	S	X 67	~~2040~~ 2040	540	1710	—	1858		552
	S	68	2050	920	1444	—	1830		552
	b	47	2054	1082	930	940	1802		560
	b	48	2040	1180	1564	1592	1898		570
	b	49	2046	1328	1732	1768	1906		570

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Cl-Dk.	Dif. Dk.	Red Dif. Magn.
1380	980	710
1394	1226	879
1386	774	559
1431	1273	864
1461	690	471
1430	1136	795
1428	1024	719
1430	1040	728
1452	1356	934
1408	1259	895
1430	1012	709
1371	1168	852
1361	1114	820
1410	559	397
1356	864	638
1378	559	406
1396	1154	828
1332	1078	809
1326	1206	910
1360	1217	895
1408	1299	923
1346	1253	934
1332	1234	927
1302	1155	888
1310	585	224
1306	1158	826
1278	892	691
1242	375	302
1328	1008	760
1336	1180	884

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Strip	Class	Star	Y	X	dlyl	dlyl	cc	dk	Plate
20.6	f	50	2070	480	1232	1198	1880	552	
	f	51	2062	500	1002	1002	1920	568	
	s	69	2063	990	1612	—	1920	558	
		70	2060	1188	1669	1650	1950	560	
		Xgt —	RB	2246	—	Dec 9, 1932.			
20.8	f	52	2090	773	1782	1728	1932	579	520
	s	71	2098	792	1647	—	1957	573	
	f	53	2078	1047	1706	1688	1953	573	
	f	54	2078	1088	1771	1788	1909	579	
	f	55	2091	1168	1737	1748	1928	569	
21.0	f	56	2108	634	1830	1820	1932	572	
	f	57	2108	791	1830	1833	1928	573	
	f	58	2116	922	1967	1264	1918	572	
	f	59	2112	965	813	812	1908	568	
	s	72	2102	1192	1679	—	1912	573	
	f	60	2113	1104	1643	1643	1920	564	
	f	61	2104	1237	1678	1699	1960	564	
21.2	s	73	2129	537	1812	—	1938	557	
	s	74	2120	580	1608	—	1938	562	
	s	75	2130	652	1532	—	1953	568	
	s	76	2138	900	1654	—	1937	563	
	s	77	2131	1166	1428	—	1963	567	
	f	62	2130	1328	1539	1532	1938	563	
*21.4	s	78	2148	292	1056	—	1908	562	
	s	79	2157	663	1847	—	1953	563	
	s	80	2167	957	1562	—	1938	558	
21.6	s	81	2180	303	1703	—	1908	561	
	s	82	2149	778	1468	—	1938	557	
	f	63	2140	941	1419	1342	1897	559	
	s	83	2137	1252	1792	—	1907	566	

* Note that strips 21.4 + 21.6 are slightly mixed
These come at end of 21.6 in together.

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α-Dk.	Def.-Dk.	Rel. Defl.	Magn.
1328	663	499	
1352	434	320	
1362	954	699	
1390	1105	792	
1359 ~~1359~~	1182	872	
1354 ~~1354~~	1074	777	
1380	1149	833	
1330	1201	905	
1359	1184	823	
1360	1253	923	
1355	1259	929	
1346	744	552	
1390	245	176	
1339	1106	827	
1378	1029	747	
1396	1125	808	
1381	1255	909	
1376	1096	797	
1385	964	696	
1374	1093	796	
1396	861	616	
1375	963	700	
1396	994	712	
1390	1274	918	
1380	1004	729	
1397	1142	819	
1381	911	659	
1371	822	598	
1391	1272	915	

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Kp. RB 2445 — Dec. 9, 1932

Strip	Class	Star	y	x	dlyfl	dlyfl.	cl	dk	Volts
	f	64	2139	1298	1343	1368	1912	053	
21.6	f	65	2167	286	1278	1443	1943	068	
	A	84	2172	367	1453	—	1938	063	
	f	66	2177	064	1108	1142	1958	072	
21.8	f	67	2180	668	1672	1663	1939	073	
	A	85	2180	1143	1468	—	1903	073	
	A	86	2191	1140	1152	—	1897	073	
	A	87	2197	1230	1509	—	1978	074	
	f	68	2188	1312	1788	1722	1928	066	
22.0	A	88	2210	418	1685	—	1947	078	
	f	69	2211	447	1578	1593	1938	068	
	A	89	2204	666	1689	—	1957	073	
	A	90	2211	828	1497	—	1913	068	
	A	91	2211	1088	1674	—	1943	064	
	f	70	2200	1152	1812	1898	1948	068	
	A	92	2211	1232	1763	—	1947	063	
	f	71	2197	1248	1782	1782	1947	064	
22.2	A	93	2230	730	1283	—	1937	063	
	A	94	2230	814	1498	—	1913	072	
	A	95	2220	917	1173	—	1858	063	
	A	96	2236	948	1478	—	1853	070	
	f	72	2218	1138	1673	1622	1928	063	
gme 22.4	a	97	2250	363	1496	—	1954	570	
	a	98	2237	615	1685	—	1917	563	
	f	73	2250	733	1160	1218	1672	570	
	f	74	2258	751	963	919	1810	564	
	a	99	2241	818	1708	—	1816	563	
	f	75	2252	988	1537	1528	1875	563	
	f	76	2250	993	1771	1749	1894	564	
	f	77	2245	1027	1470	1490	1877	561	
	a		2240	1250	939	—	1818	560	

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α-Or.	Def.-Or.	Red. Def. Magn.
1359	803	591
1375	893	649
1375	890	647
1386	553	399
1366	1090	798
1370	895	653
1324	579	437
1374	935	680
1364	1189	892
1369	1107	809
1370	1018	743
1384	1116	806
1345	929	691
1379	1110	805
1380	1287	933
1384	1205	868
1383	1218	879
1374	720	523
1371	926	690
1295	610	471
1283	908	707
1365	1073	787
1389	926	667
1354	1122	815
1102	619	562
1246	377	303
1253	1145	914
1312	970	738
1330	1196	899
1310	913	697
1318	379	288

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84 gmt. RB 2445 h-9-32

Strip	Class	Star	y	x	dlefl	dlefl	cc	dk	Ratio
	s	100	2230	1270	1600	—	1880	560	
	s	101	2240	1290	1680	—	1889	558	
	s	102	2232	1315	1760	—	1884	556	
22.6	f	78	2265	495	1668	1670	1890	557	
	p	103	2286	678	1736	—	1897	563	
	f	79	2278	959	1581	1565	1832	560	
	f	80	2277	962	1642	1648	1886	563	
22.8	s	104	2294	609	1603	—	1955	563	
	f	81	2296	700	1800	1796	1893	563	
	f	82	2289	728	1360	1348	1873	572	
	s	105	2290	1150	1454	—	1940	570	
	f	83	2286	1277	1645	1660	1864	570	
23.0	s	106	2310	380	1680	—	1904	575	
	s	107	2299	609	1621	—	1910	571	
	f	84	2310	692	1470	1469	1901	570	
	s	108	2303	853	1234	—	1895	568	
	s	109	2308	1051	1742	—	1904	573	
	s	110	2308	1147	1623	—	1919	577	
23.2	s	111	2334	419	770	—	1930	570	
	f	85	2330	493	1858	1838	1920	562	
	s	112	2323	538	1712	—	1925	565	
	s	113	2330	548	1747	—	1944	568	
	s	114	2337	556	1458	—	1740	577	520
	s	115	2331	563	1381	—	1740	568	
	s	116	2339	663	1560	—	1785	570	
	f	86	2338	697	1304	1315	1865	569	
	s	117	2330	813	1503	—	1857	569	
	s	118	2335	1046	1512	—	1907	570	
	s	119	2320	1158	1420	—	1925	561	
	s	120	2320	1225	1532	—	1936	556	
23.4	f	87	2345	436	1540	1483	1910	647	

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R-Dk.	Def D R.	Red. Defl. Magn.
1320	1040	788
1331	1122	859
1328	1204	908
1333	1112	835
1334	1173	880
1272	~~1013~~	796
1323	1282	970
1342	1040	747
1330	1235	929
1301	782	601
1370	884	645
1296	1083	837
1329	1105	833
1339	1051	787
1331	900	675
1327	666	502
1336	1169	875
1342	1046	779
1360	200	147
1358	1286	948
1360	1147	844
1376	1179	857
~~1173~~ 1173	891	759
1172	813	693
1215	990	814
1296	741	572
1288	934	725
1337	1002	751
1364	859	629
1380	976	707
1363	893	654

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Grus RB 2445, 12-9-32

Strip	Class	Star	y	x	Hyd	Hyd	α	Alt	
	f	88	2340	526	1122	1115	1888	551	
	2	121	2341	675	1602	—	1941	553	
	2	122	2350	1080	1556	—	1945	550	

Gr. gp. - RB 2445 — Dec. 9; 1932

23.4	f	89	2348	427	1607	1588	2037	592	525
(Repeat)	f	90	2344	527	1262	1127	1957	576	
	2	123	2340	662	1774	—	1947	570	
	2	124	2348	678	1623	—	1930	573	
	2	125	2351	1080	1610	—	1933	573	
23.6	2	126	2370	433	1748	—	1938	572	
	f	91	2361	472	1768	1782	1912	568	
	2	127	2371	499	1658	—	1907	574	
	2	128	2372	574	1209	—	1918	573	
	2	129	2379	683	1662	—	1933	564	
	f	92	2374	722	1732	1708	1922	583	
	f	93	2379	1028	1452	1478	1909	570	
	2	130	2376	1070	1702	—	1904	563	
	2	131	2377	1090	1016	—	1909	563	
	2	132	2368	1183	1700	—	1938	572	
23.8	2	133	2398	683	1126	—	1918	573	
	2	134	2388	862	1452	—	1853	570	
	f	94	2382	933	1718	1724	1904	568	
	2	135	2391	1044	1749	—	1909	563	
24.0	2	136	2410	471	1638	—	1936	562	
	2	137	2410	552	1718	—	1883	572	
	2	138	2401	562	1704	—	1927	572	
	2	139	2400	872	1072	—	1858	568	
	2	140	2410	987	1098	—	1928	564	
	2	141	2410	1017	1714	—	1926	563	
	f	95	2411	1125	1688	1691	1912	562	

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Cl-Ob.	Def-Ob.	Red. Defl. Magn.
1337	568	425
1288	1049	815
1305	1006	771
1445	1006	696
1381	619	448
1377	1204	876
1357	1050	775
1380	1040	754
1366	1176	862
1344	1207	898
1333	784	581
1345	636	473
1364	1098	803
1339	1162	870
1339	895	668
1341	1189	886
1346	453	336
1366	1128	827
1335	550	412
1283	872	679
1238	1153	864
1346	1186	883
1374	1076	783
1311	1146	874
1355	1132	838
1290	944	732
1364	829	607
1363	1151	844
1350	1128	836

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KJP - RB 2445 - Dec. 9, 1932.

Strip	Class	Star	y	D	dep	dy/dx	cc	dk	Volts
24.2	f	96	2427	484	867	858	1949	063	
	s	142	2432	688	1675	—	1889	063	
	s	143	2432	690	1770	—	1916	063	
	s	144	2438	862	1122	—	1896	067	
	s	145	2432	880	1723	—	1882	063	
	s	146	2430	1068	1738	—	1937	072	
24.4	f	97	2447	057	1737	1772	1926	063	
	s	147	2450	619	1432	—	1876	057	
	s	148	2452	818	1202	—	1892	053	
24.6	s	149	2463	584	1432	—	1874	053	
	s	150	2468	738	1688	—	1909	050	
	s	151	2461	770	1382	—	1907	062	
	s	152	2460	859	1603	—	1872	052	
24.8	f	98	2480	919	1768	1768	1909	050	
25.0	f	99	2503	1000	1302	1301	1912	058	
25.2	s	153	2531	745	1193	—	1920	056	
	s	154	2520	990	1600	—	1870	050	
25.4	f	100	2540	746	1809	1819	1932	062	
	s	155	2547	797	1408	—	1928	053	
	f	101	2502	860	1719	1703	1918	054	

Plate finished

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α.-1k.	Dof-DR.	Red. Dofl.	Magn.
1386	304	219	
1326	1112	846	
1343	1207	898	
1329	555	418	
1319	1160	880	
1365	1166	856	
1360	1192	878	
1319	875	664	
1339	699	522	
1321	879	664	
1359	1138	838	
1345	820	609	
1320	1101	836	
1359	1218	897	
1354	744	549	
1364	631	466	
1320	1047	794	
1370	1249	912	
1375	855	621	
1364	1157	848	

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1932phunc.pr

K.J.P. – RB 2463 – Dec. 10, 1932.

Strip	Class	Star	y	x	Dyel	Dyel	Ce Ch	Volt	
15.2	A	1	1538	638	1063	—	1962	553	505
15.4	A	2	1550	834	1188	—	1932	552	
15.8	A	3	1580	818	812	—	1942	552	
16.2		1	1630	890	1228	1257	1893	543	
		2	1629	928	803	829	1882	542	
	A	4	1632	1078	1398	—	1892	543	
16.4	A	5	1640	1179	568	—	1838	532	
16.6	A	6	1668	426	698	—	1891	532	
		3	1660	763	1182	1173	1859	529	
		4	1657	953	1060	1488	1843	530	
	A	7	1662	1049	1200	—	1862	530	
16.8	A	8	1687	436	1628	—	1902	532	
17.0	A	9	1710	937	1053	—	1848	530	
	A	10	1713	936	936	—	1830	528	
17.2	A	11	1718	836	1288	—	1877	532	
		5	1727	862	1438	1392	1837	530	
	A	12	1719	1144	1352	—	1837	539	
17.4	A	13	1752	667	848	—	1820	532	
		6	1700	836	1312	1348	1823	532	
	A	14	1754	860	1540	—	1853	531	
17.6		7	1769	1041	1738	1663	1861	537	
	A	15	1758	1092	932	—	1853	538	
	A	16	1762	1257	1428	—	1770	524	
17.8		8	1780	883	1492	1513	1858	528	
		9	1788	958	978	1032	1857	532	
18.0		10	1800	439	612	632	1882	528	
	A	17	1801	721	1443	—	1843	532	
		11	1810	1103	1658	1627	1881	533	
18.2	A	18	1819	713	1662	—	1852	531	
	A	19	1821	1208	1232	—	1808	538	

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Cl.-Dk.	Defl. DR.	Red. Defl.	Magn.
1409	510	362	
1380	636	461	
1390	260	187	
1350	699	517	
1340	274	204	
1349	955	708	
1306	36	28	
1359	166	123	
1330	649	488	
1310	991	757	
1329	717	540	
1368	1096	803	
1318	1023	778	
1302	405	311	
1345	756	562	
1307	885	678	
1298	813	626	
1288	316	245	
1291	798	617	
1322	1009	762	
1324	1163	880	
1315	394	299	
1246	904	725	
1330	974	732	
1325	473	357	
1354	94	69	
1311	881	671	
1348	1109	823	
1321	1131	858	
1270	694	546	

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N.J. - RB 2463 - Dec. 10, 1932

Strip	Class	Star	Y	X	Dyff	Dyff	Gr.	Dk.	Volts
18.4	s	20	~~1840~~ 1839	1221	1323	—	1837	529	
	s	21	1848	1247	1478	—	1832	532	
18.6	f	12	1870	303	1342	1420	1877	543	
	f	13	1857	603	1023	993	1868	543	
	f	14	1861	703	1313	1252	1847	542	
	s	22	1855	773	1578	—	1863	542	
18.8	f	15	1882	681	928	953	1883	532	
19.0	s	23	1899	689	702	—	1842	539	
	f	16	1910	1028	752	720	1902	543	
19.2	s	24	1920	2053	1663	—	1853	533	
	f	17	1933	428	1028	1512	1842	533	
19.4	s	25	1951	433	1547	—	1828	538	
	s	26	1951	760	1322	—	1854	542	
	f	18	1908	873	1082	908	1842	543	
	s	27	1908	929	1593	—	1849	538	
	f	19	1951	926	1510	1482	1838	542	
	s	28	1940	1150	1392	—	1852	542	
19.6	s	29	1968	420	1001	—	1862	532	
	s	30	1972	547	1230	—	1867	543	
	s	31	1961	1170	1640	—	1829	542	
19.8	f	20	1980	673	1636	1610	1837	552	
	f	21	1980	767	1452	1388	1843	542	
20.0	s	32	2011	779	1657	—	1823	552	
	s	33	2014	1174	762	—	1847	543	525

J.F. M.J. R.B. 2463 Dec. 12 1932
Image under line

20.0	f	22	2017	209	832	876	1770	584	500
(Repeat)	s	34	2016	324	1494	—	1822	580	
	s	35	2011	780	1549	—	1808	580	
	s	36	2014	1176	808	—	1800	574	
20.2	f	23	2030	308	1409	1514	1810	578	

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1932phmc.pr

Cl.-Dk.	Dgl:-Dk.	Red. Dgl.	Magn.
1308	794	607	
1300	946	727	
1334	838	627	
1325	465	351	
1305	740	567	
1321	1036	784	
1351	408	302	
1303	163	125	
1359	193	142	
1320	1130	858	
1309	987	754	
1290	1009	780	
1312	780	594	
1299	477	367	
1311	1055	805	
1296	954	737	
1310	850	648	
1330	469	353	
1324	687	519	
1287	1098	852	
1285	1071	835	
1301	853	655	
1271	1105	870	
1304	219	168	
1186	270	227	
1242	914	735	
1228	969	788	
1226	234	191	
1232	884	716	

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J. J. McJ. - RB 2463 - Dec 12, 1932.

Strip	Class	Star	y	x	Diff	Diff	Abs	Adk Volts
	f	24	2038	821	596	580	1809	570
	s	37	2030	1219	1550	—	1780	566
	s	38	2028	1302	1342	—	1772	570
20.4	s	39	2055	550	609	—	1818	570
	f	25	2053	1029	909	840	1840	574
20.6	s	40	2069	811	1270	—	1809	577
	s	41	2060	840	1290	~~1334~~	1839	572
20.8		42	—	—	—	—	—	—
21.0	s	43	2107	1030	1139	—	1811	580
	s	44	2099	1069	1640	—	1772	572
	$f	26	2112	1109	784	784	1798	576
21.2	f	27	2120	478	1194	1120	1670	574
	f	28	2130	729	1350	1348	1757	588
	f	29	2120	820	1102	1132	1798	590
21.4	s	45	2150	752	738	—	1769	580
	s	46	2150	846	1050	—	1778	576
	s	47	2166	1138	1660	—	1770	570
21.6	f	30	2159	682	1202	1184	1732	562
	s	48	2170	1194	1550	—	1742	556
2180	s	49	2188	349	730	—	1760	556
	f	31	2178	440	1334	1380	1772	560
	f	32	2180	650	1490	1520	1734	562
	f	33	2186	844	1621	1570	1750	564
	f	34	2192	1109	970	1010	1756	570
	s	50	2196	1110	1280	—	1772	572
	s	51	2179	1159	~~857~~ 851 ~~855~~	—	1762	572
22.0	f	35	2201	280	1484	1566	1768	572
	f	36	2200	390	900	862	1772	568
	s	52	2205	841	1440	—	1782	568
	s	53	2210	1099	1620	—	1760	570

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Cl.-Dk.	Dejl.-Dk.	Rad. Dejl.	Magn.
1239	18	814	
1214	984	810	
1202	772	642	
1248	39	31	
1266	300	237	
1232	693	562	
1267	718	566	
—	—		
1231	559	454	
1200	1068	890	
1222	208	170	
1096	583	631	
1169	761	651	
1208	527	436	
1189	158	133	
1202	474	394	
1200	1090	908	
1170	631	539	
1186	994	838	
1204	174	144	
1212	797	657	
1172	943	804	
1186	1032	872	
1186	420	354	
1200	708	591	
1190	279	234	
1196	953	797	
1204	313	260	
1214	872	718	
1190	950	797	

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J. F. McJ - RB 2463 - Dec. 12, 1932.

