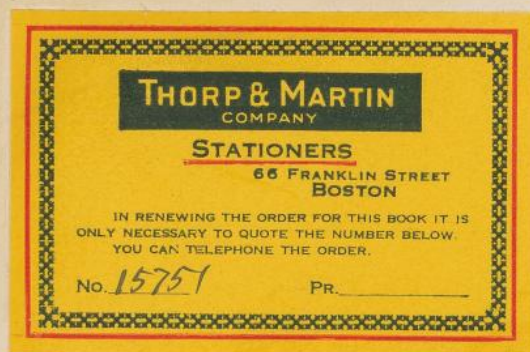


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11366
267

69

SCHILT PTM



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RH 866, Sept 10, 1929

FMC

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|-------|-------|------|------|------|------------------|------------------|------|-----|-------|
| | | 15 | 1970 | 951 | 247 | — | 1203 | 0— | |
| | | 1 | 1908 | 592 | 553 | — | 1290 | 0— | |
| | | 2 | — | — | 601 | — | 1269 | 0— | |
| | | 3 | — | — | 700 | — | 1250 | 0— | |
| | | 4 | — | — | 789 | — | 1310 | 0— | |
| | | 5 | — | — | 830 | — | 1300 | 0— | |
| | | 6 | — | — | 951 | — | 1300 | 0— | |
| | | 7 | — | — | 991 | — | 1300 | 0— | |
| | | 8 | — | — | 1159 | — | 1309 | 0— | |
| 19.6 | | 100 | 1970 | 339 | 1239 | 1245 | 1339 | 0— | |
| | | 101 | 1970 | 652 | 1170 | 1179 | 1310 | 0— | |
| | | 102 | 1970 | 740 | 958 | 961 | 1310 | 0— | |
| | | 103 | 1960 | 860 | 1030 | 1039 | 1311 | 0— | |
| | | 104 | 1961 | 949 | 911 | 921 | 1305 | 000 | |
| | | 105 | 1965 | 1300 | 1139 | 1160 | 1340 | 000 | |
| | | 106 | 1961 | 1452 | 1140 | 1130 | 1352 | 000 | |
| 19.8 | | 107 | 1989 | 312 | 1230 | 1249 | 1360 | 001 | |
| | | 108 | 1980 | 670 | 1072 | 1070 | 1323 | 000 | |
| | | 56 | 1980 | 725 | 1191 | — | 1315 | 010 | |
| | | 57 | 1980 | 808 | 1068 | — | 1301 | 003 | |
| | | 109 | 1989 | 1101 | 1145 | 1180 | 1309 | 002 | |
| | | 58 | 1988 | 1200 | 779 | — | 1325 | 008 | |
| | | 110 | 1980 | 1248 | 1158 | 1185 | 1320 | 008 | |
| | | 111 | 1991 | 1350 | 1151 | 1170 | 1351 | 005 | |
| 20.0 | | 59 | 2003 | 312 | 1052 | — | 1333 | 010 | |
| | | 112 | 2000 | 595 | 1190 | 1201 | 1340 | 011 | |
| | | 113 | 2003 | 720 | 1195 | 1202 | 1305 | 010 | |
| 20.2 | | 114 | 2027 | 359 | 1000 | 980 | 1350 | 008 | |
| | | 115 | 2030 | 890 | 1185 | 1195 | 1320 | 010 | |
| | | 116 | 2028 | 1039 | 1190 | 1210 | 1310 | 010 | |

| Cl.-Db. | Defl.-Db. | Defl.-Db. | Reduced | Reduced | Magn. | b. No. |
|---------|-----------|-----------|---------|---------|------------|--------|
| 1203 | 247 | — | 200 | — | | |
| 1290 | 653 | — | 428 | — | | |
| 1269 | 601 | — | 474 | — | | |
| 1250 | 700 | — | 561 | — | | |
| 1310 | 789 | — | 602 | — | | |
| 1300 | 830 | — | 638 | — | | |
| 1300 | 951 | — | 733 | — | | |
| 1300 | 991 | — | 764 | — | | |
| 1309 | 1159 | — | 884 | — | | |
| 1339 | 1239 | 1245 | 924 | 981 | 8.61, 8.72 | |
| 1310 | 1170 | 1179 | 893 | 900 | 8.41, 8.46 | |
| 1310 | 958 | 961 | 733 | 735 | 7.11, 7.12 | |
| 1311 | 1030 | 1039 | 786 | 793 | 7.54, 7.60 | |
| 1305 | 911 | 921 | 699 | 704 | 6.81, 6.87 | |
| 1346 | 1139 | 1160 | 847 | 866 | 8.00, 8.16 | |
| 1352 | 1110 | 1130 | 896 | 912 | 8.43, 8.57 | |
| 1360 | 1229 | 1248 | 904 | 917 | 8.51, 8.62 | |
| 1323 | 1072 | 1070 | 808 | 807 | 7.71, 7.70 | |
| 1305 | 1181 | — | 904 | — | 8.51 | 2035x |
| 1298 | 1085 | — | 898 | — | 8.45 | 204x |
| 1307 | 1143 | 1178 | 877 | 902 | 8.21, 8.48 | |
| 1317 | 771 | — | 587 | — | 5.96 | 205v |
| 1312 | 1150 | 1177 | 878 | 897 | 8.27, 8.43 | |
| 1346 | 1146 | 1165 | 852 | 865 | 8.05, 8.16 | |
| 1323 | 1042 | — | 866 | — | 8.16 | 844 ?x |
| 1329 | 1179 | 1190 | 886 | 895 | 8.33, 8.43 | |
| 1295 | 1185 | 1192 | 917 | 921 | 8.62, 8.64 | |
| 1342 | 962 | 972 | 717 | 724 | 6.98, 7.04 | |
| 1316 | 1175 | 1185 | 877 | 904 | 8.43, 8.51 | |
| 1300 | 1180 | 1200 | 907 | 924 | 8.53, 8.67 | |

2 MC R+ 866 Sept 11, 1929

MRS.

| Time | Star | Star | Star | Star | Star | Star | Star | Star |
|-------|------|------|------|------|------|------|------|------|
| 12:00 | 61 | 2025 | 1160 | 1255 | 1257 | 1318 | 211 | |
| 12:05 | 60 | 2029 | 1301 | 905 | — | 1342 | 210 | |
| 12:10 | 61 | 2030 | 1400 | 1259 | — | 1370 | 210 | |
| 12:15 | 62 | 2070 | 1460 | 605 | — | 1351 | 211 | |
| 12:20 | 113 | 2070 | 1492 | 975 | 985 | 1370 | 212 | |
| 12:25 | 63 | 2025 | 1504 | 740 | — | 1363 | 210 | |
| 12:30 | 114 | 2075 | 415 | 1200 | 1247 | 1310 | 215 | |
| 12:35 | 115 | 2058 | 580 | 680 | 681 | 1325 | 218 | |
| 12:40 | 116 | 2041 | 659 | 1169 | 1155 | 1320 | 215 | |
| 12:45 | 117 | 2065 | 652 | 1187 | 1210 | 1320 | 220 | |
| 12:50 | 118 | 2060 | 720 | 1145 | 1170 | 1320 | 219 | |
| 12:55 | 119 | 2070 | 975 | 1170 | 1178 | 1310 | 220 | |
| 1:00 | 64 | 2030 | 1138 | 1168 | — | 1340 | 220 | |
| 1:05 | 65 | 2072 | 211 | 1110 | — | 1380 | 235 | |
| 1:10 | 66 | 2100 | 401 | 1250 | — | 1359 | 235 | |
| 1:15 | 67 | 2020 | 469 | 1120 | — | 1390 | 237 | |
| 1:20 | 120 | 2070 | 680 | 707 | 720 | 1350 | 232 | |
| 1:25 | 121 | 2070 | 853 | 1167 | 1160 | 1345 | 232 | |
| 1:30 | 122 | 2095 | 910 | 885 | 885 | 1355 | 235 | |
| 1:35 | 123 | 2072 | 1220 | 1132 | — | 1345 | 235 | |
| 1:40 | 124 | 2072 | 1257 | 1163 | — | 1377 | 240 | |
| 1:45 | 125 | 2099 | 338 | 1250 | 1260 | 1385 | 238 | |
| 1:50 | 70 | 2110 | 432 | 1150 | — | 1360 | 237 | |
| 1:55 | 71 | 2110 | 462 | 1195 | — | 1305 | 240 | |
| 2:00 | 72 | 2112 | 770 | 1238 | 1240 | 1335 | 242 | |
| 2:05 | 73 | 2098 | 865 | 1210 | 1215 | 1335 | 244 | |
| 2:10 | 74 | 2097 | 874 | 910 | 910 | 1345 | 243 | |
| 2:15 | 75 | 2111 | 913 | 1220 | 1237 | 1344 | 244 | |
| 2:20 | 76 | 2109 | 992 | 925 | 1070 | 1350 | 244 | |
| 2:25 | 77 | 2114 | 1250 | 910 | — | 1340 | 242 | |

| Cl. - Dk | Diff. - Dk | Diff. - Dk | Reduced | Reduced | Magn. - L. K. |
|----------|------------|------------|---------|---------|---------------|
| 1302 | 1044 | 1048 | 802 | 806 | 7.65, 7.80 |
| 1332 | 895 | — | 573 | — | 6.65 240x |
| 1360 | 1249 | — | 492 | — | off-scale |
| 1340 | 594 | — | 444 | — | 4.95 239x |
| 1357 | 962 | 172 | 711 | 718 | 6.95, 6.98 |
| 1353 | 730 | — | 571 | — | 5.62 242x |
| 1296 | 1185 | 1192 | 917 | 923 | 8.22, 8.26 |
| 1307 | 662 | 663 | 516 | 507 | 5.36, 5.37 |
| 1305 | 1164 | 1140 | 881 | 874 | 5.50, 5.25 |
| 1310 | 1167 | 1190 | 892 | 917 | 5.40, 5.53 |
| 1281 | 1126 | 1167 | 880 | 897 | 5.25, 5.43 |
| 1290 | 1100 | 1108 | 853 | 859 | 5.06, 5.09 |
| 1340 | 1148 | — | 859 | — | 8.10 225x |
| 1346 | 1075 | — | 796 | — | 7.62 809x |
| 1324 | 1215 | — | 991 | — | off-scale |
| 1253 | 980 | — | 787 | — | 7.66 805x |
| 1318 | 675 | 688 | 573 | 524 | 5.43, 5.52 |
| 1313 | 1036 | 1028 | 790 | 785 | 7.57, 7.54 |
| 1320 | 860 | 850 | 645 | 645 | 6.43, 6.43 |
| 1310 | 1097 | — | 845 | — | 7.99 274x |
| 1337 | 1123 | — | 838 | — | 7.94 264x |
| 1347 | 1212 | 1222 | 898 | 917 | 8.45, 8.59 |
| 1323 | 1113 | — | 838 | — | 7.95 791x |
| 1263 | 1163 | — | 908 | — | 8.24 765x |
| 1298 | 1196 | 1198 | 924 | 926 | 8.28, 8.29 |
| 1311 | 1166 | 1171 | 892 | 896 | 8.40, 8.44 |
| 1302 | 867 | 867 | 665 | 665 | 6.57, 6.59 |
| 1300 | 1176 | 1193 | 901 | 918 | 8.48, 8.62 |
| 1306 | 941 | 956 | 719 | 730 | 6.12, 6.07 |
| 1298 | 868 | — | 670 | — | 6.62 279x |

6 New Series

M.R.D.

R.H. 866

Sept 11, 1929

| trip | Class | Store | y | x | Defl | Defl | Cl | Dk |
|------|-------|-------|------|------|------|------|------|-----|
| | f | 134 | 2110 | 1474 | 390 | 405 | 1390 | 040 |
| | fp | 73 | 2107 | 1510 | 1050 | — | 1405 | 044 |
| | | 15 | 1970 | 951 | 300 | — | 1260 | 040 |
| | | 1 | 1908 | 592 | 630 | — | 1340 | 040 |
| | | 2 | — | — | 652 | — | 1325 | 040 |
| | | 3 | — | — | 740 | — | 1318 | 038 |
| | | 4 | — | — | 838 | — | 1350 | 040 |
| | | 5 | — | — | 880 | — | 1324 | 038 |
| | | 6 | — | — | 990 | — | 1310 | 037 |
| | | 7 | — | — | 1030 | — | 1332 | 039 |
| | | 8 | — | — | 1180 | — | 1340 | 042 |

2gp. R.H. 866 - Sept 11, 1929

| | | | | | | | | |
|------|-----|------|-----|------|------|------|-----|-----|
| | 15 | 1970 | 951 | 302 | — | 1209 | 020 | 500 |
| | 1 | 1908 | 592 | 643 | — | 1349 | 021 | |
| | 2 | — | — | 653 | — | 1324 | 020 | |
| | 3 | — | — | 742 | — | 1320 | 020 | |
| | 4 | — | — | 840 | — | 1352 | 020 | |
| | 5 | — | — | 891 | — | 1340 | 020 | |
| | 6 | — | — | 1004 | — | 1320 | 021 | |
| | 7 | — | — | 1040 | — | 1341 | 022 | |
| | 8 | — | — | 1192 | — | 1348 | 028 | |
| 21.2 | 135 | 2125 | 356 | 1323 | 1338 | 1387 | 029 | |
| | 136 | 2120 | 448 | 1259 | 1266 | 1370 | 029 | |
| | 137 | 2129 | 531 | 1150 | 1162 | 1359 | 030 | |
| | 138 | 2138 | 670 | 998 | 1000 | 1332 | 033 | |
| | 139 | 2130 | 799 | 1245 | 1250 | 1347 | 031 | |
| | 140 | 2129 | 843 | 1280 | 1242 | 1348 | 030 | |
| | 141 | 2120 | 850 | 1255 | 1258 | 1345 | 037 | |

| Cl. - Dr. | Depl. - Dr. | Depl. - Dr. | Reduced | Reduced | Magn. | L. No. |
|-----------|-------------|-------------|---------|---------|----------------------|--------|
| 1350 | 350 | 365 | 259 | 270 | 3.18, 3.28 | |
| 1361 | 1006 | — | 787 | — | 7.14 | |
| 1200 | 260 | — | 213 | — | | |
| 1300 | 590 | — | 434 | — | | |
| 1285 | 612 | — | 477 | — | | |
| 1280 | 702 | — | 547 | — | | |
| 1310 | 798 | — | 609 | — | | |
| 1286 | 842 | — | 654 | — | | |
| 1273 | 963 | — | 749 | — | | |
| 1293 | 991 | — | 769 | — | | |
| 1298 | 1138 | — | 877 | — | | |
| 1189 | 282 | — | 237 | — | | |
| 1328 | 622 | — | 468 | — | | |
| 1304 | 633 | — | 485 | — | | |
| 1300 | 722 | — | 556 | — | | |
| 1332 | 820 | — | 617 | — | | |
| 1320 | 871 | — | 661 | — | | |
| 1299 | 983 | — | 758 | — | | |
| 1319 | 1018 | — | 772 | — | | |
| 1320 | 1164 | — | 884 | — | | |
| 1358 | 1294 | 1309 | 955 | 967 | off curve, off curve | |
| 1341 | 1230 | 1237 | 914 | 919 | 8.65, 8.69 | |
| 1329 | 1120 | 1132 | 843 | 848 | 7.92, 7.95 | |
| 1299 | 965 | 967 | 743 | 745 | 7.04, 7.06 | |
| 1316 | 1214 | 1219 | 923 | 927 | 8.73, 8.77 | |
| 1318 | 1250 | 1212 | 949 | 918 | 9.02, 8.69 | |
| 1308 | 1218 | 1221 | 928 | 931 | 8.71, 8.82 | |

2GP-RH 866- Sept 11, 1929

8 New Series

1929phae.pdf

| Star | Class | Star | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|------|-------|------|------|------|------|-----|---|---|---|
| 142 | 2122 | 1189 | 1117 | 1120 | 1347 | 038 | | | |
| 74 | 2153 | 351 | 1230 | — | 1400 | 038 | | | |
| 143 | 2145 | 359 | 1330 | 1322 | 1331 | 040 | | | |
| 144 | 2150 | 419 | 1292 | 1301 | 1381 | 041 | | | |
| 145 | 2148 | 530 | 1313 | 1313 | 1382 | 050 | | | |
| 146 | 2140 | 538 | 1183 | 1203 | 1387 | 043 | | | |
| 147 | 2138 | 670 | 1020 | 1011 | 1379 | 042 | | | |
| 148 | 2140 | 711 | 972 | 981 | 1349 | 042 | | | |
| 149 | 2149 | 721 | 910 | 903 | 1378 | 041 | | | |
| 150 | 2144 | 1017 | 1192 | 1209 | 1353 | 042 | | | |
| 151 | 2151 | 1023 | 1077 | 1103 | 1377 | 042 | | | |
| 75 | 2140 | 1266 | 888 | — | 1352 | 041 | | | |
| 76 | 2167 | 478 | 1253 | — | 1379 | 043 | | | |
| 77 | 2160 | 512 | 1224 | — | 1382 | 043 | | | |
| 78 | 2170 | 562 | 1187 | — | 1370 | 042 | | | |
| 79 | 2170 | 760 | 1277 | — | 1367 | 043 | | | |
| 152 | 2167 | 881 | 962 | 967 | 1332 | 041 | | | |
| 153 | 2162 | 983 | 1140 | 1149 | 1360 | 043 | | | |
| 154 | 2167 | 1060 | 1241 | 1245 | 1352 | 040 | | | |
| 155 | 2160 | 1135 | 960 | 969 | 1351 | 040 | | | |
| 156 | 2170 | 1200 | 1199 | 1199 | 1379 | 042 | | | |
| 80 | 2170 | 1437 | 1329 | — | 1420 | 042 | | | |
| 157 | 2179 | 450 | 1229 | 1220 | 1399 | 052 | | | |
| 158 | 2183 | 491 | 1188 | 1193 | 1401 | 053 | | | |
| 159 | 2180 | 560 | 1297 | 1321 | 1390 | 052 | | | |
| 160 | 2190 | 568 | 1314 | 1341 | 1381 | 051 | | | |
| 161 | 2190 | 589 | 1313 | 1321 | 1390 | 052 | | | |
| 162 | 2181 | 600 | 1262 | 1249 | 1397 | 052 | | | |
| 163 | 2193 | 744 | 1280 | 1292 | 1379 | 051 | | | |
| 81 | 2187 | 792 | 930 | — | 1390 | 052 | | | |

| cl.-dk | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | magn. | L. No. |
|--------|-----------|-----------|---------|---------|----------------------|--------|
| 1309 | 1079 | 1082 | 824 | 827 | 7.75, 7.77 | |
| 1352 | 1192 | — | 879 | — | 8.26 | h x |
| 1291 | 1290 | 1282 | 999 | 995 | off curve, off curve | |
| 1240 | 1241 | 1260 | 928 | 941 | 8.78, 8.92 | |
| 1332 | 1263 | 1263 | 966 | 966 | off curve, off curve | |
| 1344 | 1140 | 1160 | 848 | 863 | 7.97, 8.10 | |
| 1337 | 978 | 969 | 734 | 728 | 6.97, 6.93 | |
| 1307 | 930 | 939 | 711 | 718 | 6.79, 6.84 | |
| 1337 | 869 | 862 | 649 | 644 | 6.30, 6.26 | |
| 1311 | 1150 | 1167 | 877 | 891 | 8.26, 8.39 | |
| 1335 | 1035 | 1061 | 777 | 798 | 7.36, 7.52 | |
| 1311 | 847 | — | 647 | — | 6.28 | 294 ✓ |
| 1336 | 1210 | — | 908 | — | 8.57 | 764 x |
| 1339 | 1181 | — | 884 | — | 8.83 | |
| 1328 | 1145 | — | 866 | — | 8.14 | 748 ✓ |
| 1324 | 1234 | — | 928 | — | 8.77 | 32 x |
| 1291 | 921 | 926 | 714 | 718 | 6.81, 6.83 | |
| 1317 | 1097 | 1106 | 833 | 841 | 7.82, 7.90 | |
| 1312 | 1201 | 1205 | 921 | 923 | 8.72, 8.74 | |
| 1311 | 920 | 929 | 702 | 705 | 6.71, 6.76 | |
| 1337 | 1157 | 1157 | 866 | 866 | 8.13, 8.13 | |
| 1378 | 1277 | — | 928 | — | 8.77 | |
| 1347 | 1177 | 1168 | 871 | 866 | 8.20, 8.14 | |
| 1348 | 1135 | 1140 | 841 | 845 | 7.90, 7.93 | |
| 1338 | 1245 | 1269 | 933 | 951 | 8.83, 9.04 | |
| 1330 | 1263 | 1290 | 952 | 968 | off curve, off curve | |
| 1338 | 1261 | 1269 | 946 | 951 | 8.99, 9.04 | |
| 1345 | 1210 | 1199 | 899 | 887 | 8.47, 8.36 | |
| 1328 | 1229 | 1241 | 926 | 937 | 8.75, 8.89 | |
| 1338 | 878 | — | 667 | — | 6.37 | 627 ✓ |

SP-RH 866 - Sept 11, 1929

New Series

Strip Class

Star γ To Diff Diff Cl Dk Volts

| | | | | | | | |
|-----|------|------|------|------|------|-----|-----|
| 164 | 2190 | 859 | 1112 | 1111 | 1387 | 051 | |
| 165 | 2190 | 982 | 1251 | 1257 | 1380 | 053 | |
| 166 | 2180 | 1130 | 1098 | 1138 | 1391 | 052 | |
| 82 | 2188 | 1134 | 1110 | — | 1380 | 053 | |
| 167 | 2193 | 1139 | 1207 | 1217 | 1386 | 053 | |
| 168 | 2178 | 1252 | 1189 | 1189 | 1412 | 050 | |
| 83 | 2192 | 1281 | 1280 | — | 1424 | 053 | |
| 84 | 2190 | 1294 | 1127 | — | 1411 | 053 | |
| 85 | 2185 | 1428 | 983 | — | 1427 | 052 | |
| 169 | 2189 | 1463 | 1250 | 1259 | 1427 | 053 | |
| 10 | 1970 | 951 | 352 | — | 1279 | 051 | |
| 1 | 1908 | 592 | 700 | — | 1390 | 053 | |
| 2 | — | — | 719 | — | 1378 | 052 | |
| 3 | — | — | 802 | — | 1350 | 055 | |
| 4 | — | — | 888 | — | 1393 | 052 | |
| 5 | — | — | 930 | — | 1369 | 053 | |
| 6 | — | — | 1049 | — | 1367 | 058 | |
| 7 | — | — | 1081 | — | 1382 | 058 | |
| 8 | — | — | 1230 | — | 1382 | 053 | 490 |

FMC
RH 866
Sept 13, 1929

| | | | | | | | |
|-----|------|-----|-----|-----|------|-----|------|
| 15 | 1970 | 969 | 229 | — | 955 | 020 | 5.20 |
| 1 | 1905 | 610 | 451 | — | 1000 | 020 | |
| 2 | — | — | 509 | — | 968 | 021 | |
| 3 | — | — | 525 | — | 945 | 021 | |
| 4 | — | — | 581 | — | 980 | 021 | |
| 5 | — | — | 615 | — | 969 | 021 | |
| 6 | — | — | 710 | — | 962 | 022 | |
| 7 | — | — | 740 | — | 960 | 025 | |
| 8 | — | — | 858 | — | 970 | 025 | |
| 86 | 2211 | 394 | 889 | — | 1005 | 028 | |
| 170 | 2210 | 593 | 681 | 687 | 998 | 029 | |

| cc.-Dr. | Defl.-Dr. | Defl.-Dr. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|-------------------------|--------|
| 1336 | 1061 | 1060 | 794 | 793 | 7.50, 7.49 | |
| 1327 | 1198 | 1204 | 900 | 908 | 8.50, 8.57 | |
| 1339 | 1046 | 1086 | 782 | 814 | 7.40, 7.67 | |
| 1327 | 1057 | — | 795 | — | 7.50 | 338✓ |
| 1333 | 1154 | 1164 | 866 | 876 | 8.13, 8.23 | |
| 1362 | 1138 | 1138 | 835 | 835 | 7.85, 7.85 | |
| 1371 | 1227 | — | 816 | — | 8.44 | Cx |
| 1358 | 1074 | — | 791 | — | 7.47 | 29x |
| 1375 | 931 | — | 680 | — | 6.54 | 297x |
| 1374 | 1197 | 1206 | 869 | 877 | 8.18, 8.25 | |
| 1228 | 301 | — | 246 | — | | |
| 1337 | 647 | — | 484 | — | | |
| 1326 | 667 | — | 502 | — | | |
| 1295 | 747 | — | 577 | — | | |
| 1341 | 836 | — | 623 | — | | |
| 1316 | 877 | — | 666 | — | | |
| 1309 | 991 | — | 761 | — | | |
| 1324 | 1028 | — | 773 | — | | |
| 1329 | 1177 | — | 882 | — | | |
| 935 | 209 | — | 223 | — | | |
| 986 | 431 | — | 440 | — | | |
| 947 | 488 | — | 512 | — | | |
| 924 | 504 | — | 544 | — | | |
| 959 | 560 | — | 584 | — | | |
| 948 | 594 | — | 628 | — | | |
| 940 | 688 | — | 732 | — | | |
| 935 | 715 | — | 764 | — | | |
| 945 | 833 | — | 882 | — | | |
| 977 | 861 | — | 882 | — | | |
| 969 | 152 | 658 | 673 | 679 | 6.44 6.49 6.65, 6.73 | |

Curve Rejected

12

New Series

FMC RM 866

Sept. 12, 1929

| Star | class | star | y | x | Dye | Dye | ce | kb | coll. |
|------|-------|------|------|------|-----|-----|------|-----|-------|
| 22.0 | f | 171 | 2208 | 600 | 869 | 891 | 981 | 029 | |
| | f | 172 | 2211 | 689 | 921 | 908 | 989 | 028 | |
| | f | 173 | 2199 | 699 | 790 | 791 | 981 | 029 | |
| | f | 174 | 2210 | 753 | 800 | 811 | 970 | 030 | |
| | f | 175 | 2209 | 820 | 899 | 915 | 980 | 030 | |
| | f | 176 | 2199 | 829 | 739 | 741 | 980 | 030 | |
| | f | 177 | 2199 | 861 | 911 | 903 | 972 | 030 | |
| | f | 178 | 2200 | 1005 | 760 | 771 | 988 | 030 | |
| | f | 87 | 2210 | 1085 | 641 | — | 981 | 030 | |
| | f | 179 | 2209 | 1140 | 757 | 773 | 980 | 030 | |
| 22.2 | f | 180 | 2219 | 351 | 575 | 580 | 970 | 030 | |
| | f | 181 | 2220 | 612 | 711 | 715 | 1009 | 030 | |
| | f | 182 | 2230 | 619 | 900 | 899 | 990 | 030 | |
| | f | 88 | 2230 | 696 | 908 | — | 980 | 031 | |
| | f | 183 | 2230 | 804 | 851 | 853 | 982 | 032 | |
| | f | 184 | 2231 | 841 | 858 | 857 | 1001 | 031 | |
| | f | 185 | 2230 | 912 | 759 | 764 | 990 | 032 | |
| 22.4 | f | 186 | 2249 | 571 | 941 | 950 | 999 | 033 | |
| | f | 89 | 2240 | 601 | 804 | — | 1005 | 039 | |
| | f | 187 | 2250 | 770 | 640 | 649 | 998 | 038 | |
| | f | 90 | 2250 | 792 | 810 | — | 981 | 037 | |
| | f | 188 | 2248 | 969 | 940 | 938 | 980 | 038 | |
| | f | 189 | 2258 | 1135 | 873 | 879 | 980 | 040 | |
| | f | 190 | 2252 | 1302 | 868 | 872 | 1020 | 040 | |
| | f | 191 | 2250 | 1410 | 860 | 861 | 1018 | 040 | |
| 22.6 | f | 192 | 2261 | 439 | 950 | 860 | 1010 | 040 | |
| | f | 193 | 2261 | 893 | 745 | 750 | 973 | 040 | |
| | f | 194 | 2260 | 940 | 921 | 920 | 982 | 040 | |
| | f | 91 | 2262 | 1113 | 875 | — | 982 | 040 | |
| | f | 92 | 2269 | 1118 | 922 | — | 988 | 040 | |

| Cl.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn. | L.No. |
|---------|-----------|-----------|---------|---------|----------------|-------|
| 952 | 840 | 862 | 880 | 906 | 8.23 8.47 | 10 |
| 961 | 893 | 880 | 932 | 919 | 8.69 8.57 | 27 |
| 952 | 761 | 762 | 800 | 801 | 8.03 8.03 | 57 |
| 940 | 770 | 781 | 818 | 830 | 7.59 7.80 | 58 |
| 950 | 869 | 885 | 914 | 930 | 8.53 8.66 | 59 |
| 950 | 709 | 711 | 746 | 748 | 7.03 7.05 | 60 |
| 942 | 881 | 873 | 936 | 928 | 8.71 8.64 | 61 |
| 958 | 730 | 741 | 761 | 773 | 7.20 7.30 | 62 |
| 951 | 611 | — | 642 | — | — | 63 |
| 950 | 727 | 743 | 765 | 781 | 7.23 7.37 | 64 |
| 940 | 545 | 550 | 579 | 584 | 5.60 5.64 | 65 |
| 979 | 681 | 685 | 697 | 701 | 6.62 6.68 | 66 |
| 960 | 870 | 869 | 907 | 906 | 8.47 8.46 | 67 |
| 949 | 877 | — | 925 | — | Curve Rejected | |
| 950 | 819 | 821 | 861 | 864 | 8.08 8.07 | 68 |
| 970 | 827 | 826 | 853 | 852 | 8.00 7.99 | 69 |
| 958 | 727 | 732 | 759 | 764 | 7.18 7.20 | 70 |
| 966 | 908 | 917 | 940 | 949 | 8.76 8.82 | 71 |
| 966 | 765 | — | 792 | — | — | 72 |
| 966 | 602 | 611 | 628 | 637 | 6.62 6.67 | 73 |
| 944 | 773 | — | 820 | — | — | 74 |
| 942 | 902 | 900 | 89 | 955 | 8.13 8.91 | 75 |
| 940 | 843 | 839 | 896 | 892 | 8.36 8.33 | 76 |
| 980 | 828 | 832 | 844 | 848 | 7.93 7.95 | 77 |
| 978 | 820 | 821 | 839 | 840 | 7.88 7.89 | 78 |
| 970 | 910 | 820 | 939 | 847 | 8.13 7.92 | 79 |
| 933 | 715 | 710 | 754 | 760 | 7.14 7.17 | 80 |
| 942 | 881 | 880 | 886 | 886 | 8.27 8.26 | 81 |
| 942 | 835 | — | 886 | — | — | 82 |
| 948 | 882 | — | 931 | — | — | 83 |

