1933phae.proj.129TM

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1933phae.proj.1291M



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1933phae.proj.1..1M

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1933phae.proj.12.11M

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1933phae.proj.1201M

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1933phae.proj.12M1M

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1933phae.proj.1211M

Index
RB Plate
2865

Pages
2-8

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1933phae.proj.12m1M

2

J7mc J — R13 2865 — Jan. 19, 1933.
Cont. from Bk. 91

Ships	Star	Class	y	x	Deff.	Deff.	Cl.	Bk	v.
17.8	21	p	1792	732	2000	—	2164	930	5.5
8.0 (Repeat)	1	f	1800	370	1968	1998	2292	940	
	22	p	1812	518	2057	—	2250	910	
	23	p	1812	619	1938	—	2110	880	
	24	p	1809	786	~~1904~~ 1814	—	2084	818	
	2	f	1804	1055	1662	1654	2140	800	
	3	f	1800	1069	1920	1920	2148	770	
	4	f	1810	1110	1970	2011	2109	760	
18.2	5	f	1830	1168	1772	1820	2060	784	
	25	p	1839	1304	1712	—	2080	794	
18.4	6	f	1846	302	1880	1902	2090	760	
	7	f	1844	840	1872	1838	1900	720	
	26	p	1840	970	1670	—	1865	704	
	8	f	1843	1202	1510	1514	1960	688	
18.6	9	f	1871	498	1870	1858	2112	730	
	27	p	1869	1130	1970	—	2162	750	
	28	p	1890	300	1594	—	2182	710	
18.8	10	f	1881	638	1770	1808	2110	730	
	29	p	1888	640	1820	—	2108	720	
	30	p	1884	950	1612	—	2060	740	
	11	f	1890	1019	1942	1962	2104	698	
19.0	12	f	1902	592	1748	1732	2098	697	
	13	f	1912	548	1942	1918	2102	678	
	31	p	1904	438	1962	—	2186	698	
	32	p	1901	1262	1930	—	2146	736	
	33	p	1918	1274	1874	—	2190	704	
19.2	14	f	1930	770	2052	1990	2104	682	
	15	f	1922	888	1940	1912	2040	692	
19.4	under line 16	f	1944	252	1648	1630	2072	676	
	17	f	1940	869	1804	1082	1952	632	

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1933phae.proj.12:1M

α - Ok.	Def. Ok.	Red. Def.
1134	1070	943
1252	1043	834
1240	1147	925
1130	1078	959
1266	996	787
1340	858	641
1378	1150	835
1349	1230	914
1276	1012	794
1286	918	714
1330	1131	852
1280	1135	887
1161	966	832
1272	824	647
1382	1134	820
1462	1220	835
1472	884	601
1380	1059	766
1388	1100	793
1310	876	669
1406	1254	893
1401	1043	745
1424	1252	880
1488	1264	851
1410	1200	852
1486	1170	788
1422	1339	940
1438	1324	923
1496	1058	708
1420	561	395

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1933phae.proj.1201M

J. F. M. J. P. R. B2865 Jan 19, 1933

Strip	Star	Class	y	x	Deff.	Deff.	Cl.	Dk	V.	
19.6	34	p	1971	497	1341	—	1824	488		
19.8	18	f	1979	281	1698	1692	1850	480		
	19	f	1980	991	1570	1622	1810	470		
	20	f	1982	1334	1402	1400	1862	490		
20.0	35	p	2000	1059	1490	—	1908	492		
	21	f	2000	1329	1158	1200	1950	550		
20.2	36	p	2021	541	1532	—	1910	572		
	22	f	2021	712	1448	1480	1898	580		
	37	p	2038	1029	1658	—	1904	582		
	23	f	2032	1330	1540	1600	1962	608		
20.4	24	f	2051	478	1758	1758	1958	588		
	38	p	2042	793	1828	—	2070	604		
20.6	39	p	2069	331	1622	—	2122	582		
	25	f	2070	926	1760	1698	2048	590		
	40	p	2070	1119	1575	—	2008	564		
	26	f	2066	1229	1460	1482	1954	616		
20.8	27	f	2079	541	1438	1360	2054	648		
	41	p	2091	617	1496	—	2040	640		
	28	f	2089	969	1670	1661	2052	650		
	29	f	2090	998	1862	1898	2050	656		
	30	f	2090	1228	1860	1888	2140	662		
	42				gone.					
20.8 (Repeat)	31	f	2079	541	1478	1392	2092	625	608	
	43	p	2091	617	1612	—	2057	657		
	32	f	2089	969	1730	1690	2102	653		
	33	f	2090	998	1954	1963	2163	662		
	34	f	2081	1154	2038	1985	2203	702		
	35	f	2084	1221	2000	1968	2240	712		
21.0	44	p	2101	535	1982	—	2132	680		
	36	f	2112	568	1950	1898	2010	680		

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1933phae.proj.1201M

α-OR	Def-OR	Red Of.
1336	853	627
1370	1215	881
1340	1126	840
1372	1011	739
1416	998	705
1405	629	449
1338	960	717
1318	884	670
1322	1076	814
1354	987	713
1370	1170	855
1466	1224	837
1540	1040	675
1458	1569	795
1444	1011	701
1338	855	639
1406	751	534
1405	856	611
1402	1016	724
1394	1224	879
1478	1212	820
1477	810	548
1405	555	396
1449	1059	763
1501	1296	863
1501	1310	873
1528	1282	840
1452	1302	898
1490	1244	836

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1933phae.proj.1201M

gmc RB 2865 1-19-33.

trip	Star	Class	y	x	Dfft	Dfft.	Cl	Dk	Vel A
	25	s	2110	616	1935	—	1965	668	
	37	f	2099	744	1823	1902	2058	630	
	26	s	2110	825	1930	—	2072	603	
	38	f	2110	930	1882	1918	2030	668	
	27	s	2102	1032	1652	—	2052	680	
	28	s	2108	1077	1420	—	2091	745	
	29	s	2110	1162	1910	—	2202	712	
	39	f	2104	1185	1945	1915	2142	730	
	40	f	2110	1213	1953	1967	2262	684	
21.2	30	s	2120	398	1963	—	2190	670	
	41	f	2132	412	1990	1993	2112	685	
	31	s	2120	630	1743	—	2150	700	
	32	s	2120	940	1742	—	2115	632	
	33	s	2122	1208	1658	—	2000	588	
	42	f	2128	1252	*(660)	1732	2000	548	
21.4	43	f	2100	819	1670	1712	1800	513	
21.6	44	f	2165	469	1579	1603	1763	447	670
	34	p	2170	732	1242	—	1692	495	
	35	p	2163	1234	1682	—	1762	482	
21.8	45	f	2186	455	1713	1670	1797	572	
	46	f	2183	982	1472	1580	1762	503	
	47	f	2190	1118	1663	1682	1747	463	
22.0	48	f	2213	564	1540	1577	1761	463	
	36	p	2213	823	1573	—	1664	453	
	49	f	2203	1324	1773	1771	1946	439	
22.2	50	f	2220	1105	1742	1697	1797	463	
22.4	51	f	2240	1249	1312	1284	1907	403	
	52	f	2251	1289	1737	1732	1870	442	
22.6	37	p	2273	916	1622	—	1762	395	
22.8	38	p	2293	969	1623	—	1710	378	

* image partially obscured by slit.

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1933phae.proj.1201M

Cl-Dr.	Def-Dr	Red Def
1297	1267	977
1428	1232	864
1469	1327	903
1362	1332	979
1372	972	708
1346	675	502
1490	1198	804
1412	1200	850
1478	1276	866
1520	1293	852
1427	1306	916
1450	1043	720
1543	1110	720
1412	1070	758
1452	1184	816
1287	1173	913
1316	1044	790
1197	753	630
1280	1200	938
1285	1179	918
1259	983	781
1284	1209	950
1298	1095	844
1211	1120	925
1283	1339	903
1394	1316	944
1504	895	595
1468	1322	902
1367	1227	898
1322	1225	927

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1933phae.proj.1211M

RP - RB2865 - Jan. 19, 1933.

Trig	Class	Star	y	x	xleft	xleft	Ce	Dk	Bats
23.0	f	53	2302	709	1663	1583	1749	396	
	p	54	2302	1218	1274	—	1763	366	
23.2	f	54	2321	662	1510	1503	1703	393	
	f	55	2350	938	1450	1452	1600	422	
23.6	p	50	2360	957	1297	—	1618	399	
23.8	p	51	2391	839	1377	—	1570	383	
	f	56	2399	1219	1281	1173	1658	422	
24.2	p	52	2421	1042	1292	—	1587	399	
24.4	f	57	2442	478	1527	1541	1663	404	
	f	58	2444	522	1243	1293	1700	413	
	p	53	2451	818	1449	—	1567	403	
24.6	f	59	2467	723	1392	1363	1622	393	
	p	54	2458	1009	1392	—	1641	395	
	f	60	2460	1032	1402	1480	1652	412	
	p	55	2472	1053	1393	—	1659	433	
24.8	p	56	2490	1009	1422	—	1587	408	

Plate finished. 50

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1933phae.proj.1201M

α - Dk.	Def - Dk	Red. Def.
1353	1227	906
1397	908	650
1310	1113	852
1378	1029	874
1219	898	737
1187	996	846
1231	805	654
1188	893	753
1259	1130	899
1387	855	617
1164	1046	911
1229	984	801
1248	999	801
1210	999	825
1226	960	784
1179	1014	861

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1933phae.proj.1201M

M. M. – RB 2874 – August 15, 1933.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
15.0	f	1	1512	732	1719	1711	2238	1110	
	s	1	1500	912	1218	—	2185	1105	
	s	2	1507	948	1410	—	2208	1108	
15.2	f	2	1532	848	1498	1428	2162	1110	
	s	3	1519	1000	1733	—	2202	1109	
	s	4	1526	872	1799	—	2198	1121	
	s	5	1520	970	1946	—	2200	1118	
	s	6	1528	993	1858	—	2178	1114	
	f	3	1535	642	1938	1946	2192	1116	
	f	4	1532	847 ~~887~~	1515	1488	2198	1119	
	s	7	1525	871	~~1821~~	—	2182	1122	
	s	8	1522	963	1940	—	2240	1121	
	s	9	1528	1001	1902	—	2210	1123	
15.4	s	10	1550	668	1591	—	2238	1120	
	f	5	1554	688	1636	1608	2208	1129	
	s	11	1546	838	1758	—	2202	1125	
	s	12	1548	880	1542	—	2199	1128	
	f	6	1548	1005	1656	—	2188	1122	
	s	13	1552	1032	1878	—	2208	1138	
15.8	s	14	1598	581	1910	—	2212	1131	
	s	15	1585	770	1938	—	2242	1141	
	f	7	1596	860	1615	1658	2216	1140	
	f	8	1578	929	1645	1632	2182	1133	
	f	9	1577	943	1941	1938	2228	1142	
	f	10	1592	1110	1832	1791	2221	1133	
16.0	f	11	1610	1059	1272	1263	2219	1128	
			1610	1162	1509	—	2208	1130	

Cont. on page 24

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1933phae.proj.1201M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
1128	1605	585
1080	1113	104
1100	1302	1183
1052	1353	337
1093	1624	571
1077	1678	627
1082	828	765
1064	744	698
1076	826	767
1079	383	356
1060	699	660
1119	819	732
1087	779	712
1118	471	423
1079	493	470
1077	633	590
1071	414	383
1066	534	502
1070	740	692
1081	779	715
1101	797	720
1076	496	462
1079	505	482
1086	795	729
1088	679	627
1091	140	132
1078	379	352

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1933phae.proj.12n1M

WP - RB 2052 - Aug. 18, 1933.

Plate # up.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
15.0	✗	✓ 1	1511	800	1507	—	2112	1048	510
	∫	1	1500	832	1822	1819	2106	1048	
15.2	∫	2	1520	802	1958	1972	2089	1052	
15.4	∫	3	1550	793	1998	1972	2082	1052	
	∫	4	1558	800	1968	1942	2088	1054	
15.6	✗	X 2	1560	726	2003	—	2078	1049	
	∫	5	1578	753	1903	1888	2083	1052	
	∫	✓ 3	1570	929	1862	—	2092	1057	
15.8	∫	6	1580	838	1998	1998	2082	1053	
	✗	X 4	1596	1027	1977	—	2121	1053	
	✗	✓ 5	1582	1163	1698	—	2098	1054	
16.0	∫	7	1607	573	1909	1889	2058	1052	
	✗	X 6	1600	793	1928	—	2090	1053	
16.2	∫	8	1637	596	1687	1670	2062	1053	
	∫	✓ 7	1619	780	1712	—	2098	1053	
	✗	X 8	1633	1093	2092	—	2099	1058	
16.6	✗	✓ 9	1661	564	1703	—	2058	1057	
	✗	X 10	1662	701	1922	—	2090	1058	
	✗	X 11	1670	832	1952	—	2068	1059	
	✗	✓ 12	1660	1171	1757	—	2121	1058	
	✗	✓ 13	1670	1310	1652	—	2128	1058	
16.8	✗	✓ 14	1690	771	1852	—	2092	1058	
	∫	9	1678	760	1348	1332	2067	1048	
	✗	X 15	1680	942	1953	—	2103	1057	
	✗	X 16	1687	1187	1958	—	2127	1053	

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1933phae.proj..1211M

Cl.-Dk.	Dfl.-Dk.	Red. Dfl.
1064	459	428
1058	772	731
1037	913	870
1030	933	908
1034	901	873
1029	954	930
1031	844	819
1035	805	780
1029	945	918
1068	924	863
1044	644	615
1006	847	841
1037	875	846
1009	625	618
1045	659	628
1041	1034	982
1001	646	646
1032	864	838
1009	893	882
1063	699	655
1070	594	553
1054	814	772
1019	292	287
1053	903	860
1074	905	842

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1933phae.proj.12m1M

h. m. — RB 3052 — Aug. 19, 1933.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
16.8	s	17	1690	771	1933	—	2118	1058	
	f	10	1678	860	1238	1288	2138	1052	
	s	18	1684	932	2061	—	2165	1066	
	s	19	1688	1187	1940	—	2151	1061	
17.0	f	11	1708	586	1642	1660	2106	1065	
	f	12	1717	788	1872	1851	2108	1058	
	s	20	1708	837	1932	—	2091	1061	
	s	21	1712	858	1652	—	2122	1062	
	s	22	1708	1022	1699	—	2128	1058	
17.2	f	13	1733	672	1928	1919	2102	1063	
	s	23	1728	1070	1885	—	2168	1068	
	f	14	1722	1128	1838	1808	2138	1068	
	f	15	1738	1262	1852	1818	2112	1062	
	s	24	1720	1338	1672	—	2142	1065	
17.4	f	16	1738	1291	1802	1798	2132	1068	
17.6	s	25	1767	500	1738	—	2112	1067	
	s	26	1760	818	1772	—	2109	1068	
	f	17	1777	1222	1912	1910	2141	1060	
17.8	f	18	1791	1138	1688	1658	2068	1070	
18.0	s	27	1818	428	1650	—	2090	1068	
	s	28	1811	529	1678	—	2108	1062	
	s	29	1808	860	1850	—	2148	1068	
	s	30	1808	912	1472	—	2089	1066	
18.2	f	19	1825	518	1432	1468	2138	1071	
	s	31	1832	718	1908	—	2142	1072	
	f	20	1828	1252	1972	1942	2168	1062	
18.4	s	32	1846	1052	1652	—	2142	1068	
	s	33	1858	1161	1512	—	2141	1065	
18.6		34	1868	840	1651	—	2138	1072	
18.8		35	1880	428	1978	—	2132	1081	

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1933phae.proj.1211M

J Cl.-Dk.	Defl-Dk	Red Defl.
1060	875	823
1086	211	194
1099	995	902
1090	879	807
1041	586	563
1050	804	767
1030	871	846
1060	590	557
1070	641	600
1039	856	825
1100	817	744
1074	755	703
1050	763	772
1077	607	567
1064	732	684
1045	671	642
1041	704	673
1081	851	784
998	603	605
1022	582	570
1046	616	587
1080	782	725
1023	406	395
1067	379	356
1170	936	872
1106	895	808
1074	584	542
1076	447	417
1066	579	540
1051	897	850

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1939phae.proj.12:1M

Wh. M. — RB 3052 — Aug. 19, 1933.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
	s	36	1890	528	1575	—	2128	1064	
	s	37	1882	972	1918	—	2162	1076	
	f	21	1885	1219	1732	1742	2150	1070	
	s	38	1892	1265	1931	—	2148	1072	
19.0	s	39	1918	418	1881	—	2121	1070	
	s	40	1905	455	1321	—	2158	1072	
	f	22	1900	682	1852	—	2102	1070	
double?	f	23	1910	700	1515	1499	2161	1073	
	f	24	1910	1095	1882	1851	2165	1078	
	f	25	1900	1220	1958	1918	2151	1072	
19	s	41	1918	1325	1989	—	2155	1078	
19.2	s	42	1928	505	1668	—	2158	1075	
	f	26	1918	848	1691	1728	2188	1078	
	s	43	1922	851	1778	—	2152	1076	
	s	44	1927	535	1232	—	2142	1068	
	s	45	1928	1358	1928	—	2128	1064	
19.4	s	46	1948	762	1918	—	2121	1069	
	s	47	1940	842	1800	—	2140	1068	
	s	48	1938	848	1858	—	2162	1072	
19.6	s	49	1970	538	1852	—	2122	1071	
	s	50	1974	622	1718	—	2108	1072	
19.8	s	51	1978	478	1948	—	2148	1083	
	s	52	1982	518	1792	—	2142	1081	
	f	27	1992	778	1943	1922	2140	1080	
	s	53	1997	782	1210	—	2148	1075	
	s	54	1998	918	1300	—	2132	1080	
20.0	f	28	2010	680	1661	1672	2112	1088	
	s	55	2000	848	1900	—	2178	1088	
		56	2000	958	1818	—	2188	1082	
		57	2012	1028	1805	—	2161	1080	

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1933phae.proj.1211M

Obs.-Dk.	Defl.-Dk.	Red. Defl.
1064	511	479
1086	842	770
1080	667	620
1076	859	797
1051	811	770
1086	249	227
1032	782	758
1088	434	396
1087	788	721
1079	866	803
1077	911	845
1083	593	546
1110	632	570
1076	702	652
1074	164	153
1064	864	807
1052	849	807
1074	732	683
1090	786	720
1051	781	746
1036	646	628
1065	865	807
1061	711	670
1060	852	803
1073	135	125
1052	220	210
1024	578	565
1090	812	748
1106	736	666
1081	725	668

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1933phae.proj.12:1M

m. m. – RB3052 – Aug. 19, 1933

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
	A	58	2015	1218	1572	—	2100	1072	
20.2	A	59	2022	453	1678	—	2118	1084	
	A	60	2028	982	1878	—	2052	1072	
	F	29	~~1962~~ 2020	1032	1962	1918	2152	1070	
	F	30	2032	1252	1699	1712	2158	1082	
20.4	F	31	2038	1193	1881	1982	2198	1120	
	F	32	2050	1263	1892	1708	2148	1078	
20.6	A	61	2068	780	1328	—	2122	1080	
	F	33	2066	1178	1572	1518	2128	1072	
	F	34	2072	1328	1902	1921	2128	1067	
20.8	F	35	2091	582	1899	1932	2112	1078	
	F	36	2098	718	1598	1602	2132	1066	
	A	62	2081	1048	1690	—	2152	1078	
21.0	A	63	2100	810	1798	—	2072	1068	
	F	37	2110	838	1878	1882	2140	1072	
	F	38	2100	860	1908	1988	2118	1071	
	A	64	2108	900	1512	—	2112	1078	
	A	65	2116	960	1492	—	2078	1078	
21.2	A	66	2132	1210	1738	—	2132	1068	
21.4	A	67	2142	478	1950	—	2148	1072	
	A	68	2140	542	1901	—	2130	1062	
	F	39	2100	680	1938	1920	2122	1072	
	A	69	2150	710	1878	—	2130	1068	
	A	70	2140	1368	1734	—	2058	1070	
21.6	A	71	2168	405	1905	—	2042	1062	
	F	40	2170	414	1642	1578	2081	1062	
	F	41	2165	662	1842	1850	2142	1072	
	A	72	2168	1240	1562	—	2110	1072	
	F	42	2168	1242	1842	1858	2092	1068	
	F	43	2174	1250	1768	1708	2100	1082	

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1933phae.proj..1291M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
1028	500	485
1034	594	573
1080	806	748
1082	870	802
1076	624	580
1013		
1070	322	301
1042	248	237
1056	482	459
1056	840	798
1034	838	810
1066	534	508
1074	612	571
1004	730	730
1068	808	753
1047	877	810
1094	434	418
1000	414	413
1064	370	347
1076	878	818
1068	839	780
1050	857	813
1062	810	760
988	664	671
980	843	858
1019	462	453
1070	774	723
1038	490	477
1024	782	761
1018	671	660

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1933phae.proj.1201M

M. M - RB 3052 - Aug. 19, 1933.

Strip	Class	Star.	y	x	Defl	Defl	Cl.	Dk.	Volt.
21.8	x	73 2187	785	1888	=	2148	→	1062	
	f	44	2180	803	1928	1968	2110	1072	
22.0	f	45	2200	730	1800	1810	2108	1065	
	x	74	2208	740	1738	—	2102	1072	
	x	75	2215	852	1920	—	2108	1072	
	f	46	2212	978	1960	2048	2130	1072	
	f	47	2216	1320	1440	1438	2122	1070	
	f	48	2200	1352	1950	1961	2110	1062	
		N.M. - RB 3052 - Aug. 20, 1933.							
22.0	f	49 (Repeat)	2200	728	1991	1998	2388	1088	540
	x	76	2208	740	1910	—	2313	1088	
	x	77	2212	852	2127	—	2308	1092	
	x	78	2198	1048	1852	—	2268	1092	
	x	79	2199	1103	2003	—	2276	1092	
22.2	x	80	2216	671	2007	—	2272	1093	
	x	81	2221	721	2139	—	2259	1092	
	x	82	2228	743	2038	—	2252	1092	
	x	83	2221	1051	1632	—	2263	1092	
	x	84	2234	1088	1798	—	2258	1092	
	f	50	2217	1014	1460	1463	2258	1093	
22.4	x	85	2240	580	1490	—	2238	1092	
	f	51	2250	768	1989	1948	2287	1098	
	f	52	2240	1108	2007	1922	2282	1098	
22.6	x	86	2263	477	1068	—	2258	1100	
22.8	x	87	2278	1252	1382	—	2268	1092	
23.0	f	53	2309	608	1777	1733	2272	1102	
23.2	f	54	2322	898	1340	1313	2268	1098	
	x	88	2329	960	1929	—	2262	1095	
	f	55	2320	1129	1808	1763	2252	1088	
	x	89	2317	1362	1678	—	2240	1093	

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1933phae.proj..1201M

Cl.-Dk.	Deff.-Dk.	Red. Deff.
1086	826	768
1038	876	848
1043	740	708
1080	666	618
1086	848	778
1058	932	886
1052	369	350
1048	894	850
1300	906	698
1225	822	670
1316	1035	788
1176	760	648
1184	911	765
1179	914	779
1167	1047	898
1160	946	817
1171	540	460
1166	706	603
1165	363	311
1146	398	346
1189	870	732
1184	866	730
1158	468	405
1176	240	205
1170	653	558
1170	228	195
1167	834	712
1164	700	600
1147	585	509

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1933phae.proj.1201M

ZAP - RB 2052 - Aug 20, 1933.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
23.4	A	90	2350	1138	1582	—	2262	1092	
23.6	A	91	2062	917	1878	—	2259	1102	
	A	92	2370	939	1920	—	2258	1093	
	A	93	2368	973	1323	—	2262	1098	
		56	2371	1238	1598	1582	2282	1093	
23.8	A	94	2392	1853	1523	—	2248	1093	
	A	95	2377	1150	1743	—	2262	1093	
24.0	A	96	2440	685	1730	—	2258	1098	
	A	97	2391	707	1558	—	2248	1092	
		57	2442	769	1782	1752	2274	1098	
		58	2402	1138	2042	2003	2275	1103	
		59	2406	1143	1986	1957	2278	1100	
24.2		60	2420	1122	1862	1764	2292	1102	
24.4		61	2454	707	1282	1298	2274	1092	
	A	98	2443	818	1871	—	2260	1098	
24.6		62	2462	730	1948	1902	2272	1100	
24.8	A	99	2480	1196	1850	—	2262	1098	
25.0		63	2500	1148	1610	1558	2292	1100	
	A	100	2497	1108	1732	—	2297	1099	
25.2	A	101	2521	959	1592	—	2282	1098	
25.4	A	102	2542	1007	1797	—	2273	1098	

Plate finished.

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1933phae.proj..1201M

Q.–Dk.	Deff.–Dk.	Red. Defl.
1170	490	418
1151	776	672
1165	829	710
1164	225	193
1189	497	418
1155	430	373
1169	650	554
1160	632	543
1156	466	404
1176	669	570
1172	919	782
1178	872	741
1190	711	598
1182	188	159
1162	773	664
1172	825	705
1164	752	641
1192	484	407
1138	633	555
1184	494	417
1175	699	595

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1933phae.proj.1201M

Cont. from page 10.

M.M. – RB 2874 – August 20, 1933.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
16.0	f	12	1610	1051	1202	1228	2610	1088	
	s	✓16	1610	1158	1799	—	2522	1091	
16.2	s	✓17	1618	638	1788	—	2538	1088	
	f	13	1635	752	2088	2100	2550	1088	
	f	14	1618	899	1728	1684	2528	1082	
16.4	f	15	1648	552	2248	2278	2592	1098	
	f	16	1658	592	1182	1201	2618	1083	
	s	✓18	1648	768	1592	—	2610	1082	
	s	✓19	1648	972	2058	—	2631	1088	
16.6	f	17	1665	457	1942	1918	2568	1082	
	f	18	1670	468	2148	2187	2638	1092	
	f	19	1665	538	1178	1221	2628	1096	
	s	X20	1672	548	2288	—	2620	1082	
	f	20	1668	862	1622	1628	2610	1102	
	f	21	1668	920	1758	1808	2562	1092	
	f	22	1658	532	2288	2278	2548	1092	
	f	23	1658	1110	2128	2068	2610	1092	
16.8	f	24	1689	441	2302	2258	2641	1090	
	f	25	1681	754	2078	2062	2621	1100	
	s	✓24	1688	800	1468	—	2566	1088	
	f	26	1685	941	1808	1788	2562	1088	
	f	27	1686	945	2253	2228	2610	1092	
	f	28	1685	945	2215	2212	2588	1093	
	f	29	1679	1072	2310	2332	2615	1100	
	s	✓22	1685	1071	2242	—	2521	1100	
17.0	s	✓23	1710	448	2228	—	2620	1102	
	s	X24	1700	874	2299	—	2578	1098	
	f	30	1708	900	2328	2390	2618	1108	
	s	✓25	1701	1169	1672	—	2642	1106	
17.2	f	31	1727	442	1772	1860	2640	1108	

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1933phae.proj.1201M

Cl.-Dk.	Defl.-Dk.	Red Defl.
1422	127	89
1431	708	495
1450	700	482
1462	1006	688
1446	619	427
1494	1165	782
1535	109	71
1528	510	333
1543	970	628
1486	848	570
1546	1066	692
1532	104	68
1538	1200	781
1508	523	348
1470	691	464
1456	1131	779
1518	1006	666
1551	1190	768
1521	980	645
1478	380	258
1474	710	481
1518	1148	757
1495	1119	750
1515	1321	875
1421	1142	800
1518	1126	747
1480	1201	811
1510	1251	827
1536	566	368
1532	848	456

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M.M. — RB 2874 — August 20, 1933.