Strip	Class	Star	y	x	Dyfl	Dyfl	ce Dk	Tabs	
22.2	—	—	—	—	—	—	—	—	
22.4	f	37	2238	479	1510	1538	1760	568	
	s	54	2251	549	852	—	1762	561	
	s	55	2256	590	638	—	1736	560	
	f	38	2239	886	1356	1380	1698	564	
	s	56	2252	1239	1382	—	1768	560	500
22.6	s	57	2277	1067	1648	—	1822	583	
22.8	s	58	2290	317	1390	—	1798	583	
	s	59	2290	839	988	—	1782	582	
23.2	f	39	2329	708	1318	1362	1797	588	
	s	60	2338	873	1463	—	1772	593	
	f	40	2319	912	758	782	1782	597	
23.4	s	61	2350	1150	1502	—	1778	602	
23.6	f	41	2365	388	1080	1639	1789	580	
	s	62	2360	682	1113	—	1767	582	
	s	63	2360	597	1452	—	1757	573	
	s	64	2370	825	717	—	1793	580	
	s	65	2363	891	1238	—	1799	600	
	f	42	2372	1139	1300	1300	1858	592	
	f	43	2362	1202	1216	1232	1817	593	
23.8	s	66	2389	437	1052	—	1823	590	
	f	44	2392	537	1522	1462	1822	583	
	s	67	2388	603	1666	—	1847	590	
	s	68	2397	837	1458	—	1812	602	
	s	69	2393	823	1063	—	1802	588	
24.0	s	70	2400	528	1129	—	1817	603	
	s	71	2410	990	1187	—	1792	593	
24.2	s	72	2421	453	1257	—	1808	573	
	s	73	2430	922	1073	—	1832	577	
24.6	s	74	2469	722	1519	—	1818	582	

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Cl. – Dk.	Degg. – Dk.	Red. Degg	Magn.
1192	956	498	
1201	291	242	
1176	78	66	
1134	804	701	
1208	822	680	
1239	1065	861	
1215	807	664	
1200	406	338	
1209	762	622	
1179	870	738	
1185	173	146	
1176	900	765	
1159	1000	866	
1185	531	448	
1184	879	742	
1213	137	113	
1199	638	532	
1266	708	560	
1224	631	515	
1213	462	381	
1239	909	734	
1251	1076	857	
1210	~~856~~ 856	707	
1214	975	803	
1214	526	433	
1199	594	496	
1215	664	546	
1255	496	395	
1236	937	768	

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AX-RB2463- Dec. 12, 1932.

Strip	Class	Star	y	x	Dyl	Dyl	Ce	Dk	Volts
	x	75	2470	1010	1473	—	1838	582	
25.0	x	76	2508	797	1992	—	1777	577	
25.2	x	77	2531	613	882	—	1792	583	
	f	45	2519	882	863	826	1807	571	570

f Plate Finished =

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Cl.-Dk.	Mean Diff.-Dk.	Red Diff.	Magn.
1256	891	710	
1200	755	629	
1209	299	247	
1236	272	220	

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m. m. – RB 2235 – Dec. 12, 1932

Stars	Class	Star	y	x	Diff	Diff. Cl.	Dk	Volts
15.0	f	1	1502	828	1147	1169	1548	561
15.2	s	1	1525	1007	612	—	1538	569
15.4	s	2	1550	770	1138	—	1510	559
15.6	s	3	1559	692	808	—	1493	568
	s	4	1568	718	598	—	1491	571
15.8	s	5	1594	731	1100	—	1522	567
16.0	s	6	1610	612	1192	—	1512	563
16.2	f	2	1622	772	1338	1304	1491	561
16.4	s	7	1670	558	1138	—	1490	559
	f	3	1664	982	1223	1289	1549	572
16.8	s	8	1686	691	1124	—	1498	568
17.2	f	4	1730	478	1388	1391	1541	571
17.4	s	9	1740	812	1178	—	1522	575
17.6	f	5	1762	313	840	812	1512	570
	f	6	1775	433	1340	1328	1521	568
	s	10	1770	655	1162	—	1528	562
18.0	s	11	1800	502	1034	—	1523	571
17.8	s	12	1780	656	1160	—	1538	568
	f	7	1795	761	1190	1115	1521	573
	s	13	1795	1152	1312	—	1566	576
	s	14	1794	1161	878	—	1562	572
18.0 cont.	s	15	1805	1205	1225	—	1552	568
18.2	s	16	1832	555	1502	—	1512	572
	f	8	1830	1129	661	688	1558	574
18.4	s	17	1842	502	1272	—	1550	568
	f	9	1841	950	1000	940	1558	572
	s	18	1843	1102	1088	—	1552	578

June.

18.4	s	19	1842	502	1278	—	1598	563
	f	10	1840	995	956	954	1641	562
	s	20	1841	1102	1142	—	1540	570

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Cl.-Dk	Dofl.-Dk.	Red. Dofl. Magn.
987	597	605
969	43	44
951	579	609
925	240	259
920	27	29
955	533	558
949	629	663
930	760	817
931	579	622
977	884	905
930	556	598
870	819	941
947	603	637
942	256	272
953	766	804
966	600	621
952	463	486
970	592	611
948	579	611
979	736	752
990	306	309
984	657	668
940	930	990
984	100	102
982	704	716
986	398	404
974	510	523
—	—	—
1035	715	690
1019	393	364
1020	572	561

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gmc_1B 2235 12-12-32

Strip	Class	Star	y	x	Dyff	Dyff.	C.c.	dk	Volts
18.6	f	11	1859	362	1303	1255	1593	570	5.02
	s	21	1870	679	1340	—	1573	573	
	s	22	1864	1153	1120	—	1620	572	
	f	12	1870	1257	853	805	1626	568	
18.8	f	13	1880	350	1152	1147	1543	566	
	f	14	1881	911	1250	1168	1586	564	
	s	23	1878	1137	1460	—	1628	569	
	s	24	1881	1261	1013	—	1618	570	
.0	f	15	1903	597	1104	1103	1600	572	
	s	25	1910	700	670	—	1568	568	
	s	26	1913	1258	1058	—	1622	563	
19.4	f	16	1942	490	860	868	1569	567	
	s	27	1952	943	1334	—	1605	570	
	s	28	1950	1030	1323	—	1608	567	
19.6	s	29	1962	409	1267	—	1522	569	500
	f	17	1960	443	955	(*985)	1550	567	
	s	30	1968	577	1298	—	1547	570	
	s	31	1976	643	854	—	1553	569	
	s	32	1960	939	1279	—	1597	568	
19.8	s	33	1980	363	908	—	1566	564	
	f	18	1991	605	648	644	1577	568	
	s	34	1991	738	1201	—	1545	561	
	f	19	1990	957	1342	1372	1608	562	
	s	35	1989	968	1258	—	1607	569	
	f	20	1995	995	1420	1428	1612	569	
	f	21	1993	1054	1378	1377	1612	564	
20.2	s	36	2028	1003	1455	—	1608	561	
	s	37	2020	1095	795	—	1613	558	
	s	38	2035	1319	765	—	1632	563	
20.4	f	22	2051	813	873	863	1602	563	

*- defective 2nd image, so it had better be omitted (film dissected)

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Cl.-Dk.	Bdgl.-Dk.	Rd. Dgl.	Magn.
1023	709	692	
1000	767	767	
1048	548	523	
1058	261	247	
977	584	598	
1022	645	630	
1059	891	841	
1048	443	423	
1028	482	469	
1000	102	102	
1059	495	467	
1002	297	296	
1035	764	738	
1041	756	725	
953	698	732	
983	388	395	
977	728	745	
984	285	290	
1029	711	691	
1002	336	335	
1009	78	77	
984	646	656	
1046	795	952	
1038	689	664	
1043	855	820	
1048	814	777	
1047	894	854	
1055	237	225	
1069	202	189	
1039	305	294	

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gmE RB 2235 12-12-32

Strip	Class	Star	y	x	Defl	Defl	a	Dk	Volt
	f	23	2047	877	1441	1411	1577	562	
	h	39	2039	918	1035	—	1593	562	
20.6	a	40	2065	465	1355	—	1576	568	
	f	24	2078	521	1158	1113	1580	573	
	f	25	2065	767	871	851	1559	567	
	f	26	2071	772	1318	1317	1578	562	
	h	41	2076	865	1408	—	1598	561	
	a	42	2079	916	1190	—	1575	564	
	a	43	2070	1151	1485	—	1605	565	
20.8	a	44	2091	992	994	—	1688	575	
	a	45	2097	1008	675	—	1598	564	
	a	46	2080	1050	690	—	1590	573	
	a	47	2095	1205	1225	—	1595	577	
	Key - RB 2235 — Dec. 12, 1932.								520
20.8	f	27	2080	523	1232	1212	1712	583	
(Repeat)	a	48	2092	992	1048	—	1752	573	
	a	49	2099	1008	803	—	1767	577	
	a	50	2081	1049	712	—	1767	573	
	a	51	2098	1224	1308	—	1707	572	
21.0	f	28	2100	291	1007	1008	1603	572	
	a	52	2101	642	1362	—	1693	572	
	a	53	2101	648	893	—	1676	573	
	a	54	2114	709	748	—	1672	578	
	f	29	2102	748	1372	1312	1728	573	
	f	30	2112	892	792	828	1732	563	
	a	55	2112	1107	1337	—	1747	563	
21.2	a	56	2120	1060	1177	—	1717	562	
	a	57	2120	1082	1132	—	1749	570	
	f	31	2137	1178	1432	1430	1706	563	
	a	58	2130	1283	1070	—	1787	567	

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α.-Dk.	Def.-Dk.	Red. Def.	Magn.
1015	864	850	
1031	473	458	
1008	787	781	
1007	563	559	
992	294	297	
1016	756	744	
1037	839	809	
1011	626	618	
1040	920	884	
1025	419	409	
1034	111	107	
1017	117	115	
1018	~~640~~	637	648
1129	689	610	
1179	475	403	
1190	226	190	
1174	119	101	
1185	786	663	
1181	936	792	
1121	790	704	
1103	320	289	
1094	170	155	
1155	769	665	
1169	247	211	
1184	774	653	
1155	615	532	
1179	562	476	
1193	868	727	
1220	943	842	

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DJP - RB 2235 - dec. 12, 1932.

Strip	Class	Star	Y	X	Diff	Diff.	Cl	Obs	Notes
21.4	f	32	2143	632	1398	1200	1707	079	
	d	59	2153	1393	1460	—	1799	083	
21.6	d	60	2160	393	1459	—	1707	072	
	f	33	2171	983	892	859	1722	074	
	d	61	2170	801	1443	—	1740	073	
	d	62	2159	891	1178		1722	068	
	d	63	2160	1209	1052	—	1707	067	
21.8	d	64	2191	637	1460	—	1718	059	
22.0	d	65	2200	812	1249	—	1705	062	
	f	34	2209	1198	1234	1340	1752	063	
22.2	f	35	2218	380	783	783	1677	063	
	d	66	2221	583	1362	—	1647	061	
	f	36	2238	872	1443	1522	1658	048	
22.4	f	37	2238	368	1528	1524	1653	043	
	d	67	2249	409	1260	—	1657	041	
	f	38	2242	638	993	912	1612	040	
	f	39	2241	704	993	900	1620	038	
	d	68	2250	708	1332	—	1682	032	
	f	40	2231	990	1283	1190	1658	043	
22.6	d	69	2272	628	1453	—	1653	052	
	f	41	2260	1178	1050	1430	1678	042	
22.8	d	70	2290	694	1040	—	1640	043	
	d	71	2297	707	1222	—	1660	053	
23.0	d	72	2316	1088	654	—	1657	047	
	d	73	2318	1210	748	—	1723	057	605

DJP - RB 2235 - dec. 13, 1932. 626

23.0	d	74	2316	1088	658	—	1666	079	
(Repeat)	d	75	2309	1210	713	—	1707	078	
23.2	d	76	2320	609	1219	—	1599	078	
	f	42	2337	847	722	707	1642	083	

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R.-Dk.	Dif-Dk.	Red. Diff. Magn.
1128	720	638
1216	882	725
1135	887	781
1148	302	263
1167	870	746
1154	610	528
1190	985	821
1154	901	779
1143	687	600
1199	734	612
1124	230	205
1086	811	740
1110	934	841
1110	983	885
1116	719	644
1072	412	384
1082	408	377
1150	800	695
1115	693	621
1101	901	818
1136	923	812
1097	497	463
1107	669	604
1110	107	96
1166	191	164
1087	79	73
1129	135	119
1021	641	628
1059	131	124

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Dyp - RD 2235 - Dec 10, 1932.

Strip	Class	Star	Y	X	Dyfl.	Dyfl2	Cl.	dk Volts
	K	77	2321	1153	811	—	1628	572
	K	78	2397	1205	1393	—	1662	577
23.4	F	43	2350	547	710	702	1062	573
	F	44	2342	704	1232	1222	1623	578
	F	45	2341	782	1270	1307	1612	577
	F	46	2351	1068	1082	1173	1628	572
23.6	F	47	2372	413	1238	1132	1057	570
	F	48	2368	402	589	603	1058	573
	K	79	2368	642	1163	—	1543	573
	K	80	2367	727	1288	—	1052	567
24.0	K	81	2442	440	1327	—	1593	563
	K	82	2407	458	908	—	1598	572
	F	49	2417	1165	663	688	1622	573
24.2	K	83	2430	612	867	—	1052	567
	K	84	2438	816	793	—	1058	568
	F	50	2428	864	1248	1209	1083	572
	F	51	2431	910	1272	1304	1582	569
24.4	K	85	2448	778	1052	—	1068	568
	K	86	2453	809	1122	—	1589	573
	K	87	2440	1028	1398	—	1593	573
	K	88	2457	1109	1253	—	1089	577
24.6	K	89	2467	883	1208	—	1573	579
	K	90	2446	1089	1403	—	1563	577
24.8	F	52	2483	893	622	627	1058	573
25.0	K	91	2506	987	1332	—	1058	567
	F	53	2500	1019	1066	980	1082	572
25.2	F	54	2520	770	1372	1389	1062	571
25.4	K	92	2541	762	1338	—	1572	562

Plate finished!

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Cl.-Dk.	Defl.-Dk.	Red. Defl. Magn.
1056	239	226
1085	816	751
1089	158	160
1045	649	621
1035	711	686
1056	556	526
987	615	623
985	23	23
970	590	608
985	721	732
1030	764	742
1026	386	~~424~~ 376
1049	102	97
985	300	305
990	225	227
1011	656	648
1013	719	709
1000	944	944
1016	549	540
1020	825	809
1012	676	667
994	679	684
986	826	838
985	51	52
991	765	723
1010	451	446
991	809	817
1010	776	768

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J. McJ. R.B. 2696 Dec. 22, 1932

Strip	Class	Star	y	x	Llyl	Llyl b	Ce Dk	Watt	
15.0	1	S	1510	762	816	—	1148	568	485
15.2	1	f	1530	719	991	990	1116	562	
	2	f	1518	704	1022	1010	1110	559	
	3	f	1520	989	672	650	1108	551	
	2	S	1548	627	1011	—	1119	552	
	4	f	1560	731	980	992	1138	551	
	5	f	1551	787	956	932	1118	550	
	3	S	1640	800	912	—	1109	552	
	6	f	1548	997	630	622	1118	549	
15.6	7	f	1569	583	891	932	1140	551	
	8	f	1571	599	712	730	1110	551	
	9	f	1570	662	790	810	1108	554	
	10	f	1559	901	988	988	1122	552	
15.8	11	f	1579	581	1031	1039	1140	552	
	4	S	1590	650	980	—	1121	552	
	5	S	1590	729	649	—	1120	558	
	6	S	1584	1001	590	—	1122	562	
	12	f	1590	~~1130~~ 1030	1040	1040	1130	570	
	13	f	1591	1091	1082	1068	1132	570	
16.0	14	f	1600	753	991	990	1130	580	
	15	f	1601	890	1060	1058	1111	580	
	16	f	1600	1048	1078	1088	1134	580	
	17	f	1598	1050	1000	1018	1144	580	
16.2	18	f	1620	727	1042	1031	1131	578	
	7	S	1620	950	1000	—	1130	580	
	19	f	1630	1128	914	912	1158	584	
	20	f	1620	727	1052	1058	1180	608	
	8	S	1620	950	1030	—	1170	610	
	21	f	1630	1073	968	956	1182	604	
	9								

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Cl.-Dk.	Dafl.-Dk.	Bed. Dafl. Magn.
580	278	480
554	428	773
551	457	830
557	110	198
561	459	810
587	435	742
568	394	694
557	360	647
569	77	135
589	361	613
559	170	304
554	246	444
570	436	765
588	483	822
569	428	754
562	91	163
560	28	50
560	470	840
562	505	898
550	410	746
531	479	903
554	503	909
564	429	761
553	458	829
550	420	764
574	329	573
572	447	782
560	410	733
578	358	619

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KP - RB 2696 - Dec. 23, 1932.

Strip	Class	Star	y	x	dep1	dep1a	Cl.	dk	Volts
16.2	f	22	1620	703	1132	1108	1209	067	520
(Repeat)	s	10	1620	947	1052	~~H92~~	1192	062	
	f	23	1630	1062	933	952	1217	078	
16.4	f	24	1651	563	1088	1072	1187	070	
	f	25	1652	850	1113	1103	1192	073	
	f	26	1647	949	1088	1083	1198	073	
	s	11	1640	957	1067	—	1202	070	
	f	27	1650	1020	1057	1022	1198	067	
	f	12	1646	1047	1088	~~H22~~	1192	068	
16.6	s	13	1662	604	958	—	1202	073	
	f	28	1660	743	1112	1118	1197	080	
16.8	s	14	1682	849	1052	—	1218	072	
	f	29	1682	1062	872	790	1228	083	
17.0	p	15	1712	738	703	—	1212	078	
	s	16	1708	1097	717	—	1188	067	
17.2	s	17	1720	580	693	—	1218	068	
	f	30	1722	713	1087	1097	1208	082	
	f	31	1724	813	1012	1072	1197	083	
	s	18	1730	818	1093	—	1220	092	
	s	19	1721	977	971	—	1228	079	
	s	20	1730	993	1064	—	1228	078	
	f	32	1721	1100	1133	1130	1223	087	
	f	33	1738	1092	1100	1128	1224	098	
	s	21	1730	1122	1020	—	1248	082	
	f	34	1732	1237	1120	1073	1252	083	
	s	22	1722	1249	616	—	1238	082	
17.4	f	35	1740	449	822	773	1218	072	
	f	36	1752	937	928	952	1222	068	
17.6	s	23	1770	681	883	—	1209	078	
17.8	p	24	1781	1169	959	—	1224	073	

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Cl.-Dk.	Defl.-Dk.	Red. Defl. Magn.
642	553	862
630	490	778
639	364	570
617	510	827
619	535	865
625	513	822
632	497	787
631	473	750
624	520	834
629	385	612
617	535	868
646	480	744
645	248	385
634	125	197
621	150	242
650	125	193
626	510	815
614	459	748
628	501	798
649	392	604
650	486	748
636	545	867
626	516	825
666	438	659
669	513	768
656	34	52
646	226	350
654	372	569
691	305	441
651	386	593

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NP-RB 2696- Dec. 23, 1932.