14

New Series

FMC
MRD

R H 866

Sept 12, 1929

| trip | class | star | y | x | D _{eff} | D _{eff} | ce | D _h | Vol |
|-------------|-------|------|------|------|------------------|------------------|------|----------------|-----|
| 22.6 | f | 195 | 2268 | 1180 | 919 | 921 | 992 | 040 | |
| 22.8 | f | 196 | 2290 | 978 | 910 | 920 | 1628 | 041 | |
| | f | 197 | 2280 | 468 | 711 | 712 | 1020 | 041 | |
| | p | 93 | 2298 | 671 | 862 | — | 991 | 041 | |
| | f | 198 | 2291 | 682 | 939 | 940 | 989 | 042 | |
| | p | 94 | 2289 | 750 | 674 | — | 989 | 041 | |
| | f | 199 | 2287 | 910 | 880 | 880 | 990 | 043 | |
| | p | 95 | 2289 | 950 | 881 | — | 990 | 042 | |
| | p | 96 | 2281 | 1180 | 890 | — | 1000 | 042 | |
| MRD 23.0 | f | 200 | 2310 | 378 | 572 | 570 | 1040 | 055 | |
| | f | 201 | 2299 | 413 | 890 | 905 | 1027 | 057 | |
| | p | 97 | 2300 | 598 | 880 | — | 1007 | 058 | |
| | f | 202 | 2300 | 772 | 895 | 905 | 993 | 059 | |
| | f | 203 | 2305 | 821 | 950 | 960 | 1008 | 060 | |
| | f | 204 | 2305 | 1222 | 930 | 930 | 1015 | 056 | |
| | f | 205 | 2310 | 1460 | 690 | 700 | 1028 | 059 | |
| 23.2 | f | 206 | 2337 | 525 | 768 | 766 | 1010 | 057 | |
| | f | 207 | 2330 | 540 | 840 | 840 | 1014 | 058 | |
| | f | 208 | 2330 | 658 | 920 | 922 | 1005 | 060 | |
| | p | 98 | 2330 | 696 | 773 | — | 1015 | 058 | |
| | p | 99 | 2320 | 774 | 937 | — | 1000 | 056 | |
| | f | 209 | 2324 | 956 | 817 | 820 | 1005 | 060 | |
| | p | 100 | 2320 | 1283 | 870 | — | 1027 | 060 | |
| 23.4 | p | 101 | 2350 | 580 | 820 | — | 1020 | 059 | |
| | p | 102 | 2350 | 730 | 960 | — | 1020 | 060 | |
| | p | 103 | 2347 | 1107 | 870 | — | 1010 | 060 | |
| | f | 210 | 2340 | 1340 | 6140 | 642 | 1022 | 060 | |
| | f | 211 | 2340 | 1468 | 917 | 914 | 1042 | 060 | |
| | | 15 | 1970 | 969 | 275 | — | 932 | 060 | |
| | | 1 | 1908 | 610 | 510 | — | 1020 | 060 | |

| cl. - Dk. | Defl. - Dk. | Defl. - Dk. | Reduced | Reduced | Magn. | L. No. |
|-----------|-------------|-------------|---------|---------|---|----------------|
| 952 | 879 | 881 | 923 | 927 | ^{8.61} 8.76 8.69 8.78 | |
| 987 | 869 | 879 | 878 | 888 | 8.12 8.27 | |
| 979 | 670 | 671 | 684 | 685 | 6.53 6.54 | |
| 950 | 821 | — | 865 | — | | |
| 947 | 897 | 898 | 947 | 948 | 8.80, 8.80 | |
| 948 | 633 | — | 669 | — | | |
| 947 | 837 | 837 | 882 | 882 | 8.23 8.23 | |
| 948 | 839 | — | 885 | — | | |
| 968 | 848 | — | 884 | — | | |
| 985 | 517 | 455 | 525 | 463 | 5.16 4.60 | |
| 970 | 833 | 848 | 859 | 874 | 8.04 8.18 | |
| 965 | 832 | — | 861 | — | | |
| 934 | 836 | 846 | 890 | 902 | 8.31 8.41 | |
| 948 | 890 | 900 | 937 | 947 | 8.75, 8.80 | Curve Rejected |
| 959 | 874 | 874 | 913 | 913 | 8.53 8.52 | |
| 969 | 631 | 641 | 657 | 661 | 6.22 6.33 | |
| 953 | 711 | 709 | 745 | 743 | 7.05 7.04 | |
| 956 | 782 | 782 | 819 | 819 | 7.70 7.70 | |
| 945 | 860 | 862 | 910 | 911 | 8.51 8.51 | |
| 957 | 715 | — | 747 | — | | |
| 944 | 881 | — | 933 | — | | |
| 945 | 757 | 760 | 800 | 803 | 7.83 7.55 | |
| 967 | 816 | — | 837 | — | | |
| 961 | 761 | — | 792 | — | | |
| 960 | 900 | — | 938 | — | | |
| 950 | 810 | — | 853 | — | | |
| 962 | 580 | 582 | 602 | 604 | 5.80 5.81 | |
| 982 | 857 | 854 | 872 | 869 | 8.16 8.15 | |
| 872 | 215 | — | 247 | — | | |
| 960 | 460 | — | 468 | — | | |

16

New Series

MRD RH 866

Sept 12, 1929

| Strif | class | star | y | z | D _{eff} | D _{eff} | cl | D _h | Vol |
|-------|-------|------|---|---|------------------|------------------|-------|----------------|-----|
| | | 2 | — | — | 630 | — | 10 05 | 061 | |
| | | 3 | — | — | 660 | — | 10 00 | 062 | |
| | | 4 | — | — | 700 | — | 10 30 | 063 | |
| | | 5 | — | — | 725 | — | 10 25 | 060 | |
| | | 6 | — | — | 785 | — | 9 95 | 060 | |
| | | 7 | — | — | 805 | — | 10 20 | 061 | |
| | | 8 | — | — | 920 | — | 10 22 | 064 | |

NRP - RH 866 - Sept 12, 1929

| | | | | | | | | |
|------|-----|------|------|-----|-----|------|-----|-----|
| | 10 | 1970 | 969 | 260 | — | 863 | 050 | 540 |
| | 1 | 1908 | 610 | 487 | — | 998 | 050 | |
| | 2 | — | — | 513 | — | 1000 | 049 | |
| | 3 | — | — | 577 | — | 987 | 050 | |
| | 4 | — | — | 639 | — | 1013 | 050 | |
| | 5 | — | — | 669 | — | 1001 | 050 | |
| | 6 | — | — | 760 | — | 990 | 050 | |
| | 7 | — | — | 787 | — | 1008 | 050 | |
| | 8 | — | — | 893 | — | 998 | 050 | |
| 23.6 | 212 | 2370 | 482 | 921 | 929 | 1016 | 051 | |
| | 213 | 2370 | 549 | 334 | 349 | 959 | 050 | |
| p | 104 | 2367 | 434 | 691 | — | 1022 | 051 | |
| p | 105 | 2361 | 887 | 903 | — | 1014 | 052 | |
| | 214 | 2360 | 901 | 960 | 961 | 1003 | 051 | |
| | 215 | 2369 | 1101 | 890 | 883 | 1017 | 054 | |
| | 216 | 2370 | 1414 | 978 | 981 | 1031 | 053 | |
| 23.8 | 217 | 2382 | 478 | 798 | 810 | 999 | 054 | |
| | 218 | 2390 | 011 | 812 | 812 | 1020 | 053 | |
| | 219 | 2389 | 650 | 800 | 791 | 1027 | 054 | |
| p | 106 | 2381 | 760 | 951 | — | 1022 | 053 | |

| cl.-db. | Defl.-db. | Defl.-db. | Reduced | Reduced | magn. | L. Ks. |
|---------|-----------|-----------|---------|---------|----------------------|--------|
| 944 | 569 | — | 601 | — | | |
| 938 | 598 | — | 636 | — | | |
| 967 | 637 | — | 658 | — | | |
| 965 | 665 | — | 688 | — | | |
| 935 | 725 | — | 775 | — | | |
| 959 | 744 | — | 777 | — | | |
| 958 | 856 | — | 892 | — | | |
| | | | | | | |
| 813 | 210 | — | 258 | — | | |
| 948 | 437 | — | 461 | — | | |
| 951 | 464 | — | 486 | — | | |
| 937 | 527 | — | 562 | — | | |
| 963 | 589 | — | 610 | — | | |
| 951 | 619 | — | 650 | — | | |
| 940 | 710 | — | 756 | — | | |
| 953 | 737 | — | 772 | — | | |
| 948 | 843 | — | 889 | — | | |
| 965 | 870 | 878 | 902 | 910 | 8.59, 8.64 | |
| 909 | 284 | 299 | 312 | 329 | 3.35, 3.56 | |
| 971 | 840 | — | 660 | — | 6.53 | 606v |
| 962 | 861 | — | 885 | — | 8.26 | |
| 952 | 909 | 910 | 954 | 955 | offensive, offensive | |
| 963 | 836 | 829 | 868 | 861 | 8.33, 8.27 | |
| 978 | 925 | 928 | 945 | 948 | offensive, offensive | |
| 945 | 744 | 756 | 785 | 797 | 7.71, 7.78 | |
| 967 | 759 | 759 | 781 | 781 | 7.66, 7.66 | |
| 973 | 746 | 737 | 768 | 759 | 7.53, 7.48 | |
| 969 | 898 | — | 928 | — | 8.61 | |

18 New Series

2 GP - R H 866 - Sept 13 1929

| Star | Class | Star | 2 | 3 | Diff | Diff | CE | dk | Rate |
|--------|-------|------|------|------|------|------|------|-----|------|
| p | | 107 | 2380 | 780 | 807 | — | 1020 | 053 | |
| p | | 108 | 2390 | 820 | 773 | — | 1020 | 053 | |
| p | | 109 | 2383 | 917 | 903 | — | 1023 | 053 | |
| p | | 220 | 2390 | 917 | 758 | 759 | 1023 | 054 | |
| p | | 221 | 2390 | 970 | 730 | 738 | 1028 | 056 | |
| 24.0 p | | 222 | 2398 | 492 | 890 | 890 | 1031 | 057 | |
| p | | 110 | 2402 | 520 | 800 | — | 1031 | 058 | |
| p | | 223 | 2400 | 529 | 730 | 431 | 1038 | 059 | |
| p | | 224 | 2399 | 538 | 503 | 519 | 1039 | 056 | |
| p | | 111 | 2401 | 702 | 958 | — | 1026 | 059 | |
| p | | 112 | 2400 | 757 | 1000 | — | 1040 | 059 | |
| p | | 225 | 2402 | 800 | 943 | 950 | 1037 | 059 | |
| p | | 113 | 2400 | 827 | 927 | — | 1038 | 060 | |
| p | | 226 | 2405 | 827 | 947 | 970 | 1030 | 060 | |
| p | | 227 | 2410 | 1033 | 921 | 921 | 1037 | 060 | |
| p | | 228 | 2397 | 1292 | 841 | 850 | 1040 | 060 | |
| p | | 229 | 2398 | 1402 | 870 | 870 | 1051 | 060 | |
| 24.2 p | | 114 | 2430 | 470 | 860 | — | 1023 | 060 | |
| p | | 230 | 2437 | 481 | 450 | 471 | 1030 | 060 | |
| p | | 231 | 2431 | 670 | 980 | 986 | 1030 | 061 | |
| p | | 232 | 2430 | 683 | 895 | 919 | 1037 | 061 | |
| p | | 115 | 2424 | 737 | 956 | — | 1031 | 061 | |
| p | | 233 | 2421 | 873 | 870 | 810 | 991 | 061 | |
| p | | 116 | 2420 | 1087 | 820 | — | 1049 | 062 | |
| p | | 234 | 2439 | 1139 | 731 | 738 | 1042 | 061 | |
| p | | 117 | 2438 | 1189 | 788 | — | 1049 | 061 | |
| p | | 235 | 2421 | 1251 | 962 | 962 | 1050 | 061 | |
| p | | 118 | 2430 | 1331 | 963 | — | 1045 | 062 | |
| 24.4 p | | 236 | 2420 | 1389 | 923 | 940 | 1053 | 062 | |
| p | | 237 | 2444 | 579 | 975 | 980 | 1040 | 065 | |

| α -St. | Ref. -St. | Def. -St. | Reduced | Reduced | Magn. | N. No. |
|---------------|-----------|-----------|---------|---------|----------------------|------------------|
| 967 | 734 | — | 779 | — | 7.45 | 587 _v |
| 967 | 720 | — | 743 | — | 7.15 | 570 _v |
| 970 | 850 | — | 876 | — | 8.19 | |
| 969 | 704 | 705 | 725 | 726 | 7.16, 7.17 | |
| 972 | 674 | 682 | 694 | 702 | 6.88, 6.94 | |
| 974 | 833 | 833 | 858 | 858 | 8.24, 8.24 | |
| 973 | 792 | — | 814 | — | 7.64 | 681 _x |
| 979 | 671 | 672 | 686 | 687 | 6.80, 6.81 | |
| 983 | 447 | 463 | 454 | 471 | 4.89, 5.05 | |
| 967 | 899 | — | 927 | — | 8.60 | |
| 981 | 941 | — | 958 | — | off curve | |
| 978 | 884 | 891 | 903 | 910 | 8.60, 8.64 | |
| 978 | 867 | — | 885 | — | 8.26 | |
| 970 | 887 | 910 | 916 | 939 | 8.68, 8.88 | |
| 977 | 861 | 861 | 880 | 880 | 8.41, 8.41 | |
| 980 | 781 | 790 | 799 | 807 | 7.80, 7.87 | |
| 991 | 810 | 810 | 818 | 818 | 7.94, 7.94 | |
| 963 | 800 | — | 831 | — | 7.85 | 683 _x |
| 970 | 390 | 411 | 402 | 423 | 4.48, 4.61 | |
| 969 | 919 | 925 | 947 | 953 | off curve, off curve | |
| 976 | 834 | 858 | 856 | 880 | 8.23, 8.41 | |
| 970 | 895 | — | 922 | — | 8.56 | |
| 930 | 809 | 749 | 819 | 803 | 7.96, 7.83 | |
| 987 | 768 | — | 766 | — | 7.34 | 451 _v |
| 981 | 670 | 657 | 684 | 671 | 6.79, 6.67 | |
| 982 | 737 | — | 740 | — | 7.12 | 420 _x |
| 989 | 901 | 901 | 911 | 911 | 8.65, 8.65 | |
| 983 | 901 | — | 919 | — | 8.54 | |
| 991 | 861 | 878 | 864 | 885 | 8.32, 8.45 | |
| 975 | 910 | 915 | 933 | 938 | 8.83, 8.87 | |

20

New Series

JHP - R 74, 866 - Sept 13, 1979

| Strip | Class | Star | y | 96 | Sept | Sept | ce | Sk | Notes |
|-------|-------|------|------|------|------|------|------|-----|-------|
| | | 238 | 2448 | 621 | 944 | 950 | 1038 | 063 | |
| | | 239 | 2447 | 708 | 959 | 953 | 1029 | 063 | |
| | | 240 | 2440 | 990 | 841 | 841 | 1036 | 063 | |
| | | 241 | 2439 | 1139 | 728 | 732 | 1033 | 063 | |
| | | 242 | 2440 | 1151 | 989 | 997 | 1047 | 063 | |
| | | 243 | 2440 | 1291 | 999 | 990 | 1040 | 067 | |
| 24,6 | | 244 | 2468 | 450 | 941 | 807 | 1047 | 067 | |
| | | 245 | 2469 | 503 | 703 | 713 | 1020 | 063 | |
| | | 246 | 2470 | 517 | 910 | 901 | 1020 | 063 | |
| | | 247 | 2460 | 542 | 860 | 870 | 1040 | 063 | |
| | | 248 | 2470 | 551 | 871 | 889 | 1021 | 063 | |
| | | 249 | 2469 | 608 | 919 | 934 | 1039 | 066 | |
| | | 250 | 2462 | 672 | 857 | 858 | 1026 | 067 | |
| | | 119 | 2463 | 762 | 870 | — | 1032 | 068 | |
| | | 251 | 2467 | 780 | 910 | 912 | 1028 | 067 | |
| | | 252 | 2458 | 822 | 713 | 710 | 1003 | 067 | |
| | | 253 | 2459 | 961 | 582 | 562 | 1007 | 067 | |
| | | 120 | 2467 | 1059 | 932 | — | 1032 | 067 | |
| | | 254 | 2462 | 1092 | 1001 | 990 | 1032 | 067 | |
| | | 121 | 2461 | 1131 | 952 | — | 1043 | 067 | |
| | | 255 | 2469 | 1131 | 807 | 820 | 1047 | 068 | |
| | | 256 | 2469 | 1188 | 898 | 890 | 1053 | 069 | |
| | | 122 | 2470 | 1193 | 602 | — | 1057 | 068 | |
| | | 257 | 2471 | 1197 | 977 | 960 | 1043 | 069 | |
| | | 258 | 2470 | 1252 | 953 | 953 | 1059 | 069 | |
| | | 259 | 2463 | 1343 | 730 | 733 | 1050 | 069 | |
| | | 260 | 2459 | 1368 | 984 | 1000 | 1059 | 069 | |
| | | 261 | 2460 | 1381 | 760 | 654 | 1065 | 069 | |
| | | 1P | 1970 | 969 | 270 | — | 903 | 070 | |
| | | 1 | 1908 | 610 | 510 | — | 1009 | 069 | |

| Cl.-dk. | Diff. dk. | Diff.-dk. | Reduced | Reduced | Magn. | L.Ks. |
|---------|-----------|-----------|---------|---------|----------------------|-------|
| 967 | 881 | 887 | 911 | 917 | 8.63, 8.70 | |
| 966 | 896 | 890 | 927 | 921 | 8.78, 8.73 | |
| 973 | 778 | 778 | 800 | 800 | 7.81, 7.81 | |
| 976 | 665 | 669 | 686 | 690 | 6.80, 6.83 | |
| 984 | 926 | 934 | 940 | 948 | off curve, off curve | |
| 973 | 932 | 923 | 959 | 950 | off curve, off curve | |
| 980 | 874 | 740 | 893 | 757 | 8.52, 7.46 | |
| 959 | 640 | 650 | 669 | 679 | 6.65, 6.73 | |
| 967 | 847 | 838 | 881 | 872 | 8.43, 8.36 | |
| 977 | 797 | 807 | 823 | 833 | 7.98, 8.05 | |
| 958 | 808 | 826 | 841 | 860 | 8.11, 8.26 | |
| 963 | 853 | 868 | 877 | 891 | 8.39, 8.51 | |
| 959 | 790 | 791 | 821 | 822 | 7.96, 7.97 | |
| 964 | 802 | — | 832 | — | 7.85 | 583 ✓ |
| 961 | 843 | 845 | 876 | 878 | 8.38, 8.40 | |
| 936 | 646 | 643 | 690 | 688 | 6.83, 6.80 | |
| 940 | 575 | 495 | 548 | 526 | 5.46, 5.50 | |
| 965 | 865 | — | 886 | — | 8.26 | |
| 965 | 934 | 925 | 968 | 958 | off curve, off curve | |
| 976 | 885 | — | 908 | — | 8.45 | 442 x |
| 979 | 739 | 752 | 756 | 770 | 7.45, 7.57 | |
| 984 | 829 | 821 | 830 | 832 | 8.03, 8.05 | |
| 989 | 534 | — | 572 | — | 5.62 | 426 x |
| 974 | 908 | 891 | 930 | 914 | 8.80, 8.68 | |
| 990 | 884 | 884 | 893 | 893 | 8.62, 8.52 | |
| 981 | 661 | 664 | 674 | 677 | 6.70, 6.72 | |
| 990 | 915 | 931 | 924 | 941 | 8.75, off curve | |
| 976 | 691 | 585 | 694 | 688 | 6.88, 5.77 | |
| 833 | 200 | — | 241 | — | | |
| 940 | 241 | — | 469 | — | | |

| | | | | | | |
|---|---|---|-----|---|------|-----|
| 2 | — | — | 513 | — | 967 | 069 |
| 3 | — | — | 589 | — | 997 | 069 |
| 4 | — | — | 640 | — | 1002 | 068 |
| 5 | — | — | 697 | — | 991 | 069 |
| 6 | — | — | 710 | — | 1007 | 069 |
| 7 | — | — | 790 | — | 1013 | 069 |
| 8 | — | — | 903 | — | 999 | 069 |

540

IMC RH 866
Sept. 13, 1929

| | | | | | | |
|----|------|-----|-----|---|-----|-----|
| 15 | 1970 | 940 | 160 | — | 860 | 001 |
| 1 | 1908 | 581 | 379 | — | 928 | 002 |
| 2 | — | — | 399 | — | 898 | 002 |
| 3 | — | — | 460 | — | 899 | 005 |
| 4 | — | — | 515 | — | 922 | 002 |
| 5 | — | — | 550 | — | 910 | 004 |
| 6 | — | — | 645 | — | 918 | 005 |
| 7 | — | — | 671 | — | 909 | 005 |
| 8 | — | — | 799 | — | 915 | 008 |

24.8

Handwritten practice script for the letter 'f' on lined paper, showing various strokes and combinations.

| | | | | | | |
|-----|------|------|-----|-----|-----|-----|
| 123 | 2486 | 519 | 291 | — | 940 | 008 |
| 262 | 2491 | 535 | 781 | 791 | 921 | 009 |
| 124 | 2481 | 550 | 725 | — | 930 | 010 |
| 263 | 2488 | 639 | 392 | 411 | 950 | 010 |
| 264 | 2491 | 650 | 541 | 543 | 869 | 010 |
| 265 | 2479 | 939 | 729 | 781 | 940 | 011 |
| 266 | 2479 | 975 | 281 | 280 | 940 | 010 |
| 125 | 2481 | 1150 | 835 | — | 950 | 011 |
| 267 | 2481 | 1270 | 890 | 880 | 955 | 011 |
| 268 | 2509 | 450 | 841 | 841 | 931 | 012 |
| 127 | 2504 | 942 | 840 | — | 940 | 013 |
| 126 | 2515 | 940 | 841 | — | 932 | 013 |
| 128 | 2516 | 1032 | 479 | — | 942 | 011 |
| 269 | 2510 | 1061 | 590 | 590 | 947 | 012 |

25.0

| Cl.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|----------------------|------------------|
| 898 | 444 | — | 494 | — | | |
| 928 | 520 | — | 559 | — | | |
| 934 | 572 | — | 613 | — | | |
| 922 | 628 | — | 680 | — | | |
| 938 | 701 | — | 745 | — | | |
| 944 | 721 | — | 763 | — | | |
| 930 | 824 | — | 896 | — | | |
| 859 | 154 | — | 136 | — | | |
| 926 | 377 | — | 407 | — | | |
| 896 | 391 | — | 436 | — | | |
| 894 | 455 | — | 508 | — | | |
| 920 | 513 | — | 558 | — | | |
| 906 | 546 | — | 603 | — | | |
| 913 | 640 | — | 701 | — | | |
| 904 | 666 | — | 734 | — | | |
| 907 | 791 | — | 872 | — | | |
| 932 | 283 | — | 303 | — | 4.30 | 660 _x |
| 912 | 772 | 782 | 849 | 860 | 8.15, 8.23 | |
| 920 | 715 | — | 778 | — | 7.67 | 647 _x |
| 940 | 382 | 401 | 406 | 426 | 5.21, 5.33 | |
| 859 | 531 | 533 | 620 | 622 | 6.62, 6.64 | |
| 929 | 718 | 720 | 773 | 775 | 7.63, 7.65 | |
| 930 | 271 | 270 | 292 | 291 | 4.19, 4.18 | |
| 939 | 824 | — | 877 | — | 8.39 | |
| 944 | 879 | 869 | 928 | 918 | off curve, off curve | |
| 919 | 829 | 829 | 902 | 902 | 8.59, 8.59 | |
| 927 | 827 | — | 891 | — | 8.51 | 513 _x |
| 919 | 828 | — | 901 | — | 8.59 | |
| 931 | 468 | — | 502 | — | 5.83 | 474 _x |
| 935 | 578 | 578 | 618 | 618 | 6.60, 6.60 | |

24

New Series

FMC R+866 Sept. 13, 1929

| Star | class | star | y | x | Diff | Diff | cl | dh | Voct |
|------|-------|------|--------|------|------|------|-----|-----|------|
| 25.0 | f | 270 | 2509 | 1209 | 760 | 760 | 945 | 012 | |
| 25.2 | p | 129 | 2520 | 574 | 841 | — | 939 | 012 | |
| | p | 130 | 2530 | 601 | 822 | — | 943 | 013 | |
| | f | 271 | 2520 | 742 | 830 | 830 | 935 | 011 | |
| | f | 272 | 2530 | 753 | 789 | 800 | 930 | 012 | |
| | pf | 131 | 2530 | 861 | 360 | — | 880 | 012 | |
| | f | 273 | 2531 | 891 | 681 | 715 | 910 | 012 | |
| | f | 274 | 2520 | 1040 | 822 | 850 | 948 | 013 | |
| | p | 132 | 2524 | 1088 | 715 | — | 950 | 012 | |
| 25.4 | f | 275 | 2540 | 517 | 711 | 691 | 951 | 012 | |
| | f | 276 | 2540 | 681 | 728 | 731 | 940 | 011 | |
| | f | 277 | 2539 | 805 | 710 | 715 | 940 | 011 | |
| | f | 278 | 2540 | 885 | 781 | 771 | 890 | 012 | |
| | f | 279 | 2551 | 998 | 860 | 855 | 902 | 012 | |
| 25.6 | p | 133 | 2568 | 669 | 870 | — | 960 | 012 | |
| | p | 134 | 2560 | 912 | 700 | — | 935 | 011 | |
| | f | 280 | 2561 | 931 | 769 | 810 | 950 | 011 | |
| | f | 281 | 2568 | 979 | 825 | 844 | 940 | 010 | |
| | p | 135 | 2561.2 | 1050 | 845 | — | 931 | 010 | |
| | p | 136 | 2559.2 | 1192 | 730 | — | 961 | 010 | |
| 25.8 | f | 282 | 2581 | 760 | 591 | 599 | 939 | 010 | |
| | f | 283 | 2582 | 859 | 688 | 680 | 950 | 010 | |
| | f | 284 | 2590 | 920 | 643 | 640 | 940 | 011 | |
| | f | 285 | 2581 | 1098 | 710 | 713 | 930 | 010 | |
| 26.0 | f | 286 | 2610 | 620 | 885 | 870 | 952 | 010 | |
| | f | 287 | 2600 | 720 | 838 | 829 | 949 | 010 | |
| | f | 288 | 2611 | 740 | 648 | 639 | 940 | 010 | |
| | pf | 137 | 2600.2 | 940 | 807 | — | 920 | 010 | |
| | p | 138 | 2610.5 | 970 | 742 | — | 940 | 010 | |
| | f | 289 | 2609 | 1048 | 823 | 800 | 931 | 011 | |

| Cl. - Dk. | Defl. - Dk. | Defl. - Dk. | Reduced | Reduced | Magn. | D. No. |
|-----------|-------------|-------------|---------|---------|----------------------|--------|
| 933 | 748 | 748 | 801 | 801 | 7.82, 7.82 | |
| 927 | 829 | — | 892 | — | 8.63 | |
| 930 | 809 | — | 869 | — | 8.29 | |
| 924 | 819 | 819 | 885 | 885 | 8.45, 8.45 | |
| 918 | 777 | 788 | 848 | 859 | 8.13, 8.22 | |
| 868 | 348 | — | 401 | — | 5.17 | 536x |
| 898 | 669 | 703 | 744 | 781 | 7.45, 7.70 | |
| 945 | 809 | 837 | 857 | 885 | 8.22, 8.46 | |
| 938 | 703 | — | 750 | — | 7.47 | 457x |
| 939 | 649 | 679 | 743 | 723 | 7.43, 7.30 | |
| 929 | 717 | 720 | 773 | 776 | 7.71, 7.64 | |
| 929 | 699 | 704 | 752 | 756 | 7.50, 7.52 | |
| 898 | 769 | 759 | 876 | 866 | 8.36, 8.27 | |
| 890 | 848 | 843 | 953 | 949 | off curve, off curve | |
| 948 | 858 | — | 904 | — | 8.62 | |
| 924 | 689 | — | 745 | — | 7.44 | 523x |
| 939 | 758 | 799 | 807 | 850 | 7.86, 8.16 | |
| 930 | 815 | 834 | 878 | 897 | 8.37, 8.55 | |
| 921 | 835 | — | 908 | — | 8.64 | |
| 951 | 720 | — | 757 | — | 7.53 | 12x |
| 929 | 671 | 679 | 615 | 624 | 6.59, 6.64 | |
| 940 | 678 | 670 | 720 | 712 | 7.27, 7.22 | |
| 929 | 632 | 629 | 681 | 678 | 7.02, 6.99 | |
| 920 | 700 | 703 | 761 | 764 | 7.55, 7.57 | |
| 942 | 875 | 860 | 928 | 913 | off curve, off curve | |
| 939 | 828 | 869 | 883 | 926 | 8.43, off curve | |
| 930 | 638 | 629 | 687 | 676 | 7.04, 6.97 | |
| 910 | 797 | — | 877 | — | 8.37 | 519x |
| 930 | 732 | — | 787 | — | 7.72 | 509x |
| 920 | 812 | 809 | 883 | 880 | 8.43, 8.41 | |

26

new Series

MRD

RH 866 Sept 13, 1929

| trip | class | star | y | z | Diff | Diff | a | dk | Volts |
|------|-------|------|------|------|------|------|-----|-----|-------|
| 26.2 | p | 139 | 2625 | 625 | 820 | — | 944 | 08 | |
| | f | 290 | 2630 | 650 | 569 | 575 | 945 | 010 | |
| | f | 291 | 2630 | 970 | 520 | 515 | 941 | 011 | |
| | f | 292 | 2620 | 1057 | 620 | 625 | 925 | 08 | |
| 26.4 | f | 293 | 2650 | 759 | 640 | 640 | 930 | 09 | |
| | f | 294 | 2647 | 810 | 825 | 850 | 922 | 06 | |
| | f | 295 | 2640 | 920 | 615 | 620 | 922 | 05 | |
| | p | 140 | 2640 | 1010 | 590 | — | 930 | 07 | |
| 26.6 | f | 296 | 2669 | 747 | 525 | 520 | 935 | 06 | |
| | p | 141 | 2670 | 790 | 604 | — | 920 | 04 | |
| | p | 142 | 2665 | 873 | 665 | — | 928 | 05 | |
| | f | 297 | 2659 | 883 | 700 | 700 | 921 | 06 | |
| | | 15 | 1970 | 940 | 130 | — | 812 | 01 | |
| | | 1 | 1908 | 581 | 330 | — | 895 | 01 | |
| | | 2 | — | — | 350 | — | 875 | 0 | |
| | | 3 | — | — | 420 | — | 875 | 0 | |
| | | 4 | — | — | 470 | — | 895 | 02 | |
| | | 5 | — | — | 520 | — | 880 | 01 | |
| | | 6 | — | — | 615 | — | 870 | 01 | |
| | | 7 | — | — | 640 | — | 885 | 02 | |
| | | 8 | — | — | 765 | — | 882 | 04 | |

Plate
Finished

| cl.-Dk. | diff.-Dk. | diff.-Dk. | Reduced | Reduced | magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------------------|------------------|
| 936 | 812 | — | 817 | — | 8.28 | |
| 905 | 559 | 565 | 598 | 604 | 6.47, 6.53 | |
| 930 | 509 | 504 | 647 | 542 | 6.11, 6.88 | |
| 917 | 612 | 617 | 669 | 674 | 6.93, 6.97 | |
| 921 | 631 | 631 | 684 | 684 | 7.03, 7.03 | |
| 916 | 819 | 844 | 890 | 920 | 8.50, <i>off error</i> | |
| 917 | 610 | 615 | 664 | 670 | 6.91, 6.93 | |
| 923 | 573 | — | 621 | — | 6.62 | 498 ^x |
| 929 | 519 | 514 | 558 | 553 | 6.18, 6.14 | |
| 916 | 606 | — | 655 | — | 6.84 | |
| 923 | 660 | — | 714 | — | 7.24 | 534 ^x |
| 915 | 694 | 694 | 755 | 755 | 7.52, 7.52 | |
| 811 | 129 | — | 159 | — | | |
| 894 | 339 | — | 367 | — | | |
| 875 | 350 | — | 401 | — | | |
| 875 | 420 | — | 482 | — | | |
| 893 | 468 | — | 522 | — | | |
| 879 | 519 | — | 590 | — | | |
| 869 | 614 | — | 708 | — | | |
| 883 | 638 | — | 721 | — | | |
| 878 | 761 | — | 864 | — | | |