Strip	Class	Star	y	x	Defl.	Defl	Cl.	Dk.	Volt.
	f	32	1738	692	2290	2298	2662	1108	
	s	X 26	1728	712	2269	—	2632	1105	
	f	33	1728	793	2081	2078	2626	1102	
	f	34	1728	938	2232	2258	2608	1108	
17.4	f	35	1758	882	1902	1958	2642	1106	
	f	36	1750	890	2228	2262	2638	1112	
	s	✓ 27	1750	1182	1688	—	2612	1102	
	f	37	1736	1258	2282	2288	2622	1108	
	s	✓ 28	1740	1260	1650	—	2625	1105	
17.6	f	38	1758	381	2014	2048	2642	1113	
	s	X 29	1776	533	2188	—	2648	1110	
	f	39	1767	600	1969	2016	2651	1118	
	s	✓ 30	1758	702	1832	—	2628	1112	
	s	✓ 31	1772	842	1852	—	2612	1110	
	f	40	1762	928	1638	1572	2582	1112	
17.8	f	41	1782	512	1939	1932	2648	1123	
	f	42	1776	818	2109	2048	2612	1122	
	f	43	1782	869	2339	2358	2618	1117	
	f	44	1792	941	2162	2183	2616	1121	
18.0	f	45	1800	578	2208	2200	2628	1114	
	s	✓ 32	1800	568	1468	—	2625	1112	
	f	46	1810	620	1458	1412	2638	1108	
	f	47	1810	831	2188	2242	2582	1112	
	f	48	1810	938	2292	2362	2632	1118	
	f	49	1802	1038	2142	2170	2592	1117	
	s	X 33	1802	1155	2321	—	2612	1128	
	f	50	1806	1172	2158	2148	2608	1122	
	f	51	1810	1222	2102	2061	2618	1119	
	f	52	1803	1270	2378	2322	2600	1128	
18.2	f	53	1832	428	2262	2288	2618	1122	

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Cl.-Dk.	Defl.-Dk	Red. Defl.
1554	1186	763
1527	1164	762
1524	978	638
1500	1137	753
1536	824	538
1526.	1133	740
1510	586	387
1514	1177	778
1520	545	360
1529	918	600
1538	978	633
1533	872	570
1516	720	477
1502	742	492
1470	493	337
1515	813	538
1490	956	642
1501	1231	818
1495	1051	707
1514	1090	724
1513	356	236
1530	227	149
1470	1153	780
1514	1209	802
1475	1039	708
1484	1193	798
1486	1031	689
1499	963	647
1472	1222	831
1496	1153	777

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M. M. — RB 2874 — August 20, 1933

Strip	Class	Star	y	x	Defl.	Defl	Cl.	Dk.	Volt.
	f	54	1822	902	2158	22 30	2604	1118	
	s	✓34	1820	941	2278	—	2612	1122	
18.4	f	55	1853	445	2300	2390	2678	1128	
	s	✓35	1842	471	2218	—	2668	1124	
	s	✓36	1847	418	2042	—	2662	1128	
	s	✓37	1852	568	2142	—	2610	1122	
	s	✗38	1856	569	2191	—	2588	1128	
	f	56	1840	724	1922	1932	2633	1120	
	s	✓39	1842	791	2178	—	2680	1118	
18.6	f	57	1872	372	1868	1879	2628	1128	
	s	✓40	1875	500	1809		2678	1118	
	s	✓41	1861	701	2270	—	2634	1121	
	f	58	1860	777	2289	2345	2662	1138	
	f	59	1861	870	2250	2221	2682	1133	
	s	✓42	1872	902	1801	—	2608	1128	
	f	60	1878	1180	1922	1933	2610	1122	
	f	61	1861	1318	2252	2268	2518	1121	
18.8	s	✓43	1880	792	2082	—	2600	1130	
	f	62	1882	989	2325	2367	2631	1132	
	s	✓44	1890	1248	1702	—	2622	1130	

M. M. — RB 2874 — August 21, 1933

Repeat 18.8	s		1880	798	2022	—	2478	1108	5.18
	f	63	1882	991	2199	2188	2471	1112	
mm	s	✓45	1890	1248	1738	—	2438	1099	
19.0	s	✓46	1900	749	2192	—	2410	1108	
	f	64	1900	551	2188	2168	2432	1112	
	s	✓47	1910	570	1922	—	2458	1114	
	f	65	1906	1020	2248	2240	2432	1118	
	f	66	1914	1087	2010	2054	2398	1120	
19.2	s	✓48	1920	372	2018	—	2478	1118	

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1933phae.proj.1201M

α.-Dk.	Deff.-Dk.	Red. Deff.
1486	1076	720
1490	1056	708
1550	1117	718
1544	1094	708
1534	914	598
1488	1020	685
1460	1063	732
1513	807	532
1492	1060	712
1500	1746	498
1560	681	438
1513	1149	763
1524	1229	807
1549	1103	712
1480	673	455
1488	806	538
1497	1139	760
1470	952	647
1499	1214	809
1492	572	384
1370	914	668
1359	1082	802
1339	639	477
1302	1084	832
1320	1066	812
1344	808	600
1314	1126	854
1278	962	753
1360	900	663

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M.M. — RB 2874 — August 21, 1933.

Strip	Class	Star	g	x	Dcfl	Dcfl	Cl	Dk	Volt
	s	✓49	1936	672	1672	—	2438	1112	
	f	67	1928	742	2148	2066	2460	1122	
	s	✓50	1922	770	1772	—	2412	1115	
	f	68	1926	1192	2108	2079	2421	1119	
19.4	s	✓51	1950	599	1328	—	2458	1098	
	s	✓52	1940	914	1942	—	2522	1110	
	f	69	1950	928	2160	2238	2501	1101	
	s	✗53	1942	1108	2200	—	2488	1108	
	s	✓54	1943	1108	1568	—	2468	1105	
19.6	s	✓55	1972	378	1981	—	2435	1102	
	s	✓56	1968	380	2088	—	2449	1100	
	f	70	1972	488	1858	1880	2496	1102	
	f	71	1969	532	1475	1552	2498	1100	
	s	✓57	1964	619	1578	—	2481	1108	
	f	72	1968	636	1278	1281	2472	1101	
	f	73	1968	637	1379	1409	2474	1108	
	f	74	1968	681	1722	1805	2482	1110	
	s	✗58	1970	712	2158	—	2492	1112	
	s	✓59	1962	862	1930	—	2488	1114	
	s	✓60	1968	1179	1901	—	2462	1112	
19.8	s	✓61	1988	490	2069	—	2492	1108	
	f	75	1990	860	2061	2078	2464	1110	
	f	76	1983	1218	1995	1942	2462	1118	
20.0	f	77	2005	700	1688	1618	2460	1112	
	s	✓62	2002	915	1800	—	2458	1114	
	f	78	2010	1171	1938	2000	2398	1102	
	f	79	2015	1190	1608	1590	2432	1110	
	f	80	2014	1188	1592	1672	2435	1118	
	f	81	2018	1296	2099	2145	2422	1112	
	f	82	1995	1318	1838	1792	2408	1120	

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1933phae.proj.1211M

α - Dk	Defl.-Dk.	Red. Defl.
1326	560	423
1338	1032	772
1297	657	508
1302	975	748
1360	230	178
1412	832	590
1400	1098	784
1380	1092	788
1363	463	338
1333	879	658
1349	988	730
1394	761	552
1398	412	295
1373	470	342
1371	179	132
1366	286	209
1372	673	496
1380	1046	761
1374	816	595
1350	789	581
1384	961	695
1354	960	708
1344	850	631
1348	541	402
1344	686	508
1296	867	667
1322	489	368
1317	514	392
1310	1010	771
1288	695	538

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1933phae.proj.12m1M

M. M. — R B 2874 — August 21, 1933.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
		83	2010	1332	1722	1748	2438	1122	
		84	2010	1350	1932	1842	2472	1120	
20.2	A	63	2020	972	1872	—	2468	1123	
	A	64	2020	1200	1322	—	2449	1122	
		85	2038	1298	2178	2148	2422	1122	
20.4	A	65	2046	307	1658	—	2493	1122	
	A	66	2050	348	1793	—	2482	1122	
	A	67	2050	378	1852	—	2473	1122	
	A	68	2050	412	1653	—	2462	1122	
	A	69	2050	435	1718	—	2463	1122	
		86	2030	480	2221	2258	2458	1123	
		87	2051	807	2042	2062	2462	1124	
		88	2040	1049	1868	1863	2452	1123	
	A	70	2042	1063	2238	—	2463	1128	
20.6	A	71	2062	382	1372	—	2463	1112	
	A	72	2059	622	1923	—	2452	1113	
		89	2058	710	2083	2108	2442	1114	
		73	2061	921	1970	—	2418	1118	
		90	2068	968	2132	2162	2392	1113	
		91	2070	1038	2048	2023	2432	1118	
	A	74	2071	1257	1993	—	2403	1122	
20.8	A	75	2081	378	2028	—	2404	1123	
	A	76	2090	409	1342	—	2438	1122	
	A	77	2080	423	1902	—	2409	1108	
		92	2078	503	1618	1573	2411	1118	
		93	2080	621	1682	1794	2438	1121	
		94	2080	707	2208	2213	2450	1118	
	A	78	2090	778	2139	—	2442	1122	
		95	2080	807	2068	2098	2448	1122	
	A	79	2094	976	1724	—	2362	1123	

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Cl.-Dk.	Defl.-Dk	Red. Defl.
1316	613	466
1352	767	570
1345	719	556
1327	200	151
1300	1038	797
1311	536	408
1360	671	494
1351	730	542
1340	531	397
1341	596	444
1335	1117	834
1338	928	694
1329	743	558
1325	1110	837
1351	260	193
1339	810	607
1328	982	740
1300	852	657
1279	1034	808
1314	918	698
1278	871	683
1281	905	707
1316	220	167
1301	794	610
1293	478	370
1317	617	468
1332	1092	820
1320	1017	768
1286	961	746
1239	601	487

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XJP - RB 2874 - Aug. 21, 1933.

Trip	Class	Star	y	x	Dfl.	Dfl.	Cl.	Dk.	Volt
	v	X 80	2090	1027	2098	—	2428	1124	
	v	X 81	2090	1059	2092	—	2357	1122	
21.0	v	X 82	2101	519	2171	—	2388	1132	
	v	✓ 83	2109	542	1612	—	2400	1122	
	v	✓ 84	2108	884	1932	—	2373	1122	
21.2	v	X 85	2130	448	2178	—	2402	1128	
	v	X 86	2120	616	2153	—	2388	1122	
	v	✓ 87	2122	954	1882	—	2356	1123	
	v	✓ 88	2131	1187	1478	—	2387	1123	
	f	96	2139	1209	1690	1687	2362	1122	
	v	✓ 89	2117	1308	1788	—	2307	1120	
21.4	v	✓ 90	2152	498	1900	—	2492	1129	
	v	X 91	2157	842	2153	—	2467	1127	
	v	✓ 92	2140	922	2010	—	2438	1128	
	f	97	2150	1282	1985	2016	2438	1128	
21.6	f	98	2162	400	2122	2177	2478	1137	
	v	v 93	2170	584	2012	—	2458	1130	
	f	99	2168	777	1997	1978	2478	1138	
	f	100	2159	822	2162	2219	2448	1128	
	v	X 94	2159	906	2092	—	2442	1133	
21.8	v	X 95	2190	427	2062	—	2368	1132	
	f	101	2182	678	2122	2103	2392	1137	
	f	102	2179	1002	1878	1752	2382	1130	
	s	X 96	2190	1238	2109	—	2328	1128	
		m.							
22.0	s	✓ 97	2210	785	1858	—	2343	1112	
	f	103	2210	832	1866	1779	2378	1110	
	s	X 98	2200	1002	2212	—	2342	1115	
	s	✓ 99	2208	1250	1778	—	2370	1122	
22.2	f	104	2228	487	2249	2190	2411	1128	
	f	105	2219	509	2108	2158	2412	1123	

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cl. - Dk	Defl. - Dk	Red. Defl.
1304	974	720
1235	970	785
1256	1039	828
1278	490	386
1251	810	648
1274	1050	827
1261	1031	818
1233	759	615
1264	375	297
1240	568	458
1187	668	560
1269	777	610
1340	1026	768
1310	882	676
1310	869	652
1341	1011	753
1325	879	660
1340	820	612
1320	1062	806
1309	959	731
1236	930	752
1255	975	778
1252	685	547
1200	981	815
1231	746	608
1268	612	482
1227	1097	890
1248	656	527
1283	994	772
1289	1010	780

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m.m. — RB 2874 — August 21, 1933.

Trip	Class	Star	Cf	x	Defl.	Defl.	Cl.	Dk.	Volt
	f	106	2212	560	2142	2260	2411	1128	
	f	107	2228	752	1942	2001	2408	1119	
	f	108	2225	1158	1815	1882	2393	1121	
	s	✓100	2237	1232	1328	—	2358	1118	
	f	109	2225	1322	1912	1881	2362	1120	
22.4	s	X101	2255	428	2118	—	2328	1118	
	s	X102	2250	692 1036	2175	—	2391	1150	
	s	✓103	2248	~~956~~	1782	—	2412	1182	
	s	X104	2252	1012	2099	—	2358	1188	
(Repeats)		X/P-	RB	2874-	Aug. 22, 1933.				
22.4	s	✓105	2253	348	2078	—	2338	1222	020
	s	X106	2251	617	2068	—	2305	1222	
	s	✓107	2250	907	1747	—	2318	1220	
	s	✓108	2260	907	1738	—	2300	1217	
	s	X109	2253	1013	2020	—	2317	1218	
22.6	s	X110	2260	600	2058	—	2302	1216	
22.8	s	✓111	2280	392	1782	—	2303	1218	
	f	~~110~~	2278	738	2050	2058	2318	1218	
	s	X112	2290	774	2082	—	2312	1219	
	f	~~111~~	2281	909	1888	1848	2282	1222	
23.0	f	~~112~~	2318	746	2022	2043	2292	1218	
	s	✓113	2300	782	1828	—	2303	1210	
	f	~~113~~	2300	849	2108	2148	2303	1217	
	s	✓114	2318	912	1583	—	2288	1214	
23.4	f	~~114~~	2342	432	2140	2183	2312	1221	
	s	X115	2346	799	2100	—	2308	1222	
	f	~~115~~	2342	817	2082	2132	2307	1218	
	s	✓116	2352	1157	1743	—	2262	1212	
23.6	f	116	2362	009	1608	1640	2342	1218	
	f	117	2370	532	1749	1758	2310	1218	

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836

Q - Dk	Dafl - Dk.	Red Dafl
1283	1073	990
1289	853	662
1272	727	572
1240	240	169
1242	776	625
1210	1000	828
1241	1025	823
1230	600	587
1170	911	780
1116	856	767
1083	846	780
1098	527	483
1083	521	480
1099	802	730
1086	842	772
1090	569	520
1100	836	758
1093	863	790
1060	646	607
1074	814	757
1093	618	566
1086	936	859
1074	369	343
1091	941	870
1086	878	803
1089	889	810
1049	530	502
1124	406	360
1092	536	488

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NGP - RB 2874 - Aug. 22, 1933

Trip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volts.
	f	118	2372	562	2272	2197	2307	1218	
	s	117	2365	599	1692	—	2323	1221	
	s	118	2363	684	1770	—	2342	1218	
	s	119	2362	700	1652	—	2258	1214	
23.8	s	120	2379	468	1978	—	2313	1220	
	f	119	2390	738	1668	1696	2303	1218	
	f	120	2392	770	2065	2047	2318	1217	
	s	121	2400	787	2128	—	2318	1218	
24.0	s	122	2399	463	1909	—	2299	1219	
	f	121	2404	462	1840	1938	2292	1219	
	s	123	2404	568	2268	—	2313	1218	
	s	124	2400	788	2091	—	2291	1222	
	s	125	2398	1070	2189	—	2249	1218	
24.2	f	122	2424	518	1907	1997	2257	1220	
	s	126	2429	522	1888	—	2262	1217	
	s	127	2423	543	1857	—	2262	1212	
	s	128	2420	882	1878	—	2298	1219	
24.6	s	129	2462	630	1864	—	2292	1223	
	s	130	2457	737	1962	—	2288	1223	
	s	131	2470	770	1907	—	2252	1217	
25.0	f	123	2500	553	1922	1932	2293	1222	
	f	124	2511	792	1092	1638	2278	1222	
	s	132	2500	962	2092	—	2282	1222	
	s	133	2500	992	1773	—	2208	1218	
25.2	s	134	2529	888	1448	—	2229	1213	

Plate Finished

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Cl.-Dk	Defl.-Dk	Red. Defl.
1089	1066	974
1102	471	426
1124	552	490
1044	438	417
1093	758	691
1085	459	423
1001	839	835
1100	910	908
1080	690	638
1073	670	623
1095	1050	960
1069	869	810
1031	971	940
1037	732	710
1045	671	639
1050	645	614
1079	659	610
1069	641	600
1065	739	693
1035	690	668
1071	704	658
1056	390	370
1060	870	822
1040	555	532
1016	235	230

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1933phae.proj.1201M

M.M. — RB 3453 — Aug. 24, 1933

trip	Class	Star	y	x	Deff.	Deff.	Cl.	Dk.	Volt.
15.0	f	1	1510	692	1492	1500	2005	1188	5.20
15.2	s	1	1532	625	1652	—	2012	1192	
15.4	f	2	1542	889	1882	1912	2018	1188	
15.6	f	3	1562	879	1838	1812	2038	1182	
16.0	s	2	1608	979	1682	—	2014	1188	
	s	3	1618	1046	1478	—	2046	1182	
16.4	s	4	1657	1009	1850	—	2058	1192	
	s	5	1658	1022	1782	—	2040	1188	
16.6	f	4	1660	1060	1482	1432	1982	1186	
	s	6	1660	1099	1805	—	1938	1192	
16.8	s	7	1685	1154	1502	—	1925	1188	
17.0	s	8	1717	1118	1701	—	1942	1192	
	s	9	1712	1137	1628	—	1942	1193	
	s	10	1710	1140	1525	—	1938	1191	
17.2	f	11	1719	348	1640	—	1953	1190	
	f	5	1724	964	1582	1599	1989	1198	
	s	12	1731	1086	1742	—	1982	1194	
	s	13	1728	1141	1318	—	1971	1188	
	s	14	1719	1152	1382	—	1968	1196	
	s	15	1734	1162	1578	—	1969	1199	
17.4	s	16	1750	753	1688	—	1978	1194	
	s	17	1750	1072	1448	—	1988	1192	
	s	18	1758	1072	1318	—	1988	1200	
	s	19	1750	1108	1269	—	1972	1198	
	s	20	1750	1110	1588	—	1958	1206	
	s	21	1750	1160	1308	—	1968	1198	
17.6	s	22	1768	1038	1748	—	1942	1200	
	s	23	1778	1078	1705	—	1938	1198	
	s	24	1770	1110	1782	—	1982	1197	
	s	25	1765	1132	1568	—	1968	1192	

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1933phae.proj.1201M

Cl.-Dk.	Defl-Dk	Red. Defl.
817	308	377
820	460	561
830	709	852
856	643	752
826	494	598
864	396	456
866	658	760
852	594	698
796	251	313
746	613	822
737	314	425
750	509	678
749	435	578
747	334	447
763	450	591
791	392	494
788	548	697
783	130	166
772	186	242
770	319	414
784	494	628
796	256	321
788	118	149
774	71	92
752	382	508
770	110	143
742	548	739
740	507	684
785	585	748
776	176	228

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1933phae.proj.12011M

M. M. — RB 3453 — Aug. 24, 1933.

Strip	Class	Star	y	x	Dpfl.	Dpfl.	Cl.	Dk.	volt.
17.8	s	26	1788	1060	1568	—	1978	1192	
	s	27	1780	1110	1748	—	1966	1208	
	s	28	1787	1110	1778	—	1932	1198	
18.0	s	29	1816	1092	1456	—	1978	1194	
18.2	s	30	1838	291	1501	—	1990	1192	
18.4	s	31	1853	291	1362	—	2010	1198	—
	s	32	1840	908	1552	—	1978	1200	
	s	33	1840	1143	1709	—	1962	1202	
18.6	s	34	1875	1220	1858	—	1981	1200	
18.8	s	35	1898	542	1822	—	2012	1208	
	s	36	1881	1296	1662	—	1998	1205	
19.0	s	37	1900	310	1352	—	2042	1201	
	s	38	1912	310	1537	—	2036	1204	
	s	39	1898	542	1820	—	2038	1208	
	s	40	1902	912	1550	—	1988	1208	
	f	6	1916	988	1800	1788	1998	1206	
19.2	f	7	1930	440	1701	1620	2002	1206	
	s	41	1938	749	1510	—	2018	1201	
	s	42	1922	1060	1572	—	1992	1206	
19.4	s	43	1942	734	1668	—	2002	1200	
	f	8	1955	938	1578	1535	2000	1206	
	s	44	1950	972	1791	—	2011	1210	
19.6	s	45	1960	250	1581	—	2052	1200	
	s	46	1975	458	1550	—	2022	1198	
	f	9	1960	925	1778	1818	2008	1198	
19.8	s	47	1998	1262	1808	—	1982	1200	
20.0	s	48	2008	432	1482	—	2032	1198	
	f	10	2008	1291	1821	1848	2026	1208	
20.2		47	2022	347	1598	—	2038	1206	
		X	2022	388	1864	—	2056	1200	

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1933phae.proj.1201M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
786	376	478
758	540	710
734	580	789
783	262	334
798	309	386
812	164	203
718	352	451
760	507	668
781	658	841
804	614	757
793	457	578
841	151	179
832	333	400
830	612	735
780	342	440
792	588	740
796	454	570
817	309	380
786	366	464
802	468	582
704	300	426
801	581	722
852	381	445
824	352	425
810	600	740
782	608	775
834	384	464
818	626	767
832	392	470
856	664	777

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M.M. — RB. 3453 — Aug. 24, 1933.

Strip	Class	Star	y	x	Dfl.	Dfl.	Cl.	Dk	volt.
20.4	f	11	2050	630	1581	1642	2010	1198	
	s	49	2042	1178	1578	—	1988	1205	
	s	50	2040	1292	1692	—	2008	1208	
20.6	s	51	2065	478	1468	—	2028	1202	
	f	12	2068	712	1718	1788	2032	1202	
20.8	f	13	2085	560	1768	1818	2068	1208	
21.0	f	14	2108	1189	1768	1782	2010	1206	
	f	15	2110	1190	1816	1768	2008	1210	2
21.2	f	16	2122	816	1862	1845	2009	1218	2
21.4	s	52	2150	481	1822	—	2048	1216	2
	s	53	2152	1228	1497	—	2012	1210	2
21.6	s	54	2158	650	1736	—	2018	1208	2
22.0	s	55	2200	308	1668	—	2038	1200	2
22.2	s	56	2230	417	1692	—	2042	1208	2
	f	17	2221	750	1448	1432	2020	1210	
22.4	s	57	2258	378	1822	—	2028	1208	
22.6	s	58	2267	617	1742	—	2018	1202	
	f	18	2260	861	1702	1672	2008	1218	
22.8	f	19	2277	741	1632	1698	2012	1214	
	s		2292	829	1632	—	1998	1210	
	f	20	2278	1142	1658	1612	1972	1202	
23.2	f	21	2335	378	1808	1848	2008	1208	
23.4	s	59	2348	320	1378	—	2038	1202	
	s	60	2340	347	1352	—	2042	1200	
23.6	s	61	2370	576	1792	—	2012	1208	
	s	62	2368	672	1842	—	2018	1204	
	f	22	2377	832	1628	—	2038	1216	
	f	23	2360	962	1770	1808	2028	1205	
	s	63	2372	994	1582	—	2008	1210	
23.8	f	24	2396	1122	1778	1728	2016	1208	

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1933phae.proj..1211M

Cl. – Dk.	Defl. – Dk.	Red. Defl.
812	414	510
783	373	474
800	484	602
826	266	322
830	551	664
860	585	680
804	569	705
788	584	740
791	636	802
832	606	728
802	287	369
810	528	651
838	466	557
834	484	580
810	230	283
820	614	750
816	540	662
790	469	592
798	451	566
788	422	536
770	433	562
800	620	773
836	176	211
842	152	181
804	584	727
814	638	792
822	412	500
820	581	708
798	372	466
808	545	675

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m.m. — RB 3453 — Aug. 24, 1933.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
24.2	s	64	2438	410	1800	—	1999	1214	
	s	65	2428	606	1768	—	2032	1202	
24.4	f.	25	2468	528	1838	1810	2014	1208	
25.6	s	66	2567	678	1620	—	2012	1206	
	f	26	2560	841	1532	1550	2022	1218	

Plate finished

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1933phae.proj.12:1M

Cl.–Dk	Deff.–Dk.	Red Deff.
785	586	748
830	566	680
806	616	715
806	414	513
804	323	401

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1933phae.proj.12m1M

M. M. – RB 3099 – August 25, 1933.

Stig	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	walk
15.0	A	1	1509	720	1556	—	1782	1172	
	a	2	1510	840	1592	—	1768	1178	
	a	3	1500	898	1562	—	1762	1172	
	outside circle		1518	1092	1452	—	1748	1176	
15.2	f	4	1530	561	1522	1542	1792	1162	
15.6	a	4	1578	603	1412	—	1788	1178	
16.0	f	2	1578	692	1651	1678	1787	1172	
	a	5	1604	534	1692	—	1798	1170	
	f	3	1614	641	1201	1208	1796	1179	
16.2	f	4	1632	1027	1508	1498	1782	1178	
16.4	f	5	1648	480	1682	1663	1802	1181	
	f	6	1650	521	1661	1663	1818	1178	
	f	7	1640	651	1399	1405	1768	1168	
	f	8	1642	730	1612	1592	1772	1178	
	a	6	1650	832	1650	—	1778	1162	
16.6	f	9	1660	538	1618	1636	1808	1168	
17.0	a	7	1703	492	1518	—	1812	1172	
17.4	f	10	1749	378	1738	1726	1838	1178	
17.6	f	11	1768	334	1615	1632	1848	1182	
17.8	f	12	1788	685	1650	1672	1832	1188	
	a	8	1788	1162	1568	—	1752	1186	
18.0	f	13	1810	372	1478	1482	1826	1181	
	a	9	1802	436	1740	—	1802	1178	
	f	14	1808	1222	1809	1742	1762	1188	
18.2	f	15	1822	602	1428	1450	1828	1182	
	f	16	1824	801	1562	1578	1832	1186	
	f	17	1836	920	1625	1618	1802	1181	