Strip	Class Star	Star	Yy	Yk	Ryl	Rkl	Ce	Ck	Volts	
	f	37	1788	1299	683	642	1208	576		
18.0	f	38	1812	500	1117	1108	1209	582		
	s	25	1811	519	908	—	1206	573		
	f	39	1799	905	942	922	1223	582		
	s	26	1803	979	872	—	1217	574		
	f	40	1811	1080	1106	1127	1222	577		
	f	41	1796	1174	1169	1122	1233	592		
	f	42	1800	1178	1053	1054	1244	587		
18.2	s	omit outside arcs	1833	327	998	—	1178	588		
	s	27	1836	473	1063	—	1188	573		
	s	28	1832	899	1123	—	1272	587		
	s	29	1827	1148	1103	—	1230	574		
	f	43	1882	1157	999	1024	1248	578		
		m.m. RB 2696, Dec. 23, 1932								
18.4 (Repeat)	f	44	1832	1158	1048	1061	1322	582	5.20	
	s	30	1843	472	1091	—	1232	588		
	s	31	1832	899	1021	—	1262	587		
	s	32	1827	1148	1300	—	1252	591		
18.4	f	45	1843	453	959	1008	1203	578		
	f	46	1852	692	1058	1062	1208	586		
	f	47	1852	740	963	978	1252	588		
	s	33	1855	959	1022	—	1233	581		
	s	34	1845	1018	1215	—	1241	619		
	f	48	1839	1112	1052	1018	1258	578		
	f	49	~~1840~~	1215	662	651	1218	580		
18.6	f	50	1862	958	600	606	1231	583		
	f	51	1859	1104	1149	1123	1222	580		
	s	35	1868	1241	1109	—	1257	582		
18.8	s	36	1885	347	1162	—	1279	591		
	f	52	1889	529	691	682	1231	590		
	s	37	1896	670	970	—	1225	588		

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Cl.-Dk.	Deff.-Dk. (mean)	Red. Deff. Magn.
632	86	136
627	530	845
633	335	529
641	350	546
643	298	463
645	554	859
641	467	729
657	410	624
—	—	—
615 ~~570~~	490	798
685	536	783
656	529	806
670	434	648
740	472	639
644	503	782
675	434	643
661	709	1007
625	406	650
622	474	762
664	382	575
652	441	676
622	596	959
680	457	673
638	76	118
648	20	31
642	556	866
669	527	788
688	571	831
641	96	150
637	382	599

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M. M. — RB 2696 — Dec. 23, 1932.

Strip	Class	Star	y	x	Dcll.	Dcll.	Cl.	Dk.	Volt
	f	53	1887	703	717	756	1242	596	
	f	54	1887	813	1152	1142	1238	588	
	s	38	1882	928	980	—	1221	580	
	f	55	1883	1013	742	738	1238	582	
19.0	s	39	1910	740	1830	—	1215	578	
19.2	s	40	1930	450	978	—	1192	581	
	f	56	1918	720	1122	1052	1199	572	
	f	57	1925	836	1081	1168	1218	581	
	f	58	1928	1106	1061	1087	1212	583	
	f	59	1937	1133	1157	1210	1198	578	
	f	60	1927	1210	908	932	1218	572	
	f	61	1918	1288	1057	1051	1232	580	
	f	62	1936	1345	960	873	1235	578	
19.4	s	41	1951	378	988	—	1168	568	
	f	63	1938	499	929	912	1188	578	
	s	42	1945	780	1078	—	1201	575	
	f	64	1953	820	1058	1047	1232	583	
	e	43	1943	863	1128	1115	1222	585	
	s	44	1951	1018	1140	—	1239	578	
	f	65	1948	1362	1028	1111	1232	583	
	f	66	1937	1371	1100	1109	1241	588	
19.6	s	45	1965	600	590	—	1215	590	
	f	67	1967	632	1012	1012	1192	581	
	f	68	1970	750	637	632	1222	580	
	s	46	1972	750	1058	—	1208	582	
	f	69	1959	970	982	980	1228	580	
	f	70	1963	988	1068	1150	1220	583	
	s	47	1965	1300	967	—	1231	578	
19.8	f	71	1992	568	947	966	1198	582	
	s	48	1995	1083	1048	—	1236	584	

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Cl.-Dk.	mean Dcfl.-Dk.	Red. Dcfl. Magn.
646	140	217
650	559	860
641	400	624
656	158	241
637	252	396
611	397	650
627	550	877
637	543	854
629	491	781
620	606	979
646	348	539
652	474	728
657	338	514
600	420	700
610	342	561
626	503	804
649	469	723
637	543	854
661	562	850
649	487	751
653	516	791
625	000	000
611	431	706
642	54	84
626	476	761
648	401	619
637	526	827
653	389	596
616	374	609
652	464	712

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M. M. — RB. 2696 — Dec. 23, 1932

Stiff	Class	Star	y	x	Deff.	Deff.	Cl.	Dk.	volt.
	f	~~149~~ 72	1997	1180	1022	1038	1223	582	
	f	73	1980	1229	968	989	1222	591	
20.0	s	✓ ~~49~~ 5	2009	~~692~~ 892	971	—	1187	582	
	s	✓ 50	2000	607	858	—	1201	580	
	f	✓ 74	2000	622	1070	1052	1192	588	
	s	51	2002	851	600	—	1200	578	
20.2	f	75	2025	1268	618	640	1210	580	
20.4	f	76	2043	485	978	968	1182	568	
	f	77	2040	840	1031	1088	1218	579	
	s	✓ 52	2039	1240	681	—	1238	588	
	f	78	2049	1356	989	1032	1218	571	
	f	79	2045	482	961	932	1168	568	
	f	80	2051	702	1120	1129	1182	580	
	f	✓ 81	2041	840	1033	1063	1218	570	
	s	✓ 53	2053	930	1042	—	1202	568	
	f	✓ 82	2050	1358	1002	993	1225	570	
	s	54	2050	1365	1052	—	1221	575	
20.6	f	83	2060	762	990	1052	1306	570	
	s	✓ 55	2064	859	1040	—	1205	580	
20.8	f	84	2082	522	1038	1061	1192	568	
	f	85	2089	975	800	762	1237	573	
	f	86	2089	1212	1021	992	1218	578	
	f	87	2092	1291	989	999	1235	572	
21.0	f	88	2110	490	1062	1068	1178	570	
	f	89	2106	1080	1100	1150	1238	578	
21.2	f	90	2131	338	980	1012	1181	580	
	f	91	2125	939	883	802	1224	578	
	s	✓ 56	2119	1195	762	—	1207	575	
	f	92	2138	1160	1000	1048	1228	572	
21.6	f	93	2175	528	1032	1059	1172	578	

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1932phmo.pr

Cl.-Dk.	mean Deff.-Dk	Red. Deff. Magn.
641	448	700
631	387	614
605	389	643
621	278	448
604	473	784
622	22	35
630	49	778
614	405	660
639	481	753
650	93	143
647.	439	680
398 600	378	630
544 602	544	905
~~600~~ 478 648	478	738
~~602~~ 474 634	474	748
~~648~~ 428 655	428	654
~~634~~ 477 646	477	739
~~655~~ 451 736	451	613
~~646~~ 460 625	460	737
~~736~~ 482 624	482	773
~~625~~ 208 664	208	313
~~624~~ 428 640	428	670
~~664~~ 422 663	422	637
~~670~~ 495 608	495	814
~~663~~ 547 660	547	829
~~608~~ 416 601	416	693
~~660~~ 264 646	264	409
~~604~~ 187 632	187	296
~~646~~ 452 656	452	689
594 464	468	789

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m. m. – RB 2696 – Dec. 23, 1932.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
	f	94	2178	1059	928	855	1228	578	
	f	95	2172	1229	761	758	1199	581	
	s	57	2170	1252	928	—	1212	577	
	s	58	2163	1273	978	—	1221	581	
	f	96	2167	1300	1090	1098	1215	579	5.15
		m. m. – RB 2696 – Dec. 24, 1932.							5.15
21.6 Repeat	f	97	2175	528	1158	1138	1278	648	
	f	98	2169	863	1152	1161	1212	658	
	f	99	2178	1059	946	941	1205	668	
	f	100	2172	1229	846	841	1282	652	
	s	59	2170	1252	1010	—	1272	655	
	s	60	2163	1273	1015	—	1270	648	
	f	101	2168	1300	1188	1212	1288	658	
21.8	f	102	2190	472	1027	1038	1267	642	
	f	103	2188	512	1142	1149	1242	633	
	f	104	2182	767	1018	1019	1243	638	
	s	61	2188	989	987	—	1247	648	
	f	105	2185	1122	1148	1232	1232	632	
	f	106	2188	1148	1178	1182	1233	638	
	s	62	2178	1281	1018	—	1239	632	
	s	63	2192	1338	997	—	1258	631	
	f	107	2212	520	979	940	1182	620	
	f	108	2210	1100	859	879	1321	618	
	f	109	2230	391	1052	1038	1175	621	
	s	64	2223	753	952	—	1202	612	
	s	65	2233	975	1038	—	1192	618	
22.4	s	66	2250	368	1048	—	1152	612	
	s	67	2243	420	971	—	1161	610	
	s	68	2256	454	794	—	1159	607	
	f	110	2246	588	1040	1059	1189	608	

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1932phar.pr

Cl.-Dk.	mean Dcfl.-Dk.	Red. Dcfl. Magn.
650	314	482
618	179	290
635	351	553
640	397	620
636	515	810
—	—	—
630	500	794
554	498	900
637	276	514
630	192	305
617	355	575
622	367	591
630	542	860
625	390	624
609	513	844
605	380	628
599	339	566
600	558	931
595	542	912
607	386	636
619	366	591
562	340	605
703	251	367
554	424	766
590	340	576
574	420	732
540	436	808
551	361	655
552	187	339
581	442	761

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M. M. – RB 2696 – Dec. 24, 1932.

Strip	class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
	f	111	2258	718	922	802	1191	605	
22.6	s	69	2269	382	818	—	1165	602	
	f	112	2276	534	1048	989	1158	603	
	s	70	2272	711	859	—	1172	603	
	f	113	2260	749	1103	1042	1320	610	
	f	114	2269	938	1032	1012	1179	602	
22.8	f	115	2278	532	1000	1038	1171	599	
	f	116	2279	861	772	763	1283	592	
23.0	f	117	2308	1022	1099	1096	1193	594	
	f	118	2307	1155	862	838	1188	597	
	s	71	2302	1317	952	—	1177	599	
23.2	s	72	2335	492	1005	—	1162	592	
	f	119	2320	753	867	902	1169	599	
	f	120	2323	850	838	842	1172	595	
	s	73	2336	1194	1058	—	1161	592	
23.4	f	121	2339	1001	845	852	1175	588	
	f	122	2351	1152	758	732	1168	598	
	f	123	2348	1181	1047	1022	1161	595	
23.6	s	74	2377	1078	1031	—	1175	606	
	f	124	2360	1224	618	612	1181	602	
23.8	s	75	2390	680	956	—	1172	612	
24.0	f	125	2410	620	785	807	1180	613	
	s	76	2408	952	978	—	1185	615	
	f	126	2406	1029	630	622	1172	618	
	f	127	2403	1172	970	988	1172	612	
	f	128	2415	1189	632	635	1163	615	
24.2	s	77	2432	589	627	—	1188	610	
	f	129	2431	719	1058	1103	1193	622	
	f	130	2432	882	863	832	1200	617	
	f	131	2432	889	812	812	1172	618	

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Cl.-Dk.	mean Dyff.-Dk	Red. Dyff. Magn.
586	257	439
563	216	384
555	415	748
569	256	450
710	462	652
577	420	728
572	420	734
691	176	255
599	504	842
591	253	428
578	353	611
570	413	725
570	285	500
577	245	424
569	466	819
587	260	443
570	147	258
566	439	777
569	425	747
579	13	22
560	344	614
567	183	323
570	363	637
554	8	14
560	367	656
548	19	35
578	17	29
571	458	803
583	231	396
557	189	341

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M. M. - RB. 2696 - Dec. 24, 1932

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
24.4	f	132	2443	651	728	743	1172	618	
	f	133	2440	1028	962	958	1182	631	
24.6	s	28	2460	562	1020	—	1168	622	
	f	134	2460	1098	712	751	1202	620	
24.8	f	135	2480	788	702	695	1192	610	
	f	136	2485	889	953	952	1192	617	
25.2	s	29	2530	642	700	—	1172	600	5.08

Plate Limit

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Cl.-Dk.	mean Deff.-Dk.	Red. Deff.	Magn.
554	118	213	
551	329	597	
546	398	730	
582	112	193	
582	88	151	
575	335	582	
572	100	175	

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M. M. — RB. 2684 — Dec. 24, 1932.

Strip	Class	Star	y	x	Defl.	Defl.	Clo.	Rk.	volt.
15.2	f	1	1530	962	1052	1088	1232	638	5.10
15.4	f	2	1538	703	1150	1101	1221	608	
	f	3	1567	850	1132	1132	1212	612	
15.8	f	4	1582	748	1150	1138	1222	621	
16.0	f	5	1597	512	1128	1126	1182	608	
	s	1	1603	520	1070	1 —	1180	612	
16.2	s	2	1637	512	1150	—	1188	606	
	s	3	1618	1018	1062	—	1218	610	
16.4	s	4	1626	1120	1032	—	1222	612	
	f	6	1638	1122	880	958	1212	597	
	s	5	1625	1151	1053	—	1212	591	
16.4	f	7	1640	464	1058	1071	1182	608	
	s	6	1647	738	1122	) —	1231	601	
	s	7	1641	1084	890	—	1212	600	
	f	8	1639	1142	1112	1108	1232	602	
16.6	f	9	1660	730	910	962	1202	598	
16.8	s	8	1683	692	1162	—	1214	602	
	s	9	1687	718	1171	—	1202	583	
	f	10	1685	1091	929	962	1221	587	
	s	10	1695	1211	738	—	1212	598	
17.0	s	11	1715	569	953	—	1168	589	
	f	11	1718	1172	1010	971	1208	589	
	s	12	1708	1180	1061	—	1208	591	
17.2	s	13	1725	565	732	—	1188	582	
	f	12	1722	570	1060	1088	1192	602	
	f	13	1720	570	1072	1068	1218	598	
	f	14	1730	732	1089	—	1190	588	
	s	15	1722	1225	1050	—	1221	596	
	f	14	1731	1242	1052	1062	1218	602	
17.4	s	16	1750	552	932	—	1188	605	

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Cl.-Dk.	mean Defl.-Dk.	Red.-Defl. Magn.
594	432	728
613	518	846
600	620	867
601	523	871
574	519	904
568	458	825
582	544	935
608	452	744
610	420	688
615	322	524
621	462	744
574	456	794
630	521	828
612	290	474
630	508	807
604	338	560
612	560	915
619	588	950
634	359	566
614	140	228
579	364	629
621	403	650
617	470	762
606	150	248
590	472	800
620	472	762
602	501	833
625	454	727
616	455	739
583	327	561

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and 32 Lyn — M.M. – RB 2684 – Dec. 24, 1932

Strip	Class	Star	y	x	Defl.	Defl.	cc.	Dk.	volt.
			1750	1378	1058	988	1208	602	
	outside circle		1758	1402	988	—	1198	600	
	f	15	1770	1048	1012	1022	1238	608	
	f	16	1765	1254	792	842	1235	618	
17.8	f	17	1796	413	822	832	1293	592	
	f	18	1790	650	1098	1113	1218	583	
	f	19	1793	667	1167	1171	1220	602	
	f	20	1777	1147	1147	1147	1219	582	
	f	21	1781	1303	1108	1127	1229	583	
18.0	f	22	1807	771	992	1003	1203	588	
	f x	17	1800	956	1111	—	1197	583	
18.2	f	23	1813	718	1132	1172	1207	583	
18.4	x	18	1807	537	1152	—	1198	593	
	f	24	1841	1272	1153	1150	1192	592	
	f	25	1851	1291	998	993	1197	579	
18.6	x	19	1860	557	1070	—	1190	592	
	x	20	1877	722	1093	—	1211	593	
	x	21	1863	858	848	—	1212	603	
18.8	f	26	1888	553	1093	1093	1207	607	
	f	27	1878	670	1148	1137	1212	602	
	f	28	1891	743	1138	1138	1219	593	
	f	29	1892	999	1028	1068	1197	593	
19.0	f	30	1900	478	1128	1122	1207	603	
	f	31	1910	519	1061	1103	1218	608	
	x	22	1908	637	1163	—	1223	597	
	f	32	1898	670	1130	1143	1229	612	
	x	23	1903	783	1139	—	1209	604	
	f	33	1900	963	1097	1107	1232	613	
19.2	f	34	1930	302	1148	1143	1257	659	
	f	35	1922	290	1162	1182	1264	643	

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Cl.-Dk.	mean Red.-Dgfl.-Dk.	Red.-Dgfl.	Magn.
630	409	650	
617	199	322	
701	235	335	
635	523	825	
618	567	918	
637	565	888	
646	535	829	
615	410	667	
614	528	860	
624	654	889	
605	559	925	
600	560	935	
618	417	675	
598	478	799	
618	500	809	
609	245	402	
600	486	810	
610	540	885	
626	545	871	
604	455	754	
604	522	865	
615	479	779	
626	566	905	
617	524	849	
605	535	885	
619	484	790	
598	487	815	
621	529	853	

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2 yr - RB 2684 - Dec. 24, 1932

Strip	Class Star	Plate No.	#	x	x(eff)	x(eff)	ce	ck	Tot
	f	36	1928	586	1107	1109	1262	652	
	x	27	1930	608	953	—	1258	633	
	f	37	1930	629	1207	1163	1263	649	
	x	25	1921	928	1001	—	1272	644	
	f	38	1928	987	1180	1227	1279	653	
	f	39	1920	1022	1142	1178	1273	643	
	f	40	1921	1109	1317	1323	1283	653	
	x	26	1932	1133	950	—	1277	638	
19.4	f	41	1947	447	1057	1053	1249	642	
	x	27	1952	697	1080	—	1271	632	
	x	28	1952	908	1148	—	1268	639	
	f	42	1942	1083	1072	963	1258	633	
	f	43	1942	1108	1142	1148	1268	643	
19.6	f	44	1957	461	1109	1128	1227	633	
19.8	x	29	1975	679	983	—	1272	642	
	f	45	1991	835	1083	1077	1237	637	
	f	46	1990	868	1168	1193	1257	638	
	f	47	1972	1067	1127	1052	1243	629	
	x	30	1977	1179	1091	—	1249	630	
	f	48	1972	1277	1163	1157	1242	637	
20.0	f	49	1990	607	1132	1092	1257	633	
	f	50	2003	699	1203	1163	1243	622	
	x	31	2011	717	1077	—	1249	643	
	f	51	2005	1167	1167	1192	1258	629	
	x	32	1997	1211	1168	—	1252	632	
	f	52	2007	1208	1138	1132	1277	637	
	x	33	2010	1369	958	—	1258	628	
20.2	f	53	2020	364	842	837	1218	628	
	x	34	2028	966	1155	—	1242	633	
	f	54	2032	1047	1099	1142	1258	633	

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α-Dk.	mean Decl.-Dk.	Red. Decl.	Magn.
610 ~~436~~	436	715	
625 ~~320~~	320	512	
614 ~~536~~	536	873	
628 ~~359~~	351	568	
626 ~~551~~	551	881	
630 ~~517~~	517	821	
630 ~~667~~	667	1060	
639 ~~312~~	312	488	
607 ~~413~~	413	681	
639 ~~448~~	448	702	
629 ~~509~~	509	810	
625 ~~385~~	385	616	
625 ~~502~~	502	804	
594 ~~485~~	485	817	
630 ~~341~~	341	541	
600 ~~443~~	443	739	
619 ~~542~~	542	896	
614 ~~461~~	461	751	
619 ~~461~~	461	745	
635	523	825	
624	479	768	
621	561	904	
606	434	718	
629	551	877	
620	531	858	
640	498	779	
628	330	525	
590	212	359	
610	523	858	
625	489	783	

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Kp - RD 2684 - Dec. 26, 1932.