28 New Series

JGP-RH 854 - Sept 19, 1929

| Strip | Cluster | 2 | 3 | Diff | Diff | Cl | dk | Pcts |
|-------|---------|----|------|------|--------------------------------|-----|-----|---------|
| | | 10 | 2134 | 678 | 221 | — | 919 | 0 - 535 |
| | | 1 | 2022 | 1021 | 394 | — | 953 | 0 - |
| | | 2 | — | — | 380 | — | 941 | 0 - |
| | | 3 | — | — | Partly fused with a field star | | | |
| | | 4 | — | — | 551 | — | 951 | 0 - |
| | | 5 | — | — | 639 | — | 972 | 0 - |
| | | 6 | — | — | 718 | — | 967 | 0 - |
| | | 7 | — | — | 744 | — | 978 | 0 - |
| | | 8 | — | — | 875 | — | 979 | 0 - |
| 14.2 | f | 1 | 1419 | 657 | 660 | 651 | 952 | 0 - |
| 14.4 | p | 1 | 1439 | 528 | 888 | — | 970 | 0 - |
| | f | 2 | 1449 | 691 | 500 | 467 | 948 | 0 - |
| | p | 2 | 1440 | 841 | 833 | — | 940 | 0 - |
| 14.6 | p | 3 | 1470 | 730 | 890 | — | 950 | 0 - |
| | p | 4 | 1477 | 746 | 877 | — | 950 | 0 - |
| | f | 3 | 1470 | 813 | 900 | 892 | 955 | 0 - |
| | f | 4 | 1460 | 899 | 864 | 880 | 940 | 0 - |
| 14.8 | f | 5 | 1490 | 461 | 822 | 820 | 955 | 0 - |
| | p | 5 | 1486 | 523 | 897 | — | 969 | 0 - |
| | p | 6 | 1481 | 711 | 880 | — | 958 | 0 - |
| | f | 6 | 1486 | 758 | 871 | 877 | 952 | 0 - |
| | p | 7 | 1480 | 808 | 333 | — | 943 | 0 - |
| | p | 8 | 1492 | 901 | 764 | — | 941 | 0 - |
| 15.0 | f | 7 | 1508 | 689 | 649 | 643 | 958 | 0 - |
| | p | 9 | 1500 | 780 | 777 | — | 949 | 0 - |
| | f | 8 | 1499 | 808 | 838 | 830 | 955 | 0 - |
| 15.2 | f | 9 | 1528 | 788 | 830 | 839 | 947 | 0 - |
| | f | 10 | 1520 | 881 | 432 | 429 | 948 | 0 - |
| | f | 11 | 1531 | 913 | 837 | 830 | 931 | 0 - |
| 15.4 | f | 12 | 1540 | 370 | 428 | 390 | 939 | 0 - |

| cl.-dk. | Defl.-dk. | Defl.-dk. | Reduced | Reduced | Magn. L. No. |
|---------|-----------|-----------|---------|---------|--------------|
| 919 | 221 | — | 240 | — | |
| 953 | 344 | — | 413 | — | |
| 941 | 380 | — | 404 | — | |
| <hr/> | | | | | |
| 951 | 551 | — | 580 | — | |
| 972 | 639 | — | 656 | — | |
| 967 | 718 | — | 741 | — | |
| 978 | 744 | — | 762 | — | |
| 979 | 875 | — | 894 | — | |
| 952 | 660 | 657 | 693 | 684 | 6.81, 6.74 |
| 970 | 888 | — | 916 | — | 8.40 |
| 948 | 800 | 467 | 527 | 494 | 5.47, 5.14 |
| 940 | 833 | — | 785 | — | 7.49 |
| 950 | 890 | — | 937 | — | 8.55 |
| 950 | 877 | — | 924 | — | 8.45 |
| 955 | 900 | 892 | 942 | 934 | 8.70, 8.64 |
| 940 | 864 | 880 | 921 | 937 | 8.54, 8.65 |
| 955 | 822 | 820 | 761 | 759 | 7.36, 7.34 |
| 969 | 897 | — | 927 | — | 8.47 |
| 958 | 880 | — | 918 | — | 8.40 |
| 952 | 871 | 877 | 915 | 921 | 8.50, 8.54 |
| 943 | 333 | — | 354 | — | 3.67 |
| 941 | 764 | — | 812 | — | 7.67 |
| 958 | 649 | 643 | 678 | 672 | 6.69, 6.64 |
| 949 | 777 | — | 820 | — | 7.72 |
| 955 | 838 | 830 | 877 | 869 | 8.21, 8.15 |
| 947 | 830 | 839 | 874 | 885 | 8.20, 8.28 |
| 948 | 432 | 429 | 455 | 452 | 4.75, 4.73 |
| 931 | 837 | 830 | 809 | 802 | 7.71, 7.66 |
| 931 | 428 | 390 | 438 | 416 | 4.70, 4.33 |

660^x683^x647^x

329P - R 4854 - Sept 13, 1929

30 New Series

| Trig | Class | Station | Y | Z | Diff | Diff | Cl | Sk | Meters |
|--------|-------|---------|------|------|------|------|-----|----|--------|
| p | | 10 | 1546 | 457 | 919 | — | 950 | 0— | |
| p | | 13 | 1540 | 473 | 872 | 878 | 960 | 0— | |
| p | | 14 | 1548 | 498 | 832 | 836 | 961 | 0— | |
| p | | 15 | 1548 | 646 | 849 | 840 | 938 | 0— | |
| p | | 11 | 1540 | 870 | 470 | — | 941 | 0— | |
| p | | 16 | 1549 | 919 | 621 | 620 | 930 | 0— | |
| 15.6 p | | 12 | 1542 | 303 | 410 | — | 963 | 0— | |
| p | | 17 | 1560 | 934 | 927 | 931 | 968 | 0— | |
| p | | 18 | 1570 | 399 | 907 | 908 | 968 | 0— | |
| p | | 19 | 1540 | 460 | 480 | 483 | 958 | 0— | |
| p | | 20 | 1560 | 801 | 851 | 848 | 938 | 0— | |
| p | | 21 | 1560 | 892 | 800 | 793 | 929 | 0— | |
| p | | 22 | 1557 | 1000 | 728 | 728 | 919 | 0— | |
| 15.8 p | | 23 | 1586 | 319 | 503 | 501 | 960 | 0— | |
| p | | 13 | 1581 | 352 | 826 | — | 962 | 0— | |
| p | | 14 | 1579 | 383 | 883 | — | 968 | 0— | |
| p | | 24 | 1590 | 461 | 705 | 689 | 937 | 0— | |
| p | | 25 | 1590 | 984 | 482 | 467 | 919 | 0— | |
| 16.0 p | | 15 | 1600 | 422 | 801 | — | 966 | 0— | |
| p | | 16 | 1603 | 482 | 511 | — | 966 | 0— | |
| p | | 17 | 1610 | 500 | 801 | — | 953 | 0— | |
| p | | 18 | 1600 | 629 | 803 | — | 941 | 0— | |
| p | | 26 | 1607 | 960 | 871 | 880 | 922 | 0— | |
| 16.2 p | | 19 | 1630 | 367 | 898 | — | 960 | 0— | |
| p | | 20 | 1621 | 670 | 891 | — | 967 | 0— | |
| p | | 21 | 1629 | 709 | 881 | — | 950 | 0— | |
| p | | 22 | 1617 | 842 | 753 | — | 940 | 0— | |
| p | | 27 | 1631 | 1122 | 769 | 767 | 887 | 0— | |
| 16.4 p | | 28 | 1649 | 323 | 904 | 923 | 972 | 0— | |
| p | | 23 | 1652 | 422 | 900 | — | 969 | 0— | |

| cl.-sk | Diff.-sk | Diff.-sk | Reduced | Reduced | Magn. | L.No |
|--------|----------|----------|---------|---------|----------------------|------------------|
| 950 | 919 | — | 967 | — | 8.76 | |
| 960 | 872 | 878 | 909 | 913 | 8.46, 8.49 | |
| 961 | 832 | 836 | 864 | 868 | 8.13, 8.15 | |
| 938 | 849 | 840 | 904 | 895 | 8.43, 8.35 | |
| 941 | 770 | — | 817 | — | 7.70 | 681 ^x |
| 930 | 621 | 620 | 668 | 667 | 6.60, 6.59 | |
| 963 | 710 | — | 738 | — | 7.10 | 498 ^x |
| 968 | 927 | 931 | 959 | 963 | off curve, off curve | |
| 968 | 907 | 908 | 927 | 928 | 8.57, 8.58 | |
| 968 | 780 | 783 | 814 | 818 | 7.77, 7.79 | |
| 938 | 851 | 848 | 910 | 907 | 8.46, 8.43 | |
| 929 | 800 | 793 | 862 | 852 | 8.11, 8.04 | |
| 919 | 728 | 728 | 794 | 794 | 7.60, 7.60 | |
| 960 | 503 | 501 | 523 | 521 | 5.41, 5.39 | |
| 962 | 526 | — | 859 | — | 8.00 | 509 ^x |
| 968 | 883 | — | 916 | — | 8.36 | 519 ^x |
| 937 | 705 | 689 | 757 | 732 | 7.26, 7.13 | |
| 919 | 482 | 467 | 524 | 509 | 5.43, 5.29 | |
| 966 | 801 | — | 830 | — | 7.79 | 523 ^x |
| 966 | 511 | — | 630 | — | 5.47 | 536 ^x |
| 953 | 801 | — | 840 | — | 7.86 | 541 ^v |
| 941 | 803 | — | 857 | — | 7.95 | 583 ^v |
| 922 | 871 | 880 | 944 | 953 | 8.71, off curve | |
| 960 | 898 | — | 933 | — | 8.53 | |
| 967 | 891 | — | 920 | — | 8.43 | |
| 950 | 881 | — | 928 | — | 8.49 | |
| 940 | 753 | — | 801 | — | 7.60 | 679 ^v |
| 887 | 769 | 767 | 864 | 862 | 8.12, 8.10 | |
| 972 | 904 | 923 | 930 | 949 | 8.61, 8.75 | |
| 969 | 900 | — | 928 | — | 8.48 | 515 ^x |

32 new Series

NPP - R 44 554 - Sept 13, 1929

| Strip | Class | Star | γ | δ | Diff | Diff | Cl | dk | Wets |
|--------|---------------|------|----------|----------|---------------------------------|------|------|----|------|
| f | | 29 | 1640 | 459 | 900 | 902 | 963 | 0- | |
| f | | 30 | 1651 | 662 | 873 | 851 | 943 | 0- | |
| p | | 24 | 1650 | 731 | 899 | — | 950 | 0- | |
| f | | 31 | 1638 | 883 | 877 | 879 | 938 | 0- | |
| p | | 25 | 1650 | 1069 | 802 | — | 909 | 0- | |
| 16.6 f | | 32 | 1663 | 261 | 892 | 890 | 969 | 0- | |
| p | | 26 | 1660 | 304 | 890 | — | 970 | 0- | |
| p | | 27 | 1662 | 422 | 900 | — | 970 | 0- | |
| p | | 28 | 1670 | 668 | 881 | — | 947 | 0- | |
| p | | 29 | 1673 | 699 | 640 | — | 949 | 0- | |
| f | | 33 | 1666 | 730 | 707 | 703 | 936 | 0- | |
| f | | 34 | 1669 | 764 | 910 | 909 | 939 | 0- | |
| f | | 35 | 1661 | 772 | 900 | 898 | 943 | 0- | |
| f | | 36 | 1660 | 790 | 899 | 892 | 949 | 0- | |
| f | | 37 | 1666 | 797 | 858 | 832 | 943 | 0- | |
| p | | 30 | 1669 | 850 | 820 | — | 947 | 0- | |
| f | | 38 | 1658 | 1089 | 855 | 854 | 912 | 0- | |
| | | 10 | 2134 | 678 | 232 | — | 843 | 0- | |
| | | 1 | 2022 | 1021 | 399 | — | 927 | 0- | |
| | | 2 | — | — | 387 | — | 932 | 0- | |
| | | 3 | — | — | (See beginning sequence remark) | | | | |
| | | 4 | — | — | 543 | — | 930 | 0- | |
| | | 5 | — | — | 639 | — | 954 | 0- | |
| | | 6 | — | — | 709 | — | 948 | 0- | |
| | | 7 | — | — | 706 | — | 954 | 0- | |
| | | 8 | — | — | 861 | — | 953 | 0- | 530 |
| <hr/> | | | | | | | | | |
| FMC | Sept 14, 1929 | 18 | 2131 | 870 | 130 | — | 1178 | 0- | |
| | | 1 | 2022 | 525 | 360 | — | 1150 | 0- | |
| | | 2 | — | — | 469 | — | 1152 | 0- | |
| | | 3 | — | — | 440 | — | 1180 | 0- | |

| cl.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced - Magn. | L.K. |
|---------|-----------|-----------|---------|-----------------|----------------------|
| 963 | 900 | 902 | 934 | 936 | 8.64, 8.65 |
| 943 | 873 | 861 | 925 | 903 | 8.56, 8.41 |
| 950 | 899 | — | 947 | — | 8.61 |
| 938 | 877 | 879 | 938 | 940 | 8.67, 8.68 |
| 909 | 802 | — | 882 | — | 8.16 |
| 969 | 892 | 890 | 928 | 926 | 8.58, 8.56 |
| 970 | 890 | — | 911 | — | 8.41 |
| 970 | 900 | — | 929 | — | 8.49 |
| 947 | 881 | — | 930 | — | 8.51 |
| 949 | 640 | — | 674 | — | 6.64 |
| 936 | 707 | 703 | 756 | 752 | 7.30, 7.27 |
| 939 | 910 | 909 | 970 | 969 | off curve, off curve |
| 943 | 900 | 898 | 956 | 952 | off curve, off curve |
| 949 | 899 | 892 | 947 | 940 | 8.73, 8.68 |
| 943 | 868 | 832 | 910 | 883 | 8.46, 8.27 |
| 947 | 820 | — | 866 | — | 8.05 |
| 912 | 856 | 854 | 940 | 939 | 8.67, 8.66 |
| 843 | 232 | — | 275 | — | 2.80 |
| 927 | 399 | — | 431 | — | 4.50 |
| 932 | 387 | — | 415 | — | 4.33 |
| 930 | 543 | — | 584 | — | |
| 954 | 639 | — | 670 | — | |
| 948 | 709 | — | 749 | — | |
| 954 | 736 | — | 770 | — | |
| 953 | 861 | — | 912 | — | |
| 1078 | 130 | — | 111 | — | |
| 1150 | 360 | — | 313 | — | |
| 1152 | 469 | — | 407 | — | |
| 1180 | 440 | — | 373 | — | |

958^x513^x606^v

688

34

New Series

Miss

FMC RH 854 Sept 14, 1929 were made
Campbell's measurements

| strip | class | star | y | x | Diff | Diff | cl | dh | Volt |
|-------|----------------------|------|------|------|------|------|------|----|------|
| | | 4 | — | — | 579 | — | 1150 | 0— | |
| | | 5 | — | — | 671 | — | 1190 | 0— | |
| | | 6 | — | — | 760 | — | 1180 | 0— | |
| | | 7 | — | — | 798 | — | 1169 | 0— | |
| | | 8 | — | — | 1022 | — | 1180 | 0— | |
| 16.8 | to be re-measured | 1690 | 421 | 899 | — | 1115 | 0— | | |
| | | 1689 | 600 | 780 | 770 | 1159 | 0— | | |
| | | 1688 | 617 | 1011 | 1003 | 1160 | 0— | | |
| | | 1690 | 790 | 820 | — | 1185 | 0— | | |
| | | 1687 | 880 | 955 | 948 | 1190 | 0— | | |
| | | 1681 | 891 | 841 | — | 1191 | 0— | | |
| | | 1690 | 930 | 815 | — | 1192 | 0— | | |
| | | 1685 | 940 | 1048 | — | 1180 | 0— | | |
| | | 1679 | 971 | 1020 | — | 1190 | 0— | | |
| | | 1689 | 1130 | 600 | 602 | 1200 | 0— | | |
| 17.0 | | 1700 | 613 | 921 | 900 | 1159 | 0— | | |
| | | 1710 | 761 | 961 | — | 1180 | 0— | | |
| | | 1710 | 1053 | 941 | — | 1209 | 0— | | |
| 17.2 | | 1733 | 358 | 842 | — | 1120 | 0— | | |
| | | 1739 | 550 | 692 | 690 | 1130 | 0— | | |
| | | 1721 | 670 | 849 | — | 1150 | 0— | | |
| | | 1718 | 695 | 973 | 965 | 1170 | 0— | | |
| | | 1719 | 759 | 873 | 858 | 1180 | 0— | | |
| | | 1731 | 1361 | 1002 | — | 1200 | 0— | | |
| 17.4 | | 1740 | 540 | 1005 | — | 1120 | 0— | | |
| | | 1751 | 824 | 623 | — | 1178 | 0— | | |
| | | 1741 | 849 | 140 | 130 | 1170 | 0— | | |
| | | 1750 | 978 | 1013 | — | 1178 | 0— | | |
| | | 1741 | 1011 | 1010 | — | 1165 | 0— | | |
| | | 1741 | 1137 | 862 | 792 | 1190 | 0— | | |

on plate with the film side of plate
 put in machine incorrectly. HGP - Sept 14, 1929

35

| Obs. No. | Defl. - S.E. | Defl. - S.E. | Observed | Reduced | Magn. | Time |
|----------|--------------|--------------|----------|---------|-------|------|
| 1150 | 579 | — | — | — | — | — |
| 1190 | 671 | — | — | — | — | — |
| 1180 | 760 | — | — | — | — | — |
| 1169 | 798 | — | — | — | — | — |
| 1180 | 1022 | — | — | — | — | — |
| 1115 | 899 | — | — | — | — | — |
| 1159 | 780 | 770 | — | — | — | — |
| 1160 | 1011 | 1003 | — | — | — | — |
| 1185 | 820 | — | — | — | — | — |
| 1190 | 955 | 948 | — | — | — | — |
| 1191 | 841 | — | — | — | — | — |
| 1192 | 815 | — | — | — | — | — |
| 1180 | 1048 | — | — | — | — | — |
| 1190 | 1020 | — | — | — | — | — |
| 1200 | 600 | 602 | — | — | — | — |
| 1159 | 921 | 920 | — | — | — | — |
| 1180 | 961 | — | — | — | — | — |
| 1209 | 941 | — | — | — | — | — |
| 1120 | 842 | — | — | — | — | — |
| 1130 | 692 | 690 | — | — | — | — |
| 1150 | 849 | — | — | — | — | — |
| 1170 | 973 | 965 | — | — | — | — |
| 1180 | 873 | 858 | — | — | — | — |
| 1200 | 1002 | — | — | — | — | — |
| 1120 | 1005 | — | — | — | — | — |
| 1178 | 123 | — | — | — | — | — |
| 1170 | 140 | 130 | — | — | — | — |
| 1178 | 1013 | — | — | — | — | — |
| 1165 | 1010 | — | — | — | — | — |
| 1190 | 862 | 792 | — | — | — | — |

Repeated in BK 67, p 190
 16.8 - 19.4 =

36

Fmc R+ 854 Sept 14, 1929

| tr | class | star | y | x | Dupl | Dupl | cl | Dh | Volt |
|------|-------|------|------|------|------|------|------|----|------|
| 7.6 | f | | 1759 | 380 | 981 | 990 | 1100 | 0- | |
| | f | | 1765 | 473 | 869 | — | 1101 | 0- | |
| | f | | 1760 | 569 | 930 | — | 1121 | 0- | |
| | f | | 1772 | 616 | 921 | — | 1129 | 0- | |
| | f | | 1771 | 931 | 819 | 812 | 1179 | 0- | |
| | f | | 1769 | 1321 | 1015 | 978 | 1205 | 0- | |
| 17.8 | f | | 1790 | 392 | 995 | 990 | 1109 | 0- | |
| | f | | 1780 | 432 | 970 | — | 1085 | 0- | |
| | f | | 1787 | 670 | 927 | 940 | 1130 | 0- | |
| | f | | 1790 | 682 | 582 | 571 | 1139 | 0- | |
| | f | | 1799 | 959 | 970 | 972 | 1162 | 0- | |
| | f | | 1796 | 1139 | 1001 | 981 | 1165 | 0- | |
| | f | | 1790 | 1180 | 869 | — | 1169 | 0- | |
| 18.0 | f | | 1805 | 320 | 784 | — | 1143 | 0- | |
| | f | | 1810 | 335 | 901 | 882 | 1104 | 0- | |
| | f | | 1799 | 475 | 975 | 970 | 1090 | 0- | |
| | f | | 1810 | 491 | 702 | — | 1090 | 0- | |
| | f | | 1801 | 510 | 805 | 808 | 1109 | 0- | |
| | f | | 1810 | 701 | 305 | 300 | 1169 | 0- | |
| | f | | 1802 | 847 | 920 | — | 1180 | 0- | |
| | f | | 1818 | 861 | 1000 | 1002 | 1180 | 0- | |
| | f | | 1801 | 1082 | 941 | 925 | 1159 | 0- | |
| | f | | 1810 | 1089 | 985 | 981 | 1165 | 0- | |
| | f | | 1799 | 1298 | 561 | — | 1189 | 0- | |
| 18.2 | f | | 1821 | 1279 | 805 | — | 1165 | 0- | |
| 18.4 | f | | 1840 | 410 | 650 | 655 | 1089 | 0- | |
| | f | | 1852 | 650 | 790 | 791 | 1132 | 0- | |
| | f | | 1850 | 795 | 295 | 287 | 1159 | 0- | |
| | f | | 1845 | 1000 | 1015 | — | 1151 | 0- | |
| | f | | 1849 | 1239 | 1030 | 1048 | 1181 | 0- | |

| Obs. - Dk. | Defl. - Dk. | Defl. - Dk. | Admitted | Reduced | Magn. | Like |
|------------|-------------|-------------|----------|---------|-------|------|
| 1100 | 981 | 990 | 189 | 189 | 324 | 87 |
| 1101 | 864 | 864 | — | 189 | 351 | 211 |
| 1121 | 930 | 930 | — | 189 | 351 | 211 |
| 1139 | 921 | 921 | — | 189 | 351 | 211 |
| 1179 | 819 | 812 | 51 | 189 | 351 | 211 |
| 1205 | 1015 | 978 | 351 | 189 | 351 | 211 |
| 1109 | 995 | 996 | 189 | 189 | 351 | 211 |
| 1085 | 970 | — | — | 189 | 351 | 211 |
| 1130 | 927 | 940 | 189 | 189 | 351 | 211 |
| 1139 | 582 | 571 | — | 189 | 351 | 211 |
| 1162 | 970 | 972 | 189 | 189 | 351 | 211 |
| 1665 | 1001 | 981 | 189 | 189 | 351 | 211 |
| 1169 | 869 | — | — | 189 | 351 | 211 |
| 1143 | 784 | — | — | 189 | 351 | 211 |
| 1104 | 901 | 882 | 189 | 189 | 351 | 211 |
| 1090 | 975 | 970 | 189 | 189 | 351 | 211 |
| 1090 | 702 | — | — | 189 | 351 | 211 |
| 1109 | 805 | 808 | 189 | 189 | 351 | 211 |
| 1169 | 305 | 300 | 189 | 189 | 351 | 211 |
| 1180 | 920 | — | — | 189 | 351 | 211 |
| 1180 | 1000 | 1002 | 189 | 189 | 351 | 211 |
| 1159 | 941 | 925 | 189 | 189 | 351 | 211 |
| 1165 | 985 | 981 | 189 | 189 | 351 | 211 |
| 1187 | 561 | — | — | 189 | 351 | 211 |
| 1165 | 805 | — | — | 189 | 351 | 211 |
| 1089 | 650 | 656 | 189 | 189 | 351 | 211 |
| 1132 | 790 | 791 | 189 | 189 | 351 | 211 |
| 1159 | 295 | 287 | 189 | 189 | 351 | 211 |
| 1157 | 1015 | — | — | 189 | 351 | 211 |
| 1181 | 1030 | 1048 | 189 | 189 | 351 | 211 |

PH 85-4

Sept. 14, 1929

1929phae1.pr

| traps | class | star | y | x | Dye | Dye | cl | Dr | Use |
|-------|-------|------|------|------|------|------|------|----|-----|
| 18.6 | A | | 1873 | 455 | 920 | 931 | 1115 | 0- | |
| | | | 1871 | 650 | 1040 | — | 1160 | 0- | |
| | | | 1873 | 680 | 988 | — | 1161 | 0- | |
| | | | 1861 | 729 | 1091 | — | 1170 | 0- | |
| | | | 1869 | 829 | 590 | — | 1170 | 0- | |
| | | | 1861 | 890 | 1047 | 1030 | 1189 | 0- | |
| | | | 1860 | 895 | 540 | 530 | 1180 | 0- | |
| | | | 1861 | 949 | 639 | 587 | 1168 | 0- | |
| | | | 1872 | 962 | 1030 | 1030 | 1170 | 0- | |
| | | | 1865 | 1162 | 975 | — | 1188 | 0- | |
| 18.8 | | | 1888 | 1120 | 882 | 860 | 1162 | 0- | |
| 19.0 | | | 1919 | 380 | 921 | — | 1119 | 0- | |
| | | | 1900 | 471 | 1013 | — | 1120 | 0- | |
| | | | 1898 | 980 | 939 | 965 | 1163 | 0- | |
| | | | 1905 | 1072 | 709 | 701 | 1180 | 0- | |
| 19.2 | | 1910 | 1397 | 1015 | 1030 | 1173 | 0- | | |
| | | 1920 | 612 | 902 | 900 | 1150 | 0- | | |
| | | 1920 | 871 | 1062 | 1061 | 1189 | 0- | | |
| | | 1919 | 1155 | 879 | 861 | 1170 | 0- | | |
| 19.4 | | 1940 | 270 | 1001 | — | 1120 | 0- | | |
| | | 1947 | 353 | 970 | — | 1112 | 0- | | |
| | | 1950 | 739 | 910 | 905 | 1185 | 0- | | |
| | | 1958 | 904 | 703 | 700 | 1180 | 0- | | |
| | | 1945 | 1025 | 699 | 710 | 1177 | 0- | | |
| | | 1940 | 1135 | 1031 | — | 1181 | 0- | | |
| | | 1941 | 1381 | 1083 | 1088 | 1188 | 0- | | |
| | | 18 | 2131 | 870 | 120 | — | 1170 | 0- | |
| | | 1 | 2022 | 525 | 385 | — | 1149 | 0- | |
| | | 2 | — | — | 550 | — | 1140 | 0- | |
| | | 3 | — | — | 513 | — | 1170 | 0- | |

Omitted

| | | | | | | |
|------|------|------|------|------|------|------|
| 1115 | 920 | 831 | 831 | 831 | 831 | 831 |
| 1160 | 1040 | 1040 | 1040 | 1040 | 1040 | 1040 |
| 1161 | 988 | 988 | 988 | 988 | 988 | 988 |
| 1170 | 1091 | 1091 | 1091 | 1091 | 1091 | 1091 |
| 1170 | 691 | 691 | 691 | 691 | 691 | 691 |
| 1189 | 1047 | 1030 | 1030 | 1030 | 1030 | 1030 |
| 1180 | 540 | 536 | 536 | 536 | 536 | 536 |
| 1168 | 639 | 687 | 687 | 687 | 687 | 687 |
| 1170 | 1030 | 1030 | 1030 | 1030 | 1030 | 1030 |
| 1188 | 975 | 975 | 975 | 975 | 975 | 975 |
| 1162 | 882 | 860 | 860 | 860 | 860 | 860 |
| 1119 | 921 | 921 | 921 | 921 | 921 | 921 |
| 1120 | 1013 | 1013 | 1013 | 1013 | 1013 | 1013 |
| 1163 | 939 | 965 | 965 | 965 | 965 | 965 |
| 1180 | 709 | 701 | 701 | 701 | 701 | 701 |
| 1173 | 1015 | 1030 | 1030 | 1030 | 1030 | 1030 |
| 1160 | 902 | 900 | 900 | 900 | 900 | 900 |
| 1189 | 1062 | 1061 | 1061 | 1061 | 1061 | 1061 |
| 1170 | 879 | 861 | 861 | 861 | 861 | 861 |
| 1120 | 1001 | 1001 | 1001 | 1001 | 1001 | 1001 |
| 1112 | 970 | 970 | 970 | 970 | 970 | 970 |
| 1185 | 910 | 905 | 905 | 905 | 905 | 905 |
| 1180 | 703 | 700 | 700 | 700 | 700 | 700 |
| 1177 | 699 | 710 | 710 | 710 | 710 | 710 |
| 1181 | 1031 | 1031 | 1031 | 1031 | 1031 | 1031 |
| 1188 | 1083 | 1088 | 1088 | 1088 | 1088 | 1088 |
| 1170 | 120 | 120 | 120 | 120 | 120 | 120 |
| 1149 | 385 | 385 | 385 | 385 | 385 | 385 |
| 1140 | 500 | 500 | 500 | 500 | 500 | 500 |
| 1170 | 573 | 573 | 573 | 573 | 573 | 573 |

40 New Series

FMC R H 854 Sept 14, 1929

| trip | class | star | y | x | Diff | Diff | cl | db | Uet |
|------|-------|------|---|---|------|------|------|----|-----|
| | | 4 | — | — | 579 | — | 1112 | 0- | |
| | | 5 | — | — | 669 | — | 1190 | 0- | |
| | | 6 | — | — | 730 | — | 1170 | 0- | |
| | | 7 | — | — | 815 | — | 1178 | 0- | |
| | | 8 | — | — | 1015 | — | 1188 | 0- | |

24p- R H 854- Sept 14, 1929

510

| | | | | | | | |
|----|------|------|---|-----|------|----|-----|
| 10 | 2134 | 730 | 131 | — | 1030 | 0— | 510 |
| 1 | 2022 | 1047 | 333 | — | 1009 | 0— | |
| 2 | — | — | 342 | — | 1016 | 0— | |
| 3 | — | — | #3 unmeasurable because of fusion with pair | | | | |
| 4 | — | — | 550 | — | 1013 | 0— | |
| 5 | — | — | 639 | — | 1043 | 0— | |
| 6 | — | — | 746 | — | 1042 | 0— | |
| 7 | — | — | 779 | — | 1057 | 0— | |
| 8 | — | — | 940 | — | 1067 | 0— | |
| 83 | 1961 | 167 | 790 | 790 | 1060 | 0— | |
| 63 | 1971 | 290 | 921 | — | 1070 | 0— | |
| 64 | 1958 | 399 | 973 | — | 1079 | 0— | |
| 84 | 1969 | 431 | 830 | 818 | 1070 | 0— | |
| 65 | 1978 | 516 | 670 | — | 1052 | 0— | |
| 85 | 1964 | 528 | 737 | 738 | 1056 | 0— | |
| 86 | 1970 | 582 | 590 | 587 | 1025 | 0— | |
| 87 | 1970 | 590 | 642 | 640 | 1059 | 0— | |
| 88 | 1960 | 898 | 810 | 811 | 1073 | 0— | |
| 89 | 1970 | 912 | 904 | 911 | 1061 | 0— | |
| 90 | 1995 | 382 | 810 | 803 | 1053 | 0— | |
| 91 | 1980 | 982 | 870 | 864 | 1031 | 0— | |
| 66 | 1984 | 1041 | 919 | — | 1029 | 0— | |

Omitted

| | | | | | |
|------|-----|-----|-----|-----|------------|
| 1030 | 131 | — | 127 | — | |
| 1009 | 333 | — | 330 | — | |
| 1016 | 342 | — | 337 | — | |
| 1003 | 550 | — | 548 | — | |
| 1043 | 639 | — | 611 | — | |
| 1042 | 746 | — | 716 | — | |
| 1057 | 779 | — | 736 | — | |
| 1067 | 940 | — | 825 | — | |
| 1060 | 790 | 790 | 746 | 746 | 7.35, 7.35 |
| 1070 | 921 | — | 860 | — | 8.71 |
| 1079 | 973 | — | 901 | — | off curve |
| 1070 | 830 | 818 | 776 | 764 | 7.54, 7.53 |
| 1062 | 670 | — | 637 | — | 6.57 |
| 1056 | 737 | 738 | 699 | 700 | 7.02, 7.03 |
| 1005 | 590 | 587 | 575 | 572 | 6.06, 6.04 |
| 1059 | 642 | 640 | 607 | 605 | 6.31, 6.29 |
| 1073 | 810 | 811 | 767 | 768 | 7.43, 7.44 |
| 1061 | 904 | 911 | 850 | 857 | 8.01, 8.04 |
| 1053 | 816 | 803 | 771 | 762 | 7.53, 7.46 |
| 1031 | 870 | 864 | 843 | 838 | 7.97, 7.95 |
| 1029 | 919 | — | 891 | — | 9.15 |

376_v893_v

42 New Series

292 C 4 854 - Sept 14, 1929

1929phae.pr

| Strip Class | Star | Y | 6 | Sept | Sept | Cl. | Lk | Volts |
|-------------|------|------|------|------|------|------|----|-------|
| | 92 | 1984 | 1122 | 892 | 883 | 1016 | 0- | |
| | 67 | 1980 | 1240 | 950 | — | 1018 | 0- | |
| | 93 | 1990 | 1283 | 590 | 580 | 1024 | 0- | |
| 20.1 | 94 | 2000 | 352 | 995 | 1003 | 1060 | 0- | |
| | 95 | 2002 | 399 | 928 | 902 | 1073 | 0- | |
| | 96 | 2004 | 550 | 904 | 913 | 1071 | 0- | |
| | 97 | 2010 | 680 | 1010 | 1010 | 1070 | 0- | |
| | 98 | 2005 | 1014 | 907 | 896 | 1054 | 0- | |
| | 99 | 2010 | 1133 | 913 | 919 | 1040 | 0- | |
| | 100 | 2013 | 1320 | 570 | 544 | 1037 | 0- | |
| 20.2 | 101 | 2020 | 147 | 900 | 897 | 1070 | 0- | |
| | 68 | 2029 | 469 | 843 | — | 1070 | 0- | |
| | 102 | 2033 | 542 | 452 | 443 | 1080 | 0- | |
| | 103 | 2021 | 559 | 830 | 813 | 1072 | 0- | |
| | 69 | 2019 | 928 | 961 | — | 1062 | 0- | |
| | 70 | 2023 | 1002 | 933 | — | 1066 | 0- | |
| | 104 | 2031 | 1143 | 1730 | 1729 | 1039 | 0- | |
| | 71 | 2029 | 1162 | 840 | — | 1040 | 0- | |
| | 105 | 2030 | 1223 | 807 | *752 | 1038 | 0- | |
| | 72 | 2024 | 1251 | 900 | — | 1040 | 0- | |
| | 73 | 2030 | 1327 | 880 | — | 1042 | 0- | |
| | 106 | 2037 | 1340 | 460 | 537 | 1050 | 0- | |
| 20.4 | 107 | 2056 | 390 | 488 | 481 | 1088 | 0- | |
| | 108 | 2049 | 400 | 939 | 939 | 1100 | 0- | |
| | 109 | 2040 | 444 | 1021 | 1020 | 1098 | 0- | |
| | 110 | 2047 | 536 | 443 | 467 | 1071 | 0- | |
| | 111 | 2050 | 1007 | 960 | 968 | 1080 | 0- | |
| | 112 | 2046 | 1119 | 976 | 981 | 1049 | 0- | |
| | 113 | 2047 | 1188 | 685 | 678 | 1055 | 0- | |