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1933phae.proj.12:1M

Q.-Dk.	Deff.-Dk.	Red. Deff.
610	384	630
590	414	703
590	390	661
572	276	483
630	370	587
610	234	385
615	492	799
628	522	830
617	25	41
604	325	538
621	491	790
640	484	756
600	234	390
594	324	545
616	488	791
640	459	716
640	346	540
660	554	840
666	442	662
644	473	732
566	382	674
645	299	463
624	562	900
574	588	1026
646	277	430
646	384	594
621	441	707

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1933phae.proj.12m1M

M. M. - RB 3094 - Aug. 26, 1933.

Strip	Stars	Star	y	x	Defl.	Defl.	Cl.	Dk.	Wolf
repeat									
18.2	f	18	1821	602	1418	1432	1838	1172	~
	f	19	1824	799	1528	1526	1808	1176	~
	f	20	1836	920	1618	1620	1772	1169	~
18.4	f	21	1840	532	1685	1722	1832	1166	~
	s	10	1844	691	1668	—	1798	1178	~
	f	22	1851	1113	1588	1592	1792	1176	~
18.6	s	11	1870	512	1440	—	1848	1168	~
	f	23	1868	591	1512	1528	1836	1162	~
	s	12	1863	800	1622	—	1808	1176	~
18.8	s	13	1889	852	1338	—	1798	1181	
19.0	s	14	1910	298	1681	—	1848	1172	
	s	15	1900	782	1668	—	1822	1168	
	f	24	1900	1182	1451	1512	1768	1173	
19.2	s	16	1919	435	1628	—	1847	1178	
	s	17	1928	479	1638	—	1838	1172	
	s	18	1932	649	1656	—	1826	1178	
	f	25	1925	948	1548	1533	1798	1172	
	s	19	1925	1028	1568	—	1778	1178	
	s	20	1926	1028	1610	—	1788	1181	
	s	21	1925	1042	1412	—	1768	1172	
19.4	f	26	1938	277	1632	1642	1838	1181	
	s	22	1946	888	1658	—	1812	1188	
	f	27	1949	942	1448	1424	1808	1178	
	f	28	1939	977	1412	1432	1778	1172	
19.6	f	29	1972	767	1692	1712	1828	1188	
	s	23	1958	772	1702	—	1832	1178	
19.8	s	24	1980	280	1598	—	1858	1181	
	f	30	1982	468	1605	1650	1868	1178	
	s	25	1982	567	1598	—	1858	1180	
	s	26	1998	620	1632	—	1842	1188	

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1933phae.proj.12:1M

Cl-DR	Defl.-Dk.	Red. Defl.
666	253	379
632	351	555
603	450	747
666	538	810
626	490	791
596	414	695
680	272	400
674	358	531
632	446	705
617	157	255
676	509	703
654	500	765
595	309	520
669	450	672
666	466	700
648	478	739
626	368	589
600	390	650
607	429	707
596	240	403
657	456	694
624	470	753
630	258	410
606	250	413
640	514	803
654	524	801
677	417	616
690	450	652
678	418	618
654	444	680

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1933phae.proj.12M1M

M. M. — RB 3099 — August 26, 1933.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
	f	31	1982	1209	1208	1238	1828	1188	
20.0	s	27	2000	620	1592	—	1852	1181	
	s	28	2002	658	1712	—	1854	1178	
20.2	s	29	2028	471	1443	—	1862	1188	
	f	32	2025	523	1621	1658	1862	1175	
	f	33	2038	570	1684	1750	1872	1181	
	f	34	2032	581	1692	1742	1851	1188	
	f	35	2030	1096	1508	1532	1788	1190	
	s	30	2035	1260	1768	—	1768	1188	
20.4	f	36	2056	232	1588	1574	1878	1192	
	f	37	2043	490	1732	1721	1850	1187	
	s	31	2050	503	1622	—	1878	1191	
	f	38	2050	612	1668	1705	1858	1196	
	s	32	2040	1240	1356	—	1788	1178	
20.6	s	33	2060	372	1658	—	1864	1182	
	f	39	2071	948	1702	1712	1832	1188	
	f	40	2068	1048	1662	1708	1798	1190	
20.8	f	41	2098	282	1702	1732	1898	1192	
21.0	s	34	2102	253	1308	—	1902	1196	
	s	35	2110	488	1198	—	1832	1190	
	f	42	2112	1067	1682	1728	1852	1198	
	s	36	2108	1241	1608	—	1792	1191	
	f	43	2108	1257	1496	1500	1778	1188	
21.2	s	37	2122	426	1661	—	1866	1196	
	f	44	2120	448	1723	1720	1898	1188	
	s	38	2138	471	1392	—	1861	1199	
double?	f	45	2138	580	1423	1430	1880	1192	
	f	46	2132	889	1525	1538	1843	1198	
21.4	f	47	2142	278	1292	1288	1921	1196	
	f	48	2152	832	1552	1588	1868	1194	

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1933phae.proj.12:1M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
1640	42	66
1671	411	612
1676	534	790
674	255	388
687	465	678
691	536	778
663	529	797
598	330	553
580	580	1000
686	389	567
663	539	812
687	431	629
682	590	892
610	178	292
682	476	698
644	519	806
608	495	816
706	525	743
706	112	159
642	08	12
654	507	775
601	417	693
590	310	526
670	465	694
710	534	752
662	193	292
688	234	341
645	334	519
725	94	130
674	376	507

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1933phae.proj.1201M

M. M. — RB. 3099 — Aug. 25, 1933.

Strip	Class	Star	y	x	Deff.	Diff.	Cl.	Dk. volt
	f	49 f	2152	1158	1632	1632	1832	1188
21.6	f	50 f	2170	509	1402	1418	1858	1196
	s	39	2163	1041	1548	—	1822	1198
21.8	f	51	2192	670	1292	1308	1862	1191
	f	52	2190	731	1273	1298	1856	1192
	f	53	2192	748	1708	1718	1893	1198
	s	40	2190	942	1238	—	1858	1200
22.0	f	54	2200	882	1422	1432	1856	1198
22.2	s	41	2228	1025 945	1418	—	1858	1202
	f	55	2226	1038	1668	1728	1848	1196
22.4	s	42	2253	792	1591	—	1868	1198
	f	56	2250	1082	1505	1500	1832	1200
22.6	s	43	2268	1102	1253	—	1821	1200
22.8	f	57	2290	710	1712	1743	1862	1200
23.0	f	58	2303	448	1750	1778	1905	1206
	f	59	2309	718	1609	1688	1886	1202
	f	60	2302	728	1615	1638	1848	1199
23.2	f	61	2338	375	1238	1246	1905	1200
23.4	f	62	2349	630	1750	1688	1878	1200
	f	63	2350	718	1300	1292	1871	1196
	s	44	2340	791	1618	—	1870	1193
	f	64	2350	629	1710	1700	1868	1191
	s	45	2342	990	1640	—	1876	1200
23.6	s	46	2376	394	1406	—	1908	1203
	s	47	2372	870	1558	—	1878	1198
	f	65	2374	910	1530	1550	1888	1200
23.8	f	66	2394	871	1641	1650	1898	1200
	s	48	2396	878	1550	—	1868	1198
	f	67	2388	928	1575	1650	1888	1202
24.0	s	49	2419	902	1588	—	1883	1200

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1933phae.proj.1291M

Cl.-Dk.	Deff.-Dk.	Red. Deff.
644	444	690
662	214	323
624	350	561
671	109	163
664	94	142
695	515	741
658	38	58
658	229	348
656	216	319
652	502	770
670	393	586
632	302	476
621	53	853
662	528	799
699	558	800
684	446	652
649	427	659
705	42	60
678	519	766
675	~~1296~~ 100	148
677	425	629
678	595	880
676	440	652
705	203	290
680	360	529
688	340	495
698	446	689
670	352	525
686	310	452
683	388	568

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1933phae.proj.1201M

M M — RB3099 — Aug 26, 1933

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
	s	50	2425	1060	1288	—	1856	1196
24.4	f	68	2456	468	1700	1705	1892	1201
	s	51	2440	618	1500	—	1878	1203
24.6	f	69	2470	642	1537	1596	1858	1196
	f	70	2476	840	1581	1632	1878	1202
25.0	f	71	2497	830	1682	1718	1886	1198
	s	52	2502	767	1618	—	1868	1202
	f	72	2512	801	1568	1602	1872	1199
25.2	f	73	2529	813	1628	1678	1867	1202
	f	53	2532	861	1550	—	1871	1204
25.4	s	53	2540	880	1708	1768	1881	1201

Plate Finished

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1933phae.proj.1201M

Cl.-Dk	Defl.-Dk.	Red. Defl.
660	92	140
691	571	818
675	297	440
662	378	570
676	404	598
688	502	731
666	416	625
673	386	573
665	451	679
667	346	520
680	537	789

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1933phae.proj.1201M

m.m. – RB 2879 – Aug. 28, 1933.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk volt.
15.0	s		1498	660	1918	—	2048	1378

m.m. – RB 2879 – Aug. 28, 1933.

15.0	s	1498	728	2199	—		2388	1320
	2 s	1508	900	2205	—		2392	1331
	s	1 3	1499	950	2178	—	2398	1322
15.2	f		1532	784	2210	2199	2388	1331
	f		1528	932	2138	2182	2410	1322
	s	4	1535	1068	2181	—	2407	1321
	s	5	1558	593.	1690	—	2358	1330
	s	6	1558	650	2188	—	2362	1323
15.6	f	star omitted because another too near it to measure accurately	1560	551	2178	2162	2360	1331
	s	7	1570	962	2241	—	2418	1328
15.8	f		1591	505	1942	1921	2381	1322
16.0	s	8	1610	692	2081	—	2392	1330
	f		1605	789	1858	1922	2381	1322
	f		1603	850	2169	2162	2401	1331
	f		1600	902	2215	~~2410~~	2410	1330
	s	9	1615	1072	1958	—	2428	1328
	s	10	1617	1145	2190	—	2422	1331
	f	outside circle	1610	1392	2281	2242	2424	1332
16.2	s	11	1625	608	2058	—	2381	1322
	s	12 ?	1630	850	1982	—	2398	1318
	s	13	1620	868	~~1846~~	—	2398	1342
	s	14	1635	872	1841	—	2358	1331
	s	15	1632	872	1822	—	2378	1338
Repeat		m.m. – RB 2879 – Sept. 2, 1933.						
16.2	s	16	1625	636	1958	—	2242	1200
	f		1622	843	1832	1838	2262	1202

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1933phae.proj.1201M

Obs. - Calc.	Refl. - Calc.	Red. Refl.
1068	879	823
1061	874	824
1076	856	798
1057	874	830
1088	838	770
1086	860	791
1028	360	350
1039	865	833
1029	839	815
1090	913	839
1059	610	576
1062	751	707
1059	568	537
1070	835	781
1080	885	819
1100	630	573
1091	859	778
1092	929	851
1059	736	696
1080	664	615
1056	506	480
1027	510	497
1040	484	465
1042	758	727
1060	628	591

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1933phae.proj.1201M

m.m. — RB 2879 — Sept. 2, 1933.

Strip	Class.	Star.	y.	x.	Defl.	Defl.	Cl.	Dk. volt.
	s	17	1625	892	1662	—	2261	1198
	s	18	1637	900	1692	—	2258	1190
	f		1632	872	1798	1832	2278	1198
	s	19	1632	900	1661	—	2281	1188
16.4	s	20	1640	588	1748	—	2242	1200
	s	21	1650	1122	2042	—	2288	1198
16.6	s	22	1676	1050	1688	—	2299	1200
	f		1670	1200	1772	1798	2327	1205
16.8	s	23	1683	650	1900	—	2328	1200
	s	24	1688	658	2098	—	2308	1200
	f		1682	836	2150	2122	2312	1203
	f		1692	1188	2178	2148	2342	1192
17.0	s	25	1712	682	2102	—	2262	1197
	f		1708	738	1962	1943	2258	1201
	f		1712	925	2138	2112	2296	1200
	f		1712	990	1715	1762	2278	1208
17.2	f		1728	940	2022	2010	2252	1202
	s	26	1728	448	2069	—	2243	1208
	s	27	1725	675	2118	—	2268	1206
	f		1718	680	2050	2048	2250	1208
	s	28	1725	920	1932	—	2238	1206
	s	29	1731	1002	1932	—	2320	1210
17.4	s	30	1750	612	1724	—	2278	1208
	s	31	1742	792	1572	—	2301	1200
17.6	f		1760	1250	2000	2079	2248	1208
	s	32	1765	856	2142	—	2278	1200
17.8	s	33	1792	528	2008	—	2258	1212
	f		1785	578	2042	2018	2272	1210
	s	34	1782	832	1818	—	2291	1206
	s	35	1792	952	1691	—	2291	1208

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1933phae.proj.1201M

α.-Dk.	Decl.-Dk.	Red. Decl.
1063	464	435
1068	502	470
1080	617	570
1093	473	434
1042	548	525
1090	844	775
1099	488	445
1122	580 ~~700~~	517
1128	700 ~~98~~	620
1108	898	810
1109	933	842
1150	971	847
1065	905	850
1057	752	714
1096	925	846
1070	531	498
1050	809	770
1035	861	832
1062	912	859
1042	841	807
1032	726	705
1110	722	650
1070	516	482
1101	372	338
1040	832	800
1078	942	877
1046	796	760
1062	820	771
1085	612	565
1083	483	445

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1933phae.proj.1201M

M. M. — RB 2879 — Sept. 2, 1933.

Strip.	Class.	Star.	y.	x.	Defl.	Defl.	Cl.	Dk.	Volt.	a
	f		1789	982	1770	1738	2210	1208		
	f		1779	1222	1881	1822	2250	1202		
18.0	s	36	1802	488	2065	—	2246	1212		
	s	37	1802	818	1838	—	2218	1210		
	s	38	1804	862	2000	—	2288	1212		
	s	39	1808	1300	2068	—	2341	1210		
18.2	f		1821	348	2058	2038	2288	1212		
	f		1820	350	2058	2002	2252	1210		
	f		1820	712	1992	1948	2268	1218		
	s	40	1825	798	2018	—	2272	1220		
	f		1832	965	1918	1912	2288	1212		
	s	41	1835	1120	1565	—	2298	1208		
18.4	f		1850	460	1878	1876	2258	1212		
	f		1850	470	2042	2020	2268	1202		
	s	42	1858	500	1750	—	2208	1208		
	s	43	1850	592	1950	—	2278	1212		
	f		1842	1102	2148	2130	2331	1220		
	f	44	1840	1290	1871	—	2338	1218		
18.6	f	45	1862	340	2002	—	2268	1209		
	f		1868	493	1918	1852	2256	1218		
	s	46	1868	642	1880	—	2278	1212		
	s	47	1878	890	1768	—	2285	1218		
	f		1876	890	1618	1668	2268	1212		
	f		1860	970	861	842	2290	1212		
	s	48	1860	1375	2098	—	2355	1210		
18.8	f		1890	958	2028	1982	2360	1216		
	f		1888	1000	1800	1768	2312	1212		
	f		1892	1098	1850	1822	2318	1210		
19.0	s	49	1900	700	1688	—	2288	1212		
	f		1910	750	2118	2088	2310	1210		

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1933phae.proj.1201M

Cl. – Dk.	Neff. – Dk.	Red. Neff.	magn.
1002	546	545	
1048	650	620	
1034	853	828	
1058	628	595	
1076	788	733	
1131	858	757	
1076	836	778	
1042	820	787	
1050	752	717	
1052	798	758	
1076	703	656	
1090	357	328	
1046	665	638	
1066	829	775	
1000	542	542	
1066	738	691	
1111	919	827	
1120	653	584	
1059	793	760	
1038	667 ~~700~~	644	
1066	668	675	
1067	550	514	
1056	431	409	
1078	—	—	
1145	888	775	
1144	789	689	
1100	572	520	
1108	626	565	
1076	476	443	
1100	893	812	

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1933phae.proj.1201M

M. M. — RB 2879 — Sept. 2, 1933,

Ship	Class	Star	y	x	Dyfl.	Dyfl.	Cl.	Dk.
19.2	f		1918	382	1832	1821	2268	1212
	f		1900	593	2042	2028	2260	1210
	s	50	1932	392	1738	—	2248	1212
	s	51	1925	408	1792	—	2242	1208
	s	52	1928	542	2025	—	2241	1206
	f		1925	562	1832	1768	2258	1200
	f		1927	567	1700	1672	2260	1208
	s	53	1922	572	2008	—	2275	1212
	s	54	1928	588	1962	—	2282	1202
	s	55	1922	592	1898	—	2278	1218
	s	56	1925	1351	2088	—	2362	1222
19.4	f		1948	315	1938	1872	2281	1218
	f		1945	588	2058	2078	2297	1220
	s	57	1948	700	2009	—	2288	1216
	f		1950	722	2108	2078	2299	1218
	f		1940	1365	2048	2036	2350	1221
19.6	f		1969	488	2038	2022	2268	1212
	f		1978	620	1722	1673	2265	1220
	s	58	1972	682	2048	—	2278	1212
	s	59	1968	702	1862	—	2268	1218
	f		1975	857	2008	1908	2288	1221
19.8	s	60	1989	728	1762	—	2242	1218
	f		1978	745	2091	2052	2290	1212
	s	61	1982	1003	1762	—	2312	1209
	f		1990	1032	1948	1938	2310	1216
	s	62	1995	1402	2058	—	2368	1220
20.0	s	63	2017	358	1908	—	2258	1216
	s	64	2009	389	2069	—	2238	1221
	f		2014	728	1878	1853	2278	1220

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1933phae.proj.1201M

cl.-Dk.	Deff.-Dk.	Red. Deff.	Magn.
1056	614	585	
1050	825	787	
1036	526	509	
1034	584	566	
1035	799	773	
1058	532	505	
1052	468	445	
1063	796	749	
1080	760	704	
1060	680	643	
1140	866	760	
1063	687	646	
1077	848	789	
1072	793	741	
1081	875	809	
1129	821	729	
1056	808	767	
1045	478	457	
1066	836	785	
1050	644	614	
1067	737	689	
1024	544	530	
1078	860	801	
1103	553	500	
1094	727	667	
1148	838	730	
1042	692	664	
1017	848	836	
1058	646	612	

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1933phae.proj.1201M

M.M. — R B 2879 — Sept. 2, 1933.

Stup	Class	Star	y	x	Deff.	Deff.	Cl.	Dk.	volt.

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1933phae.proj.1201M

α.-Dk. Daff.-Dk.

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1933phae.proj.1201M

Strip	Class	Star	y	x	Defl.	Defl.	d.	Dk. volt.

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1933phae.proj.1291M

Cl.—Dk. Deff.-Dk.

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1933phae.proj.1201M

m. m - RB2909 - Jan. 27, 1903

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
14.8	f	*	1480	888	1040	918	1282	462	
15.0	v		1518	960	962	—	1308	462	
15.4	f		1550	952	898	918	1292	458	
15.6	f		1570	608	972	978	1358	468	
	f		1558	575	1068	1100	1332	458	
	f		1562	770	818	938	1312	460	
	v		1570	1140	1070	~~12~~	1298	458	
15.8	f		1578	575	1178	1142	1342	462	
16.2	f		1620	572	1071	1081	1312	462	
16.6	f		1670	482	908	1098	1310	452	
	v		1660	528	938	~~73~~	1338	458	
	f		1662	708	782	842	1308	461	
	v		1680	790	1038	—	1318	462	
	v		1680	1190	1040	—	1322	458	
17.0	f		1700	459	800	852	1348	452	
	v		1702	908	968	—	1322	460	
	f		1700	1060	1091	1182	1338	452	
	v		1702	~~1090~~ 1300	~~891~~	—	1312	452	
17.2	v		1720	472	732	—	1302	440	
	f		1708	798	1010	1032	1328	452	
	v		1740	1208	818	—	1292	448	
	v		1708	1262	1078	—	1332	456	
17.6	v		1760	1260	1052	—	1308	452	
17.8	v		1790	868	940	—	1310	458	
	f		1785	1252	1068	1108	1315	452	
18.0	v		1818	950	960	—	1350	450	
	f		1802	1132	932	1058	1328	452	
	v		1815	1158	930	—	1272	448	
18.2	f		1828	3.68	622	620	1322	450	
	v		1820	462	928	—	1312	450	

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1933phae.proj.1291M

cl.-Dk.	Defl.-Dk.	Red. Defl.	Magn.
820	517	631	
846	500	591	
834	450	540	
890	507	570	
874	621	711	
852	418	490	
840	612	729	
880	698	793	
850	614	722	
858	576	671	
880	480	545	
847	351	415	
856	576	673	
864	482	558	
896	374	417	
862	508	589	
886	684	772	
860	379	440	
862	292	339	
876	569	650	
844	370	439	
876	622	711	
856	600	701	
860	490	570	
853	636	745	
900	510	567	
876	543	620	
824	487	590	
882	181	205	
862	478	555	

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1933phae.proj.1201M

M. M – RB 2909 – Jan. 27, 1934

strip	Class	Star	y	x	Dyll.	Dyll.	Cl.	Dk.	wolf.
			1838	820	958	1025	1342	451	
			1820	1215	948	—	1328	461	
			1818	1290	958	971	1338	452	
18.4			1805	948	922	—	1332	450	
			1840	722	932	942	1353	450	
			1855	930	1132	1072	1322	448	
			1840	1115	1010	—	1323	448	
			1840	1178	1012	—	1328	442	
			1838	1205	822	948	1298	440	
18.6			1868	692	698	—	1318	456	
			1868	912	902	910	1328	445	
			1858	918	1012	1072	1318	442	
			1870	1100	1051	—	1320	448	
			1865	1220	992	1048	1310	442	
			1862	1222	1112	1128	1310	440	
			1860	1335	790	807	1302	442	
18.8			1890	630	910	—	1328	440	
19.0			1917	358	549	478	1323	438	
			1905	408	958	—	1338	448	
			1900	490	650	—	1362	448	
			1902	1198	978	982	1310	448	
			1910	1328	948	—	1300	450	
			1910	1332	872	—	1288	448	
19.2			1925	735 742	978	978	1322	448	
			1930	~~1069~~	1070	—	1338	448	
			1928	860	902	—	1328	448	
			1918	1360	662	—	1352	407	
19.4			1955	418	962	920	1310	400	
			1940	1140	998	1010	1312	448	
19.6			1965	1046	990	972	1328	450	

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1933phae.proj.1211M

Cl.-Dk	Defl.-Dk.	Red. Defl.	Magn.
891	540	606	
867	487	561	
886	512	579	
882	472	535	
903	487	540	
874	654	749	
874	562	644	
886	570	644	
858	445	519	
862	242	281	
883	461	522	
876	600	685	
872	603	691	
868	563	649	
870	680	781	
860	378	440	
888	470	529	
885	75	85	
890	510	573	
914	202	221	
862	532	617	
850	498	585	
840	424	505	
874	530	606	
890	622	700	
880	454	515	
902	212	235	
860	491	571	
864	556	644	
878	531	605	

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1933phae.proj.1201M

M. M. – CB. 2909 – Jan. 27, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
	f		1962	1155	972	1032	1302	442	
	f		1962	1162	1110	1180	1322	442	
	s		1978	1168	1112	⤻	1332	448	
	s		1977	1178	542	⤻	1342	448	
20.0	s		2005	792	900	⤻	1328	460	
	f		2010	970	940	940	1342	452	
	s		2010	1130	1118	⤻	1338	450	
	f		2002	1280	728	870	1352	451	
	f		2005	1392	982	1072	1302	451	
	f		2006	1402	560	600	1332	432	
20.2	s		2015	850	1081	⤻	1352	442	
	s		2025	800	1058	⤻	1342	448	
	f		2020	918	1082	1178	1330	442	
	s		2020	1208	1022	⤻	1340	448	
20.6	f		2075	960	900	962	1320	450	
20.8	f		2090	426	798	718	1328	445	
	s		2092	692	1032	⤻	1262	438	
	s		2098	920	989	⤻	1338	432	
	s		2092	1330	812	⤻	1318	440	
21.0	s		2100	448	632	⤻	1302	438	
	f		2110	478	981	1072	1322	442	
	s		2112	578	932	⤻	1338	450	
21.2	s		2120	1060	1122	⤻	1362	448	
	s		2125	1368	998	—	1328	448	
21.4	s		2138	348	692	—	1332	442	
	s		2122	1308	980	—	1370	450	
21.6	f		2170	410	972	938	1328	440	
	s		2160	708	948	—	1322	432	
	f		2156	1308	940	1072	1342	440	
21.8	f		2189	692	931	1060	1320	432	

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1933phae.proj.1201M

α.-Dk.	Deff-Dk	Red. Deff.	Magn.
860	560	651	
880	703	799	
884	664	751	
894	94	105	
868	440	507	
890	488	549	
888	668	752	
901	348	386	
851	576	677	
900	98	109	
910	639	702	
894	610	682	
893	688	770	
892	574	644	
870	481	553	
883	313	354	
824	594	721	
906	557	615	
878	372	424	
864	194	224	
880	584	664	
888	482	543	
914	674	737	
880	550	625	
890	250	281	
926	530	576	
888	515	580	
890	516	580	
902	566	627	
888	563	634	

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1933phae.proj.1201M

m. m - RB 2909 - Jan. 27, 1904.