Strip	Class Star	Plate		K	dyfl	xlefl	Cl	xlk	Volts
20.2		55	2090	365	942	762	1177	492	500
(Repeat)		35	2029	966	1109	—	1197	503	
		56	2033	1044	1077	1082	1222	493	
		57	2017	1066	1108	1057	1242	503	
20.4		36	2049	488	682	—	1217	508	
		58	2040	637	871.	868	1192	502	
		59	2042	869	1109	1137	1229	509	
		37	2050	1061	1139	—	1223	520	
		60	2053	1212	1053	1042	1243	517	
		61	2040	1291	1172	1141	1263	513	
20.6		62	2069	388	1122	1100	1208	523	
		63	2059	451	1003	992	1213	523	
		38	2074	468	1088	—	1208	523	
		64	2077	537	801	817	1222	522	
		65	2062	652	923	892	1222	523	
		39	2063	979	1063	—	1237	527	
		66	2068	1118	821	843	1277	530	
		67	2071	1219	1092	1082	1208	537	
		68	2063	1248	1178	1197	1262	532	
		69	2061	1362	1138	1152	1277	542	
		70	2061	1377	1157	1237	1272	538	
		71	2058	1388	1132	1162	1257	540	
20.8		72	2092	309	1118	1132	1213	532	
		40	2087	333	998	—	1222	537	
		41	2080	491	798	—	1223	538	
		73	2081	516	862	882	1252	530	
		74	2090	1082	1099	1153	1283	548	
		75	2090	1123	1172	1132	1270	534	
21.0		76	2100	388	1112	1113	1232	549	
		42	2110	420	1080	—	1222	549	

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1932phot.pr

Cl-Dk.	mean Defl.-Dk.	Red. Defl.	Magn.
685	220	380	
694	606	873	
729	687	943	
739	579	784	
709	124	175	
680	358	526	
720	614	854	
703	619	881	
726	531	732	
760	643	858	
685	613	895	
690	475	689	
685	565	825	
700	287	410	
699	385	551	
710	536	755	
747	302	404	
721	550	763	
730	656	900	
735	603	821	
734	609	830	
717	607	847	
681	593	871	
685	461	673	
685	260	379	
722	342	474	
743	586	790	
736	618	840	
683	563	825	
673	531	789	

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~~Dec~~ RD 2684 Dec. 26, 1932

Strip	Class	Star	y	D	dyll	dyll	Ce	dk	Volts
°	A	43	2110	421	1071	—	1203	538	
	F	77	2110	707	1103	1137	1228	543	
	F	78	2101	809	1073	1117	1227	552	
	F	79	2104	911	1072	1092	1247	543	
	F	80	2103	1198	1029	1047	1221	550	
21.2	F	81	2120	671	1100	1119	1213	538	
	F	82	2120	828	1082	1103	1187	538	
	F	83	2129	959	904	872	1208	534	
	F	84	2128	956	1138	1172	1204	531	
	F	85	2128	974	1128	1103	1214	538	
	F	86	2126	1000	712	748	1243	546	
	F	87	2129	1140	1019	1038	1243	537	
	F	88	2119	1272	1058	1062	1213	547	
21.4	F	89	2153	978	953	963	1232	557	
	A	44	2150	1012	1120	—	1223	543	
	A	45	2140	1052	1093	—	1228	534	
	A	46	~~2143~~ 2137	~~1253~~ 1042	1078	—	1249	553	
	F	90	2157	1333	898	962	1262	553	
	F	91	2147	1367	967	987	1238	559	
21.6	A	47	2143	719	1058	—	1242	547	
21.8	F	92	2178	321	932	938	1212	559	
	F	93	2187	600	867	858	1237	550	
	F	94	2190	704	1098	1086	1222	543	
22.0	F	95	2200	1347	1113	1093	1257	560	
22.2	F	96	2223	482	1018	1003	1207	548	
	F	97	2231	912	1163	1132	1232	559	
	F	98	2230	1171	1059	1087	1258	557	
	F	99	2213	1188	1140	1132	1238	538	
22.4	A	48	2244	503	940	—	1177	536	
	A	49	2242	562	912	—	1218	558	490

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α.-Dk.	mean Decl.-Dk.	Red. Decl.	Magn.
665	533	802	
686	577	844	
675	543	805	
704	539	766	
671	488	728	
675	572	848	
649	554	854	
674	354	525	
673	624	928	
676	602	892	
697	184	264	
686	471	687	
666	513	771	
676	401	594	
680	577	849	
674	539	800	
696	525	754	
709	377	532	
679	418	616	
695	511	735	
653	376	576	
687	312	454	
679	534	787	
694	540	778	
659	462	702	
673	589	876	
701	516	737	
675	578	858	
624	387	620	
660	354	536	

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XP - RB 2684 - Dec. 26, 1932.

Strip	Class	Star	y	x	Δlyl	Δlyl	cc	Δk	Volts
22.4	A	50	2243	505	978	—	1340	562	520
(Repeat)	A	51	2241	563	1003	—	1339	562	
	A	52	2244	1283	1242	—	1347	568	
22.6	A	53	2259	437	1195	—	1303	562	
	B	100	2262	769	969	963	1323	558	
	B	101	2270	788	843	848	1312	562	
	B	102	2268	1022	1113	1098	1318	562	
	B	103	2260	1059	1058	1073	1309	562	
22.8	B	104	2278	532	1142	1103	1292	561	
	A	54	2284	648	1198	—	1307	558	
23.0	B	105	2310	737	1201	1177	1317	560	
22.8	B	106	2278	532	1212	1222	1367	607	
(Repeat)	A	55	2286	648	1228	—	1358	612	
23.0	B	107	2303	408	1287	1260	1357	618	
	B	108	2309	737	1240	1238	1369	632	
	B	109	2301	763	1048	1062	1383	633	
	B	110	2350	1211	1170	1223	1393	634	
	A	56	2309	1306	1253	—	1383	637	
23.2	B	111	2324	729	1108	1137	1387	630	
	A	57	2338	758	729	—	1382	643	
23.4	B	112	2300	732	1108	1173	1369	649	
	B	113	2352	562	1003	972	1370	657	
23.6	B	114	2308	462	1127	1093	1353	648	
	B	115	2373	507	1207	1222	1372	651	
	A	58	2368	971	1292	—	1403	652	
23.8	B	116	2388	708	1222	1223	1373	647	
	B	117	2397	968	1259	1243	1384	658	
	B	118	2397	967	1323	1293	1377	643	
	B	119	2390	1062	1119	1183	1358	633	
24.0	B	120	2403	1113	1273	1283	1372	670	

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Cl.-Dk.	mean Dyll.-Dk.	Red. Dyll. magn.
778	416	635
777	441	568
779	674	865
741	633	854
765	408	534
750	284	374
756	544	720
747	504	675
731	561	768
749	640	855
—	—	—
760	610	803
746	616	827
739	656	884
737	610	828
750	422	563
759	562	741
746	616	827
757	492	651
739	86	116
720	491	683
713	331	464
705	462	656
721	563	781
751	640	853
726	575	793
746	613	823
734	665	907
717	478	667
732	638	872

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Dyf - RD 2684 - Dec. 26, 1932.

Strip	Class	Star	y	x	dyf	dxf	ce	dk	Pl
24.2	f	121	2430	473	1364	1137	1341	642	
	f	122	2438	579	771	743	1343	630	
	x	59	2432	682	1231	—	1373	632	
	x	60	2430	793	1043	—	1372	633	
24.4	f	123	2439	637	1267	1208	1368	638	
	x	61	2429	888	1288	—	1368	636	
	x	62	2458	907	1273	—	1352	638	
24.6	f	124	2460	589	1183	1271	1351	633	
	f	125	2460	1029	1229	1198	1366	637	
	f	126	2470	1043	1266	1299	1369	642	
24.8	x	63	2482	749	1138	—	1362	632	
	x	64	2480	958	1288	—	1373	642	
	f	127	2491	954	1282	1293	1384	647	
	f	128	2486	1147	1232	1219	1368	643	
25.2	f	129	2527	608	1022	993	1357	652	
	x	65	2528	993	1217	—	1373	640	
	x	66	2524	1056	1229	—	1372	652	
	f	130	2517	1087	1021	1008	1358	652	
25.4	f	131	2557	781	1250	1278	1363	660	
	x	67	2540	863	1162	—	1388	653	
25.6	f	132	2564	895	1140	1107	1372	653	520

Plate 4 finished!

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Cl.-Dk.	mean Decl.-Dk.	Red. Decl. Magn.
699	508	727
713	127	178
741	599	809
739	410	555
730	594	814
732	652	891
714	635	890
718	594	828
729	575	789
727	639	879
730	506	694
731	646	884
743	647	871
725	583	805
705	356	505
733	577	788
720	577	802
706	362	513
703	579	824
735	509	693
719	492	685

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m.m. — RB 2527 — Dec. 27, 1932.

Stip	Class	Star	y	x	Deff.	Deff.	Cl.	DB	volt
15.0	f	1	1509	735	1378	1391	1568	662	
15.2	v	1	1538	718	1222	—	1558	668	
	v	2	1532	772	1492	—	1579	675	
	v	3	1535	762	1453	—	1568	683	
15.4	f	2	1550	861	1405	1412	1575	680	
	f	4	1552	912	1292	—	1548	681	
15.8	v	5	1597	569	1500	—	1588	680	
	f	3	1583	881	1150	1198	1558	662	
16.2	f	6	1579	899	1162	—	1532	660	
	v	7	1588	926	1392	—	1538	640	
16.0	f	4	1603	734	1475	1468	1552	651	
	f	8	1602	738	1437	—	1532	647	
16.4	v	9	1638	1107	1333	—	1521	623	
	f	5	1640	727	1368	1381	1537	627	
	f	10	1650	1028	1423	—	1513	623	
16.6	v	11	1670	504	1140	—	1567	609	
	v	12	1657	534	1440	—	1542	608	
	f	6	1663	549	1509	1469	1574	630	
	f	7	1659	650	1317	1313	1538	638	
	f	13	1667	1129	1242	—	1529	612	
16.8	v	14	1690	576	1422	—	1577	627	
	f	8	1687	562	1411	1404	1552	620	
	v	15	1690	903	1442	—	1512	608	
	v	16	1694	1281	1471	—	1542	609	
17.0	v	17	1711	440	1428	—	1582	607	
	f	9	1700	997	1203	1203	1507	593	
	f	18	1711	1018	1330	—	1499	593	
	v	19	1718	1015	1177	—	1483	601	
	v	20	1710	1203	1403	—	1533	598	
17.2	f	10	1739	728	1229	1232	1523	598	

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Cl.-Dk.	Mean Diff.-Dk.	Red. Diff.	Magn.
906	722	798	
890	554	622	
904	817	904	
885	770	870	
895	728	813	
867	611	705	
908	820	903	
896	512	572	
872	502	576	
898	752	838	
901	821	911	
885	790	893	
898	710	791	
910	747	821	
890	~~681~~ 800	899	
958	531	555	
939	837	893	
944	859	910	
900	677	753	
917	630	687	
950	795	837	
932	788	846	
904	834	923	
931	862	926	
975	821	842	
914	610	668	
906	737	814	
882	576	653	
935	805	861	
925	632	683	

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DM – RD 2527 – Dec. 27, 1932

Strip	Class	Star	Y	X	Diff	Diff	Ce	Dk	Volts
	A	21	1720	913	1243	—	1480	592	
	f	11	1733	1108	1187	1203	1502	593	
	A	22	1721	1226	1313	—	1512	597	
	f	12	1721	1287	1422	1408	1542	593	
17.4	A	23	1757	647	1222	—	1507	589	
17.6	A	24	1768	474	1432	—	1552	582	
	f	13	1771	543	1343	1388	1532	589	
	f	14	1770	649	1370	1373	1512	587	
	A	25	1757	939	1339	—	1493	580	
	f	15	1773	991	1343	1367	1482	580	
	A	26	1760	1176	1178	—	1484	583	
	A	27	1770	1250	1414	—	1507	574	
	A	28	1761	1323	1350	—	1503	588	
	A	29	1768	1337	1296	—	1517	586	
17.8	A	30	1790	770	1400	—	1473	583	
	f	16	1783	1221	1265	1273	1491	588	
18.0	A	31	1804	801	1283	—	1473	583	
	f	17	1800	959	1204	1262	1472	593	
18.2	f	18	1819	608	1379	1378	1537	583	
	f	19	1838	711	1358	1256	1482	586	
	A	32	1820	795	1349	—	1478	590	
	A	33	1832	1082	1322	—	1492	590	
	A	34	1824	1286	1234	—	1504	591	
18.4	A	35	1841	1300	1269	—	1504	593	
	A	36	1851	1326	1319	—	1511	594	
18.6	A	37	1860	479	1411	—	1572	581	
	A	38	1858	863	1348	—	1463	588	
	f	20	1860	1180	632	678	1442	587	
	A	39	1872	1175	1231	—	1483	592	

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mean

Cl.-Dk	Deff.-Dk.	Red. Deff. Magn.
888	651	733
904	602	663
915	716	783
949	822	866
918	633	689
970	850	876
943	777	824
925	785	849
913	759	831
902	775	859
901	595	660
933	840	900
920	767	834
931	710	763
890	817	919
909	681	749
890	700	787
879	640	728
954	795	834
896	721	805
888	759	855
902	732	812
913	643	704
911	676	742
917	725	791
931	830	892
875	760	869
825	53	64
891	739	829

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m. m. – RB 2527 – Dec. 28, 1932.

Strip	Class	Star	y	x	Defl.	Defl.	d.	Ob.	volt.
18.6	s	1 40	1859	479	1502	—	1665	718	
(Repeat)	s	41	1855	852	1480	—	1608	762	
	f	21	1859	1181	802	818	1628	767	
	s	42	1872	1175	1528	—	1658	778	
	s	43	1878	1339	1592	—	1678	788	
18.8	f	22	1883	562	1558	1595	1718	793	
	s	44	1887	850	1552	—	1651	778	
	f	23	1889	1278	1448	1521	1722	788	
19.0	f	24	1915	761	1493	1472	1712	797	
	s	45	1899	770	1300	—	1696	781	
19.2	s	46	1926	578	1551	—	1691	775	
	f	25	1928	663	1578	1558	1662	735	
	f	26	1931	880	1482	1508	1653	758	
	f	27	1930	812	1562	1510	1632	708	
	f	28	1918	873	1498	1518	1605	690	
19.4	s	47	1950	505	1472	—	1628	672	
	s	48	1952	840	1402	—	1583	678	
	f	29	1950	1403	1418	1433	1632	673	
19.6	s	49	1967	500	1265	—	1622	658	
	s	50	1975	626	1345	—	1615	641	
	f	30	1975	880	1402	1438	1568	648	
	s	51	1968	942	1457	—	1589	642	
	s	52	1958	995	1402	—	1591	640	
	s	53	1965	1250	1448	—	1632	641	
19.8	f	31	1995	394	1542	1518	1638	640	
	s	54	1990	509	1551	—	1635	642	
	f	32	1992	780	1448	1442	1581	645	
	f	33	1982	828	1400	1448	1600	658	
	f	34	1997	1401	1508	1495	1632	648	
20.0		55	2012	859	1521	—	1708	653	

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Cl.-Dk.	mean Deff.-Dk.	Red. Deff. Magn.
947	784	828
846	718	849
861	43	50
880	750	853
890	804	903
925	783	847
873	774	887
934	696	745
915	685	749
915	519	568
916	776	848
927	833	899
895	737	824
924	828	896
915	818	894
956	800	838
905	724	800
959	753	786
964	607	630
914	704	723
920	772	839
947	815	861
951	762	802
991	807	814
998	890	892
993	909	915
936	800	855
942	766	813
984	854	868
1055	868	823

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M. M. – RB. 2527 – Dec. 25, 1932.

Strip	Class	Star	y	x	Defl.	Defl.	d.	Dk.	Wolf.
	s	56	2015	858	1392	—	1558	632	
	s	57	2007	1128	1475	—	1555	622	
	s	58	2015	1252	1215	—	1590	612	
20,2	s	59	2018	401	1333	—	1558	590	
	s	60	2025	1274	1325	—	1508	572	
	s	61	2033	1298	1331	—	1512	569	
	s	62	2028	1381	1318	—	1492	563	
20.4	f	35	2058	750	1000	1097	1432	560	
	s	63	2057	1028	942	—	1448	552	
	f	36	2039	1195	1050	1028	1442	560	
	f	37	2048	1292	1218	1240	1475	562	
20,6	f	38	2015	538	1410	1500	1502	578	
	s	64	2063	749	1338	—	1452	580	
	s	65	2060	774	1340	—	1478	582	
	s	66	2061	918	1250	—	1470	588	
20.8	f	39	2099	634	872	890	1498	590	
21,0	s	67	2115	758	1422	—	1508	589	
	f	40	2110	938	1330	1355	1489	603	
	f	41	2111	1038	1382	1372	1500	612	
	s	68	2115	1036	1395	—	1515	609	
	f	42	2116	1078	1400	1412	1522	612	
	s	69	2108	1109	1252	—	1538	610	
	s	70	2100	1147	1353	—	1502	608	
21.2	f	43	2135	872	1321	1348	1492	625	
	f	44	2135	936	1358	1409	1518	618	
	s	71	2135	1202	1422	—	1523	624	
21.4	f	45	2158	582	1072	1072	1568	628	
	f	46	2150	798	1246	1289	1512	630	
	f	47	2150	795	1231	1218	1488	628	
	f	48	2149	805	1207	1232	1472	635	

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1932phot.pr

Cl.-Dk.	mean Defl.-Dk.	Red. Defl.-Magn.
926 ~~760~~	760	821
933 ~~853~~	853	914
978 ~~603~~	603	617
968 ~~743~~	743	768
936 ~~753~~	753	805
943 ~~762~~	762	808
929 ~~755~~	755	813
872 ~~488~~	488	559
896 ~~390~~	390	435
882 ~~479~~	479	543
913 ~~667~~	667	731
924 ~~817~~	817	949
872 ~~758~~	758	870
896 ~~758~~	758	846
882 ~~662~~	662	751
908 ~~294~~	291	320
919 ~~833~~	833	907
886 ~~739~~	739	835
888 ~~765~~	765	862
906 ~~786~~	786	867
910 ~~794~~	794	872
928 ~~642~~	642	692
894 ~~745~~	745	833
867 ~~709~~	709	818
900 ~~766~~	766	851
899 ~~798~~	798	888
940 ~~444~~	444	472
882 ~~638~~	638	723
860 ~~596~~	596	693
837 ~~585~~	585	699

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1932phne.pr

m. m. – RB 2527 – Dec. 28, 1932

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt
	e	72	2152	922	1202	—	1509	629	
	s	73	2152	1092	1404	—	1520	636	
	f	49	2150	1212	1465	1461	1523	632	
21.6	f	50	2159	583	1048	1072	1521	627	
	~~x~~	~~51~~ 73¼	2159	590	1042	1090	1532	635	
	f	52	2160	960	1420	1428	1522	638	
	s	73½	2173	1272	1382	—	1532	632	5.18
		m. m – RB 2527 – Dec. 29, 1932							5.02
21.6	f	53	2159	583	1067	1042	1488	640	
	s	74	2159	590	1335	—	1458	642	
	f	54	2160	960	1332	1303	1431	627	
	s	75	2173	1273	1312	—	1462	638	
21.8	s	76	2186	428	1029	—	1447	628	
	s	77	2181	1236	1040	—	1460	630	
22.0	f	55	2212	700	1342	1368	1449	637	
	s	78	2207	921	1263	—	1438	635	
	s	79	2210	1178	1300	—	1421	628	
	s	80	2212	1236	1322	—	1420	652	
	f	56	2200	1301	1349	1335	1452	623	
	f	57	2218	1372	1039	1058	1482	637	
22.2	s	81	2232	1042	1331	—	1438	632	
	f	58	2222	1261	1270	1230	1488	630	
	f	59	2217	1372	1079	1092	1468	635	
22.4	s	82	2250	628	1089	—	1428	641	
	s	83	2255	670	882	—	1421	628	
	s	84	2255	1318	1282	—	1469	632	
22.6	s	85	2277	1142	1244	—	1428	614	
22.8	s	86	2290	392	1508	—	1468	618	
	f	60	2290	754	1300	1242	1428	618	
	s	87	2293	918	1081	—	1419	622	

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1932phot. pr

Cl.-Dk.	mean Defl.-Dk.	Rd. Defl.	Magn.
880	573	652	
884	768	869	
891	831	933	
894	433	484	
897	431	481	
884	786	889	
900	750	834	
848	414	488	
816	693	849	
804	691	860	
824	674	818	
819	401	490	
830	410	494	
812	718	884	
803	628	783	
793	672	848	
768	670	872	
829	719	867	
845	411	486	
806	699	868	
858	620	723	
833	451	542	
787	448	569	
793	254	321	
837	650	776	
814	630	774	
850	890	1045	
810	653	806	
797	459	576	

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M.M. — RB 2527 — Dec. 28, 1932.