* Proximity of another field star probably

| cl.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn. | l.k. |
|---------|-----------|-----------|---------|---------|------------|-------------------|
| 1016 | 892 | 888 | 880 | 871 | 8.14, 8.11 | |
| 1018 | 950 | — | 934 | — | off curve | |
| 1024 | 590 | 580 | 577 | 567 | 6.08, 6.01 | |
| 1060 | 995 | 1003 | 940 | 948 | 8.46, 8.50 | |
| 1073 | 928 | 902 | 867 | 843 | 8.07, 7.96 | |
| 1071 | 904 | 913 | 844 | 851 | 7.97, 8.02 | |
| 1070 | 1010 | 1016 | 942 | 942 | 8.49, 8.49 | |
| 1054 | 907 | 896 | 862 | 842 | 8.03, 7.96 | |
| 1040 | 913 | 919 | 877 | 882 | 8.13, 8.17 | |
| 1037 | 570 | 544 | 579 | 527 | 5.88, 5.73 | |
| 1070 | 900 | 897 | 840 | 837 | 7.94, 7.92 | |
| 1070 | 843 | — | 788 | — | 7.84 | 338 ^v |
| 1080 | 452 | 442 | 419 | 410 | 4.84, 4.77 | |
| 1072 | 830 | 813 | 774 | 757 | 7.55, 7.42 | |
| 1062 | 961 | — | 905 | — | off curve | 2035 ^x |
| 1006 | 923 | — | 915 | — | off curve | |
| 1039 | 1730 | 1729 | 703 | 702 | 7.05, 7.04 | |
| 1040 | 840 | — | 808 | — | 8.06 | |
| 1038 | 807 | *752 | 776 | 724 | 7.55, 7.21 | |
| 1040 | 900 | — | 866 | — | 8.86 | 32 ^x |
| 1042 | 880 | — | 843 | — | 8.45 | |
| 1050 | 460 | 537 | 437 | 510 | 4.99, 5.09 | |
| 1088 | 488 | 481 | 448 | 442 | 5.08, 5.03 | |
| 1100 | 739 | 939 | 852 | 852 | 8.03, 8.03 | |
| 1098 | 1021 | 1020 | 930 | 929 | 8.42, 8.41 | |
| 1071 | 443 | 467 | 413 | 436 | 4.80, 4.98 | |
| 1080 | 960 | 968 | 889 | 896 | 8.20, 8.24 | |
| 1049 | 976 | 981 | 927 | 932 | 8.38, 8.43 | |
| 1055 | 685 | 678 | 649 | 641 | 6.66, 6.31 | |

44 New Series

2 GP - R H 854 - Sept 14, 1929

| Strip | Class | Star | γ | Δ | Diff. | Diff. | Cl | Ok | Notes |
|-------|-------|------|----------|----------|-------|----------------------------------|------|----|-------|
| 20.6 | p | 114 | 2070 | 430 | 791 | 781 | 1069 | 0- | |
| | p | 115 | 2060 | 458 | 072 | 060 | 940 | 0- | |
| | p | 74 | 2059 | 853 | 891 | — | 1091 | 0- | |
| | p | 116 | 2063 | 1182 | 870 | 883 | 1050 | 0- | |
| | p | 75 | 2063 | 1259 | 840 | — | 1060 | 0- | |
| | p | 76 | 2060 | 1284 | 979 | — | 1060 | 0- | |
| 20.8 | p | 117 | 2080 | 339 | 1007 | 1013 | 1082 | 0- | |
| | p | 77 | 2090 | 337 | 993 | — | 1102 | 0- | |
| | p | 118 | 2090 | 342 | 628 | 620 | 1107 | 0- | |
| | p | 119 | 2088 | 380 | 369 | 360 | 1075 | 0- | |
| | p | 120 | 2080 | 401 | 402 | 703 | 1107 | 0- | |
| | p | 121 | 2076 | 540 | 927 | 909 | 1098 | 0- | |
| | p | 122 | 2083 | 868 | 917 | 889 | 1110 | 0- | |
| | p | 123 | 2081 | 910 | 1052 | 1043 | 1107 | 0- | |
| | p | 78 | 2090 | 969 | 1012 | — | 1102 | 0- | |
| | p | 79 | 2081 | 1076 | 929 | — | 1077 | 0- | |
| | p | 80 | 2083 | 1292 | 960 | — | 1065 | 0- | |
| | | 10 | 2134 | 730 | 182 | — | 993 | 0- | |
| | | 1 | 2022 | 1077 | 404 | — | 1083 | 0- | |
| | | 2 | — | — | 405 | — | 1098 | 0- | |
| | | 3 | — | — | Same | remarks as in beginning sequence | | | |
| | | 4 | — | — | 607 | — | 1088 | 0- | |
| | | 5 | — | — | 696 | — | 1119 | 0- | |
| | | 6 | — | — | 800 | — | 1110 | 0- | |
| | | 7 | — | — | 840 | — | 1122 | 0- | |
| | | 8 | — | — | 1006 | — | 1137 | 0- | 505 |

Cont. in 67. 174

Cont. from Book 69, page 158

| | | | | | | | |
|----|------|------|-----|---|------|----|-----|
| 1a | 2132 | 760 | 339 | — | 1298 | 0- | 495 |
| 1 | 2021 | 1103 | 541 | — | 1304 | 0- | |

| Cl.-Db. | Defl.-Db. | Defl.-Db. | Reduced | Reduced | Magn. | h. No. |
|---------|-----------|-----------|---------|---------|----------------------|--------|
| 1069 | 791 | 781 | 739 | 729 | 7.30, 7.22 | |
| 940 | 072 | 060 | 77 | 64 | off curve, off curve | |
| 1091 | 891 | — | 819 | — | 8.17 | 212 x |
| 1050 | 870 | 883 | 827 | 839 | 7.87, 7.95 | |
| 1060 | 840 | — | 793 | — | 7.89 | 926 x |
| 1060 | 779 | — | 924 | — | off curve | |
| 1082 | 1007 | 1013 | 937 | 942 | 8.46, 8.48 | |
| 1102 | 913 | — | 900 | — | off curve | ✓ x |
| 1107 | 628 | 620 | 567 | 560 | 6.00, 5.96 | |
| 1075 | 369 | 360 | 343 | 334 | 4.23, 4.14 | |
| 1107 | 702 | 703 | 633 | 632 | 6.53, 6.54 | |
| 1098 | 927 | 909 | 845 | 827 | 7.97, 7.87 | |
| 1110 | 917 | 889 | 826 | 800 | 7.93, 7.70 | |
| 1107 | 1052 | 1043 | 949 | 940 | 8.51, 8.47 | |
| 1102 | 1012 | — | 909 | — | off curve | 977 x |
| 1077 | 429 | — | 861 | — | 8.72 | 948? x |
| 1065 | 960 | — | 901 | — | off curve | |
| 993 | 152 | — | 184 | — | | |
| 1083 | 404 | — | 372 | — | | |
| 1098 | 405 | — | 369 | — | | |
| 1088 | 607 | — | 557 | — | | |
| 1119 | 696 | — | 623 | — | | |
| 1110 | 800 | — | 719 | — | | |
| 1122 | 840 | — | 750 | — | | |
| 1137 | 1006 | — | 885 | — | | |
| 1298 | 339 | — | 261 | — | | |
| 1309 | 541 | — | 416 | — | | |

46 *new Series*

XGP-RH 854- Sept 17, 1929

| | | Star | γ | δ | Age | diff | CE | Lk | Volts |
|------|---|------|----------|----------|------------|------|------------|----|-------|
| | | 2 | — | — | 549 | — | 1317 | 0- | |
| | | 3 | — | — | Impossible | — | to measure | | |
| | | 4 | — | — | 769 | — | 1283 | 0- | |
| | | 5 | — | — | 843 | — | 1350 | 0- | |
| | | 6 | — | — | 1010 | — | 1341 | 0- | |
| | | 7 | — | — | 1040 | — | 1354 | 0- | |
| | | 8 | — | — | 1220 | — | 1368 | 0- | |
| 25.2 | f | 254 | 2519 | 662 | 1018 | 997 | 1339 | 0- | |
| | f | 255 | 2532 | 690 | 353 | 363 | 1330 | 0- | |
| | p | 127 | 2529 | 850 | 1223 | — | 1335 | 0- | |
| | p | 128 | 2519 | 840 | 1229 | — | 1332 | 0- | |
| | p | 129 | 2527 | 973 | 1141 | — | 1302 | 0- | |
| | f | 256 | 2532 | 979 | 921 | 903 | 1300 | 0- | |
| | f | 130 | 2520 | 1047 | 982 | — | 1311 | 0- | |
| | p | 131 | 2517 | 1138 | 919 | — | 1300 | 0- | |
| 25.4 | p | 132 | 2538 | 467 | 1130 | — | 1345 | 0- | |
| | f | 257 | 2540 | 542 | 812 | 803 | 1331 | 0- | |
| | f | 133 | 2541 | 491 | 1109 | — | 1328 | 0- | |
| 25.6 | p | 134 | 2564 | 481 | 1151 | — | 1339 | 0- | |
| | f | 258 | 2561 | 597 | 1210 | 1241 | 1318 | 0- | |
| | f | 135 | 2561 | 691 | 809 | — | 1332 | 0- | |
| | p | 136 | 2559 | 743 | 1079 | — | 1320 | 0- | |
| | p | 137 | 2563 | 748 | 990 | — | 1330 | 0- | |
| | f | 259 | 2569 | 881 | 1250 | 1214 | 1300 | 0- | |
| | p | 138 | 2569 | 974 | 590 | — | 1304 | 0- | |
| 25.8 | p | 139 | 2588 | 497 | 918 | — | 1329 | 0- | |
| | f | 260 | 2590 | 554 | 1188 | 1208 | 1340 | 0- | |
| | f | 261 | 2583 | 631 | 1149 | 1160 | 1329 | 0- | |
| | f | 262 | 2579 | 757 | 967 | 970 | 1330 | 0- | |
| | p | 140 | 2590 | 933 | 1017 | — | 1320 | 0- | |

| cl.-Dr. | Defl.-Dr. | Defl.-Dr. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|-----------------|--------|
| 1317 | 549 | — | 417 | — | | |
| 1283 | 769 | — | 600 | — | | |
| 1350 | 873 | — | 647 | — | | |
| 1341 | 1010 | — | 753 | — | | |
| 1354 | 1040 | — | 767 | — | | |
| 1368 | 1220 | — | 892 | — | | |
| 1339 | 1018 | 997 | 760 | 746 | 7.24, 7.13 | |
| 1390 | 353 | 363 | 265 | 273 | 2.70, 2.80 | |
| 1338 | 1223 | — | 914 | — | 8.47 | |
| 1332 | 1229 | — | 923 | — | 8.53 | |
| 1302 | 1141 | — | 877 | — | 8.18 | 1201x |
| 1300 | 921 | 903 | 709 | 695 | 6.85, 6.73 | |
| 1311 | 982 | — | 748 | — | 7.14 | 1104x |
| 1300 | 919 | — | 707 | — | 6.84 | 1141x |
| 1345 | 1130 | — | 842 | — | 7.90 | 135x |
| 1331 | 812 | 803 | 610 | 603 | 6.06, 6.00 | |
| 1328 | 1109 | — | 835 | — | 7.85 | ✓x |
| 1329 | 1157 | — | 860 | — | 8.03 | |
| 1318 | 1210 | 1241 | 917 | 942 | 9.48, off curve | |
| 1332 | 809 | — | 607 | — | 6.05 | 51x |
| 1320 | 1079 | — | 817 | — | 7.70 | |
| 1336 | 990 | — | 746 | — | 7.13 | 23x |
| 1300 | 1250 | 1214 | 962 | 933 | off curve, 863 | |
| 1304 | 690 | — | 452 | — | 4.70 | 1214x |
| 1329 | 918 | — | 691 | — | 6.70 | 120x |
| 1346 | 1188 | 1208 | 886 | 901 | 8.25, 8.37 | |
| 1329 | 1149 | 1160 | 865 | 874 | 8.07, 8.16 | |
| 1330 | 967 | 970 | 728 | 730 | 6.98, 7.00 | |
| 1320 | 1017 | — | 771 | — | | |

48 New Series

219P- R H 854 - Sept 17, 1929

| Strip | Class | Star | y | z | Diff | Diff | Cl | Lk | Notes |
|-------|-------|------|------|------|-----------------------|------|------|-----|-------|
| 26.0 | f | 263 | 2602 | 550 | 982 | 372 | 1337 | 0 - | |
| | f | 264 | 2595 | 710 | 1137 | 1120 | 1291 | 0 - | |
| | f | 265 | 2604 | 779 | 1143 | 1160 | 1320 | 0 - | |
| | f | 141 | 2590 | 934 | 1013 | — | 1321 | 0 - | |
| 26.2 | f | 266 | 2621 | 616 | 1135 | 1141 | 1312 | 0 - | |
| | f | 267 | 2622 | 639 | 1110 | 1080 | 1319 | 0 - | |
| 26.4 | f | 268 | 2642 | 749 | 961 | 940 | 1327 | 0 - | |
| | | 10 | 2192 | 760 | 320 | — | 1300 | 0 - | |
| | | 1 | 2021 | 1103 | 569 | — | 1313 | 0 - | |
| | | 2 | — | — | 563 | — | 1322 | 0 - | |
| | | 3 | — | — | Impossible to measure | | | | |
| | | 4 | — | — | 779 | — | 1305 | 0 - | |
| | | 5 | — | — | 897 | — | 1353 | 0 - | |
| | | 6 | — | — | 1010 | — | 1341 | 0 - | |
| | | 7 | — | — | 1053 | — | 1359 | 0 - | |
| | | 8 | — | — | 1222 | — | 1360 | 0 - | 495 |

Plate
finished

| Cl.-Dr. | Defl.-Dr. | Defl.-Dr. | Reduced | Reduced | Magn. | h. No. |
|---------|-----------|-----------|---------|---------|------------|--------|
| 1387 | 382 | 372 | 285 | 279 | 2.93, 2.85 | |
| 1291 | 1137 | 1120 | 880 | 866 | 8.21, 8.07 | |
| 1320 | 1143 | 1160 | 865 | 878 | 8.08, 8.19 | |
| 1321 | 1013 | — | 767 | — | 7.29 | |
| 1312 | 1135 | 1141 | 863 | 869 | 8.07, 8.11 | |
| 1319 | 1110 | 1080 | 846 | 818 | 7.92, 7.70 | |
| 1327 | 961 | 940 | 723 | 707 | 6.95, 6.84 | |
| 1300 | 320 | — | 247 | — | off curve | |
| 1313 | 569 | — | 423 | — | 4.53 | |
| 1322 | 563 | — | 425 | — | 4.44 | |
| <hr/> | | | | | | |
| 1305 | 779 | — | 596 | — | 5.93 | |
| 1363 | 847 | — | 662 | — | 6.47 | |
| 1341 | 1010 | — | 752 | — | 7.20 | |
| 1259 | 1052 | — | 775 | — | 7.36 | |
| 1360 | 1222 | — | 900 | — | 8.36 | |

50 New Series

JGP - R 854 - Sept 11, 1929

Fmc R H 1484 - Sept. 21, 1929

| trip | class | star | y | z | Diff | Diff | cl | sk | Notes |
|------|-------|------|------|------|------|------|------|-----|-------|
| | | 18 | 2080 | 890 | 470 | — | 2018 | 089 | |
| | | 1 | 1748 | 749 | 841 | — | 2063 | 090 | |
| | | 2 | — | — | 939 | — | 2081 | 089 | |
| | | 3 | — | — | 1130 | — | 2075 | 090 | |
| | | 4 | — | — | 1248 | — | 2050 | 091 | |
| | | 5 | — | — | 1409 | — | 2052 | 092 | |
| | | 6 | — | — | 1670 | — | 2047 | 092 | |
| | | 7 | — | — | 1719 | — | 2079 | 091 | |
| | | 8 | — | — | 1921 | — | 2060 | 092 | |
| 15.0 | f | 1 | 1508 | 880 | 1500 | 1502 | 2055 | 100 | |
| 15.2 | f | 2 | 1531 | 862 | 1440 | 1450 | 2065 | 099 | |
| | f | 3 | 1520 | 982 | 1542 | 1540 | 2068 | 100 | |
| 15.6 | f | 1 | 1565 | 510 | 1631 | — | 2071 | 100 | |
| | f | 4 | 1570 | 559 | 1800 | 1790 | 2052 | 110 | |
| | f | 2 | 1560 | 770 | 1810 | — | 2055 | 110 | |
| 15.8 | f | 5 | 1590 | 530 | 1431 | 1428 | 2071 | 110 | |
| | f | 6 | 1580 | 832 | 1771 | 1775 | 2085 | 110 | |
| | f | 7 | 1591 | 952 | 1831 | 1830 | 2070 | 110 | |
| | f | 3 | 1590 | 1010 | 1520 | — | 2079 | 110 | |
| | f | 4 | 1590 | 1035 | 1740 | — | 2041 | 110 | |
| 16.0 | f | 5 | 1609 | 441 | 1761 | — | 2050 | 110 | |
| | f | 6 | 1611 | 627 | 1860 | — | 2090 | 111 | |
| | f | 8 | 1610 | 701 | 939 | 923 | 2048 | 111 | |
| 16.4 | f | 9 | 1650 | 461 | 1910 | 1920 | 2080 | 112 | |
| | f | 7 | 1639 | 1010 | 1820 | — | 2102 | 112 | |
| | f | 10 | 1647 | 1142 | 1751 | 1738 | 2100 | 112 | |
| 16.6 | f | 11 | 1670 | 362 | 1500 | 1481 | 2065 | 110 | |
| | f | 8 | 1660 | 741 | 1821 | — | 2075 | 110 | |
| | f | 12 | 1661 | 1059 | 1028 | 1040 | 2070 | 110 | |
| 16.8 | f | 9 | 1680 | 402 | 1840 | — | 2075 | 111 | |

| cl.-dk. | Defl.-dk. | Defl.-dk. | Reduced | Reduced | Magn. L.K. |
|---------|-----------|-----------|---------|---------|-------------------|
| 1929 | 381 | — | 198 | — | |
| 1973 | 751 | — | 381 | — | |
| 1992 | 856 | — | 425 | — | |
| 1985 | 1040 | — | 525 | — | |
| 1959 | 1157 | — | 590 | — | |
| 1960 | 1317 | — | 670 | — | |
| 1955 | 1598 | — | 806 | — | |
| 1988 | 1628 | — | 820 | — | |
| 1968 | 1829 | — | 929 | — | |
| 1955 | 1400 | 1402 | 715 | 717 | 6.71, 6.73 |
| 1966 | 1341 | 1351 | 684 | 688 | 6.54, 6.52 |
| 1968 | 1442 | 1440 | 734 | 733 | 6.83, 6.82 |
| 1971 | 1521 | — | 776 | — | 844 ^x |
| 1942 | 1690 | 1680 | 870 | 865 | 7.83, 7.80 |
| 1945 | 1700 | — | 875 | — | 926 ^x |
| 1961 | 1321 | 1318 | 674 | 671 | 6.48, 6.46 |
| 1975 | 1661 | 1665 | 841 | 843 | 7.57, 7.58 |
| 1960 | 1721 | 1720 | 879 | 878 | 7.90, 7.89 |
| 1969 | 1410 | — | 716 | — | 1030 ^x |
| 1931 | 1630 | — | 845 | — | 1043 ^x |
| 1940 | 1651 | — | 851 | — | 809 ^x |
| 1979 | 1749 | — | 884 | — | 880 ^x |
| 1937 | 828 | 812 | 428 | 419 | 5.09, 5.04 |
| 1968 | 1798 | 1812 | 914 | 922 | 8.70, 8.76 |
| 1990 | 1708 | — | 858 | — | 1044 ^x |
| 1988 | 1639 | 1626 | 825 | 819 | 7.46, 7.41 |
| 1955 | 1396 | 1371 | 710 | 703 | 6.67, 6.62 |
| 1965 | 1711 | — | 871 | — | |
| 1960 | 918 | 900 | 468 | 475 | 5.37, 5.42 |
| 1964 | 1769 | — | 900 | — | ke ^x |

52 New Series

Fmc RH 1484 Sept. 21, 1929

| temp | class | star | y | x | D _{pl} | D _{eff} | d | D _h | Volt |
|------|-------|------|------|------|-----------------|------------------|------|----------------|------|
| 17.0 | f | 13 | 1700 | 429 | 1360 | 1357 | 2071 | 112 | |
| | f | 14 | 1700 | 890 | 1611 | 1610 | 2070 | 112 | |
| | f | 15 | 1708 | 1070 | 1280 | 1278 | 2109 | 112 | |
| 17.2 | f | 10 | 1721 | 485 | 1849 | — | 2090 | 112 | |
| | f | 11 | 1737 | 530 | 1599 | — | 2080 | 112 | |
| | | 12 | 2080 | 890 | 461 | — | 2050 | 115 | |
| | | 1 | 1748 | 749 | 840 | — | 2079 | 112 | |
| | | 2 | — | — | 938 | — | 2091 | 112 | |
| | | 3 | — | — | 1130 | — | 2090 | 112 | |
| | | 4 | — | — | 1232 | — | 2062 | 110 | |
| | | 5 | — | — | 1410 | — | 2070 | 111 | |
| | | 6 | — | — | 1630 | — | 2059 | 110 | |
| | | 7 | — | — | 1712 | — | 2090 | 111 | |
| | | 8 | — | — | 1940 | — | 2078 | 112 | |

Apr. RH 1484 - Sept 21, 1929

| | | | | | | | | | |
|------|---|----|------|------|------|------|------|-----|-----|
| | | 10 | 2020 | 890 | 457 | — | 1959 | 091 | 510 |
| | | 1 | 1748 | 749 | 871 | — | 2029 | 091 | |
| | | 2 | — | — | 967 | — | 2060 | 091 | |
| | | 3 | — | — | 1171 | — | 2053 | 092 | |
| | | 4 | — | — | 1239 | — | 2047 | 093 | |
| | | 5 | — | — | 1411 | — | 2041 | 098 | |
| | | 6 | — | — | 1610 | — | 2030 | 097 | |
| | | 7 | — | — | 1691 | — | 2064 | 097 | |
| | | 8 | — | — | 1914 | — | 2043 | 099 | |
| 17.4 | p | | 1740 | 807 | 1846 | — | 2057 | 101 | |
| | p | 16 | 1740 | 1000 | 1758 | 1731 | 1969 | 101 | |
| 17.6 | p | 17 | 1770 | 421 | 1950 | 1942 | 2073 | 105 | |
| | p | 12 | 1767 | 624 | 1982 | — | 2053 | 105 | |
| | p | 13 | 1761 | 1248 | 1702 | — | 2083 | 109 | |

| Q.-Dk. | Defl.-Dk. | Diff.-Dk. | Reduced | Reduced | magn. | 2. No. |
|--------|-----------|-----------|---------|---------|------------|-------------------|
| 1969 | 1248 | 1239 | 637 | 634 | 6.27, 6.25 | |
| 1968 | 1499 | 1498 | 765 | 765 | 7.02, 7.02 | |
| 1991 | 1168 | 1166 | 585 | 584 | 6.96, 6.95 | |
| 1978 | 1737 | — | 879 | — | | 791 ^x |
| 1968 | 1487 | — | 756 | — | | 865 [✓] |
| 1935 | 346 | — | 158 | — | | |
| 1967 | 728 | — | 370 | — | | |
| 1979 | 826 | — | 418 | — | | |
| 1978 | 1078 | — | 545 | — | | |
| 1962 | 1122 | — | 575 | — | | |
| 1959 | 1299 | — | 664 | — | | |
| 1949 | 1520 | — | 780 | — | | |
| 1979 | 1601 | — | 811 | — | | |
| 1966 | 1828 | — | 928 | — | | |
| 1868 | 366 | — | 196 | — | | |
| 1938 | 780 | — | 404 | — | | |
| 1969 | 876 | — | 446 | — | | |
| 1961 | 1049 | — | 534 | — | | |
| 1954 | 1146 | — | 586 | — | | |
| 1943 | 1313 | — | 675 | — | | |
| 1933 | 1513 | — | 784 | — | | |
| 1967 | 1594 | — | 810 | — | | |
| 1944 | 1815 | — | 935 | — | | |
| 1956 | 1745 | — | 893 | — | | 948 [✓] |
| 1868 | 1657 | 1636 | 887 | 875 | 7.93, 7.83 | |
| 1968 | 1845 | 1857 | 939 | 935 | 8.34, 8.31 | |
| 1948 | 1877 | — | 965 | — | | |
| 1974 | 1593 | — | 807 | — | | 1104 ^x |

54

New Series

28P-RH, 484 - Sept 20, 1929

| Temp Class | Star | γ | δ | Diff | Diff | Cl | St | Volts |
|------------|------|----------|----------|------|------|------|-----|-------|
| 7.8 p | 18 | 1780 | 569 | 1416 | 1449 | 1969 | 109 | |
| p | 19 | 1790 | 1199 | 1923 | 1889 | 2067 | 110 | |
| 18.0 p | 14 | 1817 | 490 | 1899 | — | 2064 | 108 | |
| p | 20 | 1802 | 829 | 1848 | 1813 | 2059 | 110 | |
| p | 15 | 1800 | 831 | 1969 | — | 2068 | 110 | |
| p | 21 | 1809 | 1156 | 1692 | 1683 | 2080 | 110 | |
| p | 16 | 1801 | 1212 | 1904 | — | 2083 | 111 | |
| p | 22 | 1816 | 1211 | 1841 | 1861 | 2088 | 111 | |
| 18.2 p | 23 | 1830 | 450 | 1943 | 1969 | 2049 | 112 | |
| p | 24 | 1820 | 494 | 1789 | 1793 | 2063 | 113 | |
| p | 17 | 1820 | 454 | 1958 | — | 2023 | 113 | |
| p | 18 | 1828 | 991 | 1689 | — | 2059 | 113 | |
| p | 19 | 1832 | 1261 | 1953 | — | 2036 | 112 | |
| p | 20 | 1829 | 1302 | 1100 | — | 2108 | 110 | |
| 18.4 p | 25 | 1849 | 698 | 1510 | 1530 | 2062 | 113 | |
| p | 21 | 1850 | 1021 | 1931 | — | 2047 | 117 | |
| p | 22 | 1849 | 1117 | 1781 | — | 2072 | 113 | |
| p | 26 | 1840 | 1154 | 1753 | 1737 | 2083 | 113 | |
| p | 27 | 1853 | 1164 | 1901 | 1889 | 2080 | 118 | |
| | 10 | 2020 | 890 | 510 | — | 2010 | 112 | |
| | 1 | 1748 | 749 | 859 | — | 2030 | 112 | |
| | 2 | — | — | 940 | — | 2063 | 112 | |
| | 3 | — | — | 1160 | — | 2057 | 113 | |
| | 4 | — | — | 1241 | — | 2058 | 113 | |
| | 5 | — | — | 1413 | — | 2031 | 113 | |
| | 6 | — | — | 1600 | — | 2011 | 117 | |
| | 7 | — | — | 1682 | — | 2043 | 118 | |
| | 8 | — | — | 1910 | — | 2030 | 119 | |

cont. in Book 68. p. 206

970

| Cl.-Dk. | Depl.-Dk. | Depl.-Dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|-------------------|
| 1860 | 1307 | 1340 | 703 | 720 | 6.58, 6.68 | |
| 1957 | 1813 | 1779 | 927 | 909 | 5.24, 5.09 | |
| 1956 | 1791 | — | 916 | — | | |
| 1949 | 1738 | 1708 | 893 | 875 | 7.96, 7.83 | |
| 1958 | 1859 | — | 950 | — | | 975 ⁺ |
| 1970 | 1582 | 1573 | 804 | 800 | 7.26, 7.30 | |
| 1972 | 1788 | — | 904 | — | | 1176 ⁺ |
| 1977 | 1730 | 1750 | 875 | 885 | 7.83, 7.91 | |
| 1937 | 1831 | 1857 | 946 | 959 | 8.42, 8.44 | |
| 1960 | 1676 | 1690 | 855 | 863 | 7.66, 7.72 | |
| 1916 | 1845 | — | 965 | — | | |
| 1946 | 1576 | — | 810 | — | | 1109 [✓] |
| 1924 | 1841 | — | 958 | — | | 1201 ⁺ |
| 1998 | 1090 | — | 545 | — | | 1214 ⁺ |
| 1949 | 1397 | 1427 | 717 | 733 | 6.66, 6.76 | |
| 1930 | 1814 | — | 940 | — | | |
| 1959 | 1668 | — | 852 | — | | 1166 [✓] |
| 1970 | 1640 | 1624 | 834 | 825 | 7.50, 7.43 | |
| 1962 | 1753 | 1771 | 909 | 904 | 8.09, 8.05 | |
| 1898 | 398 | — | 210 | — | | |
| 1918 | 747 | — | 390 | — | | |
| 1952 | 828 | — | 424 | — | | |
| 1944 | 1047 | — | 538 | — | | |
| 1945 | 1128 | — | 580 | — | | |
| 1918 | 1300 | — | 680 | — | | |
| 1894 | 1483 | — | 784 | — | | |
| 1925 | 1564 | — | 814 | — | | |
| 1911 | 1791 | — | 937 | — | | |

56

JMC RHP55 Sept 26, 1929

| trips | class | star | y | x | D _{eff} | D _{eff} | cl | sh | Volt |
|-------|-------|------|------|------|------------------|------------------|------|-----|------|
| | | 18 | 2130 | 668 | 1080 | | 1962 | 008 | |
| | | 1 | 2010 | 1009 | 100 | — | 1920 | 010 | |
| | | 2 | — | — | 193 | — | 1885 | 010 | |
| | | 3 | — | — | 351 | — | 1940 | 010 | |
| | | 4 | — | — | 327 | — | 1920 | 010 | |
| | | 5 | — | — | 752 | — | 1970 | 011 | |
| | | 6 | — | — | 1083 | — | 2000 | 012 | |
| | | 7 | — | — | 1110 | — | 2012 | 016 | |
| | | 8 | — | — | 1659 | — | 1995 | 019 | |
| 14.0 | f | 1 | 1409 | 650 | 1019 | 1030 | 1989 | 019 | |
| 14.2 | p | 1 | 1438 | 811 | 1525 | — | 1945 | 020 | |
| 14.4 | f | 2 | 1439 | 835 | 390 | 368 | 1910 | 020 | |
| 14.6 | p | 2 | 1479 | 780 | 120 | — | 1960 | 020 | |
| 14.8 | f | 3 | 1479 | 454 | 1595 | 1602 | 2014 | 022 | |
| | f | 4 | 1499 | 681 | 1131 | 1158 | 1989 | 023 | |
| | p | 3 | 1497 | 751 | 1480 | — | 1964 | 022 | |
| | f | 5 | 1489 | 800 | 1711 | 1671 | 1957 | 025 | |
| | p | 4 | 1488 | 873 | 1412 | — | 1959 | 025 | |
| 15.0 | f | 6 | 1519 | 780 | 1760 | 1660 | 2015 | 030 | |
| | f | 7 | 1512 | 875 | 291 | 298 | 1970 | 028 | |
| 15.2 | f | 8 | 1530 | 361 | 335 | 330 | 2050 | 028 | |
| | f | 9 | 1537 | 490 | 1635 | 1660 | 2030 | 030 | |
| | p | 5 | 1533 | 841 | 1398 | — | 1949 | 030 | |
| | f | 10 | 1539 | 910 | 910 | 910 | 1970 | 030 | |
| 15.4 | f | 11 | 1550 | 795 | 1620 | 1669 | 1980 | 032 | |
| | f | 12 | 1550 | 884 | 1579 | 1514 | 1952 | 032 | |
| | p | 13 | 1548 | 991 | 1309 | 1310 | 1963 | 032 | |
| 15.6 | f | 14 | 1570 | 310 | 562 | 548 | 2030 | 031 | |
| | f | 15 | 1560 | 451 | 1511 | 1490 | 2020 | 032 | |
| 15.8 | p | 6 | 1580 | 279 | 1212 | — | 2047 | 035 | |

| Obs. No. | Ref. No. | Diff. No. | Reduced | Reduced | Magn. | L. No. |
|----------|----------|-----------|---------|---------|------------|------------------|
| 1954 | 072 | — | 36 | — | | |
| 1910 | 090 | — | 41 | — | | |
| 1875 | 183 | — | 98 | — | | |
| 1930 | 341 | — | 177 | — | | |
| 1910 | 314 | — | 164 | — | | |
| 1959 | 441 | — | 380 | — | | |
| 1988 | 1071 | — | 537 | — | | |
| 1996 | 1094 | — | 548 | — | | |
| 1976 | 1640 | — | 831 | — | | |
| 1970 | 1070 | 1011 | 508 | 514 | 7.18, 7.22 | |
| 1925 | 1505 | — | 783 | — | 8.09 | |
| 1890 | 370 | 348 | 196 | 184 | 6.97, 6.93 | |
| 1940 | 100 | — | 56 | — | 4.70 | 660 _x |
| 1994 | 1573 | 1580 | 788 | 793 | 8.09, 8.12 | |
| 1966 | 1108 | 1135 | 562 | 577 | 7.37, 7.42 | |
| 1942 | 1458 | — | 750 | — | 7.97 | 647 _x |
| 1932 | 1686 | 1646 | 873 | 863 | 8.38, 8.33 | |
| 1934 | 1387 | — | 717 | — | 7.87 | 683 _x |
| 1985 | 1730 | 1630 | 872 | 822 | 8.38, 8.23 | |
| 1942 | 263 | 270 | 136 | 139 | 5.67, 5.69 | |
| 2022 | 307 | 302 | 153 | 151 | 5.76, 5.75 | |
| 2000 | 1605 | 1630 | 803 | 815 | 8.16, 8.20 | |
| 1919 | 1368 | — | 713 | — | 7.86 | 681 _x |
| 1940 | 880 | 880 | 453 | 453 | 7.00, 7.00 | |
| 1948 | 1588 | 1637 | 814 | 840 | 8.19, 8.27 | |
| 1920 | 1547 | 1482 | 806 | 773 | 8.16, 8.06 | |
| 1931 | 1277 | 1272 | 662 | 659 | 7.71, 7.65 | |
| 1999 | 531 | 517 | 266 | 258 | 6.27, 6.23 | |
| 1988 | 1479 | 1438 | 744 | 733 | 7.97, 7.92 | |
| 2012 | 1177 | — | 585 | — | 7.45 | 498 _x |