Strip	Class	Star	y	x	Dpfl. 962	Dpfl.	Cl.	Pr. Volt.
22.0	f		2215	642	~~1020~~	882	1292	430
	o		2210	810	972	—	1328	432
	f		2202	1142	968	1058	1358	420
22.2	o		2222	385	1052	—	1332	432
	f		2238	510	958	1028	1302	421
22.6	o		2260	421	918	—	1292	428
	o		2270	510	892	—	1318	424
	x		2270	1088	921	—	1338	420
	x		2270	1125	798	—	1340	420
22.8	x		2288	506	772	—	1312	42
23.0	x		2302	522	972	—	1282	42
	x		2302	610	1082	—	1348	428
23.2	x		2322	622	1098	—	1210	448
	f		2322	782	690	738	1352	438
	f		2342	638	1102	1088	1362	428
23.6	f		2370	735	1020	1142	1352	408
	x		2368	982	878	—	1300	428
23.8	x		2382	478	1172	—	1322	458
	f		2382	875	862	988	1348	428
	f		2390	912	882	899	1342	428
	f		2380	918	1082	692	1332	452
	x		2380	928	868	—	1342	428
	f		2380	928	818	1102	1328	428
	f		2378	998	1042	1032	1342	432
	f		2390	1102	1058	958	1328	428
	f		2382	1132	1088	1172	1360	440
24.0	f		2410	548	508	500	1312	432
	f		2400	550	471	488	1338	428
	x		2410	598	852	—	1288	432
24.2	f		2420	1208	1072	1032	1328	438

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1933phae.proj.1291M

cl.-Dk.	Neff.-Dk.	Red. Neff.	Magn.
862	547?	635	
896	540	603	
938	593	632	
900	620	689	
875	566	647	
864	490	567	
897	471	525	
918	501	545	
915	373	408	
900	360	400	
870	560	644	
920	654	711	
762	650	853	
914	276	302	
934	667	715	
894	623	696	
872	450	516	
884	734	830	
920	497	540	
914	462	505	
880	185	210	
914	440	481	
900	532	591	
910	605	665	
900	580	645	
920	690	750	
880	97	110	
910	51	56	
906	420	463	
890	114	128	

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1933phae.proj.1291M

M. M – RB 2909 – Jan. 27, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
24.4	A		2458	628	728	—	1322	428
24.8	O		2490	758	840	—	1352	440
			2480	1060	1082	1072	1342	440
25.0			2500	828	1028	1112	1312	442
			2512	912	542	528	1308	400
25.2	A		2520	795	890	—	1321	428
	A		2522	1042	872	—	1310	428

Plate finished

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1933phae.proj.129.1M

cl.-Dk.	Daff.-Dk.	Red. Neff. Magn.
894	300	336
912	400	438
902	637	706
870	628	722
888	115	130
893	462	518
882	444	503

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1933phae.proj.1291M

H.J.P. — RB3461 — Jan. 28, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
15.0	s		1504	1028	729	877 →	518 →	
	s		1517	657	623	877 →	513 →	
15.2	f		1521	678	728	740	853	512
15.8	s		1591	528	732	—	871	512
	s		1598	588	561	—	890	511
16.0	f		1611	567	737	738	866	508
	s		1611	1154	748	—	871	507
	f		1601	1171	648	653	873	504
	s		1633	1178	762	—	883	504
16.4	s		1650	1068	673	—	872	502
16.6	s		1668	600	762	—	863	503
	s		1660	859	603	—	867	503
	s		1671	668	611	—	861	503
	f		1660	1103	772	772	867	503
16.8	s		1681	553	672	—	863	503
17.0	s		1700	447	582	—	862	498
	s		1712	1018	608	—	873	497
	f		1713	503	749	734	857	498
	s		1721	619	728	—	878	493
17.2	s		1737	1143 543	543	—	889	493
17.6	s		1762	890	758	—	890	497
	s		1763	969	729	—	881	494
	f		1769	1257	796	763	893	493
17.8	s		1790	580	687	—	887	492
	s		1780	760	559	—	900	493
	s		1780	1317	770	—	900	494
18.0	s		1818	799	710	—	908	493
18.2	s		1829	922	652	—	892	493
	f		1826	938	765	769	872	492
	s		1837	1040	739	—	877	492

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1933phae.proj.1291M

Cl.-Dk.	Defl.-Dk.	Red. Defl.	Magn.
359	211	588	
364	110	302	
341	222	651	
359	220	613	
379	150	396	
358	229	640	
364	241	662	
369	146	396	
379	248	655	
370	171	462	
360	259	720	
364	100	275	
358	108	302	
364	269	739	
360	169	470	
364	84	231	
376	111	295	
359	243	677	
385	235	610	
396	50	126	
390	261	664	
387	235	607	
400	286	715	
395	195	494	
407	66	162	
406	276	680	
415	217	523	
399	159	398	
380	276	726	
385	247	644	

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1933phae.proj.1291M

H. J. P. — R B 3461 — Jan. 28, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volf
18.2	f.	~~1857~~	1837	1097	788	781	881	488	
18.4	s.	s	1856	783	713	~~88~~	882	490	
18.6	f.		1868	1008	758	757	879	491	
	s.		1869	1093	551	—	882	490	
	f.		1877	1254	714	718	889	490	
	s.		1872	1251	708	—	887	489	
18.8	s.		1891	557	763	—	862	488	
	f.		1879	639	792	763	877	490	
	s.		1870	1093	553	—	878	489	
	f.		1878	1129	682	737	883	473	
19.0	s.		1900	468	705	—	860	487	
	f.		1903	717	757	776	866	487	
	s.		1914	858	683	—	862	483	
	s.		1940	667	638	—	870	486	
19.6	s.		1978	360	712	—	843	488	
	s.		1970	372	718	—	843	487	
	s.		1963	559	721	—	867	484	
19.8	s.		1980	554	718	—	862	483	
	f.		1989	967	790	781	889	489	
20.0	s.		2008	672	734	—	868	487	
	f.		2012	1202	532	534	874	487	
20.2	s.		2029	697	713	~~—~~	866	484	
	f.		2019	792	769	763	873	487	
	s.		2020	971	724	—	882	486	
	f.		2021	1094	700	727	882	483	
20.4	f.		2047	788	773	813	882	488	
	s.		2057	1328	743	886 →		483	
20.8	s.		2092	301	700	—	841	487	
	s.		2089	1108	743	—	888	486	
21.0	f.		2110	774	747	724	862	490	

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1938phae.proj.129.1M

α.-Dk.	Decl.-Dk.	Red. Decl.	Magn.
393	296	754	
392	223	569	
388	266	685	
392	61	156	
399	226	566	
398	219	550	
374	275	735	
387	287	741	
389	64	164	
410	236	576	
373	218	585	
379	279	735	
379	200	528	
384	152	396	
355	224	631	
356	231	649	
383	237	619	
379	235	620	
400	296	740	
381	247	649	
387	46	119	
382	229	600	
386	279	723	
396	298	601	
399	230	576	
394	335	850	
403	260	645	
354	213	602	
402	257	639	
372	245	659	

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1933phae.proj.1201M

H. S. P. — R.H. 3461 — Jan. 28, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt
	s.		2114	1198	660	—	867	488	
	s.		2103	1107	776	—	875	487	
21.2	s.		2120	911	800	—	887	490	
	s.		2138	1152	772	—	890	488	
21.4	s.		2158	941	633	—	873	488	
21.8	s.		2183	987	790	—	870	488	
	f.		2171	1132	796	793	892	488	
	s.		2183	1149	578	—	895	487	
22.2	s.		2221	1071	788	—	902	489	
	s.		2231	1078	673	—	884	487	
22.4	s.		2240	1187	582	—	887	487	
	f.		2237	1268	756	760	898	486	
	s.		2241	1298	737	—	893	487	
22.6	s.		2267	847	761	—	897	494	
22.8	f.		2270	464	759	789	874	493	
23.0	s.		2310	469	749	—	861	493	
23.2	s.		2319	821	761	—	884	493	
23.4	s.		2339	912	762	—	891	493	
23.6	f.		2370	614	673	682	852	493	
	s.		2379	826	672	—	859	492	
	s.		2373	828	717	—	868	490	
	f.		2357	1179	683	712	918	490	
24.0	s.		2403	965	603	—	873	493	
24.2	f.		2421	707	760	773	861	493	
	f.		2421	748	648	638	871	493	
	f.		2415	762	768	737	857	492	
	s.		2431	954	710	—	887	493	
	s.		2418	1003	672	—	887	492	
24.4	f.		2447	1044	639	618	893	492	
	f.		2460	1069	803	822	903	493	

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1933phae.proj.1291M

cl.-Dk.	Dofl.-Dk.	Red. Defl.	Magn.
379	172	454	
391	289	739	
397	310	781	
402	284	706	
385	145	376	
382	302	790	
404	306	758	
408	91	223	
413	299	724	
397	186	469	
400	95	238	
412	272	660	
406	250	616	
403	267	663	
381	281	738	
368	256	695	
391	268	685	
398	269	675	
359	184	513	
367	180	490	
378	227	600	
428	207	484	
380	110	290	
368	273	742	
378	150	397	
365	260	712	
394	217	551	
395	180	456	
401	136	339	
410	319	778	

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1933phae.proj.1201M

H.J.P. – R B 3461 – Jan. 28, 1934

Plate	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
24.6	a		2474	840	640	—	858	493	
25.0	a		2512	862	797	—	867	493	
25.4	f		2548	752	579	562	852	492	

Plate Finished

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1933phae.proj.1201M

cl.–Dk.	Defl.-Dk.	Red. Defl.	Magn.
365	147	403	
374	304	813	
360	78	216	

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1933phae.proj.12m1M

m.m. — R.B 3481 — Jan. 27, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
15.0	A		1510	722	641	—	962	498	
	f		1510	902	788	848	962	492	
15.8	f		1590	788	800	838	968	492	
	f		1576	966	822	808	962	481	
	A		1590	1080	752	—	952	488	
	A		1582	~~844~~ 1080	844	—	962	490	
	A		1596	1142	658	—	908	492	
16.0	f		1598	078	802	861	978	492	
16.4	f		1600	088	862	862	978	500	
16.6	A		1662	1252	618	—	962	492	
16.8	f		1688	440	800	800	1022	498	
	f		1696	000	808	898	1008	493	
	f		1690	720	792	781	988	491	
	A		1690	1212	740	—	972	488	
	A		1692	1240	688	~~670~~	970	490	
	A		1690	1240	620	—	978	498	
	A		1698	1252	528	—	952	498	
17.0	A		1700	448	760	—	1008	492	
	A		1700	1000	828	—	968	492	
	A		1699	1142	800	—	941	492	
	A		1710	1108	848	—	938	500	
	A		1708	1172	690	—	972	510	
	A		1705	1170	818	—	948	496	
	A		1710	1188	782	—	948	492	
	A		1708	1242	521	—	948	492	
	A		1710	1248	800	—	955	490	
	A		1715	1262	600	—	952	488	
17.2	A		1730	472	810	—	962	488	
	A		1732	742	868	—	978	496	
	A		1732	852	688	—	972	488	

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1939phae.proj.1291M

Cl.-Dk	Deff-Dk	Red. Deff.	Magn.
464	143	308	
470	326	694	
476	327	687	
481	359	746	
464	264	569	
472	354	750	
466	166	356	
486	364	749	
478	362	757	
470	126	268	
524	302	576	
515	385	748	
497	295	593	
484	252	520	
482	198	410	
480	122	254	
454	30	66	
516	268	520	
476	336	705	
449	308	686	
438	348	795	
462	180	390	
452	322	712	
456	290	636	
456	29	64	
465	310	666	
464	112	242	
474	322	679	
482	372	771	
484	200	413	

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1933phae.proj.12m1M

M. M. – RB 3481 – Jan. 28, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt
	A		1732	980	810	—	962	496	
	F		1728	1075	852	842	971	492	
	A		1720	1170	552	—	942	492	
	A		1715	1208	788	—	952	492	
	A		1730	1210	682	—	962	492	
	A		1718	1230	832	—	941	492	
	A		1730	1262	518	—	968	488	
17.4	A		1736	470	788	—	1030	472	
	A		1745	1140	810	—	970	498	
	A		1758	1158	750	—	968	492	
	A		1738	1172	512	—	962	500	
	A		1752	1178	738	—	968	498	
	A		1750	1210	798	—	952	500	
	A		1746	1232	538	—	906	510	
17.6	A		1768	1160	662	—	968	488	
	A		1760	1210	772	—	988	492	
	A		1768	1212	815	—	982	492	
17.8	A		1795	1192	582	—	958	498	
	A		1797	1190	650	—	962	492	
	A		1788	1250	928	—	982	493	
18.0	A		1818	920	722	—	963	490	
18.2	A		1818	370	621	—	1018	490	
	A		1832	392	548	—	1018	496	
	A		1820	758	822	—	990	491	
	A		1818	1018	648	—	962	492	
	F		1828	1150	852	831	962	488	
	A		1818	1242	772	—	972	488	
18.4	F		1800	382	642	691	1008	493	
	F		1845	1310	812	885	952	490	
	A		1850	1320	850	—	968	492	

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1933phae.proj.1291M

Cl.-Dk.	Defl.-Dk.	Red. defl.	Magn.
466	314	674	
479	355	741	
450	60	133	
460	296	643	
470	190	405	
449	340	757	
480	30	62	
558	316	566	
472	312	660	
476	258	542	
462	12	26	
470	240	511	
452	298	660	
440	28	64	
480	174	362	
496	280	565	
490	323	659	
460	84	183	
470	158	336	
489	435	890	
473	232	490	
528	131	248	
522	52	100	
499	331	663	
470	156	332	
474	353	745	
484	284	587	
515	173	336	
462	333	720	
476	358	753	

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1933phae.proj.1201M

M. M. — RB 3481 — Jan. 28/1934

Slip	Class	Stn	y	x	Defl.	Defl	d.	Dk.	volt.
18.6	f		1868	732	750	852	980	490	
	f		1860	837	862	828	998	494	
	s		1877	1164	782	—	971	492	
	f		1870	1218	767	848	973	490	
18.8	f		1882	410	572	594	1018	492	
	s		1880	674	688	—	1002	481	
	f		1892	922	790	808	988	491	
	f		1883	928	867	882	984	488	
	s		1882	1012	635	—	948	492	
	f		1888	1342	728	767	969	493	
19.0	s		1908	1159	670	—	958	492	
19.2	s		1935	432	882	—	1002	488	
	s		1938	531	600	—	1002	493	
	s		1922	833	712	—	990	488	
	s		1918	848	588	—	978	490	
	s		1928	1072	780	—	962	490	
19.4	s		1942	352	728	—	1018	488	
	f		1938	572	558	582	1028	482	
	s		1938	532	562	—	992	480	
19.6	s		1978	1365	810	—	978	480	
	s		1958	556	692	—	978	488	
19.8	f		1978	432	581	882	1062	522	
	s		1993	532	640	—	1028	518	
20.0	s		2008	452	712	—	1048	508	
	s		2000	487	892	—	1028	500	
	f		2010	992	868	822	982	506	
20.2	s		2022	1278	762	—	992	501	
	f		2030	1296	740	782	998	498	
20.4	s		2048	578	632	—	1008	500	
20.6	f		2100	970	838	800	998	498	

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1933phae.proj.1291M

Cl.-Dk.	Diff.-Dk.	Red. Diff.	Magn.
490	361	736	
504	351	696	
479	290	605	
483	317	655	
526	91	173	
521	207	398	
497	308	620	
496	386	779	
456	143	314	
476	254	534	
466	178	382	
514	394	766	
509	107	210	
502	224	446	
488	98	201	
472	290	614	
530	240	453	
546	63	115	
512	102	199	
498	330	662	
490	204	416	
540	359	665	
510	122	239	
540	204	378	
528	392	742	
476	339	712	
491	261	532	
508	263	526	
508	132	260	
507	321	642	

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1933phae.proj.1201M

M.M. — R B 3481 — Jan. 28, 1934.

Stup	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
21.2	f	24	2115	436	708	752	1018	492
	f		2132	480	832	861	1028	490
	s		2132	1328	622	—	1008	500
21.4	s		2140	748	800	—	1002	500
21.8	s		2180	409	838	—	1042	498
	f		2192	420	870	876	1028	508
22.0	s		2212	508	831	—	1010	492
22.4	s		2240	478	851	—	1012	490
	f		2240	650	850	846	1008	492
	s		2248	722	785	—	1022	490
22.6	s		2272	929	678	—	988	490
22.8	s		2282	392	552	—	1028	492
23.2	s		2330	421	598	—	1018	498
	s		2330	450	618	—	1012	492
23.4	s		2350	772	832	—	1000	488
	f		2350	792	753	772	1000	491
	s		2358	1095	692	—	968	490
23.6	s		2355	932	685	—	972	490
24.0	s		2409	702	821	—	992	492
	f		2408	882	891	890	972	491
	f		2415	912	882	878	975	491
	f		2410	928	702	732	990	490
	f		2402	938	872	928	980	486
24.2	f		2430	560	621	637	1018	488
	f.	defective?	2422	570	528	520	1008	488
25.2	s		2522	600	870	—	1009	498
	f		2532	922	600	662	971	496

Plate Finished

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1933phae.proj..1291M

cl. - Dk	Defl. - Dk.	Red. defl.	magn.
526	238	452	
538	356	661	
508	122	240	
502	300	598	
544	340	625	
520	365	702	
518	339	655	
522	361	689	
516	356	690	
532	295	554	
498	188	378	
536	60	112	
520	100	192	
520	126	242	
512	344	671	
509	271	533	
478	202	423	
482	195	404	
500	329	658	
481	399	830	
484	389	804	
500	227	454	
494	414	838	
530	141	266	
520	36	69	
511	372	728	
475	135	284	

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1933phae.proj.1201M

M. M. — RB 3750 Jan. 29, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
15.0	f		1498	938	1688	1709	1910	1393
15.6	f		1562	1604	1772	1768	1928	1396
15.8	f		1587	602	1800	1818	1942	1400
	f		1580	820	1758	1762	1938	1398
	s		1580	1122	1698	—	1929	1402
	s		1588	1191	1562	—	1938	1400
16.2	s		1628	1152	1828	1820	1902	1382
			1628	1170	1702	—	1922	1380
Repeat 16.2	s		1628	1152	1190	—	1328	808
	s		1628	1168	1182	—	1352	800
16.4	f		1640	625	1292	1202	1368	808
	s		1652	1300	958	—	1362	802
16.6	f		1678	478	1152	1148	1368	808
16.8	f		1675	475	1142	1158	1358	818
	f		1682	942	1160	1232	1368	808
	f		1680	760	1202	1268	1362	810
	s		1688	1192	1232	—	1398	818
	s		1698	1218	1108	—	1400	822
	s		1682	1262	1172	—	1372	832
	s		1680	1282	1068	—	1362	840
	s		1680	1284	1032	—	1382	822
	s		1698	1298	905	—	1392	826
	s		1688	1300	942	—	1388	828
17.0	s		1700	490	1072	—	1348	812
	s		1700	1232	1100	—	1372	821
	s		1702	1252	1135	—	1382	822
	s		1710	1275	1252	—	1392	828
	s		1700	1292	1260	—	1408	828
	s		1700	1312	970	—	1378	828

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1933phae.proj.1291M

Cl.-Dk.	Deff.-Dk.	Red. Deff.	Magn.
517	305	590	
532	374	703	
542	409	754	
540	362	670	
527	296	561	
538	162	301	
520	442	850	
542	322	594	
520	382	735	
552	382	692	
560	439	784	
560	156	278	
560	342	610	
540	332	615	
560	388	693	
552	425	770	
580	414	714	
578	286	495	
540	340	630	
522	228	437	
560	210	375	
566	79	139	
560	114	204	
536	260	485	
551	329	597	
560	313	559	
564	424	751	
580	432	745	
550	142	258	

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1933phae.proj.1201M

M. M – RB 3750 – Jan. 29, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
17.2	f	1	1720	510	1178	1262	1372	820
	s		1728	788	1218	—	1378	822
	s		1720	910	1068	—	1362	822
	s		1728	1028	1182	—	1410	822
	s		1738	1182	1178	—	1408	838
	s		1718	1220	942	—	1398	828
	s		1728	1220	868	—	1423	832
	s		1720	1252	890	—	1372	840
	s		1720	1258	1090	—	1402	842
	s		1730	1278	902	—	1392	832
	s		1720	1310	898	—	1410	842
17.4	s		1750	1202	1188	—	1398	838
	s		1758	1210	1112	—	1398	832
	s		1746	1222	1108	—	1408	820
	s		1738	1250	1208	—	1382	828
	s		1700	1260	1248	—	1422	830
	s		1758	1260	1210	—	1422	828
17.8	s		1782	1238	990	—	1410	840
18.0	s		1810	820	1002	—	1410	872
	s		1810	1052	1208	—	1482	881
	f		1812	1185	1022	1328	1472	868
	s		1810	1292	1198	—	1458	802
18.2	s		1820	440	1000	—	1452	840
18.4	f		1880	420	1062	1038	1422	820
	f		1852	770	1260	1272	1442	820
	f		1850	878	1208	1232	1395	800
18.6	s		1878	690	1292	—	1396	80
	s		1878	720	1062	—	1410	800
	f		1878	940	1208	1228	1400	800
	s		1892	1208	992	—	1382	790

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1933phae.proj.1201M

cf-Dk.	Refl-Dk.	Red. Refl.	magn.
552	400	725	
556	396	712	
540	246	455	
588	360	612	
570	340	596	
570	114	200	
591	36	61	
532	50	94	
560	248	443	
560	70	125	
568	56	99	
560	350	625	
576	280	495	
588	338	575	
554	430	775	
592	418	706	
594	382	643	
570	150	263	
538	130	242	
601	327	544	
604	457	756	
606	346	571	
612	160	261	
602	230	382	
622	446	717	
595	420	705	
596	492	826	
610	262	429	
600	418	696	
592	202	341	

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1933phae.proj.1291M

M. M. — RB 3750 — Jan. 29, 1933

Strip	Class	Star	y	x	Defl	Defl.	Cl.	Dk.
	f		1875	1378	1138	1172	1388	782
18.8	s		1880	460	840	—	1382	778
	s		1889	459	938	—	1378	781
	f		1880	962	1178	1238	1362	762
	s		1898	1209	988	—	1370	772
19.0	s		1910	898	932	—	1358	762
19.2	f		1930	412	855	842	1366	766
	s		1932	578	940	—	1368	762
	s		1918	888	1100	—	1358	758
	s		1920	1120	1182	—	1358	760
19.4	s		1938	402	1028	—	1355	768
	s		1950	608	1035	—	1352	760
19.6	f		1970	470	1218	1245	1332	770
	s		1965	1418	1172	—	1330	752
	s		1990	582	968	—	1340	750
20.0	s		2002	498	1032	—	1362	752
	s		2000	538	1180	—	1358	747
20.2	s		2018	570	1205	—	1338	758
	f		2018	1330	1098	1132	1340	761
20.4	s		2042	528	1018	—	1362	758
20.6	s		2080	972	1268	—	1368	748
	f		2080	1010	1200	1258	1358	750
21.0	s		2102	418	1189	—	1348	746
	f		2108	478	1118	1032	1342	748
21.2	f		2122	528	1178	1222	1338	750
	s		2125	532	1210	—	1342	748
	s		2125	1380	950	—	1335	750
21.6	s		2162	380	878	—	1332	752
21.8	s		2190	458	1267	—	1358	758
	s		2178	458	1020	—	1332	748

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1993phae.proj..129M

Cl.-Dk	Deff-Dk	Red. deff.	Magn.
606	373	615	
604	62	103	
597	157	263	
600	446	743	
598	216	361	
596	170	285	
600	82	137	
606	178	294	
600	342	570	
598	422	706	
587	260	443	
592	275	465	
562	461	820	
578	420	726	
590	218	370	
610	280	459	
605	435	719	
580	447	770	
579	354	611	
604	260	430	
620	520	839	
608	479	788	
602	443	735	
594	327	550	
588	450	765	
594	462	779	
585	200	342	
580	126	217	
600	509	848	
584	272	465	

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1933phae.proj.1291M

M. M. RB 3750 — Jan. 29, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	cl.	Df. volt.
	s		2180	460	1150	—	1368	758
22.0	f		2200	392	1208	1250	1312	761
	s		2209	555	1068	—	1325	741
22.4	s		2252	412	1088	—	1312	761
	s		2238	538	1118	—	1332	758
	s		2267	982	1138	—	1346	769
	s		2280	448	868	—	1342	759
23.2	s		2325	472	878	—	1328	762
	s		2318	505	885	—	1318	760
23.4	s		2341	828	1192	—	1332	771
	f		2338	838	1058	1090	1338	762
	s		2348	989	1090	—	1328	778
	s		2344	1150	1078	—	1358	762
	s		2358	467	1152	—	1312	771
23.8	f		2388	470	1050	1088	1296	768
	s		2390	488	1002	—	1302	771
24.0	s		2412	463	1158	—	1310	772
	f		2412	612	822	816	1298	770
	s		2406	758	1128	—	1318	772
	f		2400	968	1008	1052	1368	810
	f		2395	980	1200	1298	1850	810
	f		2406	1162	1302	1292	1378	802
24.2	f		2420	600	908	982	1382	798
24.6	s		2470	762	1241	—	1318	792
25.2	f		2520	962	931	1002	1382	788
25.4	s		2542	832	1068	—	1320	782

Plate Finished.

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1933phae.proj..1291M

α.-Dk.	Defl.-Dk.	Red. Defl.	Magn.
610	392	642	
551	468	850	
584	327	560	
551	327	594	
574	360	627	
577	369	639	
583	109	187	
566	116	205	
558	225	403	
561	421	750	
576	312	541	
550	312	566	
596	316	530	
571	381	705	
528	301	570	
531	231	435	
538	386	718	
528	49	93	
546	356	652	
558	220	394	
540	439	813	
576	495	860	
534	172	322	
526	449	855	
544	178	327	
538	286	531	

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1933phae.proj.1201M

m.m. — RB 2457 — Jan. 31, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
14.8	s		1480	800	1448	1468	1868	1018	
15.8	s		1578	1052	1829	2012	1962	1028	
16.0	s		1610	959	1178	— 1942 →		1008	
16.4	s		1650	1008	1440	— 1950 →		1010	
	f		1653	1042	1071	1072	1932	972	

Discontinued — trailed

m.m. — RB 2945 — Jan. 31, 1934. 5.40

14.8	f		1488	731	1368	1402	1592	972	
	f		1480	815	1312	1472	1590	962	
15.2	s		1530	890	1272	1548 →		956	
15.4	s		1550	842	1310	—	1562	950	
	f		1538	868	1350	1345	1572	952	
15.6	s		1565	731	1338	—	1566	968	
	s		1560	918	1328	—	1548	961	
	s		1561	1004	1358	—	1538	968	
	s		1578	1022	1238	—	1550	to 986	
15.8	s		1598	775	1388	—	1598	981	
	s		1587	948	1172	—	1588	992	
16.0	s		1608	905	1372	—	1592	998	
	s		1605	972	1028	—	1588	998	
16.2	f		1620	588	1428	1412	1606	1002	
	s		1622	988	1310	—	1578	1000	
	f		1620	1232	1432	1430	1581	1002	
16.4	s		1650	537	1225	—	1632	1000	
	s		1642	870	1318	—	1592	1002	
16.6	f		1665	682	1442	1488	1588	1000	
	f		1665	1042	1018	1058	1592	1000	
16.8	s		1690	1000	1408	—	1608	996	

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1933phae.proj.1201M

Cl.-Dk.	Defl.-Dk.	Red. Defl.	Magn.