Strip	class	Star	y	x	Defl.	Defl.	cl.	Dk.	volt.
		61	2228	953	1272	1318	1481	612	
23.0		62	2310	588	1062	1082	1472	609	
23.2		88	2338	950	1222	—	1412	610	
23.4		89 X	2357	561	1231	—	1428	609	
		63	2352	855	1140	1152	1432	620	
		90	2352	1229	1310	—	1469	632	
23.6		91	2360	650	1159	—	1449	628	
		92	2360	678	1290	—	1438	612	
		93	2370	901	1031	—	1415	614	
		64	2365	911	1198	1158	1439	608	
23.8		94	2382	566	1148	—	1450	610	
		95 X	2383	551	1375	—	1452	609	
		96	2389	679	1339	—	1428	605	
		97	2396	912	1249	—	1425	611	
		65	2390	1169	1275	1218	1452	612	
24.0		66	2409	502	1182	1229	1488	609	
		98	2400	608	1172	—	1491	582	
		99	2410	1069	1172	—	1478	612	
24.2		100	2435	532	1042	—	1479	599	
		67	2432	850	1018	1132	1475	591	
		101	2433	1001	1058	—	1472	590	
24.4		68	2440	1225	1140	1143	1502	588	
24.6		69	2462	672	1219	1262	1500	593	
	Plate finished	102	2470	800	1192	—	1468	591	
25.2		103	2532	692	998	—	1478	592	

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Cl.-Dk.	Deff.-Dk.	Red. Deff.	Magn.
869	683	785	
863	463	537	
802	612	763	
819	622	760	
812	526	648	
837	678	810	
821	531	646	
826	678	821	
801	417	521	
831	570	686	
840	538	641	
843	766	908	
823	734	892	
814	638	784	
840	634	765	
879	597	679	
909	590	649	
866	560	647	
880	543	617	
884	484	647	
882	468	531	
914	554	606	
907	647	713	
877	601	686	
886	406	458	

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Dec. 29, 1932.

Strip	Class	Star	y	x	Dyll	Dyll	Cl.	Dk	Volts
15.2	f	1	1530	858	1132	1132	1378	609	
15.6	s	1	1560	685	1132	—	1353	603	510
	f	2	1568	877	781	778	1362	608	
	f	3	1583	731	1148	1210	1367	603	
16.2	s	2	1632	578	711	—	1372	613	
	f	4	1621	722	1003	1004	1353	622	
16.4	f	5	1651	508	1233	1322	1338	609	
	f	6	1640	647	847	872	1347	612	
16.6	f	7	1667	557	1033	1038	1343	612	
	s	3	1660	617	1043	—	1333	622	
	s	4	1660	1191	991	—	1412	619	
16.8	s	5	1692	672	982	—	1408	626	
	f	8	1681	991	850	858	1383	623	
17.0	s	6	1714	512	778	—	1353	623	
	s	7	1708	792	968	—	1373	623	
17.2	s	8	1730	630	1152	—	1403	628	
	f	9	1718	722	908	906	1397	629	
	s	9	1721	761	1093	—	1407	633	
	f	10	1717	1103	863	888	1423	638	
17.4	f	11	1751	538	1063	988	1393	623	
	f	12	1750	643	1100	1128	1398	623	
	s	10	1757	708	1122	—	1398	623	
	f	13	1758	985	1188	1177	1407	609	
17.6	s	11	1760	679	1025	—	1387	617	
	f	14	1770	806	1179	1252	1373	613	
	f	15	1769	1216	1053	1083	1407	612	
17.8	s	12	1790	553	1118	—	1382	612	
	f	16	1781	953	962	957	1419	609	
	s	13	1797	1298	922	—	1413	607	
18.0	f	17	1800	601	1052	1044	1414	593	

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Cl.-Dk.	Defl.-Dk.	Red. Defl.	Magn.
769	523	681	
750	529	706	
754	172	228	
764	576	754	
759	98	127	
731	382	523	
735	625	919	
735	248	337	
730	424	582	
711	421	592	
793	372	469	
732	356	486	
760	231	304	
730	155	212	
750	345	460	
775	524	676	
768	278	362	
774	460	595	
790	242	307	
770	403	524	
775	491	634	
675	499	740	
804	579	721	
770	408	531	
760	603	794	
795	416	523	
770	506	658	
816	357	437	
806	315	391	
921	453	492	

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Dyf – RB 2699 – Dec. 29, 1932.

trip	Class	Star	y	x	dyef	dxef	Ce	dk	Date
	N	14	1810	637	1068	—	1424	612	
	N	15	1799	872	1412	—	1422	612	
	N	16	1810	782	923	—	1423	592	
18.2	N	17	1818	408	1022	—	1392	593	
	F	18	1819	707	1062	942	1408	592	
	N	18	1820	1003	1103	—	1407	603	
	F	19	1842	1167	608	598	1417	592	
18.6	N	19	1867	829	719	—	1353	591	
	F	20	1870	1025	1099	1113	1388	598	
	F	21	1872	1272	902	948	1378	592	
	N	20	1872	1328	743	—	1378	598	
18.0	F	22	1911	658	1213	1167	1382	583	
	F	23	1900	754	1012	878	1364	577	
	F	24	1913	794	1129	1159	1332	573	
	F	25	1913	804	1200	1128	1378	587	
9.4	F	26	1948	429	1053	1053	1403	589	
	N	21	1949	660	708	—	1408	600	
	F	27	1908	874	1072	1052	1403	600	
	N	22	1953	1158	1322	—	1423	603	
	F	28	1934	139	1106	1023	1410	592	
19.6	F	29	1971	771	1161	1140	1373	603	
	F	30	1967	819	1053	1103	1403	589	
19.8	N	23	1980	1177	1653	—	1448	603	
20.0	F	31	2011	981	1157	1207	1407	590	
	N	24	1999	1189	1004	—	1423	592	
20.2	F	32	2019	622	1122	1093	1378	583	
	F	33	2022	1188	714	698	1421	593	
	F	34	2031	1286	943	1033	1421	584	
20.4	F	35	2040	742	707	662	1378	577	585

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1932phot.pr

Ch.-Dk.	Deff.-Dk	Red. Deff.	Magn.
812	456	562	
810	800	988	
831	331	398	
799	429	537	
816	410	502	
804	500	623	
825	108	131	
762	128	168	
790	608	770	
786	358	456	
780	145	186	
809	607	750	
787	368	468	
759	571	753	
791	579	733	
814	464	570	
800	108	136	
803	462	576	
820	719	878	
818	472	678	
770	547	711	
814	514	632	
845	1050	~~1343~~	
817	592	725	
831	412	496	
795	525	661	
828	113	136	
837	404	483	
801	107	134	

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1932phot.pr

XJP – RB 2699 – Dec. 20, 1932.

Stars	Class	Star	y	x	Δyell	Δyell	cc	Δk	Volts
20.4	f	36	2040	743	703	742	1402	623	595
(Repeat)		25							
20.6	A	26	2068	505	1192	—	1370	622	
	A	27	2061	1197	1147	—	1403	642	
20.8	f	37	2080	628	642	632	1380	625	
	f	38	2092	929	1229	1118	1378	603	
	f	39	2094	1030	1128	1180	1362	618	
	A	28	2090	1361	978	—	1372	616	
21.0	f	40	2111	929	1130	1188	1403	622	
	f	41	2099	1063	1120	1093	1367	619	
	A	29	2109	1161	1176	—	1373	612	
21.2	f	42	2119	469	992	1000	1362	619	
	A	30	2136	528	1023	—	1377	622	
	f	43	2130	790	963	941	1387	619	
	f	44	2130	797	893	938	1372	612	
	f	45	3115	867	1117	1082	1388	613	
21.4	f	46	2140	577	673	673	1369	621	
	f	47	2141	954	1168	1143	1373	612	
21.6	A	31	2170	1048	1130	—	1373	608	
	A	32	2160	1295	909	—	1372	613	
21.8	A	33	2191	468	690	—	1387	611	
	A	34	2197	1374	1207	—	1372	613	
22.0	f	48	2209	707	1219	1222	1363	607	
	f	49	2209	1263	989	993	1353	603	
	f	50	2201	1366	809	778	1359	603	
22.2	A	35	2231	971	862	—	1369	606	
22.4	A	36	2254	719	1187	—	1378	611	
	A	37	2248	801	1032	—	1371	593	
22.6	f	51	2271	947	1112	1076	1353	593	
22.8	A	38	2288	438	742	—	1332	593	

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Cl.-Dk.	Mean Defl-Obs	Red. Defl. Magn.
774	99	
748	570	762 ~~724~~
761	606	663 ~~725~~
755	12	95
725	668	733
744	536	721
756	362	478
781	536	637
748	488	786
761	564	741
743	387	520
755	401	531
768	333	433
760	304	400
775	487	628
748	52	69
761	544	715
765	522	682
769	296	391
776	79	102
769	594	782
756	614	812
750	388	818
756	191	253
766	259	338
767	576	752
778	539	692
760	500	658
739	149	202

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http://adsabs.harvard.edu/1932phmo..pr

DP - RB 2699 - dec. 30, 1932.

Strip	Class	Star	y	x	dyff	dyff	cl	dk	Volts
	f	52	2287	549	1170	1233	1358	603	
	f	53	2294	579	709	699	1317	593	
	x	39	2278	587	1079	—	1383	597	
	f	54	2288	678	1043	1027	1367	608	
	x	40	2290	689	762	—	1359	602	
	f	55	2272	745	1053	1048	1358	593	
23.0	x	41	2308	501	1027	—	1357	588	
23.2	f	56	2327	673	1058	1072	1352	598	
	x	42	2322	697	1122	—	1332	603	
	f	57	2338	847	902	853	1337	597	
	f	58	2322	1170	1118	1142	1348	598	
23.4	x	43	2340	817	1213	—	1357	587	
	f	59	2350	903	1080	932	1318	586	
	f	60	2350	967	1177	1200	1321	583	
	x	44	2343	1157	1147	—	1312	578	
	x	45	2363	1161	1004	—	1317	583	
23.6	f	61	2373	1161	1010	983	1327	582	
23.8	f	62	2389	794	963	912	1318	583	
	f	63	2380	762	1157	1112	1337	583	
24.0	f	64	2404	489	878	972	1332	579	
	f	65	2415	841	808	803	1327	579	
	x	46	2403	1016	694	—	1332	579	
24.2	o	47	2420	1080	803	—	1313	575	
	f	66	2427	1218	843	863	1302	578	
24.4	x	48	2438	529	1032	—	1282	572	
	f	67	2442	663	1016	1013	1296	572	
24.6	x	49	2460	567	612	—	1313	573	
	x	50	2470	717	1077	—	1312	573	
5.0	f	68	2460	1119	1088	1122	1306	572	
24.8	f	69	2509	632	1038	1093	1322	572	

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Cl.-Dk.	mean Def.-Dk.	Red. Def. - Magn.
755	599	794
724	111	153
786	482	614
759	427	562
757	160	211
761	458	602
769	439	571
754	467	620
729	519	712
740	281	380
750	532	710
770	626	814
732	420	574
738	606	822
734	569	775
734	441	601
745	415	557
735	355	483
754	552	733
753	346	460
748	227	304
753	115	153
738	228	309
729	280	384
710	450	634
724	443	612
740	39	53
739	504	682
734	533	727
750	444	654

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2 Ψ² – RD 2699 – Dec. 30, 1932.

Strip	Class	Star	y	x	Diff	Diff	Ce	Dk	Nots
	A	2·51	2000	1163	582	=	1302	572	
25.2	f	70	2517	788	1153	1062	1293	569	
	f	71	2518	1080	878	803	1287	573	
25.4	A	52	2539	1042	1032	—	1286	572	
25.6	f	72	2575	773	832	852	1308	572	000

Plate finished.

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Cl.-Dk.	mean Degf.-Dk.	Red. Degf. Magn.
730	10	13
724	539	746
714	267	374
714	460	645
736	270	362

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M.M.—RB 2698— Dec. 30, 1932

Strip	Class	Star	y	x	Dyf	Dyf	Cl.	Dk.	Volts
15.2	f	1	1528	850	1190	1188	1252	608	5.00
15.4	f	2	1552	1010	1092	1121	1258	611	
16.0	f	3	1600	828	1046	1062	1231	592	
	f	4	1607	949	961	932	1208	588	
	f	5	1598	1070	1090	1022	1222	591	
16.2	f	6	1625	556	990	1025	1250	598	
	s	1	1626	564	891	—	1192	589	
16.4	f	7	1646	597	1087	1090	1195	587	
	s	2	1653	602	1092	—	1232	590	
	f	8	1651	1164	857	832	1226	596	
	s	3	1650	1178	1018	—	1252	601	
	f	9	1638	1183	1162	1128	1235	596	
16.8	s	4	1683	660	1042	—	1192	598	
	f	10	1695	728	1128	1200	1222	608	
	s	5	1699	780	1052	—	1212	612	
17.0	s	6	1708	500	915	—	1198	608	
	f	11	1708	689	996	972	1212	602	
	s	7	1712	749	1088	—	1193	610	
	s	8	1700	780	998	—	1180	612	
	s	9	1708	500	912	—	1190	602	
	f	12	1708	688	931	992	1191	618	
	s	10	1710	749	1039	—	1212	602	
	s	11	1699	780	1019	—	1201	594	
17.2	s	12	1732	496	1052	—	1178	608	
	f	13	1723	692	942	968	1192	611	
17.4	f	14	1748	612	1020	1005	1215	608	
	s	13	1751	668	1015	—	1200	605	
17.6	f	15	1771	1018	989	1012	1232	618	
17.8	f	16	1798	632	890	879	1208	610	
	s	14	1781	1285	900	—	1231	612	

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Cl.-Dk.	mean Degl.-Dk.	Red. Degl. Magn.
644	581	903
639	495	775
639	462	708
620	358	578
631	465	737
652	410	629
603	302	501
608	501	824
642	502	783
630	248	394
651	417	641
639	549	859
594	444	748
614	556	906
600	440	734
590	307	521
610	382	627
583	478	821
568	386	680
588	310	528
573	344	601
610	437	717
607	425	700
670	444	780
581	344	593
607	404	666
595	410	689
614	382	622
598	274	459
619	288	465

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M. M. — RB 2698 — Dec. 30, 1932

Trip	Class	Star	Y	X	Δeff	Δeff	ce	Dk. Volts
	f	15	1780	1286	909	—	1231	614
18.0	f	17	1815	512	1021	1005	1168	598
	s	16	1798	870	932	—	1188	591
	s	17	1809	990	1070	—	1191	588
18.2	f	18	1822	1200	1028	1008	1249	593
	f	19	1820	642	927	908	1198	589
18.4	f	20	1853	665	1160	1138	1198	587
18.6	f	21	1875	372	1057	1002	1182	591
19.2	f	22	1922	380	900	910	1142	589
	f	23	1931	919	735	732	1182	578
	f	24	1931	1150	818	808	1201	578
19.4	s	18	1938	648	862	—	1178	581
	s	19	1950	1068	1190	—	1200	586
19.6	f	25	1963	407	1072	1052	1172	589
	f	26	1975	598	1032	1048	1182	582
	s	20	1968	1167	718	—	1208	584
20.6	s	21	2051	1185	1092	—	1248	592
	f	27	2060	1120	996	1048	1265	601
20.8	f	28	2096	429	812	868 image diffractive	1188	589
	s	22	2098	1150	1112	—	1272	610
21.2	f	29	2130	375	979	1002	1138	596
	—	23	2128	518	971	—	1153	601
21.4	f	30	2148	651	1000	1032	1160	598
	f	31	2142	790	803	850	1148	590
	f	32	2155	1003	1022	1028	1178	599
21.8	f	33	2185	460	740	742	1128	600
	f	34	2182	718	882	932	1162	591
22.0	f	36	2199	378	886	928	1143	588
22.4	—	24	2238	792	870	—	1161	600
	f	37	2255	1140	948	912	1151	597

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Cl.-Dk.	mean Degl.-Dk.	Red. Deff. Magn.
617	285	462
570	415	729
597	341	571
603	482	800
656	425	648
609	329	540
611	532	872
591	439	744
563	316	512
604	156	258
623	235	377
697	281	471
614	604	984
583	473	812
600	458	764
624	134	215
656	500	762
664	321	483
599	251	419
662	502	759
542	394	727
552	370	670
562	418	745
558	236	423
579	426	735
528	141	267
571	316	553
555	319	5785
561	270	482
554	333	601

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m. m. — RB 2698 — Dec. 30, 1932.

Strip	Class	Star	y	x	d left	d left	ce	dk	Volts
22.8	s	25	2280	429	898	—	1250	634	5.35
22.4	s	26	2238	792	1018	—	1258	632	
	f	38	2255	1140	952	981	1283	640	
22.8	s	27	2280	680	850	—	1272	637	
23.2	f	39	2331	753	862	905	1302	638	
23.6	f	40	2360	1143	950	1062	1311	652	
23.8	s	28	2392	452	1022	—	1260	648	
	s	29	2388	1008	752	—	1290	652	
	f	41	2378	1070	1072	1002	1302	658	
	f	42	2391	1222	1092	1172	1293	660	
24.0	f	43	2409	678	938	910	1298	653	
	f	30	2407	1072	878	—	1309	648	
24.2	s	31	2428	520	1063	—	1278	652	
	s	32	2453	560	758	—	1309	658	
24.8	s	33	2488	1155	651	—	1301	658	
25.2	s	34	2538	1050	1034	—	1293	646	5.30

repeat

Plate finished

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α.-Dk.	mean Dekl.-Dk.	Red. Dekl. Magn.
616	264	428
626	3 886	617
643	326	507
635	213	336
664	246	371
659	354	529
612	374	611
638	100	157
644	379	589
633	472	746
645	271	420
661	230	348
626	411	657
651	100	154
663	−7	—
647	388	600

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Zyl - R13 2472 — Dec. 31, 1932.