58

Time RH 855 Sept 26, 1929

| trips | class | star | y | x | D _{eff} | D _{eff} | ce | D _h | V _{olt} |
|-------|-------|------|------|------|------------------|------------------|------|----------------|------------------|
| 5.8 | p | 7 | 1590 | 930 | 1560 | — | 2040 | 035 | |
| | f | 16 | 1580 | 752 | 1145 | 1140 | 2010 | 035 | |
| | f | 17 | 1581 | 979 | 285 | 320 | 1940 | 032 | |
| 16.0 | p | 8 | 1608 | 400 | 1549 | — | 2020 | 031 | |
| | p | 9 | 1609 | 460 | 469 | — | 1885 | 033 | |
| | p | 10 | 1613 | 478 | 1620 | — | 2040 | 035 | |
| | p | 11 | 1600 | 602 | 1500 | — | 1971 | 032 | |
| | p | 12 | 1610 | 819 | 1225 | — | 1960 | 035 | |
| 16.4 | f | 18 | 1658 | 721 | 1159 | 1120 | 2012 | 040 | |
| 16.6 | p | 13 | 1670 | 676 | 790 | — | 2010 | 040 | |
| | p | 14 | 1660 | 829 | 1600 | — | 1963 | 040 | |
| | p | 15 | 1678 | 1100 | 1350 | — | 1908 | 041 | |
| 16.8 | f | 19 | 1680 | 408 | 941 | 862 | 2015 | 040 | |
| | p | 16 | 1688 | 580 | 1650 | — | 2027 | 041 | |
| | p | 17 | 1690 | 590 | 1183 | — | 2065 | 040 | |
| | p | 18 | 1680 | 629 | 1350 | — | 2019 | 041 | |
| | p | 19 | 1687 | 729 | 1111 | — | 2018 | 041 | |
| | f | 20 | 1690 | 921 | 1500 | 1481 | 1959 | 041 | |
| | f | 21 | 1680 | 935 | 1090 | 1085 | 1951 | 040 | |
| 17.0 | p | 20 | 1703 | 319 | 921 | — | 2065 | 041 | |
| | p | 21 | 1703 | 761 | 1465 | — | 2031 | 042 | |
| | f | 22 | 1710 | 779 | 1421 | 1400 | 1980 | 042 | |
| | f | 23 | 1709 | 840 | 1606 | 1600 | 1960 | 041 | |
| | p | 22 | 1719 | 850 | 1209 | — | 1955 | 041 | |
| 17.2 | p | 23 | 1720 | 269 | 1462 | — | 2049 | 041 | |
| | f | 24 | 1730 | 400 | 1254 | 1265 | 2028 | 041 | |
| | f | 25 | 1731 | 690 | 109 | 100 | 2009 | 041 | |
| | p | 24 | 1730 | 982 | 1539 | — | 1952 | 041 | |
| | f | 26 | 1728 | 986 | 849 | 805 | 1950 | 042 | |
| | p | 25 | 1720 | 1165 | 1180 | — | 1910 | 041 | |

| CC-DR. | Doff-DR. | Dift-DR. | Reduced | Reduced | magn. | L.Hor. |
|--------|----------|----------|---------|---------|----------------|------------------|
| 2005 | 1025 | — | 762 | — | 8.03 | 509 ^x |
| 1975 | 1170 | 11705 | 562 | 560 | 7.36, 7.34 | |
| 1908 | 383 | 288 | 133 | 151 | 5.63, 5.71 | |
| 1989 | 1518 | — | 762 | — | 8.03 | 523 ^x |
| 1852 | 436 | — | 235 | — | 6.17 | 536 ^x |
| 2005 | 1585 | — | 792 | — | 8.12 | 541 [✓] |
| 1939 | 1468 | — | 756 | — | 8.00 | 583 [✓] |
| 1925 | 7190 | — | 618 | — | 7.64 | 679 [✓] |
| 1972 | 1119 | 11080 | 567 | 548 | 7.37, 7.31 | |
| 1970 | 11450 | — | 381 | — | 6.73 | 606 [✓] |
| 1923 | 11560 | — | 812 | — | 8.20 | 688 [✓] |
| 1867 | 1309 | — | 701 | — | 7.82 | k ^x |
| 1975 | 901 | 822 | 457 | 417 | 7.01, 6.87 | |
| 1986 | 1609 | — | 810 | — | 8.17 | |
| 2025 | 1143 | — | 567 | — | 7.38 | 570 [✓] |
| 1978 | 1309 | — | 662 | — | 7.71 | 587 [✓] |
| 1977 | 1070 | — | 542 | — | 7.30 | 642 [✓] |
| 1918 | 1449 | 1446 | 755 | 750 | 8.00, 7.97 | |
| 1911 | 1080 | 1045 | 649 | 547 | 7.32, 7.31 | |
| 2024 | 880 | — | 425 | — | 6.74 | 474 ^x |
| 1989 | 7423 | — | 716 | — | 7.87 | 664 ^x |
| 1938 | 1377 | 1358 | 711 | 700 | 7.86, 7.82 | |
| 1919 | 1565 | 1559 | 817 | 812 | 8.20, 8.18 | |
| 1914 | 1468 | — | 610 | — | 7.53 | 713 [✓] |
| 2008 | 1421 | — | 708 | — | 7.85 | 457 ^x |
| 1987 | 1213 | 1224 | 611 | 617 | 7.53, 7.56 | |
| 1968 | 68 | 49 | 35 | 25 | +26, off curve | |
| 1911 | 1498 | — | 783 | — | 8.09 | 764 ^x |
| 1908 | 807 | 763 | 423 | 401 | 6.90, 6.82 | |
| 1869 | 1139 | — | 609 | — | 7.51 | 809 ^x |

60

Fmc
MRD

RH 855

Sept 26, 1929

| tryp | class | star | y | x | Dyfe | Dyfe | ce | Dk | Volt. |
|-------------|-------|------|------|------|------|------|------|-----|-------|
| 17.4 | p | 26 | 1748 | 160 | 1561 | — | 1999 | 043 | |
| | f | 27 | 1759 | 211 | 1634 | 1679 | 2030 | 045 | |
| | p | 27 | 1750 | 700 | 855 | — | 2029 | 045 | |
| | p | 28 | 1750 | 952 | 1590 | — | 1930 | 048 | |
| | p | 29 | 1751 | 1050 | 1345 | — | 1949 | 045 | |
| 17.6 | f | 28 | 1762 | 650 | 1320 | 1939 | 2033 | 045 | |
| | p | 30 | 1769 | 909 | 1500 | — | 2030 | 045 | |
| 17.8 | p | 31 | 1799 | 345 | 1430 | — | 2030 | 049 | |
| | f | 29 | 1790 | 451 | 1610 | 1608 | 2085 | 050 | |
| | f | 30 | 1789 | 580 | 1689 | 1660 | 2059 | 050 | |
| | f | 31 | 1780 | 851 | 635 | 605 | 1981 | 050 | |
| | f | 32 | 1790 | 1028 | 1289 | 1290 | 1930 | 050 | |
| | p | 32 | 1790 | 1202 | 931 | — | 1910 | 050 | |
| MRD 18.0 | p | 33 | 1809 | 229 | 755 | — | 2020 | 051 | |
| | f | 33 | 1800 | 450 | 1720 | 1740 | 2040 | 050 | |
| | f | 34 | 1805 | 674 | 1530 | 1600 | 2050 | 060 | |
| | f | 35 | 1800 | 833 | 158 | 155 | 2008 | 057 | |
| | p | 34 | 1800 | 1032 | 808 | — | 1950 | 055 | |
| | f | 36 | 1800 | 1200 | 1360 | 1355 | 1875 | 055 | |
| 18.2 | p | 35 | 1832 | 250 | 1310 | — | 2035 | 060 | |
| | f | 37 | 1830 | 1130 | 760 | 720 | 1900 | 056 | |
| | | 13 | 2130 | 668 | 085 | — | 1995 | 047 | |
| | | 1 | 2010 | 1009 | 125 | — | 1985 | 050 | |
| | | 2 | — | — | 195 | — | 1940 | 050 | |
| | | 3 | — | — | 357 | — | 1990 | 050 | |
| | | 4 | — | — | 360 | — | 1985 | 050 | |
| | | 5 | — | — | 727 | — | 2030 | 055 | |
| | | 6 | — | — | 1150 | — | 2025 | 055 | |
| | | 7 | — | — | 1130 | — | 2049 | 055 | |
| | | 8 | — | — | 1690 | — | 2010 | 055 | |

| cl.-Dr. | Dupl.-Dr. | Dupl.-Dr. | Reduced | Reduced | Magn | L.No. |
|---------|-----------|-----------|---------|---------|------------|-------|
| 1956 | 1518 | — | 475 | — | 8.06 | 1a ?x |
| 1985 | 1589 | 1634 | 800 | 824 | 8.15, 8.23 | |
| 1984 | 830 | — | 408 | — | 6.84 | 625v |
| 1882 | 1542 | — | 819 | — | 8.20 | |
| 1904 | 1300 | — | 683 | — | 7.67 | 791x |
| 1988 | 1275 | 1294 | 642 | 652 | 7.63, 7.67 | |
| 1985 | 1455 | — | 733 | — | 7.93 | 748v |
| 1981 | 1381 | — | 699 | — | 7.81 | 451v |
| 1985 | 1560 | 1568 | 786 | 784 | 8.09, 8.08 | |
| 2009 | 1639 | 1610 | 815 | 802 | 8.20, 8.15 | |
| 1931 | 585 | 555 | 303 | 288 | 6.43, 6.37 | |
| 1880 | 1239 | 1240 | 658 | 659 | 7.68, 7.69 | |
| 1860 | 881 | — | 474 | — | 7.07 | 844x |
| 1969 | 714 | — | 358 | — | 6.65 | 426x |
| 1990 | 1670 | 1690 | 838 | 848 | 8.26, 8.30 | |
| 1990 | 1470 | 1540 | 738 | 773 | 7.94, 8.05 | |
| 1951 | 101 | 98 | 51 | 60 | 4.63, 4.61 | |
| 1895 | 753 | — | 384 | — | 6.74 | 805v |
| 1820 | 1305 | 1300 | 718 | 714 | 7.87, 7.85 | |
| 1975 | 1260 | — | 633 | — | 7.61 | 420x |
| 1844 | 704 | 664 | 382 | 361 | 6.74, 6.66 | |
| 1948 | 038 | — | 20 | — | | |
| 1935 | 075 | — | 39 | — | | |
| 1890 | 145 | — | 77 | — | | |
| 1940 | 307 | — | 158 | — | | |
| 1935 | 310 | — | 161 | — | | |
| 1975 | 672 | — | 340 | — | | |
| 1970 | 1095 | — | 558 | — | | |
| 1994 | 1075 | — | 540 | — | | |
| 1955 | 1635 | — | 837 | — | | |

21GP-CX 155- Sept 26, 1929

| | Trip | Class | Star | y | b | Diff | Diff | ce | Dk | Notes |
|------|------|-------|------|------|------|------|------|------|-----|-------|
| | | | 10 | 2130 | 668 | 091 | — | 1883 | 043 | 525 |
| | | | 1 | 2010 | 1009 | 132 | — | 1929 | 042 | |
| | | | 2 | — | — | 209 | — | 1917 | 041 | |
| | | | 3 | — | — | 350 | — | 1938 | 041 | |
| | | | 4 | — | — | 351 | — | 1951 | 042 | |
| | | | 5 | — | — | 453 | — | 1993 | 042 | |
| | | | 6 | — | — | 1069 | — | 1991 | 043 | |
| | | | 7 | — | — | 1120 | — | 2005 | 047 | |
| | | | 8 | — | — | 1659 | — | 1971 | 049 | |
| 18.4 | f | | 38 | 1841 | 423 | 1877 | 1852 | 2024 | 051 | |
| | f | | 36 | 1848 | 528 | 1681 | — | 2004 | 050 | |
| | f | | 39 | 1851 | 589 | 840 | 863 | 2010 | 049 | |
| | f | | 40 | 1850 | 641 | 651 | 560 | 1981 | 047 | |
| | f | | 41 | 1851 | 647 | 1728 | 1667 | 2000 | 050 | |
| | f | | 42 | 1840 | 442 | 248 | 199 | 1988 | 050 | |
| | f | | 43 | 1844 | 888 | 1159 | 1109 | 1933 | 050 | |
| 18.6 | p | | 37 | 1840 | 367 | 1598 | — | 2003 | 051 | |
| | p | | 44 | 1878 | 419 | 1499 | 1410 | 1985 | 051 | |
| | p | | 45 | 1863 | 573 | 1730 | 1711 | 2023 | 052 | |
| | p | | 38 | 1863 | 699 | 790 | — | 2003 | 052 | |
| | p | | 39 | 1861 | 733 | 1760 | — | 1952 | 052 | |
| | p | | 40 | 1869 | 850 | 1462 | — | 1954 | 052 | |
| | p | | 41 | 1864 | 879 | 1589 | — | 1939 | 053 | |
| | f | | 46 | 1863 | 1081 | 1459 | 1503 | 1910 | 051 | |
| 18.8 | f | | 47 | 1894 | 463 | 1130 | 1113 | 2028 | 058 | |
| | f | | 48 | 1883 | 659 | 1592 | 1580 | 2001 | 057 | |
| | p | | 42 | 1889 | 995 | 1688 | — | 1921 | 057 | |
| 19.0 | f | | 49 | 1900 | 142 | 1697 | 1697 | 1967 | 060 | |
| | p | | 43 | 1915 | 379 | 1972 | — | 2011 | 060 | |
| | f | | 50 | 1907 | 381 | 1467 | 1390 | 2020 | 059 | |

| Cl. - Dr. | Dpl. - Dr. | Dpl. - Dr. | Reduced | Reduced | Magn. | L. Ks. |
|-----------|------------|------------|---------|---------|------------------------------|-------------------------------|
| 1840 | 48 | — | 26 | — | | |
| 1887 | 90 | — | 48 | — | | |
| 1876 | 168 | — | 85 | — | | |
| 1897 | 309 | — | 163 | — | | |
| 1909 | 309 | — | 162 | — | | |
| 1951 | 711 | — | 365 | — | | |
| 1948 | 1026 | — | 528 | — | | |
| 1958 | 1073 | — | 549 | — | | |
| 1922 | 1610 | — | 837 | — | | |
| 1973 | 1826 | 1801 | 926 | 913 | off. off curve, off curve | |
| 1954 | 1631 | — | 835 | — | | 496 ^x |
| 1961 | 791 | 814 | 404 | 416 | 6.66, 6.70 | |
| 1934 | 604 | 513 | 311 | 265 | 6.31, 6.14 | |
| 1960 | 1678 | 1617 | 860 | 828 | off curve, 8.34 | |
| 1938 | 198 | 149 | 102 | 77 | 5.39, 5.11 | |
| 1883 | 1109 | 1059 | 589 | 562 | 7.40, 7.30 | |
| 1952 | 1547 | — | 792 | — | | 425 ^v |
| 1934 | 1448 | 1359 | 747 | 702 | 8.02, 7.84 | |
| 1971 | 1678 | 1659 | 851 | 841 | off curve, 8.39 | |
| 1951 | 738 | — | 379 | — | | 627 ^v |
| 1900 | 1708 | — | 898 | — | | 32 [?] ^x |
| 1902 | 1410 | — | 741 | — | | 765 ^v |
| 1886 | 1536 | — | 815 | — | | 778 [?] ^x |
| 1859 | 1408 | 1453 | 757 | 782 | 8.06, 8.16 | |
| 1970 | 1072 | 1055 | 545 | 537 | 7.23, 7.18 | |
| 1944 | 1535 | 1523 | 789 | 783 | 8.18, 8.16 | |
| 1864 | 1631 | — | 875 | — | | |
| 1907 | 1637 | 1637 | 858 | 858 | off curve, off curve | |
| 1957 | 1912 | — | 980 | — | | |
| 1961 | 1408 | 1331 | 718 | 679 | 7.90, 7.75 | |

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| Strip Class | | Star | y | b | Appl | Appl | Cl | Alt | Notes |
|-------------|---|------|------|------|------|------|------|-----|-------|
| | f | 51 | 1902 | 523 | 1799 | 1740 | 2003 | 060 | |
| | f | 52 | 1901 | 543 | 1829 | 1821 | 2037 | 060 | |
| | f | 53 | 1910 | 664 | 1789 | 1784 | 2008 | 062 | |
| | f | 54 | 1910 | 923 | 1420 | 1323 | 1940 | 061 | |
| | p | 44 | 1901 | 1150 | 1379 | — | 1891 | 060 | |
| 19.2 | f | 55 | 1933 | 513 | 1114 | 1141 | 2019 | 061 | |
| | p | 45 | 1930 | 1177 | 1447 | — | 1912 | 062 | |
| | p | 46 | 1920 | 1260 | 1602 | — | 1871 | 060 | |
| 19.4 | f | 56 | 1950 | 102 | 1341 | 1320 | 1940 | 062 | |
| | p | 47 | 1949 | 391 | 1860 | — | 2013 | 063 | |
| | p | 48 | 1948 | 397 | 1673 | — | 2021 | 062 | |
| | f | 57 | 1954 | 463 | 1052 | 1050 | 2009 | 061 | |
| | f | 58 | 1945 | 632 | 1080 | 1058 | 2022 | 061 | |
| | f | 59 | 1940 | 799 | 1352 | 1319 | 1960 | 062 | |
| | f | 60 | 1950 | 834 | 1276 | 1263 | 1961 | 063 | |
| 19.6 | p | 49 | 1963 | 329 | 1701 | — | 2023 | 067 | |
| | p | 61 | 1958 | 369 | 1380 | 1367 | 1948 | 063 | |
| | f | 62 | 1960 | 520 | 642 | 623 | 2024 | 063 | |
| | f | 63 | 1960 | 528 | 859 | 810 | 1992 | 062 | |
| | f | 64 | 1960 | 850 | 1580 | 1552 | 1991 | 063 | |
| | f | 65 | 1970 | 920 | 1489 | 1440 | 1959 | 063 | |
| | p | 50 | 1973 | 972 | 1650 | — | 1950 | 062 | |
| 19.8 | p | 51 | 1980 | 222 | 1607 | — | 2002 | 064 | |
| | f | 66 | 1981 | 300 | 1391 | 1377 | 2009 | 063 | |
| | f | 67 | 1990 | 338 | 1575 | 1590 | 2017 | 068 | |
| | p | 52 | 1980 | 449 | 860 | — | 2019 | 063 | |
| | f | 68 | 1992 | 488 | 1663 | 1579 | 2000 | 068 | |
| | f | 69 | 1996 | 952 | 1600 | 1556 | 1982 | 070 | |
| | f | 70 | 1998 | 1061 | 1587 | 1611 | 1948 | 070 | |
| | f | 71 | 1980 | 1220 | 662 | 631 | 1927 | 064 | |

| Cl.-Dk. | Diff.-Dk. | Diff.-Dk. | Reduced | Reduced | Magn. | L.K. |
|---------|-----------|-----------|---------|---------|----------------------|-------|
| 1943 | 1739 | 1680 | 895 | 866 | off curve, off curve | |
| 1977 | 1769 | 1761 | 894 | 891 | off curve, off curve | |
| 1946 | 1727 | 1722 | 886 | 885 | off curve, off curve | |
| 1879 | 1359 | 1262 | 723 | 673 | 7.93, 7.73 | |
| 1831 | 1314 | — | 720 | — | | 880 x |
| 1958 | 1053 | 1080 | 538 | 552 | 7.19, 7.26 | |
| 1850 | 1385 | — | 748 | — | | 892 x |
| 1811 | 1542 | — | 852 | — | | |
| 1878 | 1279 | 1256 | 681 | 669 | 7.76, 7.71 | |
| 1950 | 1797 | — | 922 | — | | |
| 1959 | 1411 | — | 823 | — | | |
| 1948 | 992 | 989 | 570 | 507 | 7.08, 7.07 | |
| 1961 | 1019 | 997 | 579 | 509 | 7.16, 7.08 | |
| 1898 | 1290 | 1259 | 680 | 662 | 7.76, 7.70 | |
| 1898 | 1213 | 1200 | 639 | 633 | 7.59, 7.56 | |
| 1956 | 1634 | — | 836 | — | | |
| 1855 | 1317 | 1304 | 698 | 693 | 7.82, 7.80 | |
| 1961 | 579 | 560 | 295 | 285 | 6.25, 6.21 | |
| 1930 | 797 | 748 | 413 | 388 | 6.69, 6.59 | |
| 1928 | 1577 | 1489 | 787 | 771 | 8.17, 8.11 | |
| 1896 | 1426 | 1377 | 753 | 726 | 8.04, 7.93 | |
| 1888 | 1588 | — | 64 | — | | 893 x |
| 1938 | 1543 | — | 798 | — | | |
| 1946 | 1328 | 1314 | 682 | 677 | 7.77, 7.74 | |
| 1949 | 1507 | 1522 | 773 | 782 | 8.13, 8.17 | |
| 1946 | 797 | — | 410 | — | | 376 v |
| 1932 | 1595 | 1511 | 626 | 783 | 8.33, 8.17 | |
| 1912 | 1530 | 1486 | 801 | 777 | 8.24, 8.14 | |
| 1878 | 1517 | 1541 | 808 | 822 | 8.26, 8.33 | |
| 1863 | 598 | 567 | 321 | 306 | 6.35, 6.28 | |

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NJP - RH 855 - Sept 26, 1929

| Star | y | z | Dypl | Dypl | cc | dk | Notes |
|------|------|------|------|------|------|-----|-------|
| 1A | 2130 | 668 | 110 | — | 1847 | 062 | |
| 1 | 2010 | 1009 | 170 | — | 1968 | 062 | |
| 2 | — | — | 232 | — | 1959 | 063 | |
| 3 | — | — | 391 | — | 1990 | 063 | |
| 4 | — | — | 406 | — | 1987 | 063 | |
| 5 | — | — | 799 | — | 2030 | 065 | |
| 6 | — | — | 1131 | — | 2028 | 067 | |
| 7 | — | — | 1172 | — | 2049 | 068 | |
| 8 | — | — | 1662 | — | 2027 | 069 | 520 |

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RH 855
Sept 27, 1929

| | | | | | | | |
|----|------|------|------|---|------|-----|--|
| 1S | 2130 | 721 | 081 | — | 1920 | 030 | |
| 1 | 2010 | 1067 | 118 | — | 1891 | 030 | |
| 2 | — | — | 191 | — | 1860 | 030 | |
| 3 | — | — | 348 | — | 1909 | 030 | |
| 4 | — | — | 369 | — | 1888 | 030 | |
| 5 | — | — | 700 | — | 1955 | 031 | |
| 6 | — | — | 1030 | — | 1962 | 031 | |
| 7 | — | — | 1100 | — | 1970 | 031 | |
| 8 | — | — | 1570 | — | 1965 | 032 | |

20.0

| | | | | | | | | |
|---|----|------|------|------|------|------|-----|--|
| f | 72 | 2010 | 140 | 1549 | 1548 | 1879 | 035 | |
| f | 73 | 2011 | 551 | 1340 | 1280 | 1970 | 038 | |
| f | 53 | 2018 | 991 | 1560 | — | 1905 | 038 | |
| f | 74 | 2001 | 1129 | 1572 | 1570 | 1890 | 040 | |
| f | 54 | 2012 | 1150 | 1320 | — | 1899 | 040 | |
| f | 55 | 2010 | 1240 | 1533 | — | 1841 | 040 | |
| f | 75 | 2005 | 1312 | 558 | 532 | 1855 | 040 | |
| f | 56 | 2011 | 1313 | 1529 | — | 1850 | 040 | |
| f | 76 | 2039 | 392 | 1589 | 1568 | 1960 | 041 | |
| f | 57 | 2030 | 460 | 1500 | — | 1959 | 041 | |
| f | 77 | 2039 | 530 | 258 | 260 | 1980 | 040 | |
| f | 78 | 2022 | 539 | 271 | 270 | 1970 | 040 | |

20.2

| W.-Dk. | Diff.-Dk. | Dpl.-Dk. | Reduced | Reduced | Magn. L.Ks. |
|--------|-----------|----------|---------|---------|-------------|
| 1815 | 48 | — | 26 | — | |
| 1906 | 108 | — | 57 | — | |
| 1896 | 169 | — | 89 | — | |
| 1927 | 328 | — | 171 | — | |
| 1924 | 343 | — | 178 | — | |
| 1965 | 724 | — | 383 | — | |
| 1961 | 1074 | — | 548 | — | |
| 1981 | 1104 | — | 557 | — | |
| 1958 | 1593 | — | 813 | — | |
| 1890 | 757 | — | 27 | — | |
| 1861 | 88 | — | 47 | — | |
| 1830 | 161 | — | 88 | — | |
| 1879 | 218 | — | 169 | — | |
| 1858 | 339 | — | 183 | — | |
| 1924 | 669 | — | 348 | — | |
| 1931 | 999 | — | 577 | — | |
| 1939 | 1069 | — | 582 | — | |
| 1933 | 1338 | — | 796 | — | |
| 1844 | 1514 | 1513 | 823 | 822 | 8.33, 8.32 |
| 1932 | 1302 | 1242 | 875 | 844 | 7.75, 7.63 |
| 1887 | 1622 | — | 807 | — | |
| 1850 | 1532 | 1530 | 829 | 827 | 8.36, 8.34 |
| 1859 | 1280 | — | 688 | — | |
| 1801 | 1493 | — | 828 | — | |
| 1815 | 518 | 492 | 286 | 271 | 6.18, 6.20 |
| 1810 | 1489 | — | 823 | — | 3a x |
| 1919 | 1548 | 1527 | 805 | 796 | 8.26, 8.23 |
| 1918 | 1459 | — | 760 | — | 338 v |
| 1940 | 278 | 230 | 112 | 113 | 5.51, 5.52 |
| 1930 | 231 | 230 | 120 | 119 | 5.57, 5.56 |

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Jmc R+H 855 Sept 27, 1929

| trip | class | star | y | x | Diff | Dyff | cl | Dh | Vol |
|------|-------|------|------|------|------|------|------|-----|-----|
| 20.2 | f | 79 | 2022 | 1139 | 1100 | 1105 | 1901 | 042 | |
| | f | 80 | 2038 | 1182 | 869 | 871 | 1880 | 042 | |
| | f | 81 | 2020 | 1219 | 1255 | 1259 | 1848 | 042 | |
| 20.4 | f | 82 | 2048 | 384 | 380 | 408 | 1943 | 041 | |
| | f | 83 | 2050 | 450 | 060 | 060 | 1900 | 040 | |
| | f | 58 | 2051 | 843 | 1268 | — | 1930 | 042 | |
| | f | 59 | 2050 | 1250 | 1205 | — | 1850 | 045 | |
| 20.6 | f | 84 | 2077 | 373 | 225 | 230 | 1920 | 045 | |
| | f | 85 | 2070 | 400 | 955 | 920 | 1958 | 047 | |
| | f | 86 | 2060 | 425 | 1211 | 1209 | 1990 | 049 | |
| | f | 87 | 2067 | 531 | 1490 | 1508 | 1969 | 050 | |
| | f | 88 | 2071 | 860 | 1400 | 1385 | 1863 | 050 | |
| | f | 60 | 2070 | 1068 | 1491 | — | 1903 | 050 | |
| | f | 61 | 2070 | 1283 | 1545 | — | 1860 | 050 | |
| 20.8 | f | 89 | 2089 | 235 | 986 | 961 | 1930 | 050 | |
| | f | 90 | 2080 | 336 | 730 | 731 | 1970 | 050 | |
| | f | 91 | 2090 | 605 | 1048 | 1070 | 1952 | 050 | |
| | f | 92 | 2089 | 679 | 240 | 220 | 1910 | 050 | |
| | f | 62 | 2091 | 1008 | 1569 | — | 1900 | 050 | |
| | f | 93 | 2090 | 1102 | 772 | 730 | 1890 | 050 | |
| | f | 94 | 2088 | 1200 | 1531 | 1563 | 1873 | 051 | |
| | f | 15 | 2130 | 721 | 081 | — | 1935 | 050 | |
| | f | 1 | 2010 | 1067 | 130 | — | 1890 | 050 | |
| | f | 2 | — | — | 210 | — | 1852 | 050 | |
| | f | 3 | — | — | 340 | — | 1910 | 050 | |
| | f | 4 | — | — | 351 | — | 1880 | 049 | |
| | f | 5 | — | — | 681 | — | 1940 | 050 | |
| | f | 6 | — | — | 1030 | — | 1960 | 050 | |
| | f | 7 | — | — | 1110 | — | 1950 | 051 | |
| | f | 8 | — | — | 1580 | — | 1960 | 051 | |

| Cl.-Dk. | Depl.-Dk. | Depl.-Dk. | Reduced | Reduced | Magn. | L.No. |
|---------|-----------|-----------|---------|---------|----------------------|-------|
| 1859 | 1058 | 1063 | 569 | 572 | 7.32, 7.34 | |
| 1838 | 829 | 829 | 450 | 452 | 6.87, 6.89 | |
| 1806 | 1213 | 1217 | 671 | 673 | 7.13, 7.14 | |
| 1902 | 339 | 367 | 178 | 193 | 5.87, 5.92 | |
| 1860 | 20 | 20 | 11 | 11 | off curve, off curve | |
| 1888 | 1226 | — | 649 | — | | 22x |
| 1805 | 1564 | — | 642 | — | | 926x |
| 1876 | 180 | 185 | 96 | 99 | 6.86, 6.39 | |
| 1914 | 908 | 813 | 476 | 457 | 6.97, 6.89 | |
| 1941 | 1162 | 1160 | 604 | 597 | 7.47, 7.45 | |
| 1919 | 1440 | 1468 | 751 | 760 | 8.05, 8.08 | |
| 1813 | 1350 | 1335 | 744 | 737 | 8.03, 7.99 | |
| 1863 | 1441 | — | 778 | — | | 948v |
| 1810 | 1495 | — | 825 | — | | |
| 1880 | 936 | 911 | 499 | 485 | 7.05, 7.01 | |
| 1920 | 680 | 681 | 354 | 356 | 6.50, 6.51 | |
| 1902 | 998 | 1020 | 525 | 536 | 7.16, 7.19 | |
| 1860 | 190 | 176 | 102 | 91 | 6.43, 6.32 | |
| 1850 | 1579 | — | 853 | — | | 975x |
| 1840 | 722 | 680 | 392 | 369 | 6.64, 6.55 | |
| 1822 | 1480 | 1512 | 812 | 828 | 8.30, 8.36 | |
| 1885 | 31 | — | 16 | — | | |
| 1846 | 80 | — | 43 | — | | |
| 1802 | 160 | — | 88 | — | | |
| 1860 | 290 | — | 156 | — | | |
| 1831 | 302 | — | 165 | — | | |
| 1896 | 631 | — | 344 | — | | |
| 1910 | 980 | — | 513 | — | | |
| 1899 | 1059 | — | 557 | — | | |
| 1909 | 1529 | — | 801 | — | | |