620	413	665
628	430	685
592	316	533
612	360	588
620	395	636
598	370	619
587	367	625
570	390	685
584	272	465
617	407	660
596	180	302
594	374	629
590	30	51
604	418	691
578	310	536
579	429	741
632	225	356
590	316	535
588	465	790
592	38	64
612	412	673

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1933phae.proj.12m1M

m.m. — RB 2943 — Jan. 31, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
	s		1693	1202	1358	+	1560	960	
17.0	s		1700	814	1242	—	1542	940	
	s		1712	950	1212	—	1532	943	
17.2	f		1725	476	1432	1428	1568	948	
	s		1728	841	1362	—	1548	956	
	s		1720	1282	1332	—	1549	958	
17.4	f		1752	638	1075	1062	1568	951	
17.6	s		1778	442	1422	—	1572	953	
	f		1772	648	1342	1323	1574	948	
	s		1767	1070	1278	—	1542	951	
17.8	f		1788	1022	1300	1281	1578	958	
18.0	s		1808	912	1410	—	1610	1002	
	f		1810	1008	1282	1321	1640	1018	
	f		1802	1240	1450	1528	1632	1022	
	f		1807	1370	1142	1138	1622	1038	
18.2	s		1832	562	1492	—	1691	1043	
	f		1824	710	1272	1328	1678	1048	
	s		1828	772	1361	—	1661	1043	
	f		1830	1110	1340	1282	1642	1041	
18.4	f		1847	669	1048	1050	1652	1044	
	f		1850	880	1365	1410	1678	1043	
	f		1852	888	1462	1518	1672	1040	
	s		1851	1020	1400	—	1662	1050	
18.6	s		1860	488	1491	—	1712	1058	
	s		1875	762	1432	—	1672	1061	
	f		1875	1202	1500	1542	1652	1058	
18.8	f		1888	1008	1385	1416	1682	1038	
	f		1910	378	1535	1518	1662	1028	
	f		1900	1069	1428	1468	1640	1015	
	f		1900	1338	1042	1050	1621	1010	

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1933phae.proj.42201M

Cl-Dk.	Defl-Dk.	Red. Defl.	Magn.
590	398	675	
602	302	501	
589	269	456	
620	482	778	
592	406	685	
591	374	633	
617	117	190	
619	469	757	
626	384	614	
591	327	554	
620	332	535	
608	408	670	
622	283	455	
610	467	765	
584	102	175	
648	449	693	
630	252	400	
618	318	515	
601	270	449	
608	5	8	
635	344	541	
632	450	711	
612	350	571	
654	433	661	
611	371	607	
594	463	779	
644	362	562	
634	498	785	
625	433	693	
611	36	59	

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1933phae.proj.1291M

m. m. – RB 2943 – Jan. 31, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
19.2	f		1928	702	1181	1218	1658	1000
19.4	f		1940	688	1472	1452	1638	1012
	s		1938	~~968~~	~~1138~~	–	1628	1000
	f		1952	1382	1272	1348	1588	992
19.6	s		~~1960~~	510	1408	—	1618	1002
	s		1970	1292	1358	—	1572	1008
19.8	s		1980	362	1888	—	1552	998
	s		1980	1202	1360	—	1642	1008
	s		1978	1208	1372	—	1608	1012
20.0	s		2012	528	1352	—	1632	1005
	s		2002	908	1198	—	1635	1002
	s		2010	~~1220~~	1302	—	1635	1010
20.2	s		2020	1002	1382	—	1618	1002
20.4	f		2050	828	1320	1350	1632	1000
	s		2042	1258	1142	—	1610	998
20.6	s		2060	365	1892	—	1638	1002
	s		2065	432	1228	—	1610	990
	f		2060	752	1530	1490	1642	995
	s		2065	762	1480	—	1570	1000
	s		2061	1180	1282	—	1620	1000
20.8	f		2088	~~1348~~ 1188	~~1502~~	1218	1610	1015
21.0	s		2110	362	1422	—	1628	1008
	f		2110	1080	1310	1370	1610	1018
	s		2100	~~1120~~	1502	—	1628	1008
	s		2100	1182	1372	—	1618	1020
	s		2110	1268	1268	—	1622	1012
	s		2120	1270	1188	—	1610	1012
	s		2100	1318	1100	—	1600	1010
21.2	s		2130	910	1530	—	1638	1018
	s		2130	910	1902	—	1620	1018

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1933phae.proj..1291M

Cl.-Dk.	Refl.-Dk.	Red. Defl.	Magn.
658	199	302	
626	450	719	
628	138	220	
596	318	533	
616	406	659	
564	350	620	
554	390	704	
634	342	540	
596	360	604	
627	347	554	
633	196	310	
625	342	547	
616	380	617	
632	325	514	
612	144	235	
636	390	613	
620	238	384	
647	515	795	
570	480	842	
620	282	455	
595	188	316	
620	414	668	
592	322	~~543~~	
620	494	798	
598	352	589	
610	256	419	
598	176	295	
590	90	152	
620	532	859	
602	284	473	

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1933phae.proj.1291M

m. m. RR 2943 - Jan. 31, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	wolf
21.4			2142	498	1282	1248	1648	1018	
			2142	680	1400	1528	1652	1008	
			2140	972	1232	—	1608	1008	
			2153	1310	1332	—	1572	1002	
			2100	1312	1278	—	1592	1000	
			2140	1300	1362	—	1578	998	
21.6			2172	642	1292	1372	1662	1010	
			2170	1118	1228	1258	1588	998	
21.8			2195	490	1218	1318	1648	1002	
			2198	600	1458	—	1628	998	
			2198	612	1318	1372	1642	998	
			2190	660	1520	1480	1652	998	
			2188	710	1420	1398	1628	998	
			2198	842	1470	—	1640	1000	
			2188	951	1472	1531	1610	1000	
			2196	1070	1440	—	1622	999	
			2180	1092	1400	1372	1678	990	
22.0			2198	612	1258	1218	1628	990	
			2210	762	1388	1350	1632	1000	
			2208	780	1482	1482	1632	991	
			2220	800	1368	—	1628	990	
22.4			2262	465	990	1018	1670	980	
			2272	1072	1315	1328	1592	991	
			2260	1022	1128	1132	1602	990	
22.8			2290	412	1448	—	1632	1010	
			2280	670	1398	—	1621	988	
			2278	978	1381	—	1608	992	
23.0			2297	596	1472	—	1632	991	
			2298	892	1898	—	1612	988	
			2318	960	1272	—	1610	990	

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1933phae.proj..229M

Cl.-Dk.	Defl.-Dk.	Rel. Defl.
630	247	394
644	456	708
600	224	373
570	330	579
592	278	470
580	364	628
652	322	494
590	245	415
646	266	412
630	460	730
644	347	539
654	482	738
640	411	642
640	470	734
610	501	820
623	441	709
588	396	673
638	248	390
632	369	585
641	491	765
638	378	594
690	24	35
601	330	549
612	140	228
622	438	705
633	410	647
616	389	631
641	481	750
624	410	658
620	282	455

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1933phae.proj.1201M

M. M - RD 2943 - Jan. 31, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
23.2	f		2321	738	1323	1350	1628	998
	s		2320	1020	1372	—	1610	990
23.4	s		2350	828	1372	—	1621	1020
23.6	f		2377	1160	1258	1362	1602	990
	f		2370	1240	1421	1408	1062	980
23.8	f		2375	460	1418	1421	1625	980
	s		2398	910	1402	—	1621	991
	s		2390	992	1402	—	1581	982
24.2	s		2432	602	1231	—	1598	978
	s		2438	730	1202	—	1578	977
	s		2422	742	1421	—	1572	978
24.4	s		2445	710	1388	—	1598	978
	s		2408	882	1218	—	1588	970
	f		2458	1162	1292	1298	1062	972
24.6	s		2460	1088	1141	—	1588	972
	f		2470	1122	1421	1392	1082	991
24.8	s		2492	656	1168	—	1608	982
	f		2497	838	1320	1352	1628	990
	s		2480	1080	1323	—	1588	990
25.2	s		2~~477~~	612	1232	—	1621	992
25.4	s		2500	262	1421	—	1602	988
	s		2500	860	1412	—	1602	976

Plate finished

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1933phae.proj.1201M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
630	338	537
620	382	665
601	352	585
612	320	523
582	434	747
645	439	681
630	461	732
599	420	702
620	253	425
601	225	374
594	443	745
620	410	662
610	248	407
590	323	548
616	169	275
591	415	702
626	186	297
638	346	542
598	333	559
629	240	382
614	433	705
626	436	696

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1933phae.proj.12m1M

ZJP - RB 2457 - Feb. 1, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
14.8	x		1480	802	788	—	1498	462	
15.8	x		1580	1057	1268	—	1493	474	
16.0	x		1609	961	578	—	1498	482	
16.4	x		1651	999	888	—	1536	480	
	∫		1653	1047	488	472	1512	472	
16.8	x		1694	1273	898	—	1507	473	
17.0	x		1711	968	1070	—	1528	472	
17.2	x		1738	1222	777	—	1517	474	
17.4	∫		1740	642	631	598	1498	468	
17.6	∫		1761	652	1072	1148	1497	473	
17.8	x		1790	807	922	—	1488	473	
	∫		1777	1027	1127	1084	1443	472	
18.0	∫		1810	717	818	818	1508	472	
	∫		1800	1015	1032	1057	1441	460	
	x		1800	1262	924	—	1484	459	
	∫		1807	1376	682	622	1507	458	
18.2	∫		1832	572	450	458	1463	457	
	∫		1819	1117	962	908	1503	463	
18.4	x		1840	781	1047	—	1491	472	
	∫		1840	888	1092	1142	1460	468	
	∫		1840	892	1277	1258	1461	463	
18.6	x		1870	513	629	—	1500	458	
	x.		1854	597	~~748~~ 713	—	1498	458	
18.8	∫		1877	1012	1077	1008	1488	462	
	∫		1890	1342	472	477	1458	452	
19.0	x		1899	528	1127	—	1492	448	
	∫		1913	708	707	652	1453	448	
	∫		1912	753	612	—	1452	448	
19.2	∫		1928	691	1264	1309	1467	446	
	x		1922	858	477	—	1463	433	

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1933phae.proj..1211M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
1036	326	314
1019	794	780
1016	96	95
1056	408	387
1040	8	8
1034	425	413
1051	598	568
1043	303	291
1030	146	142
1024	637	620
1015	449	442
971	633	652
1036	346	395
981	584	570
1025	465	454
1054	149	142
1006	—	—
1040	472	454
1019	575	565
992	649	643
998	804	808
1042	171	164
1040	255	245
1026	580	565
1006	22	22
1044	679	650
1005	231	230
1004	164	163
1021	840	822
1030	44	43

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1933phae.proj.12m1M

Dyf-B 2457- Feb. 1, 1934

Strip	Class	Star	y	x	Defl.	Defl.	M.	Dr.	wolf
		A	1929	1003	1248	—	1458	453	
19.4		D	1952	622	1224	—	1459	453	
		D	1952	831	1292	—	1467	452	
		D	1950	1164	1063	—	1472	449	
		f	1943	1387	1014	1008	1428	449	
19.6		f	1964	359	1282	1258	1482	448	
		f	1963	453	1222	1277	1462	447	
20.0		A	2001	382	912	—	1470	439	
		A	2003	1389	657	—	1462	433	
20.2		A	2030	756	493	—	1458	432	
20.4		A	2050	509	1062	—	1413	432	
		D	2050	547	1028	—	1458	428	
		f	2037	828	997	1052	1449	428	
20.8		f	2090	357	1252	1822	1447	427	
		A	2077	472	1200	—	1428	427	
		A	2081	733	1160	—	1422	423	
		D	2088	806	882	—	1418	432	
		f	2077	1351	713	770	1452	433	
21.0		A	2100	488	708	—	1437	434	
		f	2101	1080	1077	1062	1463	440	
21.2		f	2130	490	788	752	1450	432	
		f	2131	688	1212	1241	1442	432	
		A	2118	1032	828	—	1447	418	
21.4		f	2146	1312	1028	1032	1408	422	
21.6		f	2160	647	909	932	1432	418	
		f	2171	713	1173	1200	1407	422	
		f	2171	1098	1118	1173	1381	413	
		D	2178	1109	552	—	1428	414	
		f	2160	1130	708	671	1402	416	
21.8		f	2181	492	762	628	1445	418	

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1933phae.proj.1211M

Cl.-Dk	Dafl.-Dk.	Red. Dafl.
1005	795	791
1006	771	767
1015	840	828
1023	614	600
979	562	575
1034	822	798
1015	802	791
1031	473	458
1029	224	217
1026	61	59
981	630	642
1030	600	583
1021	596	583
1020	860	844
1001	773	772
999	737	738
986	450	457
1019	308	302
1003	324	322
1023	629	614
1018	338	332
1010	794	788
999	410	411
986	608	617
1014	502	495
985	764	776
968	732	758
1014	136	136
986	273	277
1027	277	270

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1933phae.proj.1211M

DJP - RB 2457 - Feb. 1, 1934

Strip	Class	Star	y	x	Defl.	Defl.	d.	dk. volt.
	f		2182	617	743	772	1387	414
	f		2199	761	1061	1103	1394	418
	s		2192	763	550	—	1376	417
	s		2190	1169	1149	—	1423	418
	o		2187	1222	1083	—	1410	416
22.0	f		2210	368	1247	1238	1423	422
	f s		2207	559	994	—	1402	420
22.2	f		2220	598	1182	1272	1386	413
	f s		2230	819	1222	—	1378	408
22.4	f		2250	468	432	428	1407	404
	f		2250	1026	622	703	1388	405
22.6	f		2261	1018	1092	1090	1423	412
23.0	o		2312	471	1257	—	1417	413
	f		2310	739	960	948	1373	412
23.2	o		2331	982	1059	—	1401	413
	s		2329	1137	1247	—	1397	412
23.4	f		2346	1262	752	760	1388	410
23.6	f		2367	1163	1109	1012	1389	409
23.8	o		2381	1028	1038	—	1388	412
24.0	o		2403	1038	992	—	1397	413
24.2	s		2430	667	812	—	1383	421
24.4	s		2447	931	1023	—	1413	422
	f		2448	1164	1032	1112	1400	427
24.6	o		2470	709	499	—	1388	422
24.8	o		2490	823	497	—	1377	422
	f		2482	837	1058	1092	1382	418
25.2	o		2528	1018	1088	—	1407	417
25.4	o		2540	821	768	—	1383	414

Plate Finished

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1933phae.proj..121M

Cl.-Dk	Defl.-Dk.	Red. Defl.
973	343	352
976	664	680
956	133	140
1005	731	729
994	667	670
1001	820	819
982	574	584
980	824	842
970	814	839
1003	26	26
983	257	261
1011	679	671
1004	844	840
961	542	563
988	646	655
985	835	849
978	346	354
980	651	665
976	626	640
984	579	589
962	391	406
991	601	607
973	645	662
966	77	80
955	75	79
964	656	680
990	171	173
969	354	366

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1933phae.proj.1201M

W.J.P. – RB 2986 – Feb. 2, 1934.

Strip	Class	Star	y	x	Dopl.	Dopl.	Cl.	Dk.	volt.
14.8	o		1490	802	850	—	1370	523	
15.2	o		1516	873	1028	—	1388	524	
	f		1521	882	1178	1161	1412	523	
	f		1530	932	1168	1247	1383	528	
15.4	o		1552	638	1038	—	1357	522	
	o		1546	661	1034	—	1378	522	
	f		1550	827	1187	1172	1358	513	
	o		1557	1051	602	—	1368	507	
15.8	o		1591	738	762	—	1378	506	
	o		1581	754	1069	—	1371	523	
	o		1581	816	891	—	1386	513	
	o		1587	1111	1041	—	1307	497	
	o		1587	1191	947	—	1367	497	
16.0	o		1610	694	1037	—	1333	498	
	o		1611	763	528	—	1324	492	
16.2	f		1627	572	1092	1063	1343	499	
	o		1628	777	857	—	1388	492	
	f		1631	1218	1078	1091	1326	488	
16.4	o		1647	658	912	—	1333	488	
	f		1653	779	1063	1108	1334	484	
16.6	f		1666	613	1168	1162	1382	483	
	f		1670	668	1048	1054	1333	479	
	o		1666	903	1123	—	1352	482	
	f		1676	1022	521	514	1318	482	
17.0	o		1711	568	1142	—	1329	487	
	o		1702	602	932	—	1327	483	
	o		1723	992	992	—	1322	483	
17.2	o		1719	461	1088	—	1317	471	
	f		1732	458	1119	1132	1322	488	
	o		1729	628	1127	—	1348	487	

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1933phae.proj.1201M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
847	327	336
864	504	583
889	646	728
855	679	792
835	516	619
856	512	600
845	666	788
851	95	106
875	259	296
868	566	653
883	388	439
860	544	632
870	450	517
835	559	645
832	36	43
844	578	685
846	365	432
838	596	712
845	424	501
850	601	707
849	682	804
857	572	670
870	641	737
836	35	419
842	655	778
844	449	531
839	509	606
846	617	728
834	634	760
861	640	742

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1933phae.proj.12p1M

ZC - RB 2986 - Feb. 2, 1934

Strip	Class	Star	y	x	Defl	Defl	Cl.	Dk.	volt.
	o		1719	738	928	—	1328	488	
	x		1731	1069	981	—	1368	487	
	o		1717	1178	1052	—	1307	484	
17.4	o		1740	913	1134	—	1327	491	
	f		1740	1028	1121	1133	1322	483	
17.6	f		1769	573	1209	1263	1349	487	
	o		1766	607	1117	—	1337	490	
	f		1760	619	700	688	1326	487	
	o		1771	868	967	—	1347	491	
	x		1776	961	1132	—	1317	497	
	f		1760	1369	968	1006	1348	493	
17.8	f		1781	629	922	1023	1347	493	
	o		1790	1269	1097	—	1327	493	
18.0	x		1811	699	976	—	1383	491	
	f		1799	1006	963	954	1329	488	
18.2	x		1830	569	877	—	1300	490	
	f		1831	693	878	893	1342	485	
	f		1820	992	968	968	1318	484	
	x		1828	1198	1090	—	1327	482	
	o		1827	1204	773	—	1324	480	
	f		1816	1225	1057	1143	1308	478	
	f		1827	1352	607	603	1302	473	
18.4	x		1852	872	1018	—	1317	479	
	f		1853	652	477	472	1290	472	
	f		1840	1093	843	867	1327	472	
	o		1838	1249	966	—	1299	480	
18.6	o		1877	678	1084	—	1400	502	
	x		1866	679	1083	—	1382	503	
	x		1859	807	1024	—	1397	508	
	f		1859	867	1044	1064	1377	542	

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1933phae.proj.1201M

Cl-Dk.	Defl-Dk.	Cl. Defl.
840	440	524
881	494	560
823	568	690
836	643	770
839	644	769
862	719	821
847	627	740
899	207	246
856	476	556
820	635	772
855	494	577
857	479	562
834	604	724
842	485	575
841	470	558
810	387	479
857	400	467
834	484	580
845	608	719
844	293	397
830	622	750
829	132	159
838	539	642
818	2	2
855	383	448
819	486	594
868	554	639
849	550	648
859	486	566
835	512	613

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1933phae.proj.12p1M

DJP - RB 2986 - Feb. 2, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Malf.
	f		1861	871	1032	1056	1386	643	
	f		1869	938	1267	1198	1416	657	
	f		1868	964	1264	1221	1378	648	
	x		1874	1148	1023	—	1380	657	
18.8	f		1888	1188	1174	1220	1388	659	
	x		1899	1198	966	—	1393	663	
19.0	x		1903	724	1160	—	1382	662	
	f		1899	990	980	1051	1422	664	
	f		1911	1050	1119	1128	1409	668	
	f		1911	1138	1209	1214	1406	668	
	x		1911	1186	1117	—	1429	671	
	x		1916	1308	936	—	1441	670	
	f		1910	1319	662	636	1422	671	

Repeat DJP - RB 2986 - Feb. 5, 1934

19.0	x		1902	764	1106	—	1300	689	
	f		1898	1031	886	882	1297	687	
	f		1911	1089	996	983	1323	695	
	f		1910	1178	1122	1126	1318	663	
	x		1910	1222	983	—	1306	663	
	x		1916	1348	852	—	1310	663	
	f		1909	1360	640	628	1334	663	
19.2	f		1936	727	756	812	1362	610	
	x		1937	1028	1112	—	1393	612	
	x		1920	1151	1132	—	1359	612	
19.4	f		1900	709	1010	1032	1353	618	
	x		1942	786	703	—	1318	614	
	f		1948	1317	1113	1147	1342	622	
	x		1948	1343	947	—	1352	618	
19.6	f		1958	1313	1180	1219	1318	612	
	f		1962	1404	892	872	1347	617	

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1933phae.proj.1201M

Cl.-Dk.	Defl-Dk.	Rel Dyff.
840	499	593
862	681	790
830	694	838
829	472	570
829	638	770
840	410	488
820	598	730
858	451	527
841	555	659
835	643	771
858	546	637
871	366	420
851	76	89
711	414	581
710	295	416
728	393	540
715	519	727
703	380	540
707	249	353
731	31	42
752	174	231
721	500	693
747	520	698
735	403	549
704	89	126
720	533	740
734	329	448
706	587	830
730	265	368

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1933phae.proj.1211M

D.J.P. – RB 2986 – Feb. 5, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
19.8	f		1988	379	1118	1063	1367	623	
	f		1987	473	1038	1018	1361	608	
	s		1998	498	968	—	1328	600	
	s		1998	1027	1037	—	1341	592	
	s		1988	1031	1099	—	1342	583	
	s		1980	1117	1018	—	1341	586	
	s		1997	1428	1252	—	1296	582	
	f		1991	1433	1110	1112	1323	578	
20.0	s		2011	448	829	—	1304	578	
	s		2000	661	1082	—	1309	579	
	f		2009	718	1122	1139	1326	574	
	s		2009	729	758	—	1306	571	
	f		2006	1378	1096	1078	1280	576	
20.2	f		2021	553	1083	1113	1280	578	
	s		2023	826	963	—	1281	577	
	f		2022	883	1038	1054	1308	573	
	s		2021	1051	998	—	1279	578	
20.4	s		2054	1181	758	—	1342	578	
	s		2037	1401	1060	—	1293	577	
20.6	f		2068	777	1060	1109	1307	573	
	f		2071	787	1104	1070	1327	576	
	f		2057	848	912	878	1281	574	
	s		2071	1063	920	—	1302	575	
	f		2067	1041	1102	1132	1293	574	
	s		2069	1406	683	—	1283	573	
20.8	f		2077	721	1079	1148	1347	578	
21.0	s		2099	651	1058	—	1312	578	
	f		2111	907	1132	1167	1311	582	
	s		2109	950	1072	—	1277	581	
	s		2110	1002	971	—	1302	587	

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1933phae.proj.1211M

Cl.-Dk.	Deff-Dk.	Rd. Dfl
744	467	628
753	420	557
728	398	548
749	445	594
759	516	680
758	435	575
711	670	942
745	533	716
756	251	332
730	503	690
749	556	743
735	187	255
707	510	722
707	525	742
704	386	548
735	463	630
706	425	602
764	180	236
716	483	674
734	511	695
751	511	680
707	321	454
727	345	475
719	543	755
710	110	155
769	535	695
734	480	658
729	567	779
696	491	701
765	384	502

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1933phae.proj.12m1M

DJP - RD 2986 - Feb. 5, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	wolf.
	x		2112	1137	687	—	1317	080	
	x		2103	1237	1127	—	1292	082	
	f		2099	1368	760	768	1320	087	
21.2	p		2131	728	1017	—	1332	087	
	x		2131	733	864	—	1318	088	
	p		2126	1078	873	—	1316	088	
	x		2129	1092	682	—	1316	087	
	f		2121	1099	892	922	1328	090	
	x		2129	1309	968	—	1301	092	
	f		2130	1416	868	843	1298	091	
21.4	f		2107	609	802	872	1309	092	
	f		2103	708	982	1028	1306	094	
	p		2148	793	738	—	1300	096	
	x		2143	1242	1018	—	1306	095	
21.6	x		2161	1133	933	—	1292	600	
	f		2163	1209	1027	1102	1307	603	
	f		2163	1330	863	893	1328	604	
	x		2161	1368	1030	—	1292	604	
21.8	x		2193	720	1022	—	1320	603	
	x		2198	659	1068	—	1298	612	
	f		2180	666	866	872	1307	608	
	p		2192	732	993	1090	1300	609	
	x		2190	978	957	—	1323	608	
	f		2192	1117	907	938	1327	609	
	f		2180	1150	758	813	1332	613	
	x		2188	1418	1022	—	1297	611	

Repeat 21.8 Obs. m - RD 2986 - Feb. 6, 1934.

	x		2192	348	1278	—	738	732	
	f		2180	590	1~~420~~	1182	648	732	
	f		2195	660	1392	1328	1658	682	

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1933phae.proj.1211M

Cl.-Dk	Deff.-Dk.	Rel. Deff.
737	107	146
710	545	768
703	177	242
745	430	578
730	276	378
725	285	393
726	95	131
738	317	430
709	376	530
707	264	374
717	270	377
712	411	578
704	142	202
711	423	595
692	333	481
754	461	610
729	274	376
688	426	620
717	419	486
686	456	665
699	261	374
691	432	624
715	349	487
718	338	471
719	171	238
686	411	600
986	526	534
916	419	458
976	678	693

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1933phae.proj.12m1M

M.M. — RB2986 — Feb. 6, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	wolf
	s		2190	910	1250	—	1650	718	
	f		2198	1040	1272	1168	1698	718	
	f		2181	1075	1010	1168	1696	710	
	s		2185	1342	1292	—	1662	710	
22.0	f		2200	736	1022	1168	1648	712	
	f		2202	062	988	952	1648	710	
	f		2200	608	1322	1252	1658	712	
	f		2218	708	1178	1252	1648	710	
	s		2200	812	1322	—	1698	708	
22.2	s		2221	345	1292	—	1672	702	
	f		2221	1132	1413	1443	1726	707	
22.4	f		2240	042	1368	1350	1678	748	
	s		2253	097	1368	—	1678	747	
	s		2247	1006	1016	—	1689	758	
22.6	f		2270	413	772	758	1693	743	
	s		2278	421	1231	—	1667	740	
	f		2271	969	1004	1042	1698	727	
22.8	s		2280	718	1318	—	1653	728	
	f		2280	961	1213	1233	1702	726	
23.0	s		2303	634	1360	—	1673	723	
23.2	f		2330	693	1077	1154	1672	723	
	s		2320	703	1130	—	1672	718	
	s		2327	761	1312	—	1692	717	
23.4	s		2352	568	1159	—	1654	719	
	s		2348	1098	866	—	1647	712	
	f		2352	1167	1262	—	1650	704	
	s		2339	1220	893	—	1637	700	
23.6	f		2378	1187	1224	1297	1648	694	
	f		2363	1208	1011	1003	1610	697	
			2367	1227	1342	1658		692	

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1933phae.proj..121M

Cl.-Dk.	Defl.-Dk.	Red Defl.
932	532	572
980	502	512
986	379	385
952	582	612
936	383	410
938	260	278
946	575	609
938	555	592
990	614	620
940	560	596
969	671	693
925	608	657
931	621	667
986	763	816
950	22	23
927	491	530
971	296	304
925	590	638
976	497	510
950	637	669
949	392	414
954	412	432
975	595	610
935	440	471
935	154	165
946	558	590
937	193	206
954	566	592
913	310	339
966	650	672

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1933phae.proj.1211M

m.m. — RB 2986 — Feb. 6, 1934

Strip	Class	Star	y	x	Dpfl	Dpfl	cl.	Dk.	wolf
23.8	f		2388	417	1371	1352	1628	694	
	s		2399	652	1138	—	1632	692	
	s		2397	736	1290	—	1648	692	
	f		2387	1108	1163	1163	1639	682	
	f		2378	1186	1258	1254	1603	682	
	s		2381	1199	1371	—	1603	683	
24.4	f		2438	532	1383	1342	1593	673	
24.6	s		2460	622	951	—	1582	672	
	s		2467	827	919	—	1602	664	
	f		2467	1109	1129	1180	1608	664	
24.8	s		2490	644	1303	—	1568	662	
	s		2487	821	1167	—	1577	663	
	s		2498	896	1273	—	1578	665	
	f		2480	1068	1208	1227	1616	666	
	s		2490	1103	1561	—	1617	666	
	s		2488	1119	1170	—	1633	662	
25.0	f		2500	780	1142	1220	1610	678	
	s		2498	898	1302	[illegible]	1581	670	
25.4	s		2538	998	1258	—	1562	650	
25.6	f		2570	722	1238	1182	1548	648	
	f		2575	728	1258	1282	1545	658	
	s		2575	770	1242	—	1528	648	
~~25.8~~									

Plate finished.