Strip	Class	Star	y	x	Dyfl	Dyfl	Cc	Dk.	Volts
15.8	x	1	1570	728	1918	—	2123	862	520
16.2	x	2	1621	632	1753	—	2123	868	
16.6	f	1	1668	593	1767	1848	2157	903	
16.8	f	2	1691	408	1073	1068	2157	870	
17.0	f	3	1710	418	1322	1410	2148	889	
17.4	f	4	1751	546	1748	1806	2140	883	
	x	3	1750	1091	1662	—	2130	882	
17.6	f	5	1768	1010	1422	1369	2152	873	
17.8	x	4	1771	824	1437	—	2130	877	
18.0	x	5	1804	752	1533	—	2157	888	
18.2	x	6	1820	1000	1658	—	2198	939	
18.6	x	7	1871	883	1938	—	2173	943	
	f	6	1856	1018	1806	1878	2197	912	
18.8	f	7	1881	393	1446	1408	2177	912	
	x	8	1881	548	1754	—	2182	908	
19.0	x	9	1900	657	1614	—	2150	893	
	x	10	1909	751	1362	—	2192	908	
	x	11	1900	1031	1088	—	2134	894	
	f	8	1910	1107	1757	1707	2158	903	
	x	12	1909	1334	1312	—	2196	913	
19.2	f	9	1923	789	1653	1597	2138	879	
19.4	f	10	1938	527	~~2082~~	1763	2203	903	
19.6	f	11	1961	1251	1537	1512	2183	899	
20.2	x	13	2027	529	1867	—	2197	903	
	x	14	2029	538	1342	—	2237	873	
	f	12	2028	997	1212	1258	2177	883	
20.6	x	15	2060	1028	1472	—	2162	927	
	f	13	2068	1277	1469	1543	2192	897	
20.8	x	16	2089	1064	1497	—	2157	877	
	x	17	2090	1079	1612	—	2163	853	

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Cl.-Dk.	mean Dyl - Dk.	Red. Dyl.	Magn.
1261	1056	838	
1255	885	705	
1254	905	721	
1287	200	155	
1259	477	379	
1257	894	711	
1248	780	633	
1279	513	401	
1253	560	446	
1269	645	508	
1259	719	571	
1230	995	809	
1285	930	723	
1265	515	407	
1274	846	673	
1257	721	569	
1284	454	354	
1240	194	156	
1255	829	660	
1283	399	311	
1259	746	592	
1300	873	671	
1284	625	486	
1294	964	744	
1364	469	344	
1294	352	272	
1235	546	441	
1295	609	470	
1280	620	484	
1310	759	579	

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Dec. 31, 1932. RA 2472 — Dec. 31, 1932.

Trip	Class	Star	y	x	Dyff	Dyff	Cl	Dk	Volts
21.2	x	18	2127	603	1636	—	2193	867	
	x	19	2125	618	1616	—	2183	882	
21.4	f	14	2138	1305	1122	1199	2178	863	
21.6	x	20	2161	877	1252	—	2168	872	
21.8	f	15	2188	652	1853	1834	2148	871	
	f	16	2187	729	1558	1522	2163	848	
	f	17	2180	807	949	943	2162	838	
22.0	f	18	2219	364	1847	1918	2198	842	
	f	19	2200	393	1171	1143	2177	833	
	x	21	2210	448	1702	—	2107	837	
	f	20	2211	766	1602	1653	2142	853	
	f	21	2200	791	1053	1142	2002	861	
22.2	x	22	2229	446	1687	—	2167	838	
	x	23	2238	672	978	—	2157	857	
22.4	v	24	2239	621	1703	—	2097	817	
	v	25	2250	915	1272	—	2358	837	
22.4	x	26	2239	621	1912	—	2352	823	
(repeat)	x	27	2250	915	1202	—	2383	832	
22.6	f	22	2260	1255	1534	1518	2351	830	
22.8	x	28	2280	524	1873	—	2347	814	
	x	29	2278	867	1473	—	2362	807	
	f	23	2277	1128	2042	2033	2377	824	
23.2	x	30	2322	1186	1302	—	2382	848	
23.6	x	31	2360	623	1888	—	2388	824	
23.2	f	24	2420	788	1022	1112	2442	828	
	f	25	2413	892	1888	1907	2396	832	
	x	32	2444	1177	1870	—	2343	843	
24.6	f	26	2466	589	1873	1903	2378	832	

Plate finished

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Obs.-Dk.	Mean Defl.-Dk.	Red. Defl.	Magn.
1226	769	627	
1301	734	063	
1315	291	226	
1296	380	293	
1277	1023	804	
1315	692	526	
1324	107	761	
1356	1040	768	
1344	324	241	
1270	866	681	
1289	769	596	
1141	237	207	
1334	854	640	
1300	121	93	
1280	886	692	
1521	436	286	
1529	1089	713	
1551	370	238	
1521	696	457	
1533	1059	690	
1555	666	428	
1553	1214	781	
1534	454	296	
1564	1064	681	
1614	239	148	
1564	1066	681	
1500.	1027	684	
1546	1056	683	

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M.M. – RB 2458 – Dec. 31, 1932.

Strip	Class	Star	y	x	dlyf	dlyf	cc	dk.	Notes
15.0	f	1	1503	882	1362	1365	2303	828	520
	s	1	1498	922	868	—	2302	829	
15.6	f	2	1566	562	1691	1699	2329	810	
	f	3	1574	827	938	1022	2248	810	
16.0	f	4	1610	936	1530	1555	2297	807	
	f	5	1613	1063	1782	1872	2232	808	
16.2	f	6	1632	458	1641	1546	2235	806	
	s	2	1633	642	1458	—	2263	801	
	s	3	1620	932	1558	—	2231	803	
	f	7	1627	1106	1618	1636	2232	792	
	s	4	1625	1111	982	—	2212	782	
16.4	f	8	1653	411	1458	1488	2249	799	
	s	5	1653	948	1078	—	2251	798	
16.6	s	6	1672	540	1448	—	2248	807	
16.8	s	7	1692	528	1279	—	2238	788	
17.0	f	9	1709	763	1782	1792	2241	786	
	f	10	1702	1232	1709	1755	2215	787	
17.2	s	8	1725	345	1072	—	2248	797	
	s	9	1717	478	1488	—	2208	810	
	f	11	1702	1232	1728	1757	2263	807	
17.2	s	10	1724	347	990	1—	2262	798	
	f	12	1723	1065	1672	1655	2269	800	
	s	11	1733	1264	1148	—	2253	817	
17.4	s	12	1743	798	852	—	2209	796	
	f	13	1750	921	1672	1668	2198	807	
	s	13	1743	1236	990	—	2218	782	
17.6		14	1763	662	1678	—	2238	811	
		15	1777	872	1528	—	2275	800	
17.8		16	1794	1262	1858	—	2265	808	
18.0		17	1803	942	1622	—	2202	806	

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Ch.-Dk.	Defl.-Dk.	Rel. Defl. Magn.
1435	536	363
1479	39	26
1519	885	584
1438	170	118
1490	735	493
1424	1019	71
1429	788	551
1462	657	449
1428	755	529
1440	835	580
1430	200	139
1458	674	465
1453	280	192
1441	641	444
1450	491	338
1455	1001	689
1428	945	662
1451	275	189
1398	678	485
1456	935	642
1474	192	130
1469	864	588
1436	331	231
1413	56	40
1391	863	620
1436	208	145
1427	867	607
1475	728	494
1457	1050	721
1396	816	585

2758

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1932phie.pr

m.m. – RB. RB 2458 – Dec. 31, 1932.

Strip	Class	Star	y	x	Diff.	Diff.	Cl.	Mk. Volts
	s	s 13	1800	399	822	—	2192	786
	s	19	1808	570	821	—	2212	781
	f	14	1807	802	859	942	2232	800
	f	15	1818	891	1109	1018	2203	798
	f	16	1800	1218	1247	1302	2265	811
18.2	f	17	1821	721	1272	1200	2229	791
	s	20	1822	848	983	—	2212	800
	f	18	1818	890	1078	995	2210	787
18.4	f	19	1846	658	1491	1501	2252	812
	f	20	1853	1160	1628	1648	2258	814
18.6	f	21	1860	1043	882	848	2282	812
	f	22	1875	1248	1659	1569	2252	814
	s	21	1878	1322	1876	—	2172	808
18.8	s	22	1897	891	1248	—	2220	805
19.0	f	23	1916	520	1658	1778	2248	800
19.2	f	24	1918	369	1748	1659	2196	800
	s	23	1929	431	1352	—	2248	803
19.4	s	24	1936	643	1228	—	2194	791
19.6	s	25	1960	1133	918	—	2152	799
19.8	s	26	1980	276	1028	—	2248	822
	s	27	1996	678	562	—	2243	828
	f	25	1978	1348	1482	1441	2198	831
20.0	s	28	2008	262	838	—	2258	823
	s	29	2016	1028	1132	—	2279	821
2020	s	30	2030	800	840	—	2202	822
		31	2018	1004	2252	—	2262	832
20.4		32	2058	628	892	—	2238	895
		33	2052	1050	1128	—	2328	848
20.6		26	2060	641	1628	1647	2228	857
		27	2070	720	1592	1568	2228	840

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Cl.–Dk.	Defl.–Dk., Red. Defl.	Magn.
1306	36	28
1431	40	28
1432	100	70
1405	266	189
1454	463	319
1438	445	310
1412	183	129
1423	249	175
1440	684	475
1444	824	570
1470	53	36
1438	800	556
1364	1168	784
1420	448	316
1448	918	634
1396	~~640~~ 904	647
1445	~~549~~ 549	380
1403	~~437~~ 437	311
1353	~~206~~ 119	88
1426	~~63~~ 306	144
1415	—	—
1367	~~63~~ 631	461
1435	~~311~~ 15	10
1458	~~311~~ 311	213
1380	~~18~~ 18	13
1430	~~1420~~ 1420	994
1403	~~57~~ 57	41
1480	~~280~~ 280	189
1377	787	572
1388	740	533

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m. m. – RB 2458 – Dec. 31, 1932.

Strip	Class	Star	y	x	Δξeff	Δηeff	ce	δk.	Notes
		37	2070	812	852	—	2185	838	
		35	2063	992	892	—	2218	821	
20.8		36	2083	490	1578	—	2302	837	
		37	2099	970	1282	—	2268	830	
21.0		28	2098	401	1318	1262	2236	828	
		38	2112	563	922	—	2192	833	
21.2		39	2128	600	1621	—	2138	831	
		40	2137	858	1478	—	2141	812	
		41	2132	1257	1092	—	2178	818	
21.4		29	2151	306	1778	1818	2207	828	
		30	2148	828	992	978	2165	788	
		31	2161	368	1048	1057	2198	809	
		32	2198	1313	1501	1482	2188	822	
22.2		42	2228	570	923	—	2138	828	
22.4		43	2250	388	1192	—	2198	822	
		44	2250	1161	891	—	2110	819	
22.8		45	2280	470	971	—	2118	828	
		33	2292	660	872	886	2102	825	
		34	2283	839	1032	1102	2122	812	
23.0		35	2302	1034	1355	1321	2081	840	
23.2		36	2323	462	1141	1068	2110	832	
	Plate finished	37	2339	740	1205	1211	2141	837	
23.4		46	2352	917	1462	—	2132	834	
23.6		38	2357	859	962	978	2162	846	
23.8		47	2390	548	888	—	2160	852	
		48	2392	621	872	—	2189	843	
24.6		39	2461	760	1468	1472	2192	854	
25.2		49	2521	720	850	—	2173	848	
25.4		50	2556	778	1412	—	2162	851	

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Cl.-Dk.	Dgl.-Dk.	Red. Dgl. Magn.
1347	~17	10
1397	71	51
1465	741	505
1438	452	315
1408	462	329
1259	89	71
1307	790	604
1329	666	501
1360	274	201
1379	970	703
1377	197	143
1389	243	175
1366	670	491
1310	95	72
1376	370	269
1291	72	56
1290	143	111
1277	54	42
1310	255	194
1241	498	401
1278	272	213
1204	371	308
1298	628	484
1316	124	94
1308	36	28
1346	29	22
1338	616	461
1325	2	2
1311	561	427

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1932phmo.pr

W.P. - RB 2670 - Jan. 3, 1933.

Strip	Class	Star	y	x	dy/dt	dy/dt	cl	clk	Parts
15.4	x	1	1648	698	1430	—	1538	738	510
		1	1655	713	1487	1322	1530	737	
15.6		2	1570	821	1572	—	1533	742	
	x	3	1573	981	1410	—	1525	742	
		2	1560	1124	1378	1352	1524	738	
16.2		3	1630	978	1232	1163	1532	738	
		4	1620	1196	1122	1127	1528	747	
16.6		5	1672	711	1400	1378	1532	733	
		6	1670	909	1296	1273	1532	733	
17.0		7	1711	573	962	875	1533	728	
		8	1707	746	1378	1313	1513	723	
		9	1697	750	1321	1287	1534	721	
		10	1700	1146	1348	1314	1522	729	
17.2	x	4	1730	667	1263	—	1510	722	
		11	1721	973	1140	1100	1508	718	
17.4		12	1743	582	1373	1292	1506	713	
		13	1744	665	1207	1152	1488	713	
17.6	x	5	1761	568	1247	—	1492	718	
	x	6	1774	910	1268	—	1509	713	
	x	7	1771	1258	1304	—	1478	713	
17.8		14	1799	788	1322	1297	1492	713	
	x	8	1791	852	1326	—	1472	714	
	x	9	1792	863	921	—	1506	713	
18.0		10	1799	788	1327	1293	1489	713	
18.2		15	1817	1032	1173	1158	1482	713	
		16	1833	1250	1176	1178	1473	701	
18.4		17	1843	646	1378	1343	1498	696	
		18	1852	968	1208	1128	1483	703	
18.8		19	1891	538	1142	1104	1492	691	
	x	11	1881	757	1182	—	1481	702	
	x	12	1878	793	1237	—	1476	712	

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Film very dark

Cl.-Dk.	Defl.-Dk.	Red. Defl. Magn.
800	692	865
793	667	841
791	830	1050
783	668	854
786	627	798
794 781	454	572
~~799~~	377	483
799	656	821
799	551	690
805	190	236
780	613	786
813	583	718
793	602	760
788	541	688
790	352	446
793	619	781
775	467	603
774	529	684
796	555	698
765	591	773
779	597	767
758	612	808
793	208	262
776	597	770
769	453	590
772	476	617
802	664	829
780	463	594
801	432	539
779	480	616
764	525	687

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1932phne.pr

J. M. J. R. 32670 Jan 31 1933.

Strip	Class	Star	y	x	Δgll	Δlgl	cl	clk	Volts
18.8	s	13	1891	404	1370	—	1632	720	502
(Repeat)		20	1890	477	1060	1048	1618	710	
	s	14	1880	699	1129	—	1580	712	
19.0	s	15	1901	421	1536	—	1574	702	
	s	16	1902	518	970	—	1580	700	
		21	1910	651	1352	1326	1538	690	
		22	1900	818	1258	1272	1526	682	
		23	1900	1072	1220	1172	1512	682	
	s	17	1909	1178	1218	—	1528	690	
19.4	s	18	1940	429	974	—	1528	700	
	s	19	1950	534	1290	—	1550	690	
	s	20	1952	1042	918	—	1490	690	
	s	21	1959	1180	1170	—	1500	700	
		24	1974	829	1250	1250	1500	682	
19.8		25	1994	310	1110	1128	1488	696	
	s	22	1992	430	1470	—	1670	688	
20.0		26	2016	519	1070	1080	1526	684	
		27	2011	604	1229	1231	1558	692	
	s	23	2041	692	1342	—	1554	709	
	s	24	2016	972	1070	—	1560	700	
	s	25	2011	1060	1320	—	1532	709	
		JJP -	R13 2670 -	Jan. 4, 1933.					
20.0		28	2012	604	1422	1353	1662	878	500
(Repeat)		29	2019	519	1232	1240	1654	832	
20.2	s	26	2019	973	1253	—	1642	827	
20.4		30	2050	823	1433	1405	1627	813	
	s	27	2050	1150	1420	—	1599	803	
		31	2038	1178	1310	1338	1572	804	
20.6		32	2054	690	1343	1348	1607	792	
	s	28	2069	1256	947	—	1558	783	

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1932phmr.pr

Cl.-Dk.	Defl.-Dk.	Red. Defl. Magn.
912	650	713
908	344	379
868	417	481
872	834	955
880	270	306
848	649	765
844	583	691
830	514	619
838	523	630
828	274	331
860	600	698
800	228	285
806	470	588
818	568	695
812	443	545
882	782	886
842	391	464
866	538	621
845	633	749
860	370	430
823	611	743
—	—	—
784	510	650
822	404	491
815	426	523
814	606	745
796	617	775
768	520	677
815	554	680
775	164	211

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NGC - RD 2670 - Jan. 4, 1933.

Strip	Class	Star	Y	X	dyell	dyell	cl.	clk.	Volts
20.8	x	29	2090	361	1154	—	1603	783	
		33	2080	1337	902	860	1517	783	
21.0		30	2107	297	1693	—	1730	928	)
		34	2110	501	1202	1192	1726	907	
		35	2100	902	1357	1242	1692	855	
21.2	x	31	2121	387	842	—	1678	830	
		36	2130	418	1218	1232	1642	837	
		37	2120	455	1309	1332	1622	820	
21.4		38	2106	838	828	822	1622	808	
21.6	x	32	2157	527	1018	—	1622	793	
		39	2166	793	1066	1030	1618	803	
	x	33	2171	954	1034	—	1577	782	
21.8		40	2183	1058	1257	1275	1558	774	
21.8	x	34	2180	1252	1098	—	1528	764	
22.0	x	35	2212	1106	1088	—	1582	792	
22.2	x	36	2220	804	1173	—	1597	771	
		41	2232	943	1190	1142	1588	773	
22.4	x	37	2250	779	1203	—	1567	758	
		38	2249	834	918	—	1567	758	
22.8		42	2290	451	1189	1222	1572	764	
	x	39	2290	663	1223	—	1566	753	
		43	2280	782	1022	999	1552	763	
	x	40	2281	1017	1192	—	1562	757	
	x	44	2290	1197	1032	—	1575	754	
23.0	x	42	2302	670	882	—	1567	752	
	x	43	2319	687	858	—	1567	747	
23.2		44	2330	409	978	973	1532	742	
23.4		45	2348	520	1192	1167	1542	718	
		46	2348	578	902	903	1542	732	
	x	44	2351	612	863	—	1547	728	

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Cl.–Dk.	Decl.-Dk.	Red. Decl. Magn.
820	371	453
734	98	134
Omit - a defect.		
819	290	354
837	444	530
848	12	14
805	388	482
802	500	623
814	17	21
829	225	272
815	263	322
795	252	317
784	492	628
764	334	437
770	296	384
826	402	486
815	393	482
809	445	550
809	160	198
808	441	546
813	471	580
789	247	313
805	435	540
821	278	338
815	130	159
820	111	135
790	233	295
824	461	560
810	170	210
819	135	165

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http://www.jstor.org/stable/1932phmc.pr

NGP - RB 2670 - Jan. 4, 1933.

Strip	Class	Star	Y	X	Dyfl	Dlfl	Cl.	Dk	Note
	s	45	2340	1198	1373	—	1548	723	
23.6	f	47	2371	731	822	800	1512	728	
	f	48	2378	759	1050	1022	1533	738	
23.8	f	49	2391	811	1297	1293	1536	732	
	f	50	2391	1089	1382	1272	1522	742	
24.0	f	51	2409	569	1074	1078	1557	763	
	s	46	2404	1007	1003	—	1512	733	
24.4	f	52	2436	529	1198	1132	1527	733	
	s	47	2441	944	792	—	1532	742	
24.6	f	53	2469	510	1032	990	1526	747	
24.8	s	48	2481	1045	1192	—	1552	748	
	f	54	2483	1072	1153	1080	1527	723	505

Plate Finished.