70

RH855 - Sept 27, 1929 - HJP

| trip | class | star | y | x | Dye | Dye | d | dh | Voet |
|------|-------|------|------|------|------|------|------|-----|------|
| | | 10 | 2130 | 721 | 049 | — | 1797 | 012 | 52 |
| | | 1 | 2010 | 1067 | 101 | — | 1845 | 012 | |
| | | 2 | — | — | 171 | — | 1831 | 014 | |
| | | 3 | — | — | 300 | — | 1853 | 017 | |
| | | 4 | — | — | 343 | — | 1870 | 018 | |
| | | 5 | — | — | 641 | — | 1892 | 019 | |
| | | 6 | — | — | 1012 | — | 1922 | 020 | |
| | | 7 | — | — | 1060 | — | 1923 | 021 | |
| | | 8 | — | — | 1571 | — | 1903 | 022 | |
| 21.0 | p | 95 | 2105 | 208 | 1567 | 1549 | 1883 | 027 | |
| | p | 96 | 2100 | 239 | 1011 | 1011 | 1890 | 022 | |
| | p | 63 | 2110 | 320 | 1290 | — | 1909 | 027 | |
| | p | 64 | 2100 | 329 | 1620 | — | 1903 | 031 | |
| | p | 97 | 2100 | 341 | 682 | 620 | 1927 | 029 | |
| | p | 98 | 2100 | 364 | 1169 | 1137 | 1898 | 029 | |
| | p | 99 | 2108 | 367 | 1760 | 1739 | 1925 | 030 | |
| | p | 100 | 2117 | 378 | 1230 | 1232 | 1911 | 032 | |
| | p | 101 | 2116 | 422 | 466 | 518 | 1927 | 030 | |
| | p | 102 | 2100 | 432 | 1626 | 1660 | 1929 | 031 | |
| | p | 103 | 2104 | 436 | 1561 | 1603 | 1929 | 034 | |
| | p | 104 | 2109 | 448 | 1832 | 1773 | 1921 | 037 | |
| | p | 105 | 2117 | 443 | 1561 | 1438 | 1923 | 037 | |
| | p | 106 | 2110 | 463 | 312 | 239 | 1932 | 032 | |
| | p | 107 | 2113 | 942 | 1710 | 1694 | 1890 | 039 | |
| | p | 108 | 2102 | 1073 | 1670 | 1653 | 1839 | 039 | |
| 21.2 | p | 109 | 2137 | 141 | 1302 | 1303 | 1870 | 037 | |
| | p | 110 | 2120 | 332 | 1498 | 1528 | 1920 | 040 | |
| | p | 65 | 2137 | 369 | 849 | — | 1926 | 037 | |
| | p | 111 | 2119 | 390 | 331 | 347 | 1963 | 030 | |
| | p | 112 | 2126 | 482 | 664 | 645 | 1938 | 039 | |

| Cl.-Dk. | Diff.-Dk. | Diff.-Dk. | Reduced | Reduced | Magn. L. No. |
|---------|-----------|-----------|---------|---------|----------------------|
| 1786 | 37 | — | 21 | — | |
| 1833 | 89 | — | 49 | — | |
| 1817 | 157 | — | 87 | — | |
| 1836 | 283 | — | 155 | — | |
| 1862 | 325 | — | 176 | — | |
| 1873 | 622 | — | 332 | — | |
| 1902 | 992 | — | 522 | — | |
| 1902 | 1039 | — | 545 | — | |
| 1881 | 1549 | — | 823 | — | |
| 1856 | 1540 | 1522 | 831 | 822 | 8.38, 8.29 |
| 1868 | 989 | 989 | 531 | 531 | 7.19, 7.19 |
| 1882 | 1263 | — | 172 | — | 22x |
| 1872 | 1589 | — | 847 | — | Cx |
| 1898 | 655 | 591 | 345 | 312 | 6.48, 6.37 |
| 1869 | 1140 | 1108 | 610 | 593 | 7.46, 7.43 |
| 1895 | 1730 | 1709 | 913 | 902 | off curve, off curve |
| 1879 | 1198 | 1200 | 638 | 639 | 7.58, 7.59 |
| 1897 | 436 | 488 | 230 | 258 | 6.07, 6.17 |
| 1898 | 1595 | 1629 | 842 | 859 | 8.36, 8.43 |
| 1895 | 1527 | 1569 | 807 | 828 | 8.23, 8.30 |
| 1884 | 1795 | 1736 | 952 | 920 | off curve, off curve |
| 1886 | 1554 | 1401 | 809 | 743 | 8.23, 7.99 |
| 1900 | 280 | 207 | 147 | 106 | 5.73, 5.45 |
| 1851 | 1671 | 1655 | 905 | 895 | off curve, off curve |
| 1800 | 1631 | 1614 | 907 | 897 | off curve, off curve |
| 1833 | 1265 | 1266 | 690 | 691 | 7.77, 7.75 |
| 1880 | 1458 | 1488 | 776 | 791 | 8.11, 8.05 |
| 1889 | 812 | — | 429 | — | 294v |
| 1930 | 298 | 314 | 154 | 163 | 6.77, 6.83 |
| 1889 | 625 | 606 | 331 | 311 | 6.43, 6.37 |

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1929phae, pro

| Trip | Class | Star | y | z | Sept | Sept | Ce | Sk | Notes |
|------|-------|------|------|------|------|------|------|-----|-------|
| | | 113 | 2150 | 717 | 1656 | 1632 | 1909 | 041 | |
| | | 114 | 2119 | 970 | 1589 | 1542 | 1872 | 042 | |
| | | 115 | 2129 | 978 | 1127 | 1234 | 1879 | 041 | |
| | | 116 | 2150 | 1048 | 130 | 123 | 1854 | 040 | |
| 21.4 | | 117 | 2140 | 227 | 1729 | 1720 | 1903 | 043 | |
| | | 118 | 2149 | 293 | 1139 | 1101 | 1900 | 041 | |
| | | 119 | 2140 | 329 | 190 | 422 | 1921 | 040 | |
| | | 66 | 2151 | 397 | 365 | — | 1900 | 041 | |
| | | 67 | 2157 | 430 | 1429 | — | 1902 | 040 | |
| | | 120 | 2150 | 491 | 1418 | 1427 | 1930 | 043 | |
| | | 121 | 2140 | 613 | 1503 | 1440 | 1917 | 042 | |
| | | 122 | 2138 | 1000 | 1627 | 1590 | 1851 | 048 | |
| 21.6 | | 123 | 2168 | 120 | 1469 | 1411 | 1833 | 048 | |
| | | 68 | 2178 | 207 | 993 | — | 1888 | 047 | |
| | | 124 | 2166 | 450 | 963 | 943 | 1918 | 048 | |
| | | 125 | 2163 | 461 | 1590 | 1609 | 1919 | 049 | |
| | | 126 | 2170 | 512 | 1282 | 1283 | 1920 | 047 | |
| | | 127 | 2168 | 553 | 1695 | 1728 | 1920 | 050 | |
| | | 128 | 2168 | 587 | 1509 | 1457 | 1919 | 051 | |
| | | 129 | 2172 | 857 | 1403 | 1523 | 1862 | 051 | |
| | | 130 | 2161 | 921 | 862 | 968 | 1870 | 050 | |
| | | 131 | 2162 | 961 | 1650 | 1618 | 1882 | 051 | |
| | | 10 | 2130 | 721 | 090 | — | 1837 | 047 | |
| | | 1 | 2010 | 1067 | 140 | — | 1851 | 046 | |
| | | 2 | — | — | 191 | — | 1832 | 048 | |
| | | 3 | — | — | 343 | — | 1855 | 049 | |
| | | 4 | — | — | 347 | — | 1840 | 048 | |
| | | 5 | — | — | 701 | — | 1889 | 049 | |
| | | 6 | — | — | 1037 | — | 1912 | 049 | |
| | | 7 | — | — | 1071 | — | 1913 | 050 | |
| | | 8 | — | — | 1581 | — | 1895 | 050 | 510 |

Cont. in Bk. 62, 214

| Cl.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn. | L. 160. |
|---------|-----------|-----------|---------|---------|----------------------|---------|
| 1868 | 1615 | 1591 | 869 | 857 | off curve, 8.43 | |
| 1830 | 1547 | 1500 | 846 | 821 | 8.37, 8.29 | |
| 1838 | 1086 | 1193 | 593 | 650 | 7.42, 7.63 | |
| 1814 | 90 | 83 | 30 | 46 | 4.41, 4.21 | |
| 1860 | 1686 | 1677 | 908 | 913 | off curve, off curve | |
| 1859 | 1098 | 1060 | 590 | 571 | 7.41, 7.83 | |
| 1881 | 750 | 682 | 398 | 262 | 6.68, 6.65 | |
| 1869 | 329 | — | 174 | — | | 279 ✓ |
| 1862 | 1389 | — | 745 | — | | 274 ✓ |
| 1887 | 1375 | 1384 | 728 | 733 | 7.92, 7.94 | |
| 1875 | 1461 | 1398 | 781 | 746 | 8.14, 7.99 | |
| 1803 | 1599 | 1542 | 875 | 854 | off curve, 8.42 | |
| 1785 | 1421 | 1363 | 796 | 764 | 8.19, 8.06 | |
| 1841 | 946 | — | 574 | — | | 297 x |
| 1870 | 915 | 895 | 488 | 478 | 7.01, 6.97 | |
| 1870 | 1541 | 1560 | 824 | 833 | 8.30, 8.33 | |
| 1813 | 1235 | 1236 | 658 | 659 | 7.67, 7.68 | |
| 1870 | 1645 | 1678 | 879 | 896 | off curve, off curve | |
| 1868 | 1458 | 1406 | 781 | 752 | 8.13, 8.02 | |
| 1811 | 1353 | 1472 | 747 | 814 | 8.00, 8.26 | |
| 1820 | 812 | 968 | 446 | 632 | 6.86, 7.19 | |
| 1831 | 1399 | 1567 | 872 | 856 | off curve, 8.43 | |
| 1790 | 43 | — | 24 | — | | |
| 1805 | 94 | — | 52 | — | | |
| 1784 | 143 | — | 81 | — | | |
| 1806 | 294 | — | 163 | — | | |
| 1792 | 248 | — | 166 | — | | |
| 1840 | 652 | — | 355 | — | | |
| 1823 | 988 | — | 531 | — | | |
| 1863 | 1021 | — | 549 | — | | |
| 1845 | 1531 | — | 830 | — | | |

74

Con. from Reel 2. 855 - Sept 28, 1977

| Strip | Class | Star | γ | δ | Defl | Defl | Cl | Sk | Watts |
|-------|-------|------|----------|----------|------|------|------|-----|-------|
| | | 1A | 2130 | 779 | 071 | - | 1863 | 040 | 510 |
| | | 1 | 2010 | 1120 | 101 | - | 1870 | 040 | |
| | | 2 | - | - | 178 | - | 1843 | 040 | |
| | | 3 | - | - | 320 | - | 1859 | 039 | |
| | | 4 | - | - | 340 | - | 1872 | 038 | |
| | | 5 | - | - | 641 | - | 1909 | 039 | |
| | | 6 | - | - | 1003 | - | 1887 | 040 | |
| | | 7 | - | - | 1093 | - | 1802 | 042 | |
| | | 8 | - | - | 1461 | - | 1783 | 043 | |
| 22.6 | p | | 2260 | 348 | 1632 | 1567 | 1899 | 047 | |
| | p | | 2259 | 403 | 1654 | 1593 | 1919 | 042 | |
| | p | | 2259 | 672 | 1360 | 1298 | 1901 | 043 | |
| | p | | 2267 | 1026 | 1548 | 1607 | 1842 | 050 | |
| | p | | 2270 | 1093 | 1668 | 1643 | 1837 | 050 | |
| | p | | 2270 | 1157 | 1224 | 1195 | 1830 | 049 | |
| 22.8 | p | | 2289 | 228 | 1250 | - | 1852 | 050 | |
| | p | | 2290 | 240 | 1553 | - | 1813 | 051 | |
| | p | | 2283 | 304 | 862 | 862 | 1884 | 050 | |
| | p | | 2290 | 311 | 1500 | - | 1828 | 051 | |
| | p | | 2298 | 390 | 1109 | 1023 | 1890 | 050 | |
| | p | | 2283 | 452 | 1579 | 1552 | 1848 | 053 | |
| | p | | 2280 | 479 | 1571 | 1604 | 1710 | 053 | |
| | p | | 2280 | 638 | 1367 | - | 1820 | 053 | |
| | p | | 2279 | 704 | 1570 | 1623 | 1811 | 053 | |
| | p | | 2280 | 1001 | 1401 | - | 1707 | 052 | |
| | p | | 2280 | 1212 | 1022 | - | 1713 | 050 | |
| | p | | 2280 | 1218 | 1512 | - | 1691 | 047 | 480 |

76

FMC RTH 855 Oct. 1, 1929

| Ship | Class | Star | y | b | Diff | Diff | ce | dh | Notes |
|------|-------|------|------|------|------|------|------|-----|-------|
| | | 15 | 2130 | 710 | 092 | — | 2140 | 041 | 5-20 |
| | | 1 | 2010 | 1052 | 180 | — | 2092 | 050 | |
| | | 2 | — | — | 262 | — | 2060 | 050 | |
| | | 3 | — | — | 481 | — | 2112 | 050 | |
| | | 4 | — | — | 479 | — | 2085 | 050 | |
| | | 5 | — | — | 830 | — | 2161 | 060 | |
| | | 6 | — | — | 1209 | — | 2170 | 060 | |
| | | 7 | — | — | 1379 | — | 2175 | 061 | |
| | | 8 | — | — | 1790 | — | 2193 | 060 | |
| 22.6 | f | 162 | 2259 | 609 | 1555 | 1680 | 2170 | 064 | |
| | f | 163 | 2270 | 1090 | 1450 | 1521 | 2091 | 065 | |
| 22.8 | f | 75 | 2289 | 160 | 1610 | — | 2120 | 063 | |
| | f | 76 | 2290 | 171 | 1819 | — | 2098 | 063 | |
| | f | 164 | 2283 | 239 | 1060 | 1059 | 2150 | 069 | |
| | f | 77 | 2290 | 247 | 1791 | — | 2185 | 070 | |
| | f | 165 | 2299 | 322 | 1230 | 1240 | 2159 | 072 | |
| | f | 166 | 2283 | 385 | 1880 | 1870 | 2181 | 069 | |
| | f | 167 | 2281 | 411 | 1795 | 1890 | 2160 | 071 | |
| | f | 78 | 2280 | 570 | 1771 | — | 2201 | 073 | |
| | f | 79 | 2280 | 1148 | 1471 | — | 2070 | 073 | |
| | f | 80 | 2282 | 1192 | 1125 | — | 2050 | 079 | |
| 23.0 | f | 168 | 2310 | 339 | 849 | 870 | 2200 | 080 | |
| | f | 169 | 2310 | 569 | 1670 | 1655 | 2209 | 083 | |
| | f | 170 | 2300 | 679 | 901 | 860 | 2170 | 082 | |
| | f | 171 | 2310 | 800 | 773 | 760 | 2143 | 081 | |
| | f | 172 | 2303 | 802 | 1820 | 1729 | 2110 | 081 | |
| | f | 173 | 2317 | 851 | 1360 | 1361 | 2160 | 082 | |
| | f | 174 | 2301 | 868 | 1639 | 1660 | 2131 | 089 | |
| | f | 175 | 2317 | 891 | 932 | 940 | 2153 | 090 | |
| | f | 176 | 2310 | 969 | 1509 | 1587 | 2112 | 090 | |

| Cl.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|----------------------|-------------------|
| 2099 | 051 | — | 024 | — | | |
| 2042 | 130 | — | 064 | — | | |
| 2010 | 212 | — | 105 | — | | |
| 2062 | 431 | — | 209 | — | | |
| 2036 | 429 | — | 211 | — | | |
| 2101 | 770 | — | 367 | — | | |
| 2110 | 1149 | — | 547 | — | | |
| 2114 | 1318 | — | 123 | — | | |
| 2133 | 1730 | — | 812 | — | | |
| 2106 | 1491 | 1616 | 708 | 762 | 7.79, 8.02 | |
| 2026 | 1385 | 1456 | 683 | 717 | 7.70, 7.83 | |
| 2057 | 1541 | — | 752 | — | | |
| 2035 | 1766 | — | 863 | — | | |
| 2081 | 991 | 990 | 477 | 476 | 6.93, 6.92 | |
| 2115 | 1721 | — | 814 | — | | 225 ^x |
| 2087 | 1158 | 1168 | 555 | 560 | 7.22, 7.22 | |
| 2112 | 1811 | 1801 | 858 | 853 | off curve, off curve | |
| 2099 | 1724 | 1819 | 822 | 866 | 8.29, off curve | |
| 2128 | 1698 | — | 796 | — | | h ^x |
| 1997 | 1398 | — | 699 | — | | 1044 ^x |
| 1971 | 1046 | — | 532 | — | | 1030 ^x |
| 2120 | 769 | 790 | 363 | 373 | 6.45, 6.61 | |
| 2126 | 1587 | 1572 | 746 | 738 | 7.96, 7.92 | |
| 2088 | 819 | 778 | 392 | 373 | 6.08, 6.50 | |
| 2062 | 692 | 679 | 336 | 329 | 6.33, 6.29 | |
| 2029 | 1739 | 1648 | 856 | 811 | off curve, 8.23 | |
| 2078 | 1278 | 1279 | 615 | 615 | 7.43, 7.43 | |
| 2042 | 1580 | 1571 | 758 | 769 | 8.00, 8.04 | |
| 2063 | 842 | 850 | 408 | 412 | 6.66, 6.67 | |
| 2022 | 1419 | 1497 | 702 | 741 | 7.77, 7.83 | |

78

Jmc R H 855 Oct. 1, 1929

MRD

| | Class | Star | y | z | Diff. | Diff. | U. | Sk. | Ult. |
|-------------|-------|------|------|------|-------|-------|------|-----|------|
| 23.0 | p | 81 | 2310 | 1191 | 1348 | — | 2088 | 090 | |
| 23.2 | f | 177 | 2325 | 521 | 1550 | 1532 | 2220 | 091 | |
| | p | 82 | 2330 | 686 | 1315 | — | 2190 | 098 | |
| | f | 178 | 2320 | 752 | 1415 | 1433 | 2208 | 095 | |
| | f | 179 | 2318 | 960 | 1662 | 1582 | 2118 | 091 | |
| | f | 180 | 2329 | 1056 | 1680 | 1650 | 2110 | 092 | |
| | f | 181 | 2320 | 1070 | 1608 | 1650 | 2129 | 095 | |
| MRD 23.4 | p | 83 | 2356 | 205 | 900 | — | 2210 | 095 | |
| | p | 84 | 2340 | 248 | 580 | — | 2219 | 100 | |
| | f | 182 | 2340 | 585 | 1870 | 1875 | 2260 | 110 | |
| | p | 85 | 2348 | 770 | 1690 | — | 2250 | 102 | |
| | f | 183 | 2343 | 930 | 940 | 942 | 2180 | 100 | |
| | f | 184 | 2340 | 1041 | 1260 | 1240 | 2180 | 100 | |
| 23.6 | f | 185 | 2360 | 831 | 1576 | 1555 | 2248 | 100 | |
| 23.8 | f | 186 | 2386 | 281 | 585 | 590 | 2315 | 103 | |
| | p | 86 | 2387 | 401 | 943 | — | 2370 | 103 | |
| | p | 87 | 2381 | 520 | 1670 | — | 2360 | 103 | |
| | f | 187 | 2380 | 609 | 1635 | 1630 | 2347 | 100 | |
| | p | 88 | 2378 | 775 | 995 | — | 2340 | 109 | |
| | p | 89 | 2382 | 820 | 1500 | — | 2285 | 109 | |
| | p | 90 | 2396 | 829 | 1040 | — | 2299 | 110 | |
| 24.0 | p | 91 | 2414 | 555 | 1710 | — | 2342 | 110 | |
| | f | 188 | 2405 | 609 | 1350 | 1335 | 2350 | 110 | |
| | p | 92 | 2410 | 678 | 520 | — | 2315 | 105 | |
| | f | 189 | 2397 | 1130 | 1650 | 1670 | 2230 | 107 | |
| 24.2 | p | 93 | 2425 | 271 | 1590 | — | 2275 | 109 | |
| | p | 94 | 2420 | 822 | 1260 | — | 2319 | 111 | |
| | f | 190 | 2420 | 841 | 1735 | 1750 | 2269 | 112 | |
| 24.4 | f | 191 | 2448 | 387 | 1615 | 1605 | 2370 | 112 | |
| | f | 192 | 2442 | 690 | 1610 | 1600 | 2352 | 111 | |

| Cl.-Sk. | Defl.-Sk. | Defl.-Sk. | Reduced | Reduced | magn. | L.No. |
|---------|-----------|-----------|---------|---------|------------|-------------------|
| 1998 | 1258 | — | 630 | — | — | 1043 ^x |
| 2129 | 1459 | 1441 | 684 | 677 | 7.71, 7.67 | |
| 2092 | 1217 | — | 582 | — | — | 62 ^v |
| 2113 | 1326 | 1338 | 626 | 632 | 7.46, 7.50 | |
| 2027 | 1571 | 1491 | 774 | 734 | 8.06, 7.91 | |
| 2018 | 1588 | 1558 | 786 | 772 | 8.10, 8.05 | |
| 2834 | 1513 | 1555 | 744 | 766 | 7.95, 8.03 | |
| 2115 | 806 | — | 381 | — | — | 242 ^x |
| 2119 | 480 | — | 226 | — | — | 239 ^x |
| 2150 | 1760 | 1765 | 818 | 822 | 8.26, 8.29 | |
| 2098 | 1588 | — | 756 | — | — | f ^v |
| 2080 | 840 | 842 | 387 | 389 | 6.57, 6.58 | |
| 2080 | 1160 | 1100 | 414 | 393 | 6.68, 6.58 | |
| 2148 | 1476 | 1455 | 686 | 677 | 7.70, 7.67 | |
| 2212 | 482 | 487 | 217 | 221 | 5.78, 5.81 | |
| 2267 | 840 | — | 371 | — | — | 183 ^x |
| 2257 | 1587 | — | 695 | — | — | b ^v |
| 2247 | 1535 | 1530 | 683 | 681 | 7.70, 7.68 | |
| 2231 | 886 | — | 398 | — | — | 1279 ^v |
| 2176 | 1391 | — | 639 | — | — | 1246 ^v |
| 2189 | 930 | — | 424 | — | — | 1242 ^v |
| 2232 | 1600 | — | 717 | — | — | 118 ^v |
| 2240 | 1240 | 1225 | 654 | 647 | 7.20, 7.17 | |
| 2210 | 415 | — | 188 | — | — | 56 ^v |
| 2223 | 1543 | 1563 | 694 | 704 | 7.74, 7.78 | |
| 2266 | 1484 | — | 655 | — | — | 206 ^x |
| 2208 | 1149 | — | 620 | — | — | 1251 ^v |
| 2257 | 1623 | 1638 | 720 | 726 | 7.84, 7.87 | |
| 2258 | 1503 | 1483 | 672 | 668 | 7.63, 7.67 | |
| 2241 | 1499 | 1489 | 668 | 664 | 7.64, 7.62 | |

80

MRD RH855 Oct 1, 1929

| Strip | Class | Star | y | x | Defl. | Defl. | Cl. | Alt. | valt. |
|--------------|-------|------|--------|------|-------|-------|------|------|-------|
| 24.6 | p | 95 | 2440 | 1132 | 1755 | — | 2253 | 113 | |
| | f | 193 | 2467 | 379 | 1800 | 1759 | 2420 | 110 | |
| | f | 194 | 2464 | 452 | 1560 | 1570 | 2430 | 115 | |
| | f | 195 | 2472 | 540 | 1825 | 1840 | 2420 | 114 | |
| | p | 96 | 2470 | 910 | 1307 | — | 2350 | 110 | |
| | f | 196 | 2470 | 1020 | 1785 | 1800 | 2300 | 110 | |
| | | | 152130 | 710 | 182 | — | 2325 | 117 | |
| | | | 12010 | 1052 | 265 | — | 2352 | 119 | |
| | | 2 | — | — | 375 | — | 2332 | 110 | |
| | | 3 | — | — | 580 | — | 2364 | 115 | |
| | | 4 | — | — | 580 | — | 2380 | 118 | |
| | | 5 | — | — | 990 | — | 2410 | 118 | |
| | | 6 | — | — | 1375 | — | 2430 | 120 | |
| | | 7 | — | — | 1465 | — | 2443 | 120 | |
| | | 8 | — | — | 2050 | — | 2460 | 120 | |
| <hr/> | | | | | | | | | |
| Time | RH855 | 12 | 2130 | 712 | 190 | — | 2320 | 130 | |
| <hr/> | | | | | | | | | |
| Windy | | | | | | | | | |
| Oct. 3, 1929 | | | | | | | | | |
| 24.8 | | 1 | 2010 | 1058 | 280 | — | 2282 | 142 | |
| | | 2 | — | — | 392 | — | 2250 | 140 | |
| | | 3 | — | — | 600 | — | 2300 | 130 | |
| | | 4 | — | — | 600 | — | 2271 | 132 | |
| | | 5 | — | — | 989 | — | 2341 | 140 | |
| | | 6 | — | — | 1370 | — | 2360 | 140 | |
| | | 7 | — | — | 1421 | — | 2358 | 140 | |
| | | 8 | — | — | 2082 | — | 2380 | 140 | |
| | | | 2482 | 325 | 1560 | 1501 | 2390 | 148 | |
| | | | 2499 | 773 | 2020 | — | 2340 | 150 | |
| | | | 2500 | 428 | 1920 | 1925 | 2369 | 150 | |
| | | | 2510 | 618 | 1685 | 1670 | 2380 | 155 | |
| | | | 2510 | 1010 | 1512 | — | 2300 | 150 | |
| | | | 2503 | 1098 | 1380 | — | 2265 | 150 | |
| | | | | | | | | | |
| 25.0 | f | 197 | | | | | | | |
| | f | 97 | | | | | | | |
| | f | 198 | | | | | | | |
| | f | 199 | | | | | | | |
| | f | 98 | | | | | | | |
| | f | 99 | | | | | | | |

| Cl.-Sk. | Defl.-Sk. | Defl.-Sk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|--------|
| 2246 | 1642 | — | 734 | — | | 1110 x |
| 2310 | 1690 | 1649 | 732 | 713 | 7.90, 7.83 | |
| 2315 | 1445 | 1455 | 624 | 628 | 7.45, 7.49 | |
| 2306 | 1811 | 1826 | 786 | 792 | 8.10, 8.13 | |
| 2240 | 1197 | — | 535 | — | | 1208 x |
| 2190 | 1675 | 1690 | 765 | 767 | 8.03, 8.04 | |
| 2208 | 85 | — | 29 | — | | |
| 2233 | 146 | — | 65 | — | | |
| 2222 | 265 | — | 119 | — | | |
| 2249 | 465 | — | 207 | — | | |
| 2262 | 462 | — | 204 | — | | |
| 2292 | 870 | — | 382 | — | | |
| 2310 | 1255 | — | 543 | — | | |
| 2323 | 1345 | — | 579 | — | | |
| 2340 | 1930 | — | 825 | — | | |
| 2190 | 60 | — | 27 | — | | |
| 2140 | 138 | — | 65 | — | | |
| 2110 | 252 | — | 119 | — | | |
| 2170 | 470 | — | 216 | — | | |
| 2139 | 468 | — | 219 | — | | |
| 2201 | 949 | — | 431 | — | | |
| 2220 | 1230 | — | 534 | — | | |
| 2218 | 1271 | — | 574 | — | | |
| 2240 | 1892 | — | 844 | — | | |
| 2242 | 1412 | 1353 | 630 | 603 | 7.34, 7.24 | |
| 2190 | 1870 | — | 853 | — | | |
| 2219 | 1770 | 1775 | 798 | 802 | 8.13, 8.17 | |
| 2235 | 1530 | 1515 | 684 | 677 | 7.57, 7.54 | |
| 2150 | 1362 | — | 634 | — | | 1104 x |
| 2115 | 1280 | — | 582 | — | | 1141 x |

82

JMC. RH 855 Oct 3, 1929

| Strip | Class | Star | y | x | Defl. | Defl. | Cl. | Ok. | Volt. |
|-------|-------|------|------|------|-------|-------|------|-----|-------|
| 25.2 | f | 200 | 2530 | 499 | 1440 | 1370 | 2409 | 151 | |
| | f | 201 | 2522 | 645 | 339 | 330 | 2360 | 150 | |
| | f | 202 | 2521 | 930 | 1650 | 1632 | 2270 | 150 | |
| 25.4 | fp | 100 | 2541 | 430 | 2000 | — | 2385 | 160 | |
| | fp | 101 | 2540 | 759 | 1860 | — | 2330 | 160 | |
| 25.6 | f | 102 | 2561 | 657 | 1270 | — | 2380 | 160 | |
| | f | 203 | 2569 | 709 | 1780 | 1690 | 2352 | 162 | |
| | fp | 103 | 2562 | 710 | 1630 | — | 2368 | 160 | |
| | f | 104 | 2560 | 940 | 675 | — | 2340 | 160 | |
| 25.8 | f | 204 | 2593 | 503 | 490 | 498 | 2380 | 160 | |
| | f | 105 | 2585 | 900 | 1680 | — | 2301 | 170 | |
| 26.0 | f | 205 | 2611 | 570 | 2050 | 2100 | 2410 | 172 | |
| 26.2 | f | 206 | 2631 | 702 | 1680 | 1719 | 2385 | 171 | |
| | | 18 | 2130 | 712 | 200 | — | 2370 | 170 | |
| | | 1 | 2010 | 1058 | 345 | — | 2310 | 162 | |
| | | 2 | — | — | 440 | — | 2278 | 170 | |
| | | 3 | — | — | 672 | — | 2340 | 162 | |
| | | 4 | — | — | 650 | — | 2308 | 160 | |
| | | 5 | — | — | 1090 | — | 2390 | 165 | |
| | | 6 | — | — | 1460 | — | 2385 | 169 | |
| | | 7 | — | — | 1610 | — | 2380 | 170 | |
| | | 8 | — | — | 2000 | — | 2405 | 170 | |

Plate finished

| Cl.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|-------------------|
| 2258 | 1289 | 1219 | 571 | 540 | 7.12, 6.98 | |
| 2310 | 189 | 180 | 82 | 779 | 4.60, 4.49 | |
| 2120 | 1500 | 1482 | 708 | 700 | 7.68, 7.63 | |
| 2225 | 1840 | — | 827 | — | | 135 ^x |
| 2278 | 1700 | — | 748 | — | | 8 ^x |
| 2220 | 1110 | — | 501 | — | | 51 ^x |
| 2190 | 1618 | 1528 | 737 | 696 | 7.84, 7.63 | |
| 2208 | 1470 | — | 666 | — | | 23 ^x |
| 2180 | 515 | — | 236 | — | | 1214 ^x |
| 2220 | 330 | 338 | 149 | 152 | 5.47, 5.50 | |
| 2131 | 1520 | — | 714 | — | | |
| 2238 | 1878 | 1928 | 839 | 861 | 8.35, 8.47 | |
| 2214 | 1509 | 1548 | 681 | 698 | 7.55, 7.62 | |
| 2200 | 80 | — | 86 | — | | |
| 2148 | 183 | — | 85 | — | | |
| 2108 | 270 | — | 128 | — | | |
| 2178 | 480 | — | 220 | — | | |
| 2148 | 490 | — | 228 | — | | |
| 2225 | 925 | — | 417 | — | | |
| 2216 | 1291 | — | 684 | — | | |
| 2210 | 1440 | — | 652 | — | | |
| 2235 | 1830 | — | 818 | — | | |