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1933phae.proj.121M

Cl.-Dk.	Defl.-Dk.	Rel. Defl.
934	667	714
940	446	474
956	598	625
957	481	504
921	574	623
920	688	736
926	689	749
910	279	307
938	255	272
944	490	579
966	641	708
914	504	551
913	608	665
950	601	633
951	895	940
971	508	521
932	503	540
911	632	693
912	608	667
900	562	614
887	612	690
880	594	675

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1933phae.proj.1201M

~~M.M.~~ – Oph – RD 3851 – Feb. 8, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Pk. volt
15.0	K		1494	852	1132	—	1388	767
15.6	K		1560	609	1054	1044	1370	764
15.8	K		1092	1107	1252	—	1422	769
16.2	K		1622	1012	1122	—	1396	767
16.6	K		1663	1052	1162	—	1398	770
16.8	K		1692	807	999	—	1388	767
17.0	K		1698	444	1130	1119	1352	769
	K		1700	1063	870	888	1400	768
	K		1708	1327	1167	—	1436	773
17.2	K		1722	1020	1170	—	1413	773
17.4	K		1751	1276	1108	—	1457	772
17.8	K		1782	660	1042	1022	1398	773
18.0	K		1803	668	1232	1313	1418	778
	K		1823	858	1180	—	1406	774
	K		1811	1316	1202	—	1442	774
	K		1810	1349	873	—	1467	773
18.2	K		1820	1044	1262	1321	1428	772
18.4	K		1852	733	1140	1118	1413	777
	K		1854	833	1237	—	1392	774
	K		1842	1032	1229	1217	1437	773
	K		1849	1392	1020	1083	1463	774
18.6	K		1871	648	1054	—	1422	772
	K		1877	690	780	778	1403	777
	K		1863	1139	1210	1206	1453	780
18.8	K		1891	389	902	—	1392	778
	K		1883	568	1032	—	1398	782
	K		1882	905	1253	1247	1438	782
	K		1883	911	1299	1312	1426	782
19.0	K		1912	682	1232	—	1412	782
19.2	K		1928	808	1072	—	1430	781

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1933phae.proj.1211M

Cl.-Dk.	Defl.-Dk.	Rel. Defl.
621	365	588
606	285	471
653	483	739
626	255	408
628	392	624
616	232	376
583	355	608
632	111	175
660	394	598
640	397	620
665	386	580
625	259	415
640	494	770
632	356	557
668	428	641
694	100	144
656	519	791
636	352	552
618	463	750
664	450	677
689	277	404
650	282	434
626	2	3
673	428	639
614	124	202
616	250	406
656	468	715
644	523	811
630	470	747
649	291	448

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1933phae.proj.1211M

2gp - RR 3801 - Feb. 8, 19xx

Strip	Class	Star	y	x	Defl.	Defl	Cl.	Dk. volt.
			1932	1308	877	872	1408	777
19.4			1940	910	900	—	1427	777
19.6			1969	677	1268	—	1432	778
			1958	726	1093	1100	1423	778
			1968	883	1267	—	1422	778
			1961	1217	1213	—	1457	782
19.8			1988	1483	1262	1240	1482	782
20.2			2017	928	1150	—	1397	783
			2019	438	1170	—	1388	781
20.4			2042	809	900	—	1430	778
20.6			2063	564	1182	—	1413	782
			2067	601	1198	—	1427	783
20.8			2092	528	1262	—	1420	782
			2079	848	1216	1272	1425	779
21.0			2113	539	1110	—	1413	783
			2100	857	1152	—	1412	800
21.2			2101	1087	1182	—	1483	823
			2120	1368	1178	1221	1520	817
21.4			2142	1098	1303	1292	1483	806
21.6			2172	508	1172	1177	1447	799
21.8			2190	1166	1002	—	1480	793
			2189	1329	1300	1348	1517	792
22.0			2202	662	1184	1192	1427	783
			2208	818	978	—	1437	781
			2203	1148	1176	1172	1477	778
			2250	1223	1288	—	1460	770
			2200	1277	1262	—	1478	778
22.2			2222	508	1072	1094	1404	783
			2220	613	1238	—	1433	779
			2227	633	1123	1178	1420	781

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1933phae.proj.12:1M

Cl.-Dk.	Deff.-Dk	Red Deff.
681	97	142
650	123	189
654	490	749
645	318	495
644	489	760
675	431	639
700	469	670
614	367	599
607	389	641
652	172	263
631	400	633
644	415	644
638	480	752
646	465	721
630	327	579
612	352	573
670	359	536
703	382	542
677	481	711
648	375	579
687	209	305
725	532	763
644	405	629
656	197	300
699	396	567
690	578	750
700	484	690
621	300	483
654	459	701
639	354	555

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1933phae.proj.1211M

Zyp - RB3851 - Feb. 8, 1934

Stup	Class	Star	y	x	Deff.	Deff.	a.	Dk.	vol.
	f		2216	1113	1293	1278	1471	777	
22.4	f		2240	778	1279	1281	1417	777	
22.6	o		2257	987	943	—	1424	774	
22.8	f		2291	486	812	823	1393	773	
	f		2293	1042	1077	1093	1408	784	
23.0	o		2311	443	959	—	1379	779	
	f		2292	785	803	803	1386	780	
23.4	f		2352	757	1230	1238	1403	788	
	o		2347	1037	1187	—	1443	780	
23.8	o		2377	461	1018	—	1327	772	
24.0	o		2396	1082	1208	—	1403	773	
24.4	o		2442	720	1097	—	1353	768	
24.6	o		2459	984	1199	—	1423	769	
24.8	o		2487	765	888	—	1364	764	
25.0	o		2504	878	843	—	1373	764	
25.2	f		2527	852	1287	1223	1366	763	
25.6	o		2564	878	1108	—	1380	768	

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1933phae.proj.1211M

Cl.-Dk.	Defl.-Dk.	Red Defl.
694	508	730
640	498	780
650	169	260
620	49	79
674	301	445
600	180	300
603	23	38
612	446	729
663	407	607
555	246	443
660	435	608
585	329	563
657	430	657
600	124	207
609	79	130
603	492	814
612	390	637

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1933phae.proj.12m1M

RB 2259 — M.M. — Feb. 9, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
15.8	s		1580	750	1488	2078 →	1062 →	
	f		1582	860	1298	1278	2082	1049
16.2	f		1628	638	1758	1810	2032	1052
16.4	s		1642	563	1652	—	2038	1048
	s		1658	782	1718	—	2010	1038
16.6	s		1660	1108	1162	—	2038	1032
16.8	f		1689	1079	1782	1838	2023	1022
17.0	f		1702	682	1688	1762	2018	1028
17.2	s		1735	468	1238	—	2012	1022
	s		1728	488	1798	—	1988	1020
	f		1720	1122	1738	1728	1932	1032
	s		1720	1290	1792	—	2000	1034
17.6	s		1760	1182	1308	—	1981	1012
	s		1776	850	1672	—	1972	1002
18.0	f		1798	1112	1808	1878	1978	1012
18.8	f		1898	492	1852	1922	2022	1008
19.6	f		1962	1292	1860	1810	1968	992
19.8	s		1978	742	1538	—	1978	982
20.0	s		2000	418	1588	—	1982	988
	s		2000	838	1792	—	1952	1002
	s		2012	958	1572	—	1958	982
20.2	s		2025	415	1800	—	1962	988
20.4	f		2040	868	1748	1825	1982	969
20.6	f		2061	592	1562	1548	1972	978
20.8	s		2096	456	1842	—	1982	982
	s		2094	762	1732	—	1958	988
21.0	s		2115	602	1892	—	1942	982
	f		2116	1038	1472	1478	1900	978
			2102	1342	1525	—	1908	972
			2118	1362	1572	—	1928	982

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1933phae.proj.1211M

I.-Dk	Defl.-Dk.	Red Defl
1016	426	421
1033	239	232
980	732	748
990	604	610
972	680	699
1006	130	129
1001	788	787
990	697	703
990	216	218
968	778	804
900	701	779
966	758	786
969	296	305
970	670	690
966	831	861
1014	879	869
976	843	864
996	556	559
994	600	604
950	790	831
976	590	604
974	812	833
1013	817	808
994	577	580
1000	860	860
970	744	767
960	910	949
922	497	539
986	553	591
946	590	623

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1933phae.proj.12m1M

RB. 3259 – m. m. — Feb. 9, 1934.

Slip	Class	Star	y	x	Deff.	Deff.	Cl.	Dk.	wolf
21.4	s.		2135	1222	1715	—	1908	992	
21.6	f		2170	930	1718	1745	1882	978	
	f		2158	1372	1588	1652	1892	972	
22.0	s		2198	700	1682	—	1940	982	
	s		2208	792	1750	—	1900	978	
	f		2208	1352	1488	1538	1902	981	
22.2	s		2218	770	1632	—	1928	990	
22.6	f		2264	1312	1172	1208	1934	996	
22.8	s		2298	672	1698	—	1928	991	
23.0	s		2300	672	1642	—	1932	1000	
23.2	s		2330	448	1722	—	1958	998	
	f		2332	462	1510	1458	1932	972	
	f		2320	932	1602	1646	1926	986	
	s		2332	1190	1662	—	1868	1000	
23.4	f		2340	468	1578	1568	1952	1002	
	f		2348	736	1708	1779	1898	1005	
	f		2338	769	1502	1583	1902	1000	
24.0	s		2398	794	1698	—	1882	1006	
			2410	842	1738	—	1882	1000	
24.4			2450	561	1672	1635	1942	1002	
			2458	672	1422	1443	1922	1008	
			2472	878	1562	1563	1888	1009	
			2480	981	1568	1622	1859	1002	
25.2			2522	802	1128	—	1862	998	
			2530	728	1771	1762	1864	1002	
25.4			2546	787	1562	—	1868	1000	5.35

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1933phae.proj.1211M

Cl.-Dk	Dafl.-Dk.	Red Dfl.
916	723	790
904	753	833
920	648	703
958	700	731
922	772	839
921	532	578
938	642	638
938	194	207
937	707	757
932	642	689
960	724	755
960	512	534
940	638	678
868	662	763
950	541	570
893	738	823
902	542	600
876	692	791
882	738	836
940	651	693
914	424	464
879	553	630
850	593	699
864	130	151
862	764	884
868	562	649

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1933phae.proj.12m1M

Dyf - RB 8657 - 4 lb. 10 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Lt. volt.
17.8	o		1487	842	1252	—	1426	808
	o		1490	907	1267	1352	1440	812
15.4	o		1556	1033	979	—	1418	812
16.4	o		1639	933	1132	1108	1420	826
16.8	o		1682	712	1266	1288	1447	831
17.4	o		1751	638	1343	—	1431	828
17.6	o		1772	688	1291	—	1447	833
	o		1761	758	1268	1283	1456	828
17.8	o		1779	454	1197	—	1466	829
	o		1792	1372	1230	—	1457	830
18.0	o		1811	787	1178	—	1452	833
	o		1800	907	1070	—	1441	832
	o		1806	1342	1206	—	1467	840
18.2	o		1822	771	1312	—	1448	834
18.4	o		1809	508	1087	—	1493	848
18.6	o		1864	678	1108	—	1493	849
18.8	o		1880	957	1264	—	1500	84
19.2	o		1934	1480	1238	—	1436	808
20.0	o		2011	749	1267	—	1440	782
20.2	o		2020	1241	1151	—	1412	789
20.4	o		2037	393	1200	—	1483	782
20.6	o		2061	871	932	—	1472	782
	o		2071	1136	1227	—	1418	786
20.8	o		2088	908	1068	—	1437	784
	o		2073	1111	1077	—	1417	782
21.2	o		2119	663	1075	1103	1442	777
	o		2112	736	1092	—	1468	783
	o		2128	918	1027	—	1447	783
	o		2121	1101	1111	—	1418	778
21.6	o		2170	670	1153	—	1443	777

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1933phae.proj..121M

Cl.-dk.	Defl.-dk.	Rel. Defl.
615	444	722
598	497	832
606	167	276
597	297	499
586	445	759
603	515	853
614	458	743
625	447	714
637	368	580
627	403	644
619	345	558
609	238	390
627	366	586
614	478	778
645	239	370
644	259	401
659	423	641
628	430	686
658	485	738
623	362	580
701	418	596
690	150	217
632	441	698
653	274	420
635	295	465
665	312	469
685	309	451
664	244	368
640	433	677
666	376	565

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1933phae.proj.12n1M

Dyf- RB 3657 — Feb. 10, 1934

Strip	Class	Star	y	x	Defl.	Defl.	cl.	Dk. volt.
	f		2172	1108	1148	1182	1423	777
22.0	b		2216	698	1263	—	1427	780
	a		2191	1364	1212	—	1392	783
22.2	f		2231	1004	1209	1360	1423	793
22.8	b		2287	678	1157	—	1437	792
23.0	b		2310	494	1368	—	1442	794
	b		2308	1269	1178	—	1409	798
23.2	b		2334	577	1170	—	1423	794
23.8	f		2390	666	1204	1218	1418	804
	f		2393	538	1173	1180	1420	801
	f		2392	839	1119	1172	1421	804
	f		2378	1002	1293	1288	1432	803
24.4	b		2448	606	1106	—	1404	808
	b		2449	728	1017	—	1411	808
24.8	f		2477	878	1277	1276	1432	804
25.2	f		2509	631	1289	1257	1408	812
	f		2512	744	1068	1071	1417	807
	b		2530	938	1277	1231	1413	809
25.4	f		2538	1050	1230	1234	1436	813

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1933phae.proj..121M

cl.-dk.	Defl-dk.	Red. defl.
646	388	600
647	483	746
609	429	706
636	541	860
645	365	566
648	574	888
611	380	621
629	376	599
612	407	664
619	375	606
617	341	553
629	477	759
596	298	485
603	209	347
628	472	751
594	461	774
610	257	430
604	445	736
623	419	671

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1933phae.proj.1211M

XUJ = RB. 3758 - Feb. 13, 1934.

Stig	Class	Star	y	x	Defl.	Defl.	d.	Dk. volt.
15.2	b		1522	997	703	—	912	396
15.4	b		1550	708	707	—	892	382
	b		1539	982	632	—	892	387
15.6	b		1561	1138	708	—	917	382
15.8	b		1590	922	767	—	913	383
	b		1582	928	704	—	882	383
	b		1589	1068	628	—	926	377
	b		1593	1118	792	—	922	383
16.0	b		1628	668	752	—	898	388
16.2	f		1627	892	548	538	892	384
	b		1621	1048	788	—	928	388
16.4	b		1643	672	707	—	896	392
	f		1652	914	767	767	916	389
16.6	b		1659	622	742	—	922	388
	f		1670	668	712	692	903	393
16.8	b		1694	922	607	—	914	394
	b		1691	1082	781	—	927	394
17.0	b		1699	712	616	—	908	393
	b		1712	1062	764	—	936	393
17.2	f		1720	651	816	828	918	393
	f		1737	1112	763	793	939	393
17.4	f		1749	716	697	687	903	397
	b		1751	1138	768	—	907	396
17.6	f		1764	408	828	823	922	406
	b		1764	908	708	—	932	406
	f		1770	1157	764	788	977	403
	b		1771	1263	783	—	964	408
17.8	b		1788	1198	700	—	982	407
18.0	b		1799	778	608	—	938	410
18.2	b		1819	1289	737	—	980	408

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1999phae.proj.121M

Cl.-Dk.	Defl.-Dk.	Rel. Defl.
516	307	592
510	325	638
505	245	485
535	326	609
580	384	725
499	321	643
549	251	457
539	409	760
510	364	715
508	159	314
540	400	741
504	315	623
527	378	720
534	354	661
510	309	606
520	213	400
533	387	723
515	223	432
543	371	683
525	429	817
546	385	705
506	295	583
558	375	673
579	422	811
529	305	577
574	372	648
556	375	675
575	293	510
528	198	375
572	329	575

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1933phae.proj.12:1M

XP - RB 3708 - Feb. 13, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Wolf.
18.4	o		1839	809	693	—	928	417	
	f		1847	1107	822	887	967	410	
	f		1848	1146	799	834	972	410	
18.6	b		1868	718	818	—	937	412	
	o		1869	1198	777	—	974	403	
18.8	o		1890	643	624	—	1027	477	
19.2	b		1930	382	650	—	1027	487	
	o		1921	899	792	—	1026	498	
	b		1932	458	828	—	1032	492	
	f		1937	522	838	832	1023	483	
	b		1919	1052	692	—	1038	483	
19.4	b		1938	1079	808	—	1057	492	
19.6	o		1961	707	848	—	1028	488	
	f		1962	1042	892	906	1051	493	
	b		1972	1092	868	—	1057	491	
19.8	b		1989	327	880	—	1016	491	
	b		1989	852	882	—	1042	503	
	b		1991	1042	842	—	1052	508	
20.0	o		2004	927	903	—	1063	500	
	b		2000	1263	914	—	1088	505	
20.2	b		2020	308	872	—	1032	503	
	b		2014	317	842	—	1033	508	
	b		2020	424	836	—	1057	514	
	b		2028	503	772	—	1082	520	
	b		2027	883	677	—	1077	518	
	b		2028	1209	918	—	1109	524	
	b		2013	1304	840	—	1087	527	
	f		2011	819	982	1023	1118	540	
20.4	b		2040	396	727	—	1080	537	
	b		2039	1020	952	—	1092	538	

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1933phae.proj.:12:1M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
514	179	348
557	444	798
562	406	721
525	406	771
571	374	655
556	47	86
578	163	302
548	314	574
540	336	622
540	352	650
575	109	190
565	316	560
540	360	667
558	406	729
566	377	650
525	389	740
539	379	705
552	342	619
563	403	716
578	409	709
529	369	699
525	334	636
543	322	591
562	252	447
559	159	285
585	394	674
560	313	560
578	462	800
543	190	349
554	414	748

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1933phae.proj.12:1M

DJP - RD 3758 - Feb. 13, 1934.

Strip	Class	Star	y	y	Defl.	Defl.	Cl.	Dk. volt.
	f		2040	1413	982	961	1142	038
20.8	b		2077	318	932	—	1083	047
	b		2088	637	893	—	1097	052
	f		2086	898	927	937	1107	033
21.0	f		2104	622	680	692	1080	033
	b		2104	1027	937	—	1118	033
21.2	b		2118	1093	992	—	1140	062
	f		2114	1098	952	989	1127	069
	f		2129	1268	1008	1012	1152	034
21.4	f		2102	307	899	962	1082	038
	b		2100	372	1000	—	1104	037
	b		2100	898	983	—	1140	037
21.6	b		2171	688	970	—	1110	033
	f		2161	1062	697	742	1138	033
21.8	b		2182	708	918	—	1113	034
	b		2184	1267	867	—	1152	048
22.0	b		2200	898	898	—	1100	033
22.2	b		2232	409	942	—	1077	047
	b		2226	471	848	—	1087	047
	f		2218	909	888	887	1113	048
	b		2231	1248	927	—	1122	034
22.4	b		2243	1248	870	—	1122	049
	f		2247	1257	970	1018	1137	043
	b		2260	1037	973	—	1127	042
22.6	b		2263	933	909	—	1099	045
	b		2271	1023	827	—	1087	043
22.8	b		2282	838	842	—	1083	044
23.0	b		2304	468	832	—	1067	043
23.2	b		2343	1257	952	—	1113	043
23.4	f		2373	488	682	712	1043	041

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1933phae.proj.:12:1M

Vl.-Dk.	Deff.-Dk.	Red. Deff.
604	433	718
536	385	719
545	341	626
554	379	685
527	~~1334~~	252
565	384	680
578	430	745
558	401	720
598	455	761
524	372	709
547	443	810
583	426	730
557	417	750
585	166	283
559	364	651
604	319	527
547	345	631
530	395	746
540	301	557
565	339	600
568	373	659
573	321	560
594	451	759
585	431	738
554	364	607
544	284	520
539	298	552
524	289	551
570	409	718
502	156	311

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1933phae.proj.12:1M

Ngc RR3708 - Feb. 13, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt
			2359	908	847	—	1087	542	
			2363	908	796	852	1092	538	
			2360	1203	978	—	1108	536	
			2378	1262	880	—	1107	538	
23.8			2381	496	693	722	1053	534	
			2390	577	653	—	1046	538	
			2390	761	853	847	1062	531	
			2380	793	658	682	1062	536	
			2390	1152	993	—	1110	538	
24.2			2427	607	817	—	1042	538	
			2428	649	783	—	1047	540	
			2429	1198	707	—	1118	542	
24.4			2457	789	777	—	1043	533	
			2440	968	947	—	1093	552	
			2452	978	947	—	1092	548	
24.6			2462	833	826	838	1062	544	
24.8			2493	687	808	804	1047	544	
			2490	968	792	—	1058	550	
25.0			2500	698	627	617	1042	547	
			2504	724	697	—	1038	548	
			2517	878	917	—	1034	537	
			2508	922	837	—	1081	552	
			2500	978	883	918	1083	553	
25.2			2518	690	857	—	1048	552	
			2519	893	790	763	1068	548	
			2526	1007	788	766	1069	553	
25.8			2573	749	882	918	1028	553	
			2583	849	782	—	1028	553	

Plate Finished

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1933phae.proj.1211M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
545	305	559
554	286	576
572	442	771
569	342	600
519	173	333
508	15	30
531	319	601
526	109	208
572	455	795
504	279	554
507	243	480
574	165	287
490	224	457
541	395	730
549	404	736
518	288	558
503	262	520
508	242	475
495	75	152
490	149	305
483	366	758
529	285	539
530	347	653
496	305	614
520	228	436
516	224	435
475	347	730
475	229	482

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1933phae.proj.12:1M

Sk Jp - RB 3472 - Feb. 14, 1934.

Strip	Star	Class	y	x	Deff	Defl.	Cl.	Dk. volt.
15.4	b		1544	789	1098	—	1215	814
15.6	f		1574	647	1072	1042	1198	824
15.8	f		1590	953	1103	1127	1258	848
	f		1592	1007	1096	1113	1263	853
	f		1610	1137	1104	1158	1272	864
16.2	b		1621	637	1138	—	1238	870
16.4	f		1639	887	1172	1168	1293	877
16.6	f		1672	353	892	897	1238	880
16.8	f		1687	747	1172	1193	1303	896
	b		1691	1233	1082	—	1322	892
17.0	b		1701	662	1084	—	1277	897
	f		1716	1057	1227	1266	1328	917
	b		1728	1114	1028	—	1330	918
17.4	b		1742	1262	1187	—	1342	917
17.6	b		1772	648	1151	—	1293	923
17.8	b		1789	313	1128	—	1277	982
	b		1792	608	1153	—	1313	94
	f		1786	803	1203	1182	1340	936
	b		1789	958	1148	—	1357	939
	b		1789	1162	1238	—	1357	942
18.0	b		1809	919	1139	—	1372	937
18.4	f		1849	487	1190	1229	1318	954
	f		1841	812	1170	1182	1338	948
18.6	f		1864	498	1230	1208	1338	962
19.2	f		1928	629	1208	1293	1341	973
19.6	f		1967	338	1208	1282	1234	977
	b		1969	1137	1288	—	1392	974
19.8	b		1987	732	1080	—	1362	982
	f		1983	787	1272	1262	1378	984
	b		1992	891	1224	—	1392	982

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1933phae.proj..121M

Cl.-Dk.	Deff.-Dk.	Red. Deff.
401	284	710
374	233	610
410	267	650
410	251	612
408	267	652
368	268	730
416	293	705
358	14	39
407	286	701
430	190	442
380	187	492
411	329	801
412	110	267
425	270	635
370	228	612
345	196	568
372	212	569
404	256	633
418	209	501
415	296	713
435	202	460
364	255	702
390	228	592
376	282	749
368	302	820
357	293	821
418	314	751
380	98	261
394	283	720
410	242	690

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1933phae.proj.12:1M

DJP - RB 3472 - Feb. 14, 1934.