J. Mc J. R. B. 2207 Jan 5, 1933.

14.8	f	1	1490	910	970	992	1752	790	515
15.0	f	2	1498	709	1640	1626	1702	772	
	s	1	1500	856	1590	—	1708	756	
15.2	f	3	1530	639	1368	1390	1660	750	
15.4		2							
15.6	s	3	1562	579	1452	—	1634	730	
15.8	f	4	1591	510	1319	1289	1586	710	
	f	5	1591	1031	1180	1230	1622	708	
16.0	f	6	1611	952	1462	1480	1558	700	
	f	7	1610	1002	1430	1444	1662	710	
	f	8	1610	1182	1458	1412	1630	730	
16.2	s	4	1630	521	1378	—	1696	718	
	f	9	~~1634~~ 1620	1078	1360	1412	1674	692	
16.4	f	10	1642	709	1412	1408	1698	690	
	f	11	1640	802	1690	1202	1590	682	

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Cl.-Dk.	Degf.-Dk.	Red. Dgf. Magn.
825	650	787
784	83	106
795	298	375
804	563	700
780	585	750
794	313	394
779	270	347
794	432	545
790	50	63
779	285	366
804	444	552
804	443	551
962	191	198
930	861	926
952	834	875
910	629	690
904	722	799
876	594	678
914	497	544
858	771	899
952	727	764
900	705	783
978	660	675
982	694	706
908	720	793
908	514	566

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J. M. J. R.S. 2207 Jan 5 1933

Strip	Class	Star	y	x	dyf	dxf	Cl	Dk	Bolts
6.4	s	✓5	1652	1188	1410	—	1710	690	
16.6	f	12	1668	926	696	704	1680	722	
	f	13	1664	1006	1504	1528	1692	700	
	f	14	1663	1169	1470	1530	1726	692	
16.8	s	✓6	1690	736	1524	—	1658	690	
	s	✓7	1678	952	1350	—	1660	692	
17.0	s	✓8	1705	470	1006	—	1700	688	
	f	15	1700	712	824	818	1664	688	
	s	✓9	1712	1250	1094	—	1702	678	
17.2	f	16	1729	692	1306	1278	1670	680	
	f	17	1722	1059	1410	1412	1550	680	
	s	✓10	1721	1109	1460	—	1604	682	
	f	18	1719	1200	882	886	1580	680	
	s	✓11	1730	1235	1520	—	1700	728	
	s	✓12	1712	1250	1082	—	1662	712	
	s	✓13	1728	1260	1458	—	1664	738	
17.4	f	19	1752	456	800	810	1620	700	
	f	20	1748	832	1512	1500	1620	704	
	f	21	1744	894	1409	1370	1610	702	
	s	14	1739	1258	1522	—	1672	700	
17.6	f	22	1760	684	970	1000	1624	700	
	s	✓15	1761	862	1220	—	1622	698	
17.8	s	✓16	1791	461	1314	—	1660	700	
	f	23	1790	634	1048	1076	1682	732	
	f	24	1779	708	890	890	1702	742	
	f	25	1798	918	738	734	1660	722	
	f	✓17	1788	948	1300	—	1692	720	
	f	26	1790	1106	1426	1424	1690	724	
	s	✓18	1789	1652	1923	—	1620	722	
	s	19	1791	1252	1422	—	1722	720	

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Cl.-Dk.	Dyl.-Dk.	Rd. Dyl.	Magn.
1020	720	706	
958	—	—	
992	816	824	
1034	808	780	
968	834	861	
968	658	680	
1012	318	314	
976	133	136	
1024	416	406	
930	612	659	
870	731	840	
922	778	844	
900	204	227	
972	792	815	
950	370	390	
926	720	778	
926	105	114	
916	802	875	
908	687	757	
972	822	845	
944	285	302	
924	522	565	
960	614	640	
950	330	347	
960	148	154	
938	14	15	
972	580	597	
966	701	725	
948	601	634	
1002	702	701	

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188 J. M. J. RB 2207 Jan 5, 1932

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.
~~17.8~~		20						
18.0	f	27	1808	642	1010	1044	1700	712
	s	21	1812	1110	1438	—	1722	710
18.2	s	22	1829	541	1346	—	1702	712
	f	28	1834	810	748	760	1710	720
	f	29	1819	1210	734	726	1720	720
	f	30	1830	1288	802	802	1740	726
18.4	f	31	1849	564	1498	1448	1718	708
	f	32	1846	618	1430	1458	1700	708
	s	23	1840	690	910	—	1676	710
	f	33	1839	764	1450	1492	1700	718
	s	24	1852	~~849~~ 943	1049	—	1680	712
	s	25	1844	1144	1568	—	1714	730
18	s	26	1872	482	864	—	1720	708
	s	27	1866	528	1258	—	1708	720
	f	34	1860	730	1290	1362	1738	712
	f	35	1861	748	1016	1050	1650	710
	f	36	1860	982	1120	1110	1692	710
	f	37	1876	1032	1232	1224	1690	720
18.8	s	28	1870	414	1460	—	1772	720
	f	38	1881	730	1280	1308	1644	714
	f	39	~~1890~~ 1880	823	830	848	1630	710
	f	40	1888	1179	1390	1390	1642	710
	s	29	1880	1327	1209	—	1664	712
	s	31	1891	1358	871	—	1698	710
		31		J M E	Jan 5.			
18.8 (Repeat)	s	32	1880	414	1626	—	1940	767
	f	41	1881	730	1340	1348	1837	743
	f	42	1890	828	928	897	1832	754
	f	43	1884	1178	1593	1600	1812	750
	s	33	1880	1323	1365	—	1920	746

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1932phmr.pr

Cl. – Dk	Dafl. – Dk.	Ded. Dafl. Magn.
988	315	319
1012	728	719
990	634	640
990	34	34
1000	10	10
1014	76	75
1010	765	757
992	732	738
966	200	207
982	753	766
968	337	348
984	828	841
1012	156	154
988	538	544
1026	614	598
940	313	333
982	405	412
970	508	524
1052	740	703
933	583	625
920	129	140
932	680	730
952	497	522
988	161	163
~~1173~~		
~~1174~~ 1173	859	731
~~1078~~ 1094	601	549
~~1062~~ 1078	158	147
~~1174~~ 1062	846	796
1174	619	526

2212

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JME. RB2207 12-1-5-33

Strip	Class	Star	y	x	Defl.	Defl.	cl.	Dk.	volt
	2	34	1891	1355	914	—	1870	740	5.18
19.0	2	35	1892	320	1618	—	1858	741	
	2	36	1902	741	1540	—	1819	737	
	2	37	1900	851	1320	—	1794	742	
19.2	f	44	1919	790	1480	1492	1780	730	
	f	38	1931	993	1587	—	1797	725	
	2	39	1932	1253	1330	—	1848	730	
19.4	f	45	1950	830	1540	1513	1780	737	
	f	46	1943	892	760	770	1768	736	
	f	47	1945	1103	1048	1038	1282	734	
	2	40	1948	1372	807	—	1374	773	
19.6	f	48	1970	542	1017	993	1372	772	
	2	41	1978	786	959	—	1347	760	
	f	49	1961	1113	1152	1168	1352	760	
	f	50	1962	1116	1090	1100	1393	760	
19.8	f	51	1990	337	1014	1040	1375	755	
	2	42	1986	343	1155	—	1407	753	
	2	43	1992	1302	1175	—	1450	750	
20.0	f	52	2013	695	1251	1210	1395	738	
	2	44	2005	794	1230	—	1355	738	
	f	53	2008	928	888	890	1363	741	
	f	54	2002	1018	805	805	1371	732	
	2	45	2015	1238	1035	—	1385	737	
20.2	f	55	2028	717	1260	1280	1388	732	
20.4	f	56	2041	310	791	786	1478	738	
	f	57	2048	601	1248	1257	1432	722	
	f	58	2059	1001	819	819	1452	730	
20.6	2	46	2072	438	770	—	1472	740	
	2	47	2065	688	1242	—	1447	737	
	2	48	2069	910	1180	—	1440	740	
	2	49	2062	1328	1062	—	1515	728	

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Cl.-Dk.	Deff.-Dk.	Red.-Deff. Magn.
1130	174	154
1117	877	785
1082	803	741
1052	578	549
1050	756	720
1072	862	804
1118	600	537
1043	789	755
1032	29	28
548	309	564
601	34	57
600	233	388
587	199	339
592	400	675
633	335	530
620	272	439
654	402	615
700	425	607
657	492	749
617	492	810
622	148	238
639	68	107
648	298	460
656	538	820
740	53	72
710	530	746
722	89	123
732	30	41
710	505	711
700	440	629
787	334	424

2212

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JME. RB 2207 1-5-33.

Strip	Class	star	y	x	Defl.	Defl.	Cl.	Dk.	
20.8	a	√50	2081	572	1148	—	1480	737	
	a	√51	2091	1298	1230	—	1508	740	
	a	√52	2098	1365	1310	—	1571	748	
21.0	a	√53	2110	343	892	—	1560	770	
	f	59	2102	794	1116	1128	1503	750	
21.2	a	√54	2132	703	1132	—	1525	750	
	a	√55	2122	904	1106	—	1503	748	
	f	60	2126	1160	1370	1352	1540	758	
21.6	f	61	2160	377	1401	1403	1541	732	
	f	62	2168	389	1238	1248	1508	732	
	f	63	2171	431	1072	1088	1540	730	
	f	√64	2178	1118	1130	1158	1482	732	
21.8	a	56	2193	368	1245	—	1560	744	
	f	65	2182	520	1243	1220	1522	746	
	f	√66	2196	530	1255	1260	1553	748	
	a	√57	2187	804	1198	—	1522	765	
	f	√67	2185	870	1313	1311	1652	730	
	a	58	2190	915	1380	—	1518	740	
22.0	f	68	2208	363	912	940	1596	749	
	f	69	2211	1070	970	974	1590	753	

JME. 1-6-32

22.0	f	70	2208	343	1055	1063	1670	900	5.05
(repeat)	f	√71	2211	1050	1150	1143	1711	967	
22.2	a	59	2230	315	1180	—	1772	950	
	f	72	2232	349	1500	1493	1721	963	
	a	√60	2231	396	1478	—	1780	953	
	f	73	2220	611	1330	1342	1731	951	
	f	74	2223	752	1590	1624	1754	962	
	f	√75	2230	1172	1550	1558	1762	950	
	a	√61	2233	1211	1576	—	1755	915	

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Cl.-Dk.	Defl.-Dk.	Red. Defl. Magn.
743	411	554
768	490	638
823	562	683
790	122	154
753	372	494
775	382	493
755	358	474
782	603	771
809	673	832
776	511	659
810	350	432
750	412	549
816	501	614
776	485	625
805	509	632
757	433	571
922	582	631
778	640	823
847	177	209
837	219	262
770	159	206
744	179	241
822	230	280
758	533	703
827	525	635
774	379	490
792	645	814
812	604	743
840	631	751

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JME RB2207 1-6-32.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Sk.	volt
	f	√76	2230	1281	1481	1490	1755	937	
22.4	s	√62	2258	477	1183	—	1728	930	
	s	√63	2241	490	1425	—	1703	920	
	f	√77	2250	503	1430	1523	1782	949	
	s	√64	2252	634	1562	—	1680	885	
	s	√65	2242	1057	1380	—	1697	895	
	s	√66	2240	1098	1075	—	1675	845	
		√67	Changed Batteries						
22.4	s	√68	2258	477	1243	—	1798	928	5.00
(repeat)	s	√69	2241	490	1422	—	1755	900	
	f	78	2250	503	1482	1488	1712	897	
	s	√70	2252	634	1562	—	1697	890	
	s	√71	2242	1057	1342	—	1769	892	
	s	√72	2240	1098	1090	—	1670	891	
22.6	s	√73	2276	503	1518	—	1702	872	
	s	√74	2273	580	1495	—	1700	898	
	s	√75	2267	634	1398	—	1690	893	
	s	√76	2259	918	1504	—	1703	870	
	f	79	2265	1175	1460	1471	1760	898	
22.8	f	80	2289	365	1550	1566	1746	897	
	f	81	2279	430	1570	1583	1708	848	
	s	√77	2285	1288	1240	—	1728	851	
23.0	f	82	2311	647	1515	1512	1648	818	
	s	√78	2312	1003	1355	—	1670	830	
23.2	f	83	2327	436	855	848	1663	823	
	f	84	2332	670	1508	1520	1623	803	
	f	85	2329	717	1318	1323	1631	800	
	s	√79	2330	961	1150	—	1612	782	
	f	86	2321	996	1464	1479	1610	790	
	f	87	2319	1253	1301	1290	1670	800	
23.4	f	88	2349	426	1536	1547	1653	773	

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α.-Dk.	Decl.-Dk.	Red. Decl.	Magn.
818	548	670	
798	253	317	
783	505	645	
833	477	573	
795	677	852	
802	485	605	
830	230	277	
870	315	362	
855	522	610	
815	588	721	
807	672	833	
877	450	513	
779	199	256	
830	646	778	
802	597	745	
797	505	634	
833	634	761	
862	570	661	
849	661	779	
860	728	845	
871	383	440	
830	695	838	
840	525	625	
840	28	33	
820	711	867	
831	520	625	
830	368	443	
820	681	831	
870	495	569	
880	768	872	

2212

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1932phot.pr

June. RB 2207 1-6-32

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Db	volt
	s	80	2350	449	1429	—	1700	808	
	f	89	2338	529	1080	1057	1703	792	
	f	90	2358	859	1152	1160	1638	800	
	s	81	2354	900	1056	—	1655	793	
	s	82	2350	922	1493	—	1605	778	
23.6	s	83	2360	550	1430	—	1668	822	
	f	91	2370	556	1515	1500	1666	838	
	f	92	2360	757	1251	1248	1623	803	
	f	93	2356	1085	1490	1502	1672	800	
23.8	f	94	2392	550	968	960	1612	803	
	s	84	2381	572	1113	—	1620	820	
	s	85	2390	928	1095	—	1600	790	
	f	95	2381	1041	1302	1363	1648	780	
24.0	f	96	2402	905	793	807	1623	770	
	s	86	2400	1045	1291	—	1649	760	
	s	87	2407	1168	1408	—	1660	761	
	s	88	2417	1190	783	—	1668	772	
24.2	s	89	2429	600	933	—	1658	789	
	f	97	2430	614	1020	1014	1630	763	
	f	98	2429	715	1261	1282	1665	780	
24.4	f	99	2439	989	970	980	1685	780	
	f	100	2451	1106	1547	1568	1684	790	
24.6	s	96	2465	613	1538	[illegible]	1630	790	
	s	91	2460	730	1156	—	1707	782	
	s	92	2470	913	1462	—	1680	780	
24.8	s	93	2490	769	1082	—	1638	764	
	s	94	2487	984	1388	—	1588	772	
	f	101	2484	1002	1300	1335	1672	780	
25.0	f	102	2500	620	1455	1440	1590	757	
	f	103	2500	773	968	960	1578	738	
	f	104	2507	926	1140	1170	1600	880	

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Cl.-Dk.	Dff.-Dk.	Red. Dff. Magn.
892	621	696
911	276	303
838	356	425
862	263	305
827	715	865
846	608	719
828	669	808
820	446	545
872	696	798
809	161	199
800	293	366
810	305	377
868	552	636
853	30	35
889	537	604
899	647	720
896	11	12
869	144	166
867	254	293
885	491	555
915	205	224
894	767	859
840	748	890
925	374	404
900	682	757
874	318	364
816	616	755
892	537	602
833	690	829
840	226	269
720	275	382

2212

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1932phot.pr

JME. RB 2207 1-6-32

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Ok.	volt
25.2	f	105	2528	938	1480	1472	1739	855	
25.4	f	√106	2540	656	1050	1018	√1710	814	
	s	√95	2550	720	1032	—	1758	820	
	s	96	2548	830	1440	—	1685	820	
	f	√107	2555	~~1052~~ 853	1082	1070	1680	820	
	s	97	2540	916	1502	—	1720	818	
25.8	s	√98	2580	808	1401	—	1647	810	4.98

Plate Finished !

JMEJ RB 2212 1-9-32

14.8	f	1	1480	884	1604	1482	2078	1084	Top image blurred by fine
15.2	f	2	1519	727	1908	1896	2120	1104	
	f	3	1626	754	1192	1160	2040	1042	
	f	4	1524	816	1830	1796	2010	1058	
15.4	s	1	1542	1009	1848	—	2040	1070	
15.6	f	5	1570	704	1530	1500	2010	1032	
15.8	s	2	1585	730	1512	—	1980	980	
	f	6	1582	890	1340	1332	2030	1008	
	f	7	1580	1080	1668	1686	1928	982	
16.0	f	8	1600	990	1780	1782	1936	940	
16.2	s	3	1620	959	1162	—	1970	990	
	f	9	1630	1070	1530	1610	1972	992	
16.4	s	4	1641	1118	1648	—	1972	970	
16.6	f	10	1660	576	1322	1288	2010	948	
	f	11	1672	1121	1600	1520	1892	920	
	f	12	1670	1181	1570	1582	1980	962	
16.8	f	13	1680	498	1070	1066	2160	988	
	s	5	1681	953	1854	—	2070	1000	
17.0	s	6	1700	878	1708	—	2030	1000	

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Ch.-Dk.	Defl.-H.	Red. Defl.	Magn.
884	621	704	
896	235	374	
938	212	226	
865	620	717	
860	256	298	
902	684	757	
837	597	714	
994	464	466	
1016	798	785	
998	134	134	
952	755	793	
970	778	801	
978	483	494	
1000	532	532	
1022	328	321	
946	695	735	
996	841	844	
980	172	175	
980	578	590	
1002	678	676	
1062	357	336	
972	640	658	
1018	614	603	
1172	80	68	
1020	854	837	
1030	708	687	

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1932phmo.pr

J. F. Dr. J. Fr. R. A. 22 12 Jan 9 1933

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. wlf.	
	f	14	1700	1106	1824	1838	2000	1012	
17.2	f	15	1729	430	1910	1968	2160	1032	
17.4	f	16	1749	410	1888	1878	2080	1000	
	s	7	1752	552	1830	—	2182	1008	
	f	17	1742	741	1318	1348	2118	1050	
17.6	f	18	1768	414	1786	1804	2240	1062	
	s	8	1769	660	1728	—	2049	1030	
	f	19	1772	756	1218	1224	2139	1028	
	f	20	1762	928	1850	1872	2048	1028	
17.8	s	9	1782	559	1830	—	2232	1050	
	f	21	1782	1050	1761	1790	1910	962	
repeat 17.8	s	10	1782	559	1904	—	2180	984	
	f	22	1778	1030	1942	1920	2110	970	
18.0	f	23	1806	380	1710	1822	2390	960	
	f	24	1800	382	1850	1826	2330	896	
	f	25	1800	626	1920	1942	2182	862	
	f	26	1802	1170	1358	1340	2084	882	
	f	27	1810	1201	1390	1370	2050	850	
	f	28	1809	1249	1605	1578	2097	843	
gmc. 18.2	f	29	1818	369	2030	2100	2318	818	5.25
	f	30	1839	360	1613	1635	2213	810	
	f	31	1825	747	1820	1747	2046	790	
	s	11	1824	1138	1330	—	2052	804	
4	s	12	1847	983	1702	—	2113	788	
	f	32	1855	1095	1680	1680	2008	801	
6	f	33	1865	368	1482	1450	2275	820	
	s	13	1858	427	1911	—	2262	822	
	s	14	1873	598	1080	—	2234	873	
	s	15	1871	969	1910	—	2180	862	
	s	16	1860	1021	1739	—	2070	894	

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α. -Dk.	Decl.-Dk.	Red. Decl. Magn.
988	819	829
1128	907	805
1080	883	818
1174	822	700
1068	283	265
1178	733	623
1019	698	685
1111	193	174
1020	833	816
1182	780	660
948	813	857
1196	920	770
1140	961	843
1430	806	564
1434	942	657
1320	1069	809
1202	467	388
1200	530	442
1254	748	596
1500	1247	830
1403	844	601
1256	993	790
1248	526	422
1325	914	690
1207	879	728
1455	646	444
1440	1095	760
1361	207	152
1318	1048	795
1176	845	719