84

fmc
MRD

RH 1005, Oct 3, 1929

| trips | class | star | y | Defl | Dye | cl | Dist | Vol |
|-------------|-------|------|------|------|------|------|------|-----|
| | | 15 | 2122 | 803 | 820 | 2150 | 170 | |
| | | 1 | 1800 | 970 | 1231 | 2260 | 178 | |
| | | 2 | — | — | 1339 | 2249 | 178 | |
| | | 3 | — | — | 1419 | 2220 | 178 | |
| | | 4 | — | — | 1600 | 2269 | 179 | |
| | | 5 | — | — | 1679 | 2160 | 180 | |
| | | 6 | — | — | 1850 | 2192 | 180 | |
| | | 7 | — | — | 1880 | 2220 | 180 | |
| | | 8 | — | — | 2048 | 2205 | 180 | |
| MRD 14.6 | f | 1 | 1452 | 700 | 1980 | 2010 | 2280 | 180 |
| 14.8 | f | 1 | 1493 | 803 | 1885 | — | 2285 | 185 |
| | f | 2 | 1480 | 839 | 2085 | 2065 | 2310 | 192 |
| | f | 3 | 1480 | 851 | 2040 | 2015 | 2260 | 184 |
| | f | 2 | 1480 | 881 | 1862 | — | 2330 | 195 |
| 15.0 | f | 3 | 1510 | 511 | 1955 | — | 2301 | 197 |
| | f | 4 | 1505 | 845 | 1839 | 1849 | 2338 | 196 |
| | f | 5 | 1500 | 880 | 1360 | 1354 | 2320 | 192 |
| | f | 4 | 1503 | 959 | 1860 | — | 2330 | 194 |
| 15.2 | f | 6 | 1537 | 819 | 1690 | 1680 | 2240 | 196 |
| 15.4 | f | 7 | 1554 | 389 | 2000 | 1980 | 2300 | 196 |
| | f | 8 | 1540 | 928 | 1920 | 1935 | 2335 | 198 |
| 15.6 | f | 9 | 1572 | 340 | 2040 | 2058 | 2255 | 195 |
| | f | 10 | 1560 | 390 | 2070 | 2080 | 2304 | 197 |
| | f | 5 | 1569 | 437 | 1220 | — | 2270 | 194 |
| | f | 6 | 1567 | 521 | 2020 | — | 2304 | 197 |
| | f | 11 | 1572 | 1028 | 1720 | 1720 | 2330 | 199 |
| | | 15 | 2122 | 803 | 845 | 2090 | 199 | |
| | | 1 | 1800 | 970 | 1260 | — | 2287 | 199 |
| | | 2 | — | — | 1402 | — | 2270 | 198 |
| | | 3 | — | — | 1465 | — | 2235 | 199 |

| Cl.-Sk. | Defl.-Sk. | Defl.-Sk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|------------------|
| 1980 | 650 | — | 329 | — | | |
| 2082 | 1053 | — | 567 | — | | |
| 2071 | 1161 | — | 559 | — | | |
| 2042 | 1241 | — | 597 | — | | |
| 2587 | 1421 | — | 681 | — | | |
| 1980 | 1499 | — | 757 | — | | |
| 2012 | 1670 | — | 831 | — | | |
| 2040 | 1706 | — | 833 | — | | |
| 2025 | 1868 | — | 922 | — | | |
| 2100 | 1800 | 1830 | 857 | 872 | 7.50, 7.69 | |
| 2100 | 1700 | — | 809 | — | — | k ^x |
| 2118 | 1893 | 1873 | 892 | 884 | 7.90, 7.81 | |
| 2076 | 1856 | 1831 | 853 | 841 | 7.44, 7.33 | |
| 2135 | 1667 | — | 782 | — | | 809 ^x |
| 2104 | 1758 | — | 835 | — | | 683 ^x |
| 2142 | 1643 | 1653 | 767 | 772 | 6.68, 6.73 | |
| 2128 | 1168 | 1162 | 547 | 546 | 4.87, 4.86 | |
| 2136 | 1666 | — | 780 | — | | 844 ^x |
| 2044 | 1494 | 1484 | 697 | 693 | 6.18, 6.16 | |
| 2104 | 1804 | 1784 | 857 | 847 | 7.50, 7.39 | |
| 2137 | 1722 | 1737 | 807 | 813 | 7.01, 7.07 | |
| 2060 | 1845 | 1863 | 896 | 904 | 7.96, 8.05 | |
| 2107 | 1873 | 1883 | 888 | 892 | 7.85, 7.91 | |
| 2076 | 1026 | — | 494 | — | | 660 ^x |
| 2107 | 1823 | — | 866 | — | | 681 ^x |
| 2131 | 1521 | 1521 | 714 | 714 | 6.32, 6.32 | |
| 1891 | 646 | — | 342 | — | | |
| 2088 | 1061 | — | 509 | — | | |
| 2172 | 1204 | — | 582 | — | | |
| 2036 | 1266 | — | 623 | — | | |

86

MRR RH 1005 Oct 3/1929

| Star | γ | χ | Defl | Defl | @ | Ok |
|------|----------|--------|------|------|------|-----|
| 4 | — | — | 1620 | — | 2280 | 200 |
| 5 | — | — | 1680 | — | 2180 | 204 |
| 6 | — | — | 1850 | — | 2192 | 207 |
| 7 | — | — | 1900 | — | 2240 | 205 |
| 8 | — | — | 2055 | — | 2220 | 205 |

31 pp- RH 1005 - Oct 3, 1929 volts = 520

| | | | | | | |
|----------------|------|-----|------|------|------|-----|
| 12 | 2122 | 803 | 438 | — | 1580 | 219 |
| 1 | 1800 | 970 | 1043 | — | 1721 | 219 |
| 2 | — | — | 1047 | — | 1690 | 213 |
| 3 | — | — | 1152 | — | 1670 | 229 |
| 4 | — | — | 1283 | — | 1725 | 227 |
| 5 | — | — | 1271 | — | 1648 | 221 |
| 6 | — | — | 1390 | — | 1668 | 222 |
| 7 | — | — | 1448 | — | 1689 | 220 |
| 8 | — | — | 1551 | — | 1676 | 223 |
| 12 | 1580 | 424 | 1621 | 1613 | 1712 | 223 |
| 13 | 1587 | 518 | 1697 | 1687 | 1739 | 222 |
| 7 | 1590 | 601 | 1651 | — | 1732 | 232 |
| 14 | 1590 | 630 | 1613 | 1594 | 1747 | 227 |
| 8 | 1582 | 819 | 1483 | — | 1652 | 223 |
| 15 | 1589 | 849 | 1618 | 1642 | 1751 | 227 |
| Conn in Bk. 71 | | | 2 | | | |

15.8
pp
pp
pp
pp
pp

| Cl. - Dk. | Defl. - Dk. | Defl. - Dk. | Reduced | Reduced | Magn. | L. No. |
|-----------|-------------|-------------|---------|---------|----------------------|------------------|
| 2080 | 1420 | — | 680 | — | | |
| 1976 | 1476 | — | 747 | — | | |
| 1988 | 1646 | — | 827 | — | | |
| 2036 | 1695 | — | 832 | — | | |
| 2015 | 1850 | — | 917 | — | | |
| 1361 | 579 | — | 382 | — | | |
| 1502 | 824 | — | 548 | — | | |
| 1477 | 834 | — | 564 | — | | |
| 1441 | 923 | — | 640 | — | | |
| 1498 | 1056 | — | 705 | — | | |
| 1427 | 1050 | — | 734 | — | | |
| 1446 | 1168 | — | 806 | — | | |
| 1469 | 1228 | — | 835 | — | | |
| 1453 | 1328 | — | 914 | — | | |
| 1489 | 1398 | 1390 | 939 | 933 | 8.64, 8.47 | |
| 1517 | 1425 | 1465 | 972 | 965 | off curve, off curve | |
| 1500 | 1419 | — | 943 | — | | |
| 1520 | 1386 | 1367 | 912 | 900 | 8.33, 8.19 | |
| 1429 | 1260 | — | 882 | — | | 791 ^x |
| 1524 | 1391 | 1415 | 913 | 927 | 8.33, 8.52 | |

88

fmc Oct. 10, 1929

Cont. from bk 71, pg 26 ¹⁰⁰⁵

| strip | Class | Star | γ | δ | Decl | Decl | Ce | Alt | Volts |
|-------|-------|------|----------|----------|------|------|------|-----|-------|
| | | 18 | 2122 | 800 | 821 | — | 1880 | 220 | 5.20 |
| | | 1 | 1800 | 965 | 1220 | — | 1992 | 230 | |
| | | 2 | — | — | 1273 | — | 1981 | 230 | |
| | | 3 | — | — | 1323 | — | 1905 | 220 | |
| | | 4 | — | — | 1480 | — | 2000 | 225 | |
| | | 5 | — | — | 1540 | — | 1912 | 230 | |
| | | 6 | — | — | 1631 | — | 1970 | 230 | |
| | | 7 | — | — | 1698 | — | 1978 | 230 | |
| | | 8 | — | — | 1830 | — | 1972 | 223 | |
| 24.4 | f | 107 | 2440 | 641 | 1490 | — | 1887 | 220 | |
| | f | 108 | 2440 | 831 | 1655 | — | 1950 | 220 | |
| | f | 201 | 2451 | 895 | 1810 | 1810 | 1931 | 219 | |
| | f | 109 | 2440 | 1095 | 1642 | — | 1981 | 220 | |
| 24.6 | f | 110 | 2478 | 571 | 1644 | — | 1890 | 225 | |
| | f | 202 | 2470 | 790 | 1611 | 1588 | 1901 | 223 | |
| | f | 111 | 2470 | 941 | 1768 | — | 1942 | 231 | |
| | f | 203 | 2471 | 971 | 1769 | 1751 | 1970 | 243 | |
| | f | 204 | 2460 | 993 | 1802 | 1812 | 1995 | 243 | |
| 24.8 | f | 205 | 2490 | 383 | 1745 | 1753 | 1960 | 250 | |
| | f | 206 | 2488 | 630 | 1790 | 1782 | 1950 | 242 | |
| | f | 207 | 2490 | 820 | 478 | 461 | 1819 | 239 | |
| | f | 112 | 2479 | 1051 | 1555 | — | 2009 | 230 | |
| | f | 208 | 2481 | 1090 | 1690 | 1688 | 2021 | 230 | |
| 25.0 | f | 113 | 2512 | 458 | 1495 | — | 1950 | 228 | |
| | f | 209 | 2500 | 1039 | 1712 | 1750 | 2001 | 230 | |
| 25.2 | f | 210 | 2525 | 447 | 1720 | 1688 | 1950 | 230 | |
| | f | 211 | 2519 | 570 | 1800 | 1810 | 1958 | 230 | |
| | f | 212 | 2524 | 600 | 1760 | 1780 | 1960 | 232 | |
| | f | 114 | 2521 | 750 | 1409 | — | 1975 | 232 | |
| | f | 213 | 2521 | 808 | 1568 | 1532 | 1962 | 230 | |

| Cl.-dk. | Defl.-dk. | Defl.-dk. | Reduced | Reduced | Magn | L. No |
|---------|-----------|-----------|---------|---------|----------------------|------------------|
| 1660 | 601 | — | 363 | — | | |
| 1762 | 990 | — | 562 | — | | |
| 1751 | 1043 | — | 596 | — | | |
| 1685 | 1103 | — | 595 | — | | |
| 1775 | 1255 | — | 708 | — | | |
| 1682 | 1310 | — | 778 | — | | |
| 1740 | 1401 | — | 806 | — | | |
| 1748 | 1468 | — | 835 | — | | |
| 1749 | 1607 | — | 919 | — | | |
| 1667 | 1270 | — | 767 | — | | 240 [✓] |
| 1730 | 1435 | — | 830 | — | | b [✓] |
| 1712 | 1591 | 1591 | 929 | 929 | 8.32, 8.32 | |
| 1761 | 1422 | — | 807 | — | | 23 ⁺ |
| 1665 | 1419 | — | 862 | — | | 264 ⁺ |
| 1678 | 1388 | 1362 | 826 | 813 | 7.27, 7.14 | |
| 1711 | 1537 | — | 892 | — | | 90 ⁺ |
| 1727 | 1526 | 1508 | 883 | 873 | 7.87, 7.78 | |
| 1752 | 1559 | 1569 | 890 | 895 | 7.94, 8.00 | |
| 1710 | 1495 | 1503 | 873 | 878 | 7.76, 7.82 | |
| 1708 | 1548 | 1540 | 905 | 902 | 8.05, 8.04 | |
| 1580 | 239 | 222 | 153 | 141 | off curve, off curve | |
| 1769 | 1325 | — | 750 | — | | 51 ⁺ |
| 1791 | 1460 | 1458 | 815 | 813 | 7.17, 7.16 | |
| 1722 | 1267 | — | 737 | — | | 297 ⁺ |
| 1771 | 1482 | 1520 | 837 | 858 | 7.49, 7.61 | |
| 1720 | 1490 | 1458 | 867 | 846 | 7.72, 7.50 | |
| 1728 | 1570 | 1580 | 908 | 913 | 8.11, 8.20 | |
| 1728 | 1528 | 1548 | 885 | 896 | 7.78, 8.00 | |
| 1743 | 1177 | — | 676 | — | | 183 ⁺ |
| 1732 | 1338 | 1502 | 772 | 752 | 6.74, 6.52 | |

90

#mc Rtt 1005 Oct. 10 1929

| Strip | Class | Star | Sp | To | Sppl | Sppl | ce | rk | Notes |
|-------|-------|------|------|-----|------|------|------|-----|-------|
| 25.4 | f | 214 | 2550 | 739 | 1532 | 1522 | 1983 | 230 | |
| 25.6 | f | 215 | 2560 | 449 | 1670 | 1668 | 1958 | 230 | |
| | f | 115 | 2561 | 571 | 1768 | — | 1952 | 228 | |
| | f | 216 | 2560 | 621 | 1620 | 1610 | 1945 | 228 | |
| | f | 217 | 2572 | 969 | 1640 | 1612 | 2001 | 228 | |
| 25.8 | f | 116 | 2599 | 605 | 1020 | — | 1951 | 222 | |
| | f | 218 | 2590 | 620 | 1787 | 1762 | 1950 | 225 | |
| | f | 219 | 2599 | 752 | 1720 | 1690 | 1965 | 225 | |
| 26.0 | f | 117 | 2610 | 519 | 1800 | — | 1965 | 230 | |
| | f | 220 | 2615 | 889 | 1785 | 1792 | 1971 | 230 | |
| | f | 221 | 2603 | 968 | 1822 | 1818 | 2017 | 230 | |
| 26.2 | f | 118 | 2619 | 509 | 1598 | — | 1958 | 230 | |
| | f | 119 | 2639 | 588 | 1225 | — | 1962 | 229 | |
| | f | 222 | 2633 | 762 | 1560 | 1548 | 1975 | 230 | |
| | f | 120 | 2620 | 877 | 1740 | — | 1998 | 230 | |
| | f | 121 | 2630 | 909 | 1829 | — | 2015 | 232 | |
| | f | 122 | 2631 | 931 | 1460 | — | 2008 | 230 | |
| 26.4 | f | 223 | 2650 | 620 | 1688 | 1678 | 1958 | 230 | |
| | f | 224 | 2652 | 650 | 1392 | 1389 | 1932 | 230 | |
| | f | 123 | 2640 | 680 | 1555 | — | 1945 | 230 | |
| | f | 225 | 2651 | 809 | 1761 | 1762 | 1975 | 232 | |
| 26.6 | f | 124 | 2662 | 707 | 1790 | — | 1941 | 232 | |
| | f | 226 | 2670 | 729 | 1119 | 1120 | 1951 | 231 | |
| | | 18 | 2122 | 800 | 837 | — | 1959 | 231 | |
| | | 1 | 1800 | 965 | 1241 | — | 2050 | 231 | |
| | | 2 | — | — | 1342 | — | 2030 | 230 | |
| | | 3 | — | — | 1440 | — | 1950 | 230 | |
| | | 4 | — | — | 1490 | — | 2040 | 230 | |
| | | 5 | — | — | 1540 | — | 1930 | 230 | |
| | | 6 | — | — | 1677 | — | 2002 | 240 | |
| | | 7 | — | — | 1765 | — | 2021 | 240 | |
| | | 8 | — | — | 1862 | — | 2009 | 240 | |

Plate finished

| Cl.-Sk. | Defl.-Sk. | Defl.-Sk. | Reduced | Reduced | Magn. | L. No |
|---------|-----------|-----------|---------|---------|------------|------------------|
| 1753 | 1302 | 1292 | 743 | 737 | 6.43, 6.38 | |
| 1728 | 1440 | 1438 | 834 | 832 | 7.36, 7.35 | |
| 1724 | 1540 | — | 894 | — | | 225 ^x |
| 1717 | 1392 | 1382 | 811 | 805 | 7.12, 7.06 | |
| 1773 | 1412 | 1384 | 747 | 782 | 6.98, 6.83 | |
| 1729 | 798 | — | 761 | — | | 239 ^x |
| 1725 | 1562 | 1537 | 907 | 892 | 8.12, 7.97 | |
| 1730 | 1495 | 1465 | 863 | 847 | 7.70, 7.50 | |
| 1735 | 1570 | — | 905 | — | | |
| 1741 | 1555 | 1562 | 893 | 897 | 7.45, 8.00 | |
| 1787 | 1692 | 1588 | 947 | 886 | 8.48, 7.90 | |
| 1728 | 1368 | — | 791 | — | | |
| 1733 | 996 | — | 575 | — | | 242 ^x |
| 1745 | 1330 | 1318 | 762 | 760 | 6.62, 6.61 | |
| 1768 | 1510 | — | 853 | — | | 135 ^x |
| 1783 | 1587 | — | 889 | — | | |
| 1778 | 1230 | — | 693 | — | | 120 ^x |
| 1728 | 1458 | 1448 | 844 | 838 | 7.48, 7.39 | |
| 1702 | 1162 | 1169 | 684 | 880 | 5.83, 5.79 | |
| 1715 | 1325 | — | 772 | — | | 206 ^x |
| 1743 | 1529 | 1530 | 874 | 878 | 7.80, 7.82 | |
| 1709 | 1558 | — | 911 | — | | |
| 1720 | 888 | 889 | 516 | 517 | 4.07, 4.06 | |
| 1728 | 606 | — | 351 | — | | |
| 1819 | 1016 | — | 586 | — | | |
| 1800 | 1112 | — | 117 | — | | |
| 1720 | 1210 | — | 703 | — | | |
| 1810 | 1260 | — | 696 | — | | |
| 1760 | 1316 | — | 772 | — | | |
| 1762 | 1439 | — | 815 | — | | |
| 1781 | 1525 | — | 856 | — | | |
| 1769 | 1622 | — | 922 | — | | |

92

fmc RH 1006 Oct. 11, 1929

| strip | class | star | y | x | D _{eff} | D _{eff} | cl | Dh | Volch |
|-------|-------|------|------|------|------------------|------------------|------|-----|-------|
| | | 13 | 2130 | 773 | 560 | | 1320 | 160 | |
| | | 1 | 1801 | 931 | 871 | — | 1420 | 162 | |
| | | 2 | — | — | 900 | — | 1421 | 165 | |
| | | 3 | — | — | 981 | — | 1391 | 168 | |
| | | 4 | — | — | 998 | — | 1439 | 169 | |
| | | 5 | — | — | 1079 | — | 1443 | 168 | |
| | | 6 | — | — | 1127 | — | 1388 | 169 | |
| | | 7 | — | — | 1160 | — | 1401 | 168 | |
| | | 8 | — | — | 1308 | — | 1440 | 168 | |
| 14.8 | f | 1 | 1489 | 821 | 1422 | 1449 | 1585 | 212 | |
| | f | 2 | 1481 | 833 | 1420 | 1410 | 1530 | 201 | |
| | f | 1 | 1481 | 840 | 1300 | — | 1558 | 199 | |
| 15.0 | f | 2 | 1510 | 698 | 1430 | — | 1570 | 190 | |
| | f | 3 | 1500 | 760 | 1405 | — | 1630 | 180 | |
| | f | 3 | 1510 | 830 | 1320 | 1345 | 1650 | 180 | |
| | f | 4 | 1507 | 864 | 1073 | 1060 | 1660 | 180 | |
| | f | 4 | 1509 | 915 | 1330 | — | 1675 | 180 | |
| 15.2 | f | 5 | 1530 | 390 | 1480 | — | 1605 | 180 | |
| | f | 6 | 1520 | 470 | 1500 | — | 1680 | 181 | |
| 15.4 | f | 5 | 1540 | 800 | 1352 | 1340 | 1760 | 181 | |
| | f | 6 | 1548 | 910 | 1530 | 1510 | 1795 | 181 | |
| 15.6 | f | 7 | 1579 | 321 | 1540 | 1527 | 1719 | 180 | |
| | f | 8 | 1560 | 370 | 1509 | 1508 | 1758 | 181 | |
| 15.8 | f | 7 | 1580 | 396 | 990 | — | 1768 | 183 | |
| | f | 8a | 1580 | 480 | 1578 | — | 1790 | 189 | |
| | f | 9 | 1597 | 618 | 1692 | 1709 | 1840 | 190 | |
| | f | 8b | 1590 | 780 | 1619 | — | 1882 | 190 | |
| | f | 10 | 1580 | 1010 | 1450 | 1461 | 1913 | 190 | |
| 16.0 | f | 9 | 1615 | 390 | 1565 | — | 1830 | 192 | |
| | f | 11 | 1607 | 410 | 1780 | 1792 | 1870 | 220 | |

| ce.-dk. | Defl.-dk. | Defl.-dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|--------|
| 11 60 | 400 | — | 345 | — | | |
| 12 58 | 719 | — | 564 | — | | |
| 12 36 | 735 | — | 585 | — | | |
| 12 28 | 813 | — | 665 | — | | |
| 12 70 | 829 | — | 653 | — | | |
| 12 75 | 911 | — | 715 | — | | |
| 12 19 | 958 | — | 786 | — | | |
| 12 33 | 992 | — | 806 | — | | |
| 12 72 | 1140 | — | 897 | — | | |
| 13 73 | 1210 | 1237 | 882 | 902 | 7.96, 8.10 | |
| 13 29 | 1219 | 1209 | 917 | 910 | 8.24, 8.20 | |
| 13 69 | 1101 | — | 811 | — | | 809x |
| 13 80 | 1240 | — | 898 | — | | 958x |
| 14 50 | 1225 | — | 845 | — | | 62x |
| 14 70 | 1140 | 1165 | 775 | 792 | 6.98, 7.13 | |
| 14 80 | 893 | 880 | 604 | 594 | 5.38, 5.30 | |
| 14 95 | 1150 | — | 768 | — | | 844x |
| 14 25 | 1260 | — | 843 | — | | |
| 14 99 | 1319 | — | 878 | — | | 683x |
| 15 79 | 1171 | 1159 | 742 | 733 | 6.64, 6.54 | |
| 16 14 | 1349 | 1329 | 835 | 823 | 7.69, 7.43 | |
| 15 39 | 1360 | 1341 | 884 | 876 | 7.98, 7.91 | |
| 15 77 | 1328 | 1327 | 841 | 840 | 7.60, 7.59 | |
| 15 85 | 807 | — | 608 | — | | 660x |
| 16 01 | 1389 | — | 867 | — | | 681x |
| 16 50 | 1502 | 1519 | 911 | 921 | 8.20, 8.28 | |
| 16 92 | 1429 | — | 845 | — | | 791x |
| 17 23 | 1260 | 1271 | 733 | 740 | 6.56, 6.62 | |
| 16 38 | 1373 | — | 837 | — | | 647x |
| 16 50 | 1560 | 1572 | 946 | 954 | 8.45, 8.51 | |

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Jmc RH 1006 Oct. 11, 1929
M.R.D.

| trip | class | star | y | x | Dye | Dye | cl | dh | Volt |
|--------|-------|------|------|------|------|------|------|------|------|
| 16.0 | f | 12 | 1611 | 800 | 1700 | 1678 | 2000 | 212 | |
| | f | 13 | 1617 | 965 | 1667 | 1671 | 1992 | 210 | |
| 16.2 | f | 14 | 1621 | 327 | 1743 | 1739 | 1875 | 220 | |
| | f | 15 | 1630 | 529 | 1618 | 1600 | 1915 | 230 | |
| | f | 10 | 1620 | 718 | 1750 | — | 1960 | 220 | |
| | f | 16 | 1629 | 800 | 1770 | 1780 | 2009 | 225 | |
| | f | 11 | 1632 | 801 | 1580 | — | 1995 | 220 | |
| | f | 12 | 1628 | 958 | 1778 | — | 2050 | 245 | |
| | f | 13 | 1630 | 1112 | 1850 | — | 2000 | 250 | |
| 16.4 | f | 14 | 1650 | 517 | 1630 | — | 1889 | 230 | |
| | f | 15 | 1653 | 712 | 1740 | — | 1940 | 220 | |
| | f | 17 | 1639 | 808 | 1250 | 1224 | 1989 | 210 | |
| 16.6 | f | 18 | 1678 | 239 | 1660 | 1632 | 1860 | 210 | |
| 16.8 | f | 19 | 1683 | 552 | 1655 | 1648 | 1872 | 202 | |
| | f | 16 | 1680 | 560 | 1799 | — | 1900 | 200 | |
| | f | 17 | 1680 | 1059 | 1775 | — | 1960 | 200 | |
| 17.0 | f | 20 | 1700 | 501 | 1382 | 1361 | 1920 | 200 | |
| | f | 18 | 1702 | 617 | 1669 | — | 1950 | 200 | |
| | f | 19 | 1700 | 690 | 1771 | — | 1951 | 200 | |
| | f | 21 | 1705 | 755 | 1650 | 1640 | 1980 | 200 | |
| | f | 22 | 1703 | 850 | 1660 | 1740 | 1990 | 198 | |
| | f | 23 | 1702 | 1055 | 1593 | 1560 | 2000 | 200 | |
| M.R.D. | f | 20 | 1700 | 1090 | 1680 | — | 1998 | 200X | |
| 17.2 | f | 24 | 1732 | 478 | 1675 | 1673 | 1903 | 207 | |
| | f | 25 | 1720 | 1000 | 1800 | 1798 | 1992 | 210 | |
| 17.4 | f | 26 | 1736 | 311 | 1580 | 1600 | 1910 | 210 | |
| | f | 27 | 1750 | 369 | 1770 | 1790 | 1900 | 210 | |
| | f | 28 | 1750 | 378 | 1640 | 1677 | 1898 | 210 | |
| | f | 29 | 1740 | 686 | 1780 | 1760 | 1925 | 210 | |
| | f | 21 | 1747 | 1000 | 1725 | — | 1987 | 212 | |

| d. - Db. | Defl. Db | Defl. - Db | Reduced | Reduced | Magn | L. No. |
|----------|----------|-----------------|---------|----------------|------------|--------|
| 17 88 | 1488 | 1466 | 837 | 820 | 7.56, 7.41 | |
| 17 72 | 1451 | 1461 | 825 | 826 | 7.44, 7.46 | |
| 16 55 | 1523 | 1519 | 921 | 917 | 8.28, 8.25 | |
| 16 85 | 1388 | 1370 | 823 | 813 | 7.42, 7.35 | |
| 17 40 | 1530 | 1530 | 880 | 880 | | 764 x |
| 17 84 | 1546 | 1535 | 867 | 873 | 7.85, 7.90 | |
| 17 75 | 1360 | 1360 | 767 | 767 | | 805 v |
| 18 05 | 1533 | 1533 | 851 | 851 | | 880 x |
| 18 00 | 1600 | 1600 | 888 | 888 | | 3 a x |
| 16 59 | 1400 | 1400 | 844 | 844 | | 679 v |
| 17 20 | 1520 | 1520 | 883 | 883 | | |
| 17 79 | 1040 | 1014 | 586 | 572 | 5.18, 5.06 | |
| 16 50 | 1450 | 1422 | 879 | 863 | 7.93, 7.82 | |
| 16 70 | 1453 | 1446 | 870 | 867 | 7.87, 7.83 | |
| 17 00 | 1599 | 1599 | 940 | 940 | | 688 v |
| 17 40 | 1570 | 1570 | 904 | 904 | | |
| 17 20 | 1182 | 1161 | 687 | 676 | 6.11, 6.02 | |
| 17 30 | 1469 | 1469 | 848 | 848 | | 713 v |
| 17 51 | 1571 | 1571 | 897 | 897 | | 748 v |
| 17 80 | 1450 | 1440 | 815 | 808 | 7.38, 7.30 | |
| 17 92 | 1462 | 1542 | 817 | 860 | 7.38, 7.78 | |
| 18 00 | 1393 | 1360 | 774 | 760 | 6.97, 6.82 | |
| 17 98 | 1480 | 1480 | 823 | 823 | | 926 x |
| 16 96 | 1468 | 1466 | 865 | 863 | 7.83, 7.81 | |
| 17 72 | 1590 | 1588 | 897 | 897 | 8.07, 8.07 | |
| 17 00 | 1370 | 1390 | 811 | 817 | 6.83, 6.86 | |
| 16 90 | 1560 | 1580 | 923 | 935 | 8.30, 8.38 | |
| 16 88 | 1420 | 1467 | 848 | 870 | 7.67, 7.86 | |
| 17 15 | 1570 | 1550 | 914 | 903 | 8.23, 8.13 | |
| 17 75 | 1573 | 1573 | 852 | 852 | | |

96

MRD RH1006, Oct 11, 1929

| Step | Class | Star | y | z | Defl | Defl | Cl | Dk |
|------|-------|------|------|------|------|------|-------------------|-----|
| 17.6 | f | 30 | 1770 | 153 | 1740 | 1735 | 1815 | 215 |
| | f | 31 | 1775 | 327 | 1530 | 1527 | 1880 | 212 |
| | f | 22 | 1769 | 510 | 1560 | — | 1885 | 212 |
| | f | 23 | 1758 | 545 | 1740 | — | 1900 | 213 |
| | f | 32 | 1759 | 1079 | 1805 | 1802 | 1933 | 215 |
| | f | 33 | 1770 | 1170 | 1690 | 1700 | 1940 | 215 |
| 17.8 | f | 24 | 1792 | 360 | 1660 | — | 1855 | 210 |
| | f | 34 | 1784 | 399 | 1570 | 1570 | 1845 | 212 |
| | f | 25 | 1795 | 460 | 1440 | — | 1868 | 213 |
| | f | 35 | 1781 | 637 | 1430 | 1440 | 1880 | 215 |
| | f | 36 | 1790 | 960 | 1770 | 1771 | 1940 | 215 |
| | f | 37 | 1780 | 1020 | 1720 | 1750 | 1930 | 213 |
| | f | 38 | 1789 | 1070 | 1730 | 1720 | 1930 | 213 |
| | f | 18 | 2130 | 779 | 750 | — | 1650 ⁿ | 220 |
| | | 1 | 1801 | 938 | 1105 | — | 1870 | 220 |
| | | 2 | — | — | 1235 | — | 1920 | 220 |
| | | 3 | — | — | 1303 | — | 1890 | 222 |
| | | 4 | — | — | 1355 | — | 1915 | 222 |
| | | 5 | — | — | 1470 | — | 1900 | 224 |
| | | 6 | — | — | 1530 | — | 1850 | 220 |
| | | 7 | — | — | 1570 | — | 1840 | 220 |
| | | 8 | — | — | 1743 | — | 1900 | 222 |

| | | | | | | | | |
|--------------|----|------|-----|------|---|------|-----|-----|
| 21 GP- | 10 | 2130 | 779 | 739 | — | 1677 | 213 | 570 |
| RH1006 | 1 | 1801 | 938 | 1121 | — | 1863 | 220 | |
| Oct 11, 1929 | 2 | — | — | 1192 | — | 1886 | 219 | |
| | 3 | — | — | 1362 | — | 1879 | 229 | |
| | 4 | — | — | 1379 | — | 1912 | 238 | |
| | 5 | — | — | 1507 | — | 1903 | 243 | |
| | 6 | — | — | 1570 | — | 1863 | 231 | |
| | 7 | — | — | 1570 | — | 1860 | 230 | |
| | 8 | — | — | 1741 | — | 1891 | 231 | |

| Co.-Ab. | Ref.-Ab. | Ref.-Ab. | Reduced | Reduced | Magn. | L. Ko. |
|---------|----------|----------|---------|---------|------------|--------|
| 1600 | 1525 | 1520 | 955 | 950 | 8.52, 8.48 | |
| 1668 | 1318 | 1315 | 790 | 784 | 7.13, 7.08 | |
| 1673 | 1348 | — | 806 | — | | 642v |
| 1684 | 1527 | — | 905 | — | | 664x |
| 1718 | 1590 | 1587 | 927 | 925 | 8.32, 8.31 | |
| 1725 | 1475 | 1485 | 855 | 862 | 7.73, 7.81 | |
| 1645 | 1440 | — | 875 | — | | 583v |
| 1633 | 1358 | 1358 | 831 | 828 | 7.51, 7.47 | |
| 1655 | 1227 | — | 742 | — | | 606v |
| 1665 | 1215 | 1215 | 730 | 730 | 6.53, 6.52 | |
| 1725 | 1555 | 1556 | 902 | 903 | 8.11, 8.12 | |
| 1717 | 1507 | 1537 | 878 | 845 | 7.92, 8.06 | |
| 1717 | 1517 | 1507 | 884 | 878 | 7.99, 7.92 | |
| 1430 | 530 | — | 371 | — | | |
| 1650 | 885 | — | 537 | — | | |
| 1700 | 1015 | — | 597 | — | | |
| 1668 | 1081 | — | 651 | — | | |
| 1693 | 1133 | — | 670 | — | | |
| 1676 | 1246 | — | 743 | — | | |
| 1630 | 1310 | — | 803 | — | | |
| 1626 | 1350 | — | 833 | — | | |
| 1678 | 1521 | — | 907 | — | | |
| 1464 | 526 | — | 359 | — | | |
| 1643 | 901 | — | 549 | — | | |
| 1667 | 973 | — | 584 | — | | |
| 1650 | 1133 | — | 687 | — | | |
| 1674 | 1141 | — | 682 | — | | |
| 1660 | 1264 | — | 762 | — | | |
| 1632 | 1339 | — | 820 | — | | |
| 1630 | 1340 | — | 822 | — | | |
| 1660 | 1510 | — | 908 | — | | |