Slip	Class	Slip	y	x	Dgl.	Dgl.	Cl.	Dk.	volt.
	b		1980	1282	1188	—	1432	1002	
20.0	b		1999	1293	1272	—	1428	993	
20.2	b		2021	496	1282	—	1362	997	
	b		2026	609	1200	—	1377	1006	
20.4	f		2037	629	1277	1271	1352	1007	
	f		2040	338	1258	1269	1360	1000	
	f		2044	602	1187	1200	1373	1004	
	b		2052	684	1173	—	1378	1006	
20.8	b		2080	522	1200	—	1358	1007	
21.0	b		2103	288	1208	—	1360	1007	
	f		2113	282	1163	1152	1362	1004	
	f		2100	432	1272	1269	1373	1007	
	f		2100	1046	1322	1318	1438	1037	
21.2	f		2118	1121	1296	1287	1392	972	
	f		2150	644	1203	—	1342	962	
	s		2157	1130	1147	—	1362	943	
	s		2180	279	1183	—	1282	937	
	s		2188	888	1100	—	1282	930	
	f		2197	612	1170	1180	1302	924	
	s		2196	972	1138	—	1307	926	
	f		2206	478	1158	1172	1297	913	
	f		2229	518	1182	1183	1263	914	
	f		2231	767	1212	1207	1292	912	
	f		2234	808	1117	1158	1282	904	
	f		2221	1093	1218	1218	1303	900	
21.4	f		2248	333	1174	1167	1287	898	
	f		2253	682	1193	1203	1268	898	
	f		2256	978	1212	1238	1278	897	
	f		2312	838	1147	1222		922	
	f		2309	633	1158	1158	1262	923	

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1933phae.proj..121M

Cl.-Dk.	Dafl.-Dk.	Red Dafl.
430	186	438
435	279	642
365	285	781
374	197	527
345	267	770
360	262	725
369	189	511
372	167	447
351	243	691
353	251	709
358	153	438
366	263	720
401	283	708
420	319	760
380	241	634
419	204	500
345	246	710
352	170	483
378	251	664
387	218	565
384	252	655
349	268	767
380	297	780
378	233	618
403	318	790
329	272	826
370	300	809
381	328	861
300	225	750
339	235	649

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1933phae.proj.12:1M

m. m. — ℞ 13 3472 — Feb. 14, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Wolf
	f		2304	782	1062	1080	1300	929	
	f		2315	1104	1250	1250	1319	932	
	f		2318	398	1162	1142	1258	940	
	f		2337	640	1084	1067	1287	937	
23.4	f		2345	380	1177	1187	1272	947	
	f		2348	498	1175	1180	1272	963	
	f		2372	508	1199	1198	1267	953	
	f		2360	1068	1254	1272	1340	960	
	f		2370	1070	1293	1282	1348	962	
	f		2380	439	1180	1197	1288	967	
	f		2408	609	1150	1163	1286	965	
	s		2400	1100	1146	—	1354	970	
	f		2402	1112	1152	1178	1357	972	
	f		2421	567	1170	1182	1283	967	
	f		2426	832	1250	1252	1318	966	
	s		2472	548	1118	##	1272	953	

Plate Finished

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1933phae.proj.121M

Cl.–Dk.	Defl–Dk.	Red. Defl.
371	142	383
387	318	820
318	212	662
350	138	394
325	235	723
319	224	703
314	245	780
380	303	799
386	325	842
321	221	687
321	191	595
384	176	458
385	193	500
316	209	661
352	285	811
319	165	517

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1933phae.proj.12:1M

M.M. – RB3520 – Feb. 14, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	d.	D. volt.
14.8	A		1478	880	1322	—	1421	598
	A		1490	928	1268	—	1422	600
15.8	f		1580	620	1268	1250	1372	598
16.2	f		1620	1210	1202	1268	1390	586
16.4	b		1658	970	1148	—	1328	572
16.6	f		1678	438	842	782	1388	561
17.8	b		1792	872	1280	—	1910	588
19.0	b		1910	610	1180	—	1910	588
19.8	f		~~1990~~	852	1288	1232	1298	558
20.2	b		2038	1072	1232	~~1240~~	1292	568
20.4	f		2050	670	1150	1148	1332	570
21.0	f		2119	802	1150	1146	1362	561
22.0	f		2200	670	1210	1167	1302	588
22.4	f		2243	872	1192	1181	1300	558
23.0	f		2318	700	1168	1148	1302	562
	f		2332	848	1182	1200	1268	552
23.2	f		2320	462	1150	1198	1282	550
23.4	f		2358	562	1222	1281	1302	582
24.0	f		2410	672	1150	1162	1282	558
	f		2412	1172	980	1000	1220	550
24.2	f		2430	632	1182	1181	1272	498
25.0	f		2500	780	1198	1188	1281	530

Plate finished

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1933phae.proj..127:1M

Cl.-Dk.	Defl.-Dk.	Rd.-Defl.
823	724	879
822	668	811
774	661	853
804	649	807
756	576	762
827	251	304
722	692	959
722	592	820
740	702	950
734	674	919
762	579	759
801	587	730
714	603	842
742	628	844
740	596	807
716	639	892
732	624	850
720	669	929
724	598	826
670	440	657
814	723	889
751	663	869

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1933phae.proj.1211M

DJP - RB 3591 — Feb. 15, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dc. volt.
15.6		x	1568	892	1183	—	1337	797
15.8			1586	639	1232	1193	1393	804
16.0			1606	878	1212	1303	1358	808
			1601	1047	1188	1218	1382	814
			1604	1098	1183	1222	1377	812
16.2			1620	1228	1209	1209	1443	821
16.4			1644	738	1243	—	1413	818
			1650	978	1252	1243	1408	823
16.8			1687	447	843	862	1408	820
			1699	841	1272	1272	1408	828
17.2		x	1723	668	1033	—	1427	807
17.4		x	1751	1218	972	—	1427	831
18.0			1798	894	1177	1227	1428	829
		x	1814	418	1143	—	1433	833
			1813	610	1282	—	1433	827
			1799	752	1227	—	1438	827
			1812	1059	1113	—	1440	826
18.2			1881	1012	983	—	1463	828
18.4			1853	906	1112	1107	1422	832
18.6			1873	331	1213	—	1415	839
			1860	588	1206	1262	1462	832
			1874	591	1263	1273	1437	834
19.4			1940	723	1260	1203	1433	837
19.6			1979	431	1288	1342	1467	837
20.0			1997	878	1194	1283	1436	827
			2010	838	930	—	1449	831
			1996	388	1107	—	1388	831
			2017	992	1198	—	1442	831
			2012	1118	1298	—	1448	828
20.2			2021	1298	1147	—	1367	836

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1933phae..proj..12..1M

Cl.-Dk	Defl.-Dk.	Red. Defl.
540	386	713
589	408	694
550	449	817
568	389	677
565	390	691
622	388	622
595	425	714
585	424	727
588	32	54
585	449	767
600	206	343
596	141	237
599	373	622
600	310	517
606	405	669
611	400	653
617	287	466
635	155	244
590	277	470
576	374	650
630	402	639
603	434	720
596	419	702
630	478	759
609	411	675
618	99	146
555	276	498
611	367	600
620	470	758
531	311	585

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1933phae.proj.12:1M

KP - RB 3591 - Feb. 15, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	cl.	Dk. volt.
20.4	f		2051	418	1297	1272	1468	833
	f		2053	431	1272	1263	1477	832
	f		2057	697	1007	1013	1442	837
	p		2063	718	1083	—	1442	836
20.6	p		2077	788	1032	—	1452	837
21.0	f		2111	528	1287	1288	1447	842
	p		2106	628	1303	—	1447	842
21.2	f		2129	378	1000	1026	1448	827
	f		2111	1139	1222	1212	1408	830
21.6	p		2173	738	1107	—	1418	828
21.8	p		2180	1236	1062	—	1398	817
22.0	p		2203	383	1140	—	1413	804
	p		2211	403	1000	—	1418	804
	f		2208	707	1084	1087	1400	803
	f		2218	872	1113	1118	1397	803
	p		2218	1077	973	—	1393	793
22.4	f		2240	611	1242	1206	1411	788
	f		2241	860	1163	1208	1372	784
	f		2247	901	1030	1014	1377	787
22.8	f		2290	873	1262	1237	1398	783
23.2	f		2329	493	1133	1182	1382	788
	f		2320	727	1083	1110	1378	780
	p		2317	877	1048	1028	1338	772
	f		2323	1198	1122	1108	1310	770
23.4	p		2307	441	1142	—	1358	767
	f		2347	733	827	862	1317	772
23.6	f		2360	477	1120	1147	1357	762
	f		2360	692	1143	1148	1352	763
	f		2370	1103	1090	1098	1292	764
23.8	f		2393	637	1098	1118	1342	763

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1933phae.proj.121M

Cl.–Dk.	Deff.–Dk.	Red. Deff.
635	421	663
645	430	667
605	173	286
609	250	412
615	195	316
605	420	694
605	461	761
619	186	302
578	387	670
590	279	473
561	245	437
609	336	551
614	196	319
597	282	473
594	312	526
600	180	300
623	436	699
588	401	683
590	235	398
610	466	763
604	369	610
598	316	529
566	266	470
540	370	685
591	375	633
545	72	132
595	371	624
589	382	650
528	330	624
579	345	597

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1933phae.proj.12:1M

WJP – RB 3591 – Feb. 15, 1934

Strip	Class Star	y	x	Defl.	Defl.	Cl.	Dk.	Wolf.
		2383	603	1084	1113	1324	753	
24.0		2411	1206	862	892	1278	752	
24.2		2434	661	987	1002	1323	758	
		2420	703	948	1018	1313	752	
		2438	927	1147	1127	1303	761	
25.0		2497	652	963	—	1308	763	
		2507	812	1072	1092	1277	762	

Plate Finished

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1933phae.proj.121M

cl.-Dk.	Defl.-Dk.	Rel. Defl.
571	345	604
526	125	238
573	244	425
561	227	404
542	376	692
545	200	367
515	320	621

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1933phae.proj.12:1M

DJF - RB 3664 - Feb. 16, 1934.

Strip	class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
16.0	f		1602	657	992	998	1052	728	
16.4	f		1640	1247	958	982	1058	716	
17.0	f		1701	463	762	738	1048	702	
17.2	b		1729	677	872	—	1032	702	
	b		1720	1346	877	—	1042	703	
17.6	b		1757	1227	819	—	1044	702	
18.2	b		1817	427	958	—	1047	708	
	b		1817	617	943	—	1018	704	
	b		1818	1068	928	—	1027	703	
18.4	b		1837	1021	872	—	1028	703	
18.6	b		1876	337	952	—	1037	704	
	f		1876	604	957	973	1008	708	
	f		1871	922	918	927	1008	707	
20.0 19.6	b		2013	843	857	—	1037	778	
	b		2010	1392	908	—	1048	710	
20.2	b		2021	1002	948	—	1018	712	
20.4	b		2051	720	920	—	1016	712	
20.6	f		2064	428	1008	992	1032	712	
	f		2072	709	898	918	1013	713	
	b		2061	1222	960	—	1030	716	
20.8	b		2080	797	918	—	1008	714	
21.2	f		2128	541	983	983	1022	713	
21.4	f		2142	392	936	948	1042	717	
21.6	b		2178	753	937	—	1022	719	
21.8	b		2186	1241	934	—	1032	714	
22.0	b		2212	398	942	—	1028	718	
	f		2223	718	957	978	1028	721	
	f		2233	887	940	953	1013	722	
	b		2221	1082	932	—	1037	724	
23.2	f		2332	889	950	942	1007	726	

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1933phae.proj.127:1M

Cl.-Dk.	Defl.-Dk.	Red.-Defl.
324	264	847
340	257	705
341	48	141
330	170	505
339	174	512
342	117	342
344	255	742
313	243	779
324	225	694
325	169	520
333	248	747
305	262	809
301	215	712
289	139	480
338	198	587
306	236	770
304	208	688
320	288	900
300	195	600
314	244	777
294	204	696
309	270	873
325	225	692
303	218	720
318	220	692
310	224	726
307	246	800
291	224	770
314	209	667
281	220	784

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1933phae.proj.12:1M

DJP - RD3664 - Feb. 16, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	volt.
23.6	f		2362	746	827	807	1040	724	
	f		2373	488	962	988	1057	732	
	f		2377	608	958	957	1052	740	
24.0	f		2410	547	980	997	1068	743	
	f		2400	614	987	1003	1068	748	
24.2	o		2428	1210	900	—	1068	747	
	f		2431	1218	852	857	1062	748	
24.4	f		2450	672	923	943	1054	753	
	f		2437	713	900	903	1052	747	
25.0	o		2500	658	915	—	1062	752	
25.2	f		2521	823	977	980	1053	756	

Plate finished.

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1933phae.proj.121M

Cl.-Dk.	Defl-Dk.	Red. Defl.
316	93	289
325	243	749
312	217	694
325	245	754
325	252	772
321	153	476
314	106	338
301	180	598
305	154	504
310	163	527
297	222	749

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1933phae.proj.12:1M

M.M. – RB 3475 – Feb. 16, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt. 830
14.8	s		1482	812	1110	—	1298	~~1298~~
15.4	f		1570	658	1181	1203	1307	838
	f		1570	782	1188	1250	1348	820
16.0	o		1610	640	1068	—	1342	810
	o		1600	732	1131	—	1328	800
	o		1600	770	970	—	1310	792
	~~f~~ o		1608	880	1100	~~1280~~	1298	800
	f		1625	632	1208	1176	1328	792
	o		1630	680	1142	—	1321	790
	o		1621	812	952	—	1312	780
	f		1625	928	~~1280~~	1232	1282	782
	f		1662	715	1081	1062	1310	782
	o		1680	640	988	—	1322	780
	o		1705	280	1132	—	1332	788
	o		1762	702	1121	—	1332	770
	f		1760	1250	1208	1160	1321	771
	f		1792	602	961	902	1321	758
	f		1778	862	981	951	1288	750
	f		1782	1120	1108	~~1232~~	~~1298~~	750
	o		1818	~~1010~~ 882	828	—	1272	740
	o		1820	1052	1030	—	1262	748
18.4	o		1850	568	1040	—	1332	751
	o		1835	932	1021	—	1280	741
	o		1878	500	1121	—	1318	730
	f		1865	725	1100	1088	1281	750
	f		1870	760	1091	1130	1280	730
	f		1888	492	1031	1078	1322	731
	f		~~1902~~ 1880	~~630~~ 760	~~1092~~ 1090	—	1308	740
	f		1910	1072	890	880	1307	1020
	o		1938	1180	1092	—	1281	730

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1933phae.proj.12:1M

Cl.-Dk.	Dafl.-Dk.	Red-Dafl.
468	280	599
512	354	691
528	399	757
532	258	485
530	331	625
518	178	344
498	300	603
536	400	746
531	352	663
532	172	323
500	449	899
528	289	548
542	158	292
544	344	632
562	351	623
550	363	660
563	173	307
538	191	355
548	420	768
532	88	165
514	282	550
581	289	496
539	280	521
588	391	664
531	344	648
450	380	845
591	323	546
568	150	264
558	153	275
551	272	491

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1933phae.proj.1201M

M. M. – RB 3470 – Feb. 16, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Wolf.
19.6			1960	1160	1240	1128	1340	720	
			1972	1170	1132	1200	1300	732	
19.8			1982	402	1031	1132	1332	718	
			1999	820	1205	1158	1310	721	
			2030	698	891	—	1282	720	
			2030	818	962	971	1310	721	
			2015	1898	1130	1120	1282	721	
			2050	678	1068	1180	1322	731	
			2070	1082	788	—	1281	732	
			2080	1288	1128	1150	1300	712	
			2078	1360	1058	1072	1281	720	
			2082	1378	1098	1090	1320	720	
			2100	1158	1070	—	1238	722	
			2115	1942	882	—	1232	710	
			2135	1292	1050	—	1262	721	
			2150	1080	890	—	1302	712	
			2140	1300	812	828	1262	710	
			2200	885	1032	1080	1280	710	
			2210	1110	748	—	1238	710	
			2238	720	1032	1100	1262	700	
			2325	800	1028	—	1206	700	
			2348	1030	928	—	1232	700	
			2358	742	898	822	1258	708	
			2382	1262	1002	—	1218	710	
			2400	660	1010	1118	1208	700	
			2420	628	852	922	1200	700	
			2420	1280	940	—	1240	698	
			~~2440~~	~~632~~	~~820~~	—	~~1200~~	~~708~~	
			2448	768	1092	1100	1200	710	
			2448	1018	1082	1040	1308	720	

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1933phae.proj.1291M

Cl.-Dk.	Dyfl.-Dk.	Rel. Dyfl.
610	404	661
568	434	765
614	363	590
589	460	782
562	171	304
589	245	417
561	404	720
591	393	662
549	06	11
588	427	728
561	345	614
600	374	622
516	348	678
522	172	329
541	329	608
590	178	301
552	110	199
570	321	563
528	38	720
562	366	650
556	328	590
532	228	429
558	~~169~~	287
508	292	575
558	364	651
500	187	374
542	242	445
—		
490	411	839
488	341	701

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1933phae.proj.1201M

M. M - RB 3475 - Feb. 16, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
			2490	782	931	948	1232	728
			2518	760	960	998	1210	720
			2525	820	1068	1110	1200	705

Plate finished

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1933phae.proj.1201M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
504	211	419
490	259	529
500	389	779

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1933phae.proj.12m1M

m.m. – R# 2662 – Feb. 17, 1934

Ship	class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
14.6	f.		1575	842	1190	1232	1898	896
14.8			1582	902	1752	1781	1882	908
			1510	693	1660	1592	1932	912
			1510	731	1762	1791	1902	908
15.0			1500	902	1150	1221	1912	905
15.2			1520	715	1698	1582	1918	916
			1528	725	1581	1658	1921	918
			1535	731	1452	1471	1911	912
			1532	742	1201	1210	1922	900
			1530	938	1682	1610	1921	918
			1538	1050	1710	1628	1948	912
			1537	1050	1450	1478	1942	910
15.4			1552	645	1432	1532	1928	931
			1550	782	1460	1552	1940	943
			1552	890	1378	1142	1945	948
Repeat		Ref – RB	2662		– Feb. 17, 1934			
15.4	f		1552	648	1367	1397	1928	877
	f		1549	783	1418	1428	1908	867
	f		1550	888	1014	1076	1836	850
15.6	f		1560	723	1013	1075	1922	900
	b		1560	727	1453	—	1940	907
	b		1568	1126	1286	—	1967	912
15.8	f		1080	682	1432	1453	1917	920
	f		1591	628	1447	1487	1948	923
	f		1588	646	1662	1716	1927	927
	f		1596	649	1508	1472	1937	927
	f		1592	763	1703	1722	1928	927
	f		1578	953	1742	1722	1978	934
	f		1599	1019	1058	1068	1962	932
16.0	f		1603	547	1538	1525	1988	954

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1933phae.proj.12:1M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
1002	215	214
974	858	880
1020	714	700
994	868	870
1007	280	278
1002	724.	722
1003	701	699
999	549	550
1022	320	313
1003	718	715
1036	757	732
1032	554	537
997	551	554
997	553	557
997	212	214
1051	505	480
1041	556	535
983	193	196
1022	144	141
1033	546	528
1055	574	550
997	522	525
1025	544	531
1000	762	762
1010	563	558
1001	785	782
1044	798	764
1030	131	127
1034	587	569

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1933phae.proj.12m1M

WJP-RB 2662 – Feb. 17, 1934

Strip	Class	Star	y	x	Deff.	Deff.	Cl.	Bk.	wolf.
			1607	603	1553	1603	1972	944	
			1612	637	1216	1227	1977	937	
			1612	640	1408	—	1982	942	
			1604	838	1692	1683	1972	932	
			1599	1029	1060	1080	1954	931	
			1607	1103	1503	1462	1984	927	
			1609	1157	1547	1648	1952	932	
16.2			1623	588	1443	1522	1963	932	
			1624	767	1513	1473	1967	933	
			1627	1143	1598	—	1908	933	
			1620	1176	1468	—	1968	931	
16.4			1646	592	1440	1470	1981	942	
			1651	621	1353	1203	1958	937	
			1642	730	1158	1173	1970	937	
			1648	1041	1673	1707	1958	940	
			1642	1100	1718	1772	1978	947	
			1640	1168	1703	1707	1963	948	
16.6			1664	837	1648	1682	1978	950	
16.8			1681	567	1578	1700	1984	947	
			1690	767	1361	1378	1958	953	
			1680	783	1531	1527	1943	948	
			1689	788	1552	1628	1978	952	
			1684	842	1628	—	1978	956	
			1687	1088	1670	1688	1992	962	
17.0			1699	501	1511	1537	1974	962	
			1700	693	1677	1742	1962	961	
			1709	760	1642	1571	1978	958	
			1700	809	1208	1293	1957	957	
			1703	1104	1278	1292	1998	961	
			1703	1113	1772	1837	1997	960	

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1933phae.proj.12:1M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
1028	634	617
1040	284	273
1040	466	448
1040	755	726
1023	139	136
1007	555	551
1020	665	652
1031	565	548
1034	560	542
1025	665	649
1037	537	518
1039	513	494
1021	391	383
1033	228	221
1018	750	737
1031	798	774
1017	759	746
1028	715	696
1037	692	667
1005	416	414
995	581	584
1026	638	622
1022	672	658
1030	717	696
1012	562	555
1001	748	~~744~~ 747
1020	648	635
1000	293	293
1037	324	312
1037	844	814

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1933phae.proj.12m1M

HARV. — RB2662 — Feb. 18, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
17.0			1700	582	1488	1538	1832	832
			1700	596	1570	1628	1872	842
			1710	760	1450	1062	1882	842
			1700	810	1272	1198	1872	852
			1700	1100	1312	1192	1800	838
			1700	1112	1638	—	1802	848
17.2			1720	608	1510	1572	1868	842
			1719	712	1558	1588	1872	838
			1722	732	1618	1692	1902	842
			1720	868	1452	1478	1862	838
			1718	928	1592	1682	1900	852
			1730	1085	1652	1668	1892	832
17.4			1740	388	1492	1512	1858	832
			1738	408	1662	1782	1868	832
			1750	690	1370	1878	1872	842
			1750	710	1622	1718	1838	842
			1748	890	1732	1792	1872	842
			1708	905	1362	1418	1872	832
			1738	1052	1612	1782	1872	842
			1740	1100	1388	—	1872	842
17.6			1765	760	1232	—	1852	832
			1762	832	1272	—	1862	832
			1760	878	1252	1252	1852	822
			1770	999	1578	1642	1872	832
17.8			1778	672	1402	1458	1848	832
			1798	762	1271	—	1858	822
			1798	800	1552	1092	1848	818
			1788	928	1462	1472	1852	808
			1780	962	1648	1682	1838	810
			1788	1045	1682	1662	1848	798

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1933phae.proj.12:1M

Cl.-Dk.	Deff.-Dk.	Red.Deff.
1000	681	681
1030	757	735
1040	764	735
1020	383	375
962	414	430
954	790	828
1026	699	681
1034	735	711
1060	813	767
1024	627	612
1048	785	749
1060	828	781
1026	670	653
1036	890	859
1030	582	565
996	828	831
1030	920	893
1040	558	537
1030	855	830
1030	546	530
1020	400	392
1030	440	427
1030	430	417
1040	778	748
1016	598	589
1036	449	433
1030	754	733
1044	654	626
1028	805	783
1050	880	838

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1933phae.proj.12m1M

M. M. – RB 2662 – Feb. 18, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
			1792	1100	1052	1610	1842	798
			1798	1150	1698	1088	1850	798
			1798	1222	1482	1518	1818	782
18.0			1800	380	1548	1572	1832	780
			1808	412	1138	1148	1800	798
			1810	0558	1472	1442	1782	782
			1818	925	1402	—	1822	788
			1810	1010	1418	—	1850	788
			1818	1228	1558	—	1832	790
1			1800	1320	1328	1380	1832	790
18.2			1832	472	1532	1600	1822	767
			1828	733	1668	1670	1812	782
			1830	770	1410	1470	1810	772
			1826	940	1610	1638	1822	770
			1820	1109	1290	1362	1818	780
			1828	1208	1540	1492	1822	772
			1830	1240	1338 1298	1388	1796	770
			1835	1352	1452	1510	1818	769
18.4			1838	636	1088	1660	1788	758
			1843	680	1590	1598	1782	748
			1842	862	892	862	1872	742
			1852	1070	1498	1638	1782	752
18.6			1862	318	1482	1438	1768	742
			1870	420	1482	1482	1772	752
			1860	542	1208	1288	1750	748
			1862	678	1252	1178	1762	762
			1868	690	1621	1504	1862	748
			1870	732	1532	1505	1762	742
			1860	792	1872	899	1752	782
			1862	891	1868	—	1772	788

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1933phae.proj.12:1M

Cl.-Dk.	Dopl.-Dk.	Red. Dopl.
1044	783	750
1052	845	803
1036	718	693
1052	780	741
1002	345	344
1000	660	660
1034	614	594
1062	630	593
1042	768	737
1042	564	541
1055	799	757
1030	887	861
1038	668	644
1052	854	812
1038	546	526
1050	744	709
1026	593	578
1049	712	679
1030	866	841
1034	846	818
1030	135	131
1030	816	792
1026	718	700
1020	730	716
1002	525	524
1000	453	453
1014	839	827
1020	776	761
1020	153	150
1034	630	609

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1933phae.proj.12m1M

M. M. – RB 2662 – Feb. 18, 1934

Strip	Class Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
		1870	905	1298	1282	1752	738
18.8		1890	578	1510	1462	1742	728
		1890	668	1162	—	1755	740
		1882	680	1440	1622	1732	748
		1890	1140	942	—	1722	740
		1880	1062	1170	1132	1742	738
19.0		1908	688	1072	1478	1752	748
		1900	762	1088	—	1748	732
		1905	900	1092	1028	1748	740
		1910	1020	1088	1642	1748	748
		1898	1260	1062	1492	1748	732
		1900	1342	1048	—	1772	722
19.2		1920	438	1202	1312	1742	722
		1938	570	1032	—	1732	718
		1930	620	1238	1428	1712	722
		1938	910	1208	1150	1748	732
		1928	955	1472	1082	1762	722
		1920	1270	1271	1142	1768	728
19.4		1958	342	871	1032	1728	722
		1950	398	1600	1782	1732	722
		1952	652	1261	1271	1732	722
		1952	810	1100	1132	1742	722
		1948	1050	1300	1302	1722	722
		1945	1100	1002	1648	1762	732
		1942	1126	1038	1640	1762	720
		1950	1170	1402	1002	1732	720
19.6		1958	380	1570	1000	1768	732
		1970	860	1410	1318	1722	730
		1960	990	1302	1268	1698	722
		1965	1070	1610	1638	1732	710

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1933phae.proj.1211M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
1014	552	544
1014	758	748
1015	422	416
984	783	796
982	202	206
1004	413	411
1004	777	774
1016	356	350
1008	820	813
1000	867	867
1016	795	782
1050	326	310
1020	560	549
1014	314	310
990	611	617
1016	447	440
1040	805	774
1040	478	460
1006	229	228
1010	794	786
1010	544	539
1020	394	386
1000	606	606
1030	843	818
1042	869	834
1010	755	748
1036	803	775
992	634	639
976	578	592
1022	914	894

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1933phae.proj.12n1M

M. M. – RB 2662 – Feb. 18, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.	
			1975	1080	1291	1362	1772	718	
			1908	1195	1342	1462	1750	722	
19.8			1980	422	1396	1452	1745	722	
			1988	1252	1612	1572	1738	720	
20.0			2010	821	800	816	1710	710	
			2018	530	1325	—	1721	700	
			2018	542	1110	—	1682	700	
			2010	730	1410	—	1690	700	
			2010	742	1092	—	1710	692	
			2018	1332	781	788	1722	692	
			2000	1342	~~842~~ 830	~~1488~~	1728	700	
			2002	1342	1420	1410	1732	700	
20.2			2020	1298	1008	~~1668~~	1728	710	
20.4			2039	395	1424	1385	1691	660	C.C.J.
			2056	556	1366	1370	1686	666	
			2050	588	1493	1477	1687	669	
			2040	598	1372	1440	1702	668	
			2040	600	1387	1375	1682	664	
			2051	756	1432	1416	1677	671	
			2052	951	1248	1279	1684	670	
			2039	1004	1259	—	1680	663	
			2049	1039	1080	—	1679	665	
			2038	1049	1350	—	1654	667	
			2049	1135	881	889	1684	655	
			2048	1158	1352	1303	1678	660	
			2043	1199	1362	1326	1672	654	
			2040	1363	1012	1021	1698	654	
20.6			2062	360	1046	1048	1640	640	
			2061	555	1207	1222	1649	643	
			2057	583	1303	1358	1648	641	

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1933phae.proj.12:1M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
1059	613	582
1028	680	661
1023	702	686
1018	872	857
1000	98	98
1021	625	612
982	410	418
990	710	717
1018	900	884
1030	92	89
1028	759	738
1032	715	693
1018	878	862
1031	744	722
1020	702	688
1018	816	802
1034	738	714
1018	717	704
1006	753	749
1014	593	585
1017	596	586
1014	415	409
987	683	692
1029	230	224
1018	667	655
1018	690	678
1044	362	347
1000	407	407
1006	571	568
1007	689	684

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1933phae.proj.1201M

C.C.J. – RB 2662 – Feb. 18, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
	f		2069	639	1410	1423	1650	637
	f		2063	746	1381	1420	1647	639
	f		2068	860	1367	1350	1660	637
	f		2078	873	1310	1298	1624	623
	f		2065	932	1200	1203	1642	621
	f		2062	957	809	819	1633	616
	s		2079	1074	997	—	1621	616
	f		2073	1079	1421	1419	1660	620
	f		2079	1089	1134	1120	1640	612
	f		2068	1285	1260	1272	1647	618
20.8	s		2087	548	1032	—	1622	611
	f		2080	827	1330	1328	1617	610
	f		2092	864	911	922	1640	611
	f		2094	864	1258	1285	1618	600
	f		2091	868	1317	1325	1603	603
	f		2082	870	1138	1180	1611	599
	f		2089	874	1426	1380	1593	591
	f		2092	950	763	751	1602	583
	f		2083	1030	950	928	1610	580
	s		2089	1034	1330	—	1615	583
	s		2079	1090	1200	—	1632	584
	s		2089	1163	1288	—	1612	584
	f		2099	1322	1363	1294	1610	582
	f		2098	1370	1016	1011	1668	589
	f		2097	1382	1270	1250	1640	588

Repeat DJS – RB 2662 – Feb. 18, 1934

20.8	s	2090	550	963	—	1426	388
	f	2080	827	1113	1140	1467	453
	f	2092	863	734	762	1453–453	

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1999phae.proj.42:1M

Cl.-Dk.	Defl-Dk.	Red. Defl.
1013	779	769
1008	761	755
1023	721	705
1001	681	680
1021	580	568
1017	198	195
1005	381	379
1040	800	769
1028	515	501
1029	648	630
1011	421	416
1007	719	714
1029	305	296
1018	671	659
1000	718	718
1012	560	553
1002	812	810
1019	174	171
1030	359	349
1032	747	724
1048	616	588
1028	704	685
1028	746	726
1079	424	393
1052	672	639
1035	575	556
1014	673	664
1000	295	295

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1933phae.proj.1201M

WJP - RB 2662 - Feb. 19, 1934.