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gme RB 2212 1-9-33

Strip	Class	Star	y	x	Deff.	Deff.	cl.	dk	wolf
18.8	f	34	1894	637	2070	2120	2260	923	
	s	17	1878	832	1956	—	2250	910	
	f	35	1881	1104	1852	1830	2085	935	
19.0	f	36	1917	550	1922	1918	2270	910	
	f	37	1918	588	1470	1472	2318	952	5.22
		m.m. – RB 2212 – Jan. 10, 1933							6.20
19.0 repeat 19.2	f	38	1910	588	1342	1458	2038	901	
	f	39	1932	408	1268	1280	2082	922	
	f	40	1937	442	1820	1869	2108	918	
	f	41	1918	550	1738	1802	2081	920	
	f	42	1919	740	1821	1832	2058	928	
19.4	s	18	1938	1075	1732	—	1982	931	
	f	43	1949	1378	1831	1878	2032	938	
19.6	s	19	1958	333	1918	—	2148	948	
~~19.8~~	s	20	1971	921	1738	—	2032	972	
19.8	s	21	1983	1000	1463	—	1985	992	
	f	44	1983	1285	1208	1162	2102	982	
20.0	f	45	1998	1195	1448	1568	2001	942	
20.2	f	46	2030	542	1564	1518	2175	936	
	f	47	2031	950	1170	1231	2002	911	
	s	~~48~~	2031	1382	1718	—	1983	900	
20.4	f	48	2050	822	1810	1828	2031	911	
	s	22	2050	1228	1628	—1	2000	882	
20.6	s	23	2060	353	1188	—	2212	896	
	s	24	2065	600	1228	—	2100	892	
	f	49	2060	742	1748	1842	2028	883	
	f	50	2070	998	1181	1112	2002	892	
20.8	f	51	2083	328	2000	2041	2212	912	
	s	25	2092	720	1568	—	2108	901	
	f	52	2080	1030	1740	1648	2002	890	

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Cl: -Dk.	Defl.-Dk.	Red. Defl. Magn.
1337	1172	877
1340	1046	780
1150	906	788
1360	1040	765
1366	519	380
1137	499	439
1160	352	304
1190	926	778
1161	850	731
1130	898	795
1051	801	761
1094	916	836
1200	970	808
1060	766	723
993	471	475
1120	203	181
1059	566	535
1239	605	489
1091	289	265
1083	818	755
1120	908	810
1118	746	668
1316	292	222
1208	336	278
1145	912	797
1110	254	232
1300	1108	852
1207	667	553
1112	854	767

2215

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M. M. – RB 2212 – Jan. 10, 1932.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
21.0	f	53	2109	799	1592	1608	2021	863	
21.2	f	54	2128	722	1712	1789	2062	868	
21.6	f	55	2160	410	1072	1098	2158	871	
	a	26	2170	1078	1208	—	2012	841	
21.8	f	56	2195	408	1892	1572	2132	856	
	f	57	2178	972	1022	1011	2012	862	
22.0	f	58	2200	591	1205	1212	2022	860	
	f	59	2200	596	1822	1900	2102	878	
	f	60	2198	1000	1768	1809	2028	852	
22.2	f	61	2220	398	1400	1419	2152	861	
	f	62	2220	1222	1652	1659	2042	868	
22.4	a	27	2250	718	1172	—	2087	858	
	a	28	2250	788	1662	—	2058	852	
22.6	f	63	2265	1040	1728	1760	2022	830	
22.8	f	64	2288	400	1672	1662	2162	833	
	a	29	2282	1069	1770	—	2030	828	
23.0	f	65	2310	400	1752	1849	2190	850	
	f	66	2303	775	1638	1708	2051	858	
	a	30	2312	847	1605	—	2002	830	
	f	67	2299	952	1018	1023	1986	827	
	f	68	2310	1090	1102	1186	1965	858	
	a	31	2308	1121	1442	—	2025	842	
gmc 23.2	f	69	2322	779	1773	1818	2085	894	5.20
	f	70	2318	930	1518	1598	2035	845	
	f	71	2330	977	1858	1850	1992	885	
	a	32	2313	1264	1713	—	1998	870	
	f	72	2333	1262	1358	1458	2060	864	
23.4	f	73	2341	1173	1049	1044	2028	887	
23.6	a	33	2362	934	1690	—	2182	889	
	a	34	2362	626	1503	—	2133	890	

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1932phae..pr

Cl.-Dk.	Dafl.-Dk.	Red. Dafl. Magn.
1158	737	637
1194	882	739
1287	214	166
1171	367	313
1276	776	609
1150	154	134
1162	348	299
1224	983	802
1176	936	796
1291	548	424
1174	787	670
1229	314	256
1206	810	672
1192	914	766
1329	834	628
1202	942	784
1340	950	709
1193	815	683
1172	775	660
1159	193	167
1107	286	258
1183	600	507
1191	901	755
1140	663	581
1107	969	875
1128	843	748
1196	544	455
1141	159	139
1293	801	619
1263	613	485

2215

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jmc RB 2212 1-10-33.

Strip	Class	Star	y	x	Decl.	Decl.	cl.	Dk.	wolk.
	f	74	2367	1031	1995	1978	2020	912	
	f	75	2369	1167	1920	2095	2140	945	
	a	35	2368	1188	1813	—	2060	952	
23.8	f	76	2379	507	1757	1754	2252	963	
	f	77	2384	1202	1112	1100	2110	948	
24.0	a	36	2417	~~16~~ 523	1617	~~2263~~	2283	960	
	f	78	2411	553	1962	1885	2260	950	
	f	79	2400	563	1192	1188	2228	970	
24.2	f	80	2426	508	1410	1413	2270	998	
	f	81	2432	840	1863	1867	2261	1010	
	a	37	2430	860	1510	—	2188	1003	
	a	38	2421	476	1620	—	2252	980	
24.4	f	82	2470	679	1907	1911	2232	967	
24.8	f	83	2491	605	1354	1350	2176	966	
	f	84	2490	974	1978	1887	2110	972	
	f	85	2479	979	1887	1899	2248	978	
25.0	f	86	2515	667	2060	2062	2250	970	
	f	87	2515	693	1968	2035	2243	965	
	f	88	2500	748	1895	1872	2232	972	
	f	89	2510	1037	2054	2050	2170	990	
25.2	a	39	2521	683	2063	—	2308	972	
	f	90	2538	840	1140	1158	2310	998	
	f	91	2530	955	1683	1650	2210	997	
	a	40	2528	1007	1400	—	2273	1018	
25.4	f	92	2542	771	2098	2050	2320	1000	
	a	41	2550	812	1708	—	2298	1000	
25.6	f	42	2562	880	1883	*	2191	978	5.17

Plate Finished !

*image obscured by line

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Cl.-Dk.	Defl-Dk.	Red. Defl.	Magn.
1108	1074	970	
1195	1062	889	
1108	861	777	
1289	792	615	
1162	158	136	
1303	657	504	
1310	973	743	
1258	220	175	
1272	413	324	
1251	855	683	
1185	507	428	
1272	640	503	
1265	942	745	
1210	386	319	
1138	960	844	
1270	915	720	
1280	1091	853	
1278	1036	811	
1260	911	723	
1180	1062	900	
1336	1091	817	
1312	151	115	
1213	669	551	
1255	882	703	
1320	1074	814	
1298	708	545	
1213	905	745	

2215

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gmt. RB 2215 1-11-33

Strip	Class	Star	y	x	Deff.	Deff.	Cl.	Dk.	volt.
15.0	f	93 1	1509	642	840	865	2082	799	5.18
	2	1	1503	812	1686	—	1967	806	
15.2	f	2	1527	906	1883	1870	2022	840	
	f	3	1532	928	1432	1432	2047	820	
15.6	f	2	1579	657	1601	—	2000	822	
15.8	2	3	1598	835	1658	—	2020	820	
16.0	f	4	1601	724	1670	1600	2046	820	
	f	5	1615	745	1119	1123	2060	815	
16.4	2	4	1658	584	1020	—	2108	805	
	f	6	1639	788	1908	1913	2103	812	
16.6	2	5	1668	903	1803	—	2156	800	
	2	6	1664	970	1897	—	2150	802	
16.8	f	7	1688	517	1798	1720	2066	887	
	f	8	1686	538	1800	1850	2108	795	
	f	9	1690	673	1770	1772	2085	780	
	f	10	1698	933	1618	1620	2032	778	
	2	7	1688	1136	873	—	1922	790	
17.0	f	11	1702	647	1818	1850	2028	790	
	2	8	1706	975	1850	—	2107	800	
17.2	2	9	1730	669	1410	—	1982	798	
	f	12	1730	910	1600	1610	2040	790	
17.4	2	10	1750	521	1271	—	2065	788	
	2	11	1750	~~1182~~ 911	1225	—	2105	782	
	2	12	1750	1182	1580	—	2083	805	
17.6	2	13	1770	930	960	—	2072	816	
	2	14	1768	974	1884	—	2088	825	
17.8	2	15	1780	609	1813	—	2038	808	
18.0	2	16	1812	673	1828	—	2080	820	
	2	17	1814	1060	1810	—	2107	820	
18.2	f	13	1628	596	1557	1540	2082	820	

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Cl.-Dk.	Dcfl.-Dk.	Red. Dcfl.	Magn.
1283	53	41	
1161	880	757	
1182	1036	875	
1227	612	499	
1178	779	661	
1200	838	698	
1226	815	665	
1245	306	246	
1303	215	165	
1291	1098	850	
1356	1003	740	
1348	1095	813	
1179	872	740	
1313	1030	784	
1305	991	759	
1254	841	670	
1132	83	73	
1238	1044	843	
1307	1050	804	
1184	612	517	
1250	815	651	
1277	483	378	
1323	443	334	
1278	775	606	
1256	144	115	
1263	1059	838	
1230	1005	817	
1260	1008	800	
1287	990	770	
1262	753	596	

2215

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gma RB 2215 1-11-33

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Db. wdth
	s	18	1828	626	1820	—	2110	800
	f	14	1828	668	1198	1198	2078	802
	f	15	1830	1169	953	942	2062	810
18.0	f	16	1853	725	1130	1160	2092	815
18.6	f	17	1860	972	1523	1548	2090	808
	f	18	1870	1347	1128	1070	2092	810
18.8	s	19	1880	396	1833	—	2127	803
19.0	s	X 20	1898	899	1970	—	2112	820
	f	19	1908	729	1787	1727	2080	832
19.2	s	21	1930	1155	1662	—	2145	840
	s		m.m.—RB2215—Jan. 11, 1933					
19.2	s	22	1930	1155	1551	—	1962	768
repeat 19.4	f	20	1950	300	813	861	2038	769
	s	23	1947	751	852	—	1931	761
	s	24	1952	969	1071	—	1972	768
	s	25	1942	1300	1073	—	1981	769
19.6	f	21	1960	1288	1498	1477	2072	771
	s	26	1960	1312	1350	—	2068	778
19.8	s	27	1981	512	1761	—	2078	772
	s	28	1985	629	982	—	2058	779
20.0	s	29	2010	702	972	—	2050	752
	f	22	2018	1072	1767	1638	2102	759
20.2	f	23	2023	342	1562	1588	2081	762
	s	30	2029	372	1800	—	2108	778
	f	24	2019	382	1838	1852	2111	787
	f	25	2024	717	1791	1798	2088	797
	f	26	2020	751	1842	1839	2072	811
	f	27	2022	854	1337	1418	2109	812
		31	2039	542	1520	—	2172	814
	f	28	2025	718	1812	1825	2100	792

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Ce.-Dk.	Defl.-Dk.	Red. Defl.	Magn.
1310	1020	779	
1276	396	310	
1252	137	109	
1227	330	269	
1282	727	566	
1282	289	225	
1324	1030	778	
1292	1150	890	
1248	925	741	
1305	822	630	
	[illegible]		
1194	783	655	
1269	68	54	
1170	91	78	
1204	303	252	
1212	304	251	
1301	716	550	
1290	572	448	
1306	989	756	
1279	203	159	
1298	220	169	
1343	993	739	
1319	813	616	
1330	1022	769	
1324	1058	799	
1291	997	771	
1261	1029	815	
1297	565	436	
1358	706	520	
1308	1026	785	

2865

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M.M. – RB 2215 – Jan. 11, 1933.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Wolf
	f	29	2020	752	1800	1841	2069	806	
	f	30	2020	852	1408	1304	2038	777	
20.6	s	32	2063	306	1632	—	2132	768	
20.8	f	31	2083	410	1762	1842	2082	771	
	f	32	2082	1350	1372	1448	2008	776	
21.0	f	33	2100	468	1308	1332	2018	768	
	s	33	2110	662	1100	—	1948	762	
	f	34	2108	748	802	792	1958	751	
21.2	s	34	2138	289	1272	—	2022	753	
21.4	s	35	2145	308	1053	—	2028	761	
	s	36	2155	991	972	—	1972	752	
21.6	f	35	2160	771	937	900	1942	750	
21.8	f	36	2189	308	1738	1772	2022	742	
		37	2194	392	1662	—	2001	748	
		J.F. Mc J. R.B 2215							
248 repeat.	f		2188	344	1503 1422	1475	1732	780	
	s	38	2195	421	1430	—	1758	730	
	s	39	2180	1172	1600	—	1806	698	
22.0	f	37	2206	414	756	756	1688	670	
22.2	f	38	2224	530	1130	1156	1652	650	
	s	40	2234	1149	1450	—	1648	650	
22.4	s	41	2248	461	1482	—	1622	618	
22.6	f	39	2269	358	1342	1320	1640	660	
	s	42	2270	344	1200	—	1592	648	
	f	40	2276	838	692	708	1568	652	
22.8	f	41	2290	371	1360	1320	1574	598	
	f	42	2289 1220	1208	1448	1440	1638	590	
23.2	s	43	2330	419	1338	—	1620	648	
	s	44	2319	731	1420	—	1630	630	
	s	X45	2334	899	1447	—	1558	620	
23.4	f	43	2352	1036	1190	1238	1646	622	

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Cl.-Dk.	Dopl.-Dk.	Red. Dopl. Magn.
1263	1014	804
1261	579	459
1364	864	633
1311	1031	786
1232	634	514
1250	552	442
1186	338	285
1207	46	38
1269	519	409
1267	292	231
1220	220	180
1192	168	141
1280	1013	791
1253	914	729
952	735	772
1028	700	681
1108	902	815
1018	86	85
1002	493	492
998	800	802
1004	864	860
980	671	685
944	552	585
916	48	52
976	742	760
1048	854	815
972	690	710
1000	790	790
938	827	882
1024	592	578

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J. F. McJ. Jan 17, 1932 R. A. 22 15

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.-wolf
23.6	S	46	2364	1012	1402	—	1550	640
	f	44	2370	1089	952	970	1620	660
	S	47	2360	1149	860	—	1640	664
23.8	f	45	2380	1038	1020	1038	1560	632
24.0	f	46	2400	725	1450	1390	1620	650
"	f	47	2400	955	1300	1348	1562	642
24.2	S	48	2429	558	1354	—	1580	622
	S	49	2432	598	950	—	1580	630
	f	48	2436	677	1031	891	1590	650
	~~S~~		~~2429~~	~~558~~	~~1280~~	—	~~1532~~	~~630~~
24.4	f	49	2446	1080	1327	1242	1522	608
24.6	f	50	2470	671	1090	1082	1550	620
	S	50	2479	681	1360	X —	1552	620
	f	51	2470	1049	1070	1068	1512	610
24.8	f	52	2480	939	1190	1138	1572	622
25.0	f	53	2510	622	1138	1190	1640	660
	S	51	2506	776	1302	—	1588	690
25.2	f	plate flawed! 54	2522	810	1432	1448	1572	670
25.4	S	52	2548	794	962	—	1620	670

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Cl.-Dk.	Defl.-Dk.	Red. Defl. Magn.
910	762	838
960	301	314
976	196	201
928	407	439
970	770	794
920	682	741
958	732	765
950	320	337
940	311	331
914	676	740
930	466	501
932	680	730
902	459	509
950	542	571
980	504	514
898	612	682
902	770	854
950	292	307

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jmc. RB 2865 1-17-33

Strip	Class	Star	y	x	Deff.	Deff.	Cl.	Dk.	wolf
15.2		f	1522	763	920	925	980	122	485
		s	1528	820	870	—	963	143	
		f	1522	932	845	880	970	140	
15.4		f	1540	627	922	943	974	126	
		f	1538	658	850	905	970	160	
		R	1560	740	782	—	982	121	
		s	1540	972	810	—	952	122	

Rejected Spindle

jmc, 1-18-33

15.2	f	1	1522	763	1285	1322	1400	605	6.18
	s	✓1	1528	820	1362	—	1515	680	
	f	2	1522	932	1380	1428	1537	708	
15.4	f	3	1538	658	1467	1497	1600	702	
	f	4	1540	627	1488	1542	1598	740	
	s	✓2	1540	972	1402	—	1602	735	
15.6	f	✓5	1562	590	1483	1504	1640	775	
	s	✓3	1560	740	1407	—	1665	740	
	s	✓4	1570	815	1282	—	1585	682	
	s	✓5	1565	942	1453	—	1622	652	
	s	✓6	1560	998	1506	—	1612	632	
	f	6	1562	1105	1315	1400	1563	620	
15.8	s	✓7	1580	768	1130	—	1553	600	
	f	7	1593	829	1445	1508	1592	633	
	s	✓8	1591	1528	1298	—	1592	603	
16.0	s	✓9	1600	~~1126~~ 772	1410	—	1567	623	
	s	✓10	1600	968	1428	—	1602	620	
16.2	s	✓11	1624	1002	1452	—	1602	648	
	s	✓12	1622	1162	1347	—	1668	620	
16.4	f	✓8	1643	477	1535	1520	1625	617	
	s	✓13	1648	946	1348	—	1608	522	

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Cl.-Dk.	Defl.-Dk.	Red. Defl.	Magn.
Rejected = small D+D K.			
795	648	815	
835	682	817	
829	696	840	
898	780	869	
858	775	904	
867	667	770	
865	718	830	
925	667	721	
903	600	665	
970	801	825	
980	874	892	
943	767	814	
953	530	556	
959	843	879	
989	695	703	
944	787	834	
982	808	823	
954	804	843	
1048	724	691	
1008	910	903	
1086	826	761	

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1932phot. pr

jmc RB 2865 1-18-33

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt
	f	9	1648	1191	1072	1055	1537	468	
16.6	f	10	1669	703	1370	1360	1510	460	
	f	11	1672	943	1410	1460	1562	445	
	s	✓14	1666	1124	1162	—	1592	419	
16.8	f	12	1680	559	1348	1355	1505	389	
	f	13	1689	568	1122	1170	1490	412	
	s	✓15	1679	1078	1362	—	1487	409	
	f	14	1693	1238	1407	1390	1960	379	
17.0	f	15	1714	657	1390	1373	1504	386	
	f	16	1699	1213	1068	1085	1572	399	
17.2	f	17	1724	712	1298	1312	1513	391	
	f	18	1730	828	1318	1320	1470	382	
	f	19	1738	920	1283	1285	1445	378	
	f	20	1719	1098	1400	1372	1525	408	
	f	21	1720	1201	1540	1533	1602	510	
17.4	f	22	1749	549	1452	1482	1512	483	
	s	✓16	1753	637	1003	—	1514	467	
	s	✓17	1748	672	1453	—	1513	440	
	s	✓18	1759	1117	1340	—	1520	445	
	s	✓19	1745	1138	1248	—	1538	422	
17.6	f	23	1770	601	1440	1447	1535	442	
	f	24	1775	688	1410	1428	1520	412	
	s	✓20	1760	768	1343	—	1462	433	
17.8	f	25	1799	414	1260	1288	1502	418	
	f	26	1778	1051	1388	1395	1508	412	
	f	27	1790	1163	1450	1505	1602	512	6.15

Cont. in Bk. 92.

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α.-Dk.	Decl.-Dk.	Red. Decl.	Magn.
1069	595	557	
1050	905	861	
1117	990	886	
1173	743	633	
1216	962	863	
1078	734	681	
1078	953	885	
1581	1019	644	
1118	995	890	
1173	677	577	
1122	914	814	
1088	937	870	
1067	906	849	
1117	978	875	
1092	1026	939	
1029	984	956	
1047	536	512	
1073	1013	944	
1075	895	833	
1116	826	740	
1093	1001	915	
1108	1007	909	
1029	910	885	
1084	856	789	
1096	979	893	
1010	885	876	

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