Strip	class	Star	y	x	Depl.	Depl.	cl.	Pk.	volt
			2094	863	1023	1067	1432	461	
			2091	867	1138	1152	1447	457	
			2080	878	~~1190~~ 1192	1190	1459	463	
			2091	951	628	672	1442	460	
			2084	1032	873	908	1422	456	
			2080	1089	933	1012	1498	458	
			2079	1089	949	—	1507	463	
			2090	1162	1164	—	1467	453	
21.0			2100	942	949	—	1438	454	
			2100	572	1060	—	1447	454	
			2116	629	898	—	1432	453	
			2112	862	1058	1073	1492	462	
			2108	1162	1063	—	1474	459	
			2112	1241	1218	488	1473	466	
			2100	1321	1177	1158	1482	462	
			2111	1328	1158	1118	1484	463	
			2098	1369	963	879	1503	463	
			2097	1382	1099	1200	1453	460	
21.2			2121	448	768	680	1498	459	
			2137	573	978	1019	1442	462	
			2118	613	868	—	1458	461	
			2137	1193	830	907	1492	463	
			2139	1319	671	649	1467	460	
			2134	1357	993	1081	1497	463	
			2119	1367	1043	1030	1478	463	
			2130	1369	557	548	1473	453	
21.4			2141	398	897	890	1468	462	
			2154	400	1133	—	1438	458	
			2149	819	1170	1164	1447	458	
			2152	849	1198	1253	1462	460	

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1999phae.proj.42:1M

Cl.-Dk.	Doff.-Dk.	Red. Doff.
971	584	601
990	688	695
996	728	731
982	190	193
969	462	477
1040	514	494
1054	496	471
1014	701	691
984	495	503
993	606	610
979	445	455
1030	603	585
1015	604	595
1007	737	732
1020	705	691
1021	675	661
1040	453	436
993	685	690
1039	265	255
980	536	547
997	407	408
1029	405	394
1007	200	199
1034	549	531
1015	573	565
1020	99	97
1006	431	428
980	575	587
989	709	717
1002	765	763

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1933phae.proj.12:1M

DM - RB 2662 - Feb. 19, 1934

Strip	Class	Star	y	x	Deff.	Deff.	cl.	Dk.	volt.
	o		2151	887	722	—	1460	403	
21.6	f		2170	432	1103	1281	1436	408	
	f		2169	478	656	608	1453	403	
	f		2167	899	1184	1267	1448	408	
	f		2172	978	1237	1218	1437	404	
	f		2171	1070	1052	938	1467	403	
21.8	f		2184	468	1047	982	1461	402	
	f		2187	817	1192	1287	1469	403	
	f		2181	867	1054	1066	1452	403	
	f		2180	1198	700	828	1468	400	
22.0	N		2200	427	1048	—	1417	442	
	o		2203	461	984	—	1402	433	
	f		2214	572	666	667	1433	432	
	f		2201	687	822	1218	1422	433	
	f		2208	797	1092	1148	1421	437	
22.2	f		2221	376	913	1007	1432	441	
	b		2220	457	963	—	1413	438	
	o		2230	632	960	—	1417	432	
	o		2229	683	628	—	1422	430	
	f		2227	778	770	703	1418	428	
22.4	f		2240	412	708	778	1421	428	
	f		2247	447	953	828	1412	424	
	o		2249	642	1093	—	1402	427	
	f		2239	652	1093	1100	1430	427	
	b		2240	927	658	—	1423	419	
	f		2235	1188	1219	1157	1418	423	
	f		2251	1282	1172	1119	1447	423	
22.6	b		2272	537	843	—	1384	410	
	f		2278	542	833	819	1388	416	
	f		2261	549	1030	972	1440	417	

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1999phae.proj.12:1M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
1010	269	266
978	759	776
1000	179	179
990	767	775
983	773	786
1014	539	532
1009	562	557
1010	786	778
999	607	608
1018	339	333
974	605	621
969	551	569
1001	234	234
989	784	793
984	683	694
991	519	524
975	525	538
985	528	536
992	98	99
990	333	336
993	315	317
988	465	471
975	666	683
1003	669	667
1004	239	238
995	665	668
1024	722	705
971	430	443
972	410	422
983	584	594

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1933phae.proj.12:1M

DP - RB 2662 - Feb. 19, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk.	Volt.
	f		2276	568	857	787	1382	#2	
	b		2268	878	788	—	1393	#3	
	f		2266	1041	1252	1232	1417	#4	
	b		2268	1070	922	—	1416	#3	
	b		2270	1073	1008	—	1404	#2	
22.8	f		2291	669	1113	1060	1388	#8	
	b		2291	688	892	—	1406	#2	
	f		2280	878	712	620	1397	#3	
	f		2288	978	947	1028	1400	#4	
	f		2281	1332	1128	1168	1389	#3	
23.0	f		2300	456	1000	1043	1402	#5	
	f		2312	480	918	952	1396	#2	
	f		2300	613	1138	1130	1388	#6	
	f		2304	707	894	897	1403	#3	
	f		2313	832	1128	1071	1358	398	
	f		2300	833	897	871	1384	398	
	f		2298	881	1061	1112	1389	#3	
	f		2309	1043	932	908	1393	393	
	f		2303	1142	999	980	1418	398	
	b		2311	1198	701	—	1404	398	
	f		2311	1302	1067	1128	1412	398	
23.2	f		2317	468	983	911	1392	393	
	f		2329	603	1151	1180	1363	393	
	f		2330	763	1068	1091	1382	401	
	f		2317	799	893	842	1392	397	
	f		2320	804	689	749	1362	387	
	f		2321	819	742	788	1394	378	
	f		2323	1204	940	1077	1377	397	

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1933phae.proj.121M

Cl.-Dk.	Defl.-Dk.	Ref. Defl.
970	410	423
980	375	383
1003	828	826
1003	509	507
992	596	601
970	668	689
994	480	483
994	263	265
996	583	585
986	745	756
997	616	618
978	523	535
982	728	741
1000	492	492
960	701	730
986	486	493
986	683	693
1000	552	552
1020	591	579
1006	303	301
1016	701	690
999	529	530
970	772	796
981	678	691
995	470	472
975	332	341
1076	367	341
980	611	623

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1933phae.proj.1201M

H. J. B. — RB 2662 — Feb. 20, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt
19.2	f		2329	602	1247	1222	1452	493
	f		2330	763	1141	1170	1458	500
	f		2317	798	894	903	1458	500
	f		2321	803	743	792	1428	503
	f		2321	819	782	848	1467	498
	f		2322	1253	1052	1032	1462	503
23.4	f		2347	643	638	667	1476	507
	f		2353	842	938	1023	1448	498
	f		2357	873	1159	1200	1443	573
	f		2347	1062	1097	1094	1453	493
	s		2357	1069	693	—	1487	517
	f		2350	1103	988	1003	1488	513
	f		2347	1262	1132	1113	1487	507
23.6	s		2357	633	1042	—	1448	507
	s		2356	683	1152	—	1463	507
	f		2361	958	532	579	1473	509
	f		2389	750	492	589	1438	502
	f		2392	897	863	882	1458	493
24.0	s		2406	460	1109	—	1452	508
	f		2403	537	1202	1253	1449	507
	f		2408	818	1202	1224	1447	508
	f		2404	881	1103	1074	1462	572
	f		2408	1104	1072	1088	1467	514
	f		2403	1189	993	—	1467	503
24.2	f		2420	572	1098	1083	1453	513
	f		2432	628	648	607	1457	508
	f		2429	768	1123	1158	1422	512
	f		2430	796	1222	1178	1447	503
	f		2431	992	1198	1133	1447	513
24.4			2440	802	1230	1187	1440	508

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1933phae.proj.1211M

Cl.-Dk.	Dopf.-Dk.	Red. Dopf.
959	741	773
958	655	684
958	398	415
925	264	285
969	317	327
959	539	562
969	145	150
950	482	507
930	666	716
960	602	627
970	176	181
975	482	494
980	615	628
941	535	569
956	645	675
964	16	17
936	38	41
965	379	393
944	601	637
942	720	764
939	703	749
950	576	606
953	566	594
964	490	508
940	577	614
949	119	125
910	628	690
944	697	738
934	652	698
932	700	751

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1933phae.proj.1201M

N.J.P. – RB 2662 – Feb. 20, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
			2450	890	993	950	1447	507
			2457	1038	1174	1222	1457	512
			2440	1088	1188	1217	1442	578
			2450	1088	1262	1280	1448	513
24.6			2462	532	1223	1193	1432	578
			2476	597	752	710	1442	510
			2467	708	1163	1253	1452	513
			2472	718	1110	1130	1440	578
			2467	842	1166	1228	1447	522
			2459	1059	1034	—	1452	513
24.8			2480	712	773	812	1427	514
			2488	783	1163	—	1442	517
			2492	827	1260	1218	1438	510
			2492	910	1218	1243	1442	503
			2467	1131	1118	1214	1452	519
			2509	779	967	992	1453	509
			2510	918	659	668	1428	513
			2509	974	1063	1050	1422	497
			2520	976	828	923	1453	523

Plate Finished.

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1933phae.proj.4211M

Cl.-Dk.	Defl-Dk.	Red. Defl.
940	464	494
945	686	726
924	684	740
935	759	812
914	690	755
932	221	237
909	695	740
922	602	653
925	675	730
939	521	555
910	278	304
925	646	698
928	729	786
939	727	774
933	647	693
944	470	498
915	150	164
925	559	604
930	352	378

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1933phae.proj.1291M

M. M - ~~H.S.P.~~ - RB 37 ~~26~~62 - February 20, 1934

Ship	Class	Star	y	x	Defl.	Defl.	Q.	Dk.	Volt.
14.6	f		1468	840	1120	1182	1232	528	
15.0	b		1498	880	1010	—	1248	532	
15.6	b		1562	730	860	—	1252	540	
15.8	f		1580	632	940	1010	1248	502	
	b		1580	928	952	—	1208	540	
16.0	f		1608	872	1050	1132	1282	550	
	b		1608	910	823	—	1262	532	
	f		1602	1042	1021	1061	1278	540	
	f		1608	1092	991	1032	1268	548	
	f		1605	1092	1010	1020	1248	542	
16.2	b		1630	1220	978	—	1271	540	
16.4	f		1600	972	1018	1038	1208	532	
16.6	f		1678	442	541	558	1238	522	
16.8	b		1695	578	752	—	1207	518	
17.2	b		1735	362	528	—	1238	509	
17.4	b		1740	925	1032	—	1278	540	
	b		1735	1030	1128	—	1281	542	
	b		1738	1028	890	—	1288	528	
	b		1748	1238	1038	—	1271	522	
17.8	b		1779	661	878	—	1262	510	
	b		1782	1190	885	—	1279	570	
18.4	f		1803	582	872	888	1208	501	
	f		1852	900	828	810	1268	510	
	b		1805	1249	981	—	1262	501	
18.6	f		1870	582	1010	1082	1261	498	
19.8	b		1995	512	972	—	1238	498	
	b		2000	638	982	—	1272	488	
	f		2000	652	1100	1162	1268	482	
20.4	f		2040	1002	1031	980	1272	528	
	f		2038	813	948	1068	1298	520	

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1933phae.proj.4201M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
704	623	885
716	478	668
712	320	449
716	443	619
718	412	574
732	541	739
730	291	399
738	501	679
720	463	643
706	473	670
731	438	599
726	496	683
716	27	38
733	234	319
729	19	26
738	492	667
739	586	793
760	362	476
749	516	689
752	368	489
769	375	488
707	379	501
758	309	408
761	480	631
763	548	718
740	474	641
784	494	630
786	649	826
744	477	641
768	478	622

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1933phae.proj.1201M

M. M. — RB 8762 — Feb. 20, 1934

Strip	Class	Star	y	x	Defl.	Defl.	cl.	Dk.	volt.
	f		2043	422	1018	1038	1278	528	
	f		2052	690	762	792	1203	511	
	o		2040	1268	880	—	1296	510	
20.8	o		2088	920	1068	—	1242	510	
	o		2080	1042	762	~~762~~	1268	530	
21.0	f		2108	508	952	1038	1278	538	
	f		2110	1128	1018	1032	1262	540	
21.2	f		2130	1205	1088	1168	1300	542	
21.8	o		2178	842	798	—	1272	542	
22.0	o		2210	440	840	—	1288	562	
	f		2200	695	821	890	1272	568	
	f		2218	840	868	932	1280	558	
22.6	o		2270	950	892	—	1298	562	
	f		2250	418	1088	1168	1268	572	
22.8	o		2280	640	932	—	1258	572	
	o		2282	682	728	—	1278	566	
23.0	f		2312	865	810	900	1258	572	
23.2	f		2328	1188	1110	1061	1282	581	
	f		2305	582	941	990	1262	582	
23.8	o		2382	662	1028	—	1261	588	
	f		2380	1152	1110	1138	1268	590	
24.0	f		2418	690	871	910	1298	580	
24.2	o		2438	910	758	—	1248	588	
	f		2415	1190	890	900	1258	582	
	f		2~~415~~ 500	~~1190~~ 1198	1052	1090	1248	590	

Plate Finished

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1933phae.proj..1201M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
755	505	669
742	266	358
786	370	471
732	558	762
738	232	314
740	457	618
722	485	672
758	586	773
730	256	351
726	278	383
704	287	408
722	342	474
736	330	448
696	556	799
681	360	529
712	162	228
686	283	413
701	504	719
680	383	563
673	440	654
678	534	788
658	310	471
660	170	258
676	313	463
658	481	731

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C.C.J. — RB 3524 — Feb. 20, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	cl.	Dk.	wdt.
15.0	f		1500	841	1358	1345	1537	618	5.2
	~~*~~		~~1508~~	~~842~~	~~1345~~	—	~~1541~~	~~603~~	
15.6	s		1569	732	1330	—	1540	607	
	s		1570	769	883	—	1500	590	
	s		1571	888	1005	—	1478	578	
15.8	s		1581	639	1022	—	1533	580	
	s		1592	822	958	—	1496	590	
	s		1581	825	1350	—	1518	593	
	f		1589	828	1287	1315	1502	590	
	~~*~~		~~1584~~	~~828~~	~~1315~~	—	~~1501~~	~~600~~	
	f	m. m.	1586	825	1382	1291	1512	600	
	f		1580	872	1181	1238	1502	598	
16.4	s		1650	637	1078	—	1502	598	
	f		1638	718	1178	1261	1518	600	
	f		1718	582	1400	1418	1548	598	
17.4	f		1750	865	952	971	1498	608	
17.6	f		1768	518	943	988	1542	602	
17.8	s		1798	815	662	—	1522	602	
	s		1788	1010	792	—	1478	618	
	s		1790	1051	1232	—	1532	610	
18.0	s		1805	931	1180	—	1512	622	
18.4	f		1838	725	1270	1338	1569	646	
	f		1845	761	1248	1267	1492	628	
18.8	f		1882	1072	858	942	1498	638	
19.2			1935	1160	1331	1318	1512	648	
19.4			1945	1170	1218	1310	1532	648	
20.0	s		2000	695	1042	1582 →		648	
			2002	818	1060	1132	1612	630	
			1990	1190	1088	1142	1500	632	
20.2			2028	678	1258	1352	1568	610	

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Cl.-Dk.	Deff.-Dk.	Red. Deff.
919	733	798
~~908~~	~~742~~	
933	723	775
910	293	322
900	427	474
953	442	464
906	368	406
925	757	818
912	711 ~~697~~	780
~~901~~	~~713~~	
912	736	807
904	611	676
904	480	531
918	619	674
950	811	854
890	353	397
940	363	386
920	60	65
860	174	202
922	622	675
890	~~558~~	627
923	658	713
864	629	728
860	262	305
864	676	782
884	616	697
934	394	422
982	466	475
868	483	556
958	695	725

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M. M. – RB 3524 Feb. 20, 1934.

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
	s		2020	978	1408	—	1518	620
	s		2040	1081	642	—	1512	600
20.8	s		2082	1340	1021	—	1488	582
21.0	s		2102	1292	1228	—	1472	582
21.2	s		2120	580	900	—	1520	581
	f		2118	1300	850	910	1452	578
21.8	s		2180	1110	632	—	1468	590
22.0	f		2210	772/240 →		1248	1528	590
22.4	f		2242	762	1158	1210	1500	568
23.0	s		2315	1030	962	—	1478	588
23.2	f		2330	740	782	790	1472	550
23.8	s		2392	1239/960 →		—	1408	550
24.0	f		2405	532	968	980	1468	554
24.2	f		2422	1010	1140	1238	1450	553
24.6	f		2465	782	1052	1120	1432	550
24.8	f		2492	758	1050	1058	1438	552

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Cl.-Dk.	Defl.-Dk.	Red. Defl.
898	788	878
912	42	46
906	439	485
890	646	726
939	319	340
874	302	346
878	42	48
938	654	697
932	616	661
890	374	420
922	236	256
858	410	478
914	420	460
897	636	709
882	536	608
886	502	567

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1933phae.proj.12m1M

m. m. — RB 3504 — Feb. 24, 1934.

Slip	Class	Star	y	x	Deff.	Deff.	Cl.	Dk. volk
15.0			1530	638	1472	1500	1658	882
			1510	821	1582	1498	1708	892
15.6			1570	720	1500	—	1698	900
			1570	758	1088	—	1698	900
			1570	875	1188	—	1650	900
15.8			1580	528	1278	—	1688	900
			1592	810	1212	—	1662	892
			1590	808	1442	1462	1668	900
			1582	812	1488	—	1678	900
			1598	1148	1310	—	1721	910
16.0			1608	505	1532	1522	1688	902
			1600	668	1458	—	1692	908
			1610	908	1520	1582	1672	900
16.4			1650	625	1192	—	1678	900
			1645	695	1552	1538	1702	902
16.6			1675	965	1452	—	1700	900
			1660	1040	1472	1542	1692	900
17.0			1710	960	1492	1482	1710	910
17.2			1720	630	1462	—	1708	900
17.6			1775	492	1112	1158	1725	902
17.8			1768	592	1542	—	1692	908
			1758	845	1210	1248	1682	902
			1768	1105	1452	1532	1722	910
17.8			1792	800	938	—	1732	910
			1788	992	1078	—	1698	908
			1788	1040	1372	—	1698	908
			1782	1081	1512	1572	1735	902
18.0			1820	552	1312	—	1718	902
			1795	800	958	—	1742	900
18.2			1802	920	1372	—	1720	918

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Cl.-Dk.	Defl.-Dk.	Red. Defl.
776	604	778
816	648	794
798	600	752
798	188	236
750	288	384
788	378	480
770	320	416
768	552	719
778	588	756
811	400	493
786	625	795
784	550	702
772	651	843
778	292	375
800	493	616
800	552	690
792	607	766
800	577	721
808	562	696
823	233	283
784	634	809
780	324	415
812	582	717
822	28	34
790	170	215
790	464	587
833	640	768
816	410	502
842	58	69
802	454	566

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1933phae.proj.12m1M

Mt. W. – RB 3524 – Feb. 2, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	Dk. volt.
18.4	f		1845	705	1398	1438	1712	908
	f		1852	740	1482	1462	1732	918
18.6	o		1870	812	1088	—	1742	921
	f		1868	472	1290	1328	1710	902
	o		1860	730	1382	—	1710	918
18.8	f		1890	1052	1098	1108	1742	920
	o		~~1900~~	~~1000~~	~~1108~~	—	~~1700~~	~~900~~
19.0	o		1908	1160	1205	—	1748	910
19.2	o		1920	908	1478	—	1698	882
19.4	f		1940	1140	1448	1492	1715	908
	f		1950	1150	1442	1428	1738	908
19.8	f		1980	800	1528	1500	1722	910
20.0	o		2000	680	1132	—	1732	908
	f		2010	800	1322	1288	1720	910
	o		2019	960	1418	—	1710	910
	f		2000	1170	1358	1310	1750	910
20.2	f		2032	654	1398	1468	1742	910
20.4	o		2040	1068	1010	—	1728	918
20.6	o		2068	1142	1382	—	1742	910
20.8	o		2082	1330	1228	—	1762	910
21.0	o		2100	1280	1392	—	1778	908
21.2	o		2118	572	1210	—	1732	910
21.4	o		2148	722	1472	—	1700	920
21.8	f		2182	865	1442	1480	1710	902
	o		2179	1092	952	—	1728	910
22.2	f		2218	705	1418	1458	1732	901
22.4	f		2252	742	1382	1548	1728	890
22.8	o		2248	785	1322	—	1710	900
23.0	f		~~2248~~	570	1372	1432	1710	902
	o		2300	632	1682	—	1730	900

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Cl.-Dk.	Deff-Dk.	Red. Deff.
804	510	634
814	554	681
821	167	203
808	407	504
792	464	586
822	183	223
838	395	471
816	596	730
807	562	696
830	527	635
812	604	744
824	224	272
810	395	488
800	508	635
840	424	505
832	523	629
810	92	136
832	472	567
852	318	373
870	484	556
822	300	365
830	552	665
808	559	692
818	42	49
831	537	646
838	575	686
810	422	521
808	500	619
830	782	942

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1933phae.proj.12n1M

M. M. — RD 0524 — Feb. 21, 1934

Strip	Class	Star	y	x	Defl.	Defl.	Cl.	volt.
	b		2315	1012	1182	—	1698	900
23.4	f		2340	722	962	988	1678	892
	b		2350	1250	1480	—	1710	898
23.6	b		2365	750	1302	—	1712	900
23.8	b		2390	462	1425	—	1682	898
	f		2382	640	1438	1362	1682	900
24.0	f		2410	515	1252	1180	1718	898
24.2	f		2430	994	1438	1428	1700	900
24.6	f		2470	762	1260	1248	1642	890
24.8	f		2495	550	1402	1478	1683	898
25.0	f		2500	738	1298	1428	1720	898

Plate finished

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1933phae.proj..1201M

Q.-Dk.	Defl.-Dk.	Red. Defl.
798	282	353
786	83	106
812	532	655
812	402	495
784	527	672
782	500	639
820	318	388
800	533	666
752	364	484
785	542	690
822	465	566

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~~H~~ J.P. — RB 2581 — Feb. 21, 1933.

Slit	Class	Star	y	x	Defl.	Defl.	cl.	Dk.	volt.
15.0	f		1508	827	1679	1592	1922	877	
15.2	f		1519	823	1568	1573	1877	878	
	f		1530	1288	1647	1620	1947	882	
15.8	s		1580	588	1430	1838 →		888	
	f		1587	838	1558	1490	1842	900	
	f		1580	849	1242	1262	1830	877	
	s		1593	1087	1373	—	1827	877	
	f		1587	838	1559	1612	1848	868	
160	s		1601	1189	1263	—	1826	868	
	s		1600	1220	1406	—	1818	878	
16.2	s		1624	809	1473	—	1853	868	
	f		1620	901	1357	1268	1858	870	
	f		1620	1023	1630	1582	1839	873	
	s		1613	1153	923	—	1857	873	
16.4	f		1640	968	1431	1433	1858	890	
16.6	f		1672	711	1240	1188	1862	879	
	f		1659	843	1217	1193	1839	878	
	f		1667	1287	1337	1303	1867	879	
	s		1670	1281	897	—	1842	883	
16.8	f		1677	530	1439	1389	1882	879	
	s		1692	638	1039	—	1856	878	
	f		1679	697	1261	1192	1827	877	
	f		1692	708	1454	1392	1853	874	
	f		1686	1130	1447	1482	1862	871	
	s		1681	1250	1270	—	1857	873	
	s		1699	1297	1290	1838	1859	873	
17.0	s		1700	634	884	—	1855	871	
	s		1700	800	1450	—	1843	868	
	f		1702	900	1547	1452	1852	877	
	f		1701	1181	1567	1417	1840	873	

cont. in Book 98 p. 2

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1933phae.proj.1201M

Cl.-Dk.	Defl.-Dk.	Red. Defl.
1045	758	724
999	692	693
1065	751	705
950	542	571
942	624	662
953	375	393
950	496	522
980	717	732
958	394	411
940	528	562
985	605	614
980	442	451
966	733	759
984	50	51
968	542	560
983	335	341
961	327	340
978	441	451
959	14	15
1003	535	533
978	161	165
950	349	367
979	549	561
991	593	598
984	397	403
986	417	423
984	13	13
975	582	597
975	622	638
967	614	635

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