SHP- R.H. 1106 - Oct 11, 1929

| Step | Class | Star | y | z | Defl | Defl | Cl | Dr | Notes |
|------|-------|------|------|------|------|------|------|-----|-------|
| 18.0 | f | 39 | 1807 | 144 | 1740 | 1719 | 1842 | 221 | |
| | f | 40 | 1803 | 223 | 1687 | 1659 | 1833 | 221 | |
| | f | 41 | 1811 | 392 | 1580 | 1580 | 1838 | 223 | |
| | f | 42 | 1808 | 559 | 1771 | 1754 | 1862 | 221 | |
| | p | 26 | 1811 | 721 | 1719 | — | 1890 | 220 | |
| | p | 27 | 1801 | 886 | 1771 | — | 1932 | 223 | |
| | f | 43 | 1798 | 1031 | 1707 | 1687 | 1938 | 238 | |
| 18.2 | f | 44 | 1815 | 301 | 1622 | 1624 | 1870 | 225 | |
| | p | 28 | 1832 | 432 | 1573 | — | 1859 | 221 | |
| | f | 45 | 1820 | 508 | 1610 | 1573 | 1853 | 223 | |
| | p | 29 | 1832 | 531 | 1454 | — | 1852 | 228 | |
| | p | 46 | 1820 | 573 | 1784 | 1763 | 1879 | 230 | |
| | f | 47 | 1820 | 880 | 1858 | 1800 | 1917 | 224 | |
| | p | 30 | 1820 | 962 | 1810 | — | 1919 | 222 | |
| | p | 48 | 1829 | 1003 | 1623 | 1590 | 1920 | 227 | |
| | f | 49 | 1823 | 1063 | 1803 | 1779 | 1913 | 230 | |
| 18.4 | f | 50 | 1847 | 171 | 1573 | 1584 | 1833 | 230 | |
| | f | 51 | 1840 | 432 | 1792 | 1780 | 1853 | 229 | |
| | p | 31 | 1847 | 494 | 1763 | — | 1847 | 229 | |
| | f | 52 | 1840 | 603 | 1622 | 1620 | 1861 | 231 | |
| | f | 53 | 1840 | 609 | 1801 | 1803 | 1880 | 237 | |
| | p | 32 | 1847 | 979 | 1747 | — | 1919 | 233 | |
| 18.6 | p | 33 | 1871 | 129 | 1564 | — | 1851 | 223 | |
| | p | 34 | 1870 | 401 | 1689 | — | 1833 | 222 | |
| | p | 35 | 1870 | 414 | 1582 | — | 1850 | 221 | |
| | f | 54 | 1861 | 441 | 1640 | 1657 | 1848 | 223 | |
| | f | 55 | 1870 | 468 | 1722 | 1720 | 1830 | 219 | |
| | f | 56 | 1870 | 620 | 1672 | 1663 | 1838 | 220 | |
| | p | 36 | 1870 | 648 | 1751 | — | 1832 | 217 | |
| | f | 57 | 1869 | 843 | 1823 | 1832 | 1892 | 220 | |

| Q. No. | Defl. - Dk. | Defl. - Dk. | Reduced | Reduced | Magn. | L. No. |
|--------|-------------|-------------|---------|---------|----------------------|------------------|
| 16 21 | 1519 | 1498 | 935 | 922 | 8.53, 8.35 | |
| 16 12 | 1466 | 1438 | 911 | 893 | 8.21, 8.00 | |
| 16 15 | 1357 | 1357 | 839 | 839 | 7.39, 7.39 | |
| 16 41 | 1550 | 1533 | 948 | 932 | 8.63, 8.49 | |
| 16 70 | 1499 | — | 897 | — | | 765 ^v |
| 17 09 | 1548 | — | 905 | — | | 893 ^v |
| 17 00 | 1469 | 1449 | 864 | 853 | 7.66, 7.52 | |
| 16 65 | 1397 | 1399 | 833 | 840 | 7.32, 7.39 | |
| 16 38 | 1352 | — | 825 | — | | 587 ^v |
| 16 30 | 1387 | 1350 | 851 | 828 | 7.41, 7.27 | |
| 16 24 | 1226 | — | 743 | — | | 625 ^v |
| 16 49 | 1454 | 1533 | 883 | 931 | 7.87, 8.46 | |
| 16 93 | 1634 | 1576 | 963 | 927 | 8.91, 8.41 | |
| 16 97 | 1588 | — | 935 | — | | |
| 16 93 | 1396 | 1363 | 823 | 805 | 7.22, 7.04 | |
| 16 83 | 1573 | 1549 | 935 | 921 | 8.46, 8.35 | |
| 16 03 | 1343 | 1354 | 837 | 843 | 7.37, 7.43 | |
| 15 24 | 1563 | 1551 | 1027 | 1018 | off curve, off curve | |
| 16 18 | 1534 | — | 949 | — | | |
| 16 90 | 1391 | 1389 | 857 | 849 | 7.57, 7.48 | |
| 16 43 | 1564 | 1566 | 953 | 955 | 8.76, 8.77 | |
| 16 86 | 1514 | — | 908 | — | | 948 ^v |
| 16 28 | 1341 | — | 825 | — | | |
| 16 11 | 1467 | — | 912 | — | | 570 |
| 16 29 | 1361 | — | 837 | — | | 570 ^v |
| 16 25 | 1417 | 1434 | 823 | 823 | 7.22, 7.87 | |
| 16 11 | 1503 | 1501 | 932 | 931 | 8.50, 8.49 | |
| 16 18 | 1452 | 1443 | 898 | 892 | 8.02, 8.00 | |
| 16 15 | 1534 | — | 950 | — | | 684 ^v |
| 16 72 | 1603 | 1612 | 958 | 964 | 8.83, 8.96 | |

100

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| Star | Class | Star | γ | δ | Decl | Syl | α | δ | Notes |
|---------------|-------|------|----------|----------|------|------|----------|----------|-------|
| 18.8 | p | 58 | 1844 | 853 | 1530 | 1510 | 1906 | 220 | |
| | p | 37 | 1858 | 886 | 1780 | — | 1902 | 219 | |
| | p | 38 | 1861 | 1200 | 1769 | — | 1941 | 213 | |
| | p | 39 | 1867 | 1207 | 1880 | — | 1941 | 213 | |
| | p | 40 | 1891 | 279 | 1652 | — | 1848 | 220 | |
| | p | 41 | 1882 | 317 | 1801 | — | 1848 | 213 | |
| | p | 59 | 1880 | 372 | 1727 | 1730 | 1840 | 213 | |
| | p | 42 | 1890 | 377 | 1698 | — | 1830 | 212 | |
| | p | 43 | 1882 | 555 | 1652 | — | 1840 | 212 | |
| | p | 44 | 1890 | 639 | 1750 | — | 1840 | 212 | |
| | p | 60 | 1888 | 667 | 1736 | 1711 | 1863 | 219 | |
| | p | 61 | 1884 | 737 | 1449 | 1437 | 1878 | 215 | |
| | p | 62 | 1890 | 930 | 1637 | 1620 | 1890 | 212 | |
| | p | 63 | 1888 | 987 | 1601 | 1601 | 1898 | 210 | |
| | p | 64 | 1890 | 1111 | 1764 | 1743 | 1877 | 210 | |
| | p | 65 | 1880 | 1182 | 1683 | 1681 | 1893 | 210 | |
| | p | 66 | 1897 | 1213 | 1777 | 1780 | 1897 | 211 | |
| | p | 1A | 2130 | 779 | 782 | — | 1770 | 209 | |
| | p | 1 | 1801 | 938 | 1091 | — | 1842 | 208 | |
| | p | 2 | — | — | 1260 | — | 1927 | 209 | |
| | p | 3 | — | — | 1370 | — | 1909 | 210 | |
| | p | 4 | — | — | 1410 | — | 1879 | 209 | |
| | p | 5 | — | — | 1500 | — | 1899 | 210 | |
| | p | 6 | — | — | 1580 | — | 1868 | 209 | |
| | p | 7 | — | — | 1583 | — | 1857 | 203 | |
| | p | 8 | — | — | 1753 | — | 1883 | 203 | 515 |
| 3mc | | 15 | 2130 | 810 | 570 | — | 1790 | 181 | |
| RH 1006 | | 1 | 1801 | 970 | 965 | — | 1820 | 181 | |
| Oct. 14, 1929 | | 2 | — | — | 1000 | — | 1860 | 190 | |
| | | 3 | — | — | 1150 | — | 1859 | 188 | |

| cl. dk. | Deft. dk. | Deft. dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|--------|
| 16 86 | 1310 | 1290 | 777 | 766 | 6.78, 6.65 | |
| 16 83 | 1561 | — | 929 | — | | |
| 17 28 | 1556 | — | 902 | — | | |
| 17 28 | 1667 | — | 964 | — | | |
| 16 28 | 1432 | — | 880 | — | | 541v |
| 16 35 | 1548 | — | 972 | — | | |
| 16 27 | 1514 | 1517 | 933 | 934 | 8.50, 8.51 | |
| 16 18 | 1486 | — | 918 | — | | |
| 16 28 | 1440 | — | 886 | — | | 601v |
| 16 28 | 1538 | — | 944 | — | | 3x |
| 16 44 | 1517 | 1492 | 922 | 906 | 8.35, 8.17 | |
| 16 63 | 1234 | 1222 | 772 | 735 | 6.43, 6.37 | |
| 16 78 | 1425 | 1408 | 848 | 838 | 7.47, 7.37 | |
| 16 88 | 1391 | 1391 | 825 | 824 | 7.23, 7.23 | |
| 16 67 | 1554 | 1533 | 933 | 922 | 8.50, 8.33 | |
| 16 83 | 1473 | 1471 | 876 | 875 | 7.79, 7.77 | |
| 16 86 | 1566 | 1569 | 929 | 932 | 8.44, 8.47 | |
| 15 61 | 573 | — | 367 | — | | |
| 16 34 | 883 | — | 541 | — | | |
| 17 18 | 1051 | — | 613 | — | | |
| 16 89 | 1160 | — | 687 | — | | |
| 16 70 | 1201 | — | 720 | — | | |
| 16 89 | 1290 | — | 764 | — | | |
| 16 59 | 1371 | — | 827 | — | | |
| 16 54 | 1380 | — | 834 | — | | |
| 16 80 | 1550 | — | 923 | — | | |
| 16 09 | 389 | — | 242 | — | | |
| 16 39 | 784 | — | 477 | — | | |
| 16 70 | 810 | — | 485 | — | | |
| 16 71 | 962 | — | 575 | — | | |

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| trip | class | star | y | x | D _{eff} | D _{ge} | cl | dk | Uch |
|------|-------|------|------|------|------------------|-----------------|------|-----|-----|
| | | 4 | — | — | 1220 | — | 1887 | 189 | |
| | | 5 | — | — | 1370 | — | 1869 | 190 | |
| | | 6 | — | — | 1469 | — | 1845 | 190 | |
| | | 7 | — | — | 1501 | — | 1838 | 192 | |
| | | 8 | — | — | 1711 | — | 1877 | 195 | |
| 19.0 | f | 45 | 1901 | 296 | 1100 | — | 1829 | 198 | |
| | f | 67 | 1913 | 481 | 1749 | 1730 | 1830 | 200 | |
| | f | 46 | 1910 | 862 | 1701 | — | 1865 | 200 | |
| | f | 47 | 1901 | 1260 | 1420 | — | 1910 | 200 | |
| 19.2 | f | 68 | 1918 | 628 | 1580 | 1573 | 1810 | 203 | |
| | f | 69 | 1918 | 638 | 1433 | 1423 | 1828 | 203 | |
| | f | 48 | 1918 | 649 | 1310 | — | 1830 | 201 | |
| | f | 70 | 1930 | 830 | 1395 | 1398 | 1820 | 201 | |
| | f | 49 | 1930 | 945 | 1700 | — | 1837 | 200 | |
| | f | 71 | 1920 | 999 | 1617 | 1600 | 1850 | 209 | |
| | f | 72 | 1938 | 1000 | 1715 | 1730 | 1859 | 201 | |
| | f | 50 | 1930 | 1225 | 1573 | — | 1890 | 201 | |
| | f | 51 | 1921 | 1279 | 1520 | — | 1907 | 202 | |
| 19.4 | f | 73 | 1940 | 158 | 1431 | 1430 | 1815 | 202 | |
| | f | 52 | 1952 | 209 | 1670 | — | 1798 | 200 | |
| | f | 53 | 1940 | 251 | 1535 | — | 1808 | 203 | |
| | f | 74 | 1940 | 276 | 1730 | 1743 | 1804 | 209 | |
| | f | 75 | 1941 | 369 | 1700 | 1700 | 1830 | 205 | |
| | f | 54 | 1941 | 459 | 1650 | — | 1820 | 208 | |
| 19.6 | f | 76 | 1975 | 200 | 1740 | 1730 | 1810 | 210 | |
| | f | 55 | 1961 | 429 | 1690 | — | 1810 | 210 | |
| | f | 77 | 1977 | 717 | 1688 | 1690 | 1770 | 210 | |
| | f | 78 | 1960 | 940 | 1770 | 1775 | 1880 | 210 | |
| | f | 79 | 1960 | 1075 | 1659 | 1652 | 1879 | 210 | |
| | f | 80 | 1970 | 1150 | 1695 | 1725 | 1880 | 210 | |

| Q-Dr | Ref-Dr | Def-Dr | Reduced | Reduced | Magn. | L.No. |
|------|--------|--------|---------|---------|-----------------|-------------------|
| 1698 | 1031 | — | 687 | — | | |
| 1679 | 1181 | — | 703 | — | | |
| 1665 | 1279 | — | 772 | — | | |
| 1646 | 1309 | — | 795 | — | | |
| 1682 | 1516 | — | 903 | — | | |
| 1631 | 902 | — | 554 | — | | 536 ^x |
| 1630 | 1549 | 1530 | 951 | 939 | 8.75, 8.63 | |
| 1665 | 1501 | — | 903 | — | | 2035 ^x |
| 1710 | 1220 | — | 713 | — | | 1030 ^x |
| 1607 | 1377 | 1370 | 856 | 852 | 7.92, 7.89 | |
| 1625 | 1230 | 1220 | 757 | 752 | 7.07, 7.03 | |
| 1629 | 1109 | — | 681 | — | | 627 ^v |
| 1619 | 1194 | 1197 | 737 | 740 | 6.90, 6.93 | |
| 1687 | 1500 | — | 917 | — | | 977 ^x |
| 1641 | 1408 | 1391 | 856 | 848 | 7.92, 7.84 | |
| 1658 | 1674 | 1529 | 913 | 923 | 8.43, 8.50 | |
| 1689 | 1372 | — | 814 | — | | 1044 ^x |
| 1705 | 1318 | — | 772 | — | | 1043 ^x |
| 1613 | 1229 | 1218 | 762 | 755 | 7.13, 7.05 | |
| 1598 | 1470 | — | 918 | — | | 519 ^x |
| 1605 | 1332 | — | 830 | — | | 523 ^x |
| 1596 | 1521 | 1534 | 953 | 962 | 8.77, off curve | |
| 1625 | 1495 | 1495 | 918 | 918 | 8.46, 8.46 | |
| 1612 | 1442 | — | 894 | — | | |
| 1600 | 1530 | 1520 | 906 | 948 | 8.80, 8.72 | |
| 1600 | 1480 | — | 924 | — | | |
| 1560 | 1478 | 1480 | 947 | 949 | 8.70, 8.71 | |
| 1670 | 1560 | 1565 | 934 | 928 | 8.60, 8.52 | |
| 1669 | 1449 | 1442 | 866 | 863 | 8.01, 7.99 | |
| 1670 | 1485 | 1515 | 888 | 907 | 8.20, 8.36 | |

104

time
M&D

R# 1006

Oct. 14, 1929

| Star | Y | X | Dye | Dye | cl | Sh | Vol |
|------|------|------|------|------|------|-----|-----|
| 56 | 1980 | 190 | 1580 | — | 1772 | 210 | |
| 57 | 1980 | 290 | 1677 | — | 1789 | 210 | |
| 58 | 1988 | 299 | 1689 | — | 1810 | 210 | |
| 59 | 1991 | 490 | 1690 | — | 1783 | 210 | |
| 60 | 1990 | 841 | 1609 | — | 1830 | 210 | |
| 61 | 1989 | 1288 | 1750 | — | 1875 | 210 | |
| 62 | 2010 | 150 | 1377 | — | 1762 | 205 | |
| 63 | 2003 | 235 | 1689 | — | 1798 | 202 | |
| 81 | 2009 | 305 | 1640 | 1630 | 1790 | 201 | |
| 82 | 2010 | 688 | 1725 | 1731 | 1791 | 205 | |
| 83 | 2010 | 780 | 1660 | 1658 | 1820 | 202 | |
| 84 | 2030 | 143 | 1581 | 1570 | 1751 | 205 | |
| 85 | 2038 | 162 | 1615 | 1600 | 1773 | 200 | |
| 86 | 2032 | 190 | 1594 | 1615 | 1760 | 210 | |
| 87 | 2031 | 407 | 1691 | 1689 | 1778 | 202 | |
| 64 | 2022 | 511 | 1612 | — | 1762 | 200 | |
| 88 | 2030 | 650 | 1689 | 1690 | 1775 | 201 | |
| 89 | 2031 | 709 | 1700 | 1727 | 1790 | 210 | |
| 90 | 2032 | 729 | 1661 | 1670 | 1801 | 201 | |
| 91 | 2021 | 731 | 1690 | 1692 | 1740 | 200 | |
| 92 | 2020 | 992 | 1715 | 1701 | 1825 | 201 | |
| 93 | 2020 | 1020 | 1715 | 1701 | 1818 | 200 | |
| 94 | 2021 | 1150 | 1720 | 1723 | 1860 | 200 | |
| 65 | 2020 | 1172 | 1740 | — | 1870 | 200 | |
| 95 | 2037 | 165 | 1625 | 1630 | 1810 | 200 | |
| 96 | 2040 | 792 | 1275 | 1275 | 1885 | 200 | |
| 97 | 2039 | 842 | 1310 | 1050 | 1890 | 200 | |
| 98 | 2042 | 983 | 1610 | 1600 | 1900 | 200 | |
| 99 | 2040 | 1042 | 1170 | 1160 | 1880 | 199 | |
| 66 | 2040 | 1070 | 1510 | — | 1870 | 201 | |

| cl. dk. | Defl. dk. | Defl. dk. | Reduced | Reduced | Magn. | 2. lit |
|---------|-----------|-----------|---------|---------|----------------------|--------|
| 1562 | 1370 | — | 877 | — | — | 509 x |
| 1579 | 1467 | — | 928 | — | — | 515 x |
| 1600 | 1479 | — | 926 | — | — | 513 x |
| 1573 | 1480 | — | 935 | — | — | 578 x |
| 1620 | 1399 | — | 863 | — | — | 22 x |
| 1665 | 1540 | — | 924 | — | — | — |
| 1557 | 1172 | — | 754 | — | — | 498 x |
| 1596 | 1487 | — | 933 | — | — | — |
| 1589 | 1439 | 1429 | 905 | 899 | 8.33, 8.28 | — |
| 1586 | 1620 | 1526 | 958 | 962 | 8.79, off curve | — |
| 1618 | 1458 | 1456 | 902 | 900 | 8.32, 8.31 | — |
| 1546 | 1376 | 1265 | 890 | 886 | 8.21, 8.18 | — |
| 1573 | 1415 | 1400 | 901 | 891 | 8.32, 8.24 | — |
| 1550 | 1384 | 1405 | 892 | 906 | 8.23, 8.35 | — |
| 1576 | 1489 | 1487 | 945 | 943 | 8.69, 8.68 | — |
| 1562 | 1412 | — | 904 | — | — | 496 x |
| 1574 | 1488 | 1489 | 945 | 946 | 8.70, 8.70 | — |
| 1580 | 1490 | 1517 | 943 | 961 | 8.67, off curve | — |
| 1600 | 1460 | 1469 | 913 | 919 | 8.43, 8.46 | — |
| 1590 | 1490 | 1492 | 965 | 970 | off curve, off curve | — |
| 1624 | 1574 | 1500 | 933 | 923 | 8.60, 8.50 | — |
| 1618 | 1515 | 1501 | 926 | 927 | 8.53, 8.53 | — |
| 1660 | 1520 | 1523 | 917 | 919 | 8.45, 8.46 | — |
| 1670 | 1540 | — | 923 | — | — | — |
| 1610 | 1425 | 1430 | 884 | 888 | 8.17, 8.19 | — |
| 1685 | 1075 | 1075 | 643 | 647 | 6.18, 6.20 | — |
| 1690 | 1110 | 850 | 668 | 503 | 6.30, 5.13 | — |
| 1700 | 1410 | 1400 | 830 | 824 | 7.70, 7.64 | — |
| 1681 | 971 | 961 | 578 | 572 | 5.69, 5.65 | — |
| 1669 | 1309 | — | 985 | — | — | 1109 v |

106

M.R.D.

RH1006

Oct 14, 1929

| Strip | Class | Star | μ | π | Defl | Defl | Cl | Dk |
|-------|-------|------|-------|-------|------|------|------|-----|
| | p | 67 | 2051 | 1329 | 1650 | — | 1920 | 200 |
| 20.6 | p | 68 | 2070 | 263 | 1350 | — | 1850 | 200 |
| | f | 100 | 2069 | 578 | 1510 | 1505 | 1850 | 202 |
| | f | 101 | 2075 | 1150 | 1610 | 1610 | 1905 | 202 |
| | f | 102 | 2070 | 1250 | 1455 | 1450 | 1925 | 200 |
| 20.8 | f | 103 | 2079 | 462 | 1400 | 1400 | 1810 | 200 |
| | f | 104 | 2080 | 710 | 1650 | 1630 | 1870 | 201 |
| | f | 105 | 2079 | 815 | 1735 | 1735 | 1903 | 202 |
| | f | 106 | 2076 | 1320 | 1760 | 1733 | 1965 | 203 |
| 21.0 | p | 69 | 2115 | 340 | 1495 | — | 1830 | 200 |
| | f | 107 | 2111 | 364 | 1695 | 1705 | 1830 | 200 |
| | f | 108 | 2115 | 665 | 1680 | 1694 | 1835 | 201 |
| | f | 109 | 2111 | 690 | 1740 | 1733 | 1860 | 201 |
| | f | 110 | 2110 | 700 | 1705 | 1700 | 1855 | 200 |
| | p | 70 | 2100 | 972 | 1542 | — | 1901 | 200 |
| | f | 111 | 2109 | 1039 | 1702 | 1702 | 1905 | 200 |
| | f | 112 | 2100 | 1211 | 1718 | 1710 | 1918 | 202 |
| | f | 113 | 2110 | 1260 | 1575 | 1570 | 1942 | 203 |
| | | 18 | 2130 | 810 | 660 | — | 1759 | 210 |
| | | 1 | 1801 | 970 | 980 | — | 1860 | 208 |
| | | 2 | — | — | 1040 | — | 1904 | 208 |
| | | 3 | — | — | 1200 | — | 1869 | 207 |
| | | 4 | — | — | 1270 | — | 1895 | 206 |
| | | 5 | — | — | 1350 | — | 1870 | 204 |
| | | 6 | — | — | 1470 | — | 1850 | 202 |
| | | 7 | — | — | 1485 | — | 1838 | 207 |
| | | 8 | — | — | 1700 | — | 1870 | 208 |

Con. in Bk 71 p 28

| Cl. - Ob. | Defl. - Ob. | Defl. - Ob. | Reduced | Reduced | Magn. | 2. Ka. |
|-----------|-------------|-------------|---------|---------|------------|--------|
| 1720 | 1450 | — | 843 | — | | 1110 x |
| 1650 | 1150 | — | 697 | — | | 474 x |
| 1648 | 1308 | 1303 | 793 | 790 | 6.87, 6.85 | |
| 1703 | 1408 | 1408 | 826 | 826 | 7.65, 7.65 | |
| 1725 | 1255 | 1250 | 728 | 725 | 6.84, 6.82 | |
| 1610 | 1200 | 1200 | 746 | 746 | 6.97, 6.97 | |
| 1669 | 1449 | 1429 | 868 | 856 | 8.02, 7.92 | |
| 1701 | 1533 | 1532 | 902 | 901 | 8.32, 8.32 | |
| 1762 | 1557 | 1530 | 884 | 868 | 8.17, 8.01 | |
| 1630 | 1295 | — | 793 | — | | 457 x |
| 1630 | 1495 | 1505 | 918 | 924 | 8.46, 8.50 | |
| 1634 | 1479 | 1493 | 905 | 913 | 8.36, 8.41 | |
| 1659 | 1539 | 1532 | 927 | 924 | 8.52, 8.50 | |
| 1655 | 1500 | 1500 | 914 | 907 | 8.42, 8.39 | |
| 1701 | 1342 | — | 789 | — | | 1171 v |
| 1705 | 1502 | 1502 | 882 | 882 | 8.14, 8.14 | |
| 1716 | 1516 | 1508 | 883 | 880 | 8.17, 8.14 | |
| 1739 | 1372 | 1367 | 790 | 787 | 7.35, 7.33 | |
| 1549 | 450 | — | 291 | — | | |
| 1652 | 772 | — | 468 | — | | |
| 1696 | 832 | — | 491 | — | | |
| 1662 | 993 | — | 577 | — | | |
| 1689 | 1064 | — | 631 | — | | |
| 1666 | 1146 | — | 687 | — | | |
| 1648 | 1268 | — | 769 | — | | |
| 1621 | 1278 | — | 783 | — | | |
| 1662 | 1472 | — | 897 | — | | |

~~Ph 71 P + 8 ✓~~

Sigs. RH 1560 - Oct 17, 1929

| Ship | Class | Star | y | To | Diff | Diff | Cl | Dk | Watts |
|------|-------|------|------|------|------|----------------|------|-----|-------|
| 17.4 | p | | 1751 | 823 | 890 | 940 | 1310 | 221 | |
| | p | | 1748 | 851 | 1223 | 1220 | 1330 | 223 | |
| | p | | 1743 | 1067 | 1171 | — | 1149 | 220 | |
| | p | | 1748 | 1199 | 1260 | — | 1337 | 227 | |
| | p | | 1750 | 1199 | 1207 | — | 1363 | 222 | |
| | p | | 1747 | 1272 | 1190 | 1181 | 1337 | 223 | |
| | p | | 1742 | 1288 | 1053 | 1040 | 1342 | 220 | |
| | p | | 1749 | 1301 | 669 | — | 1350 | 221 | |
| 17.6 | p | | 1770 | 518 | 1233 | 1220 | 1370 | 222 | |
| | p | | 1757 | 687 | 1161 | 1170 | 1350 | 213 | |
| | p | | 1759 | 762 | 500 | 487 | 1328 | 210 | |

| | | | | | | | |
|----|------|----------------|------|---|------|-----|-----|
| 10 | 1910 | 935 | 241 | — | 1230 | 180 | 520 |
| 1 | 1935 | 572 | 490 | — | 1300 | 182 | |
| 2 | — | — | 528 | — | 1222 | 190 | |
| 3 | — | — | 600 | — | 1281 | 187 | |
| 4 | — | — | 759 | — | 1302 | 187 | |
| 5 | — | — | 750 | — | 1302 | 187 | |
| 6 | — | — | 899 | — | 1303 | 189 | |
| 7 | — | — | 953 | — | 1310 | 187 | |
| 8 | — | — | 1150 | — | 1303 | 189 | |

| | | | | | | | | | |
|------|---|----|------|------|------|------|------|-----|--|
| 17.4 | p | 38 | 1751 | 823 | 827 | 852 | 1263 | 180 | |
| | p | 39 | 1748 | 851 | 1171 | 1170 | 1289 | 190 | |
| | p | 27 | 1743 | 1167 | 1128 | — | 1290 | 182 | |
| | p | 28 | 1748 | 1199 | 1200 | — | 1314 | 190 | |
| | p | 29 | 1750 | 1199 | 1173 | — | 1313 | 189 | |
| | p | 40 | 1747 | 1272 | 1117 | 1116 | 1299 | 183 | |
| | p | 41 | 1742 | 1288 | 1019 | 1023 | 1299 | 187 | |
| | p | 30 | 1749 | 1300 | 609 | — | 1303 | 180 | |
| 17.6 | p | 42 | 1770 | 578 | 1181 | 1179 | 1318 | 181 | |

1910 930
1935 569

109

cl-sk. Defl-sk. Defl-sk. Reduced Reduced Magn. L. No.

Omit

| | | | | | |
|------|------|-----|-----|-----|------------|
| 1050 | 91 | — | 87 | — | |
| 1118 | 308 | — | 275 | — | |
| 1032 | 338 | — | 328 | — | |
| 1094 | 413 | — | 377 | — | |
| 1115 | 572 | — | 572 | — | |
| 1115 | 563 | — | 505 | — | |
| 1114 | 710 | — | 637 | — | |
| 1123 | 766 | — | 683 | — | |
| 1114 | 961 | — | 863 | — | |
| 1083 | 637 | 672 | 590 | 620 | 6.74, 6.90 |
| 1099 | 981 | 980 | 893 | 892 | 8.47, 8.47 |
| 1108 | 946 | — | 855 | — | 8.23 |
| 1124 | 1010 | — | 898 | — | 8.50 |
| 1124 | 984 | — | 875 | — | 8.24 |
| 1116 | 934 | 933 | 837 | 838 | 8.09, 8.10 |
| 1112 | 822 | 836 | 737 | 752 | 7.52, 7.60 |
| 1123 | 429 | — | 383 | — | 5.61 |
| 1137 | 1000 | 998 | 878 | 876 | 8.38, 8.36 |

183x

110

2 Apr

PH 15 60

Oct 19 1929

| Ship | Class | Star | α | δ | Sept | Sept | Oct | Alt | Notes |
|------|-------|------|----------|----------|------|------|------|-----|-------|
| | | 43 | 1757 | 687 | 1138 | 1128 | 1314 | 187 | |
| | | 44 | 1759 | 462 | 458 | 490 | 1273 | 181 | |
| | | 31 | 1770 | 792 | 1163 | — | 1282 | 178 | |
| | | 45 | 1760 | 829 | 1192 | 1165 | 1278 | 188 | |
| | | 46 | 1754 | 1038 | 1130 | 1112 | 1300 | 180 | |
| | | 47 | 1771 | 1148 | 1087 | 1090 | 1321 | 180 | |
| 17.8 | | 48 | 1777 | 490 | 1189 | 1191 | 1331 | 180 | |
| | | 49 | 1787 | 498 | 1240 | 1237 | 1319 | 178 | |
| | | 50 | 1788 | 547 | 1240 | 1222 | 1310 | 190 | |
| | | 51 | 1788 | 723 | 901 | 940 | 1323 | 183 | |
| | | 52 | 1780 | 728 | 881 | 929 | 1301 | 179 | |
| | | 32 | 1788 | 823 | 1011 | — | 1289 | 178 | |
| | | 53 | 1780 | 844 | 1201 | 1218 | 1290 | 180 | |
| | | 54 | 1773 | 1157 | 1201 | 1201 | 1305 | 180 | |
| | | 55 | 1779 | 1371 | 1153 | 1118 | 1307 | 180 | |
| 18.0 | | 56 | 1810 | 1107 | 812 | 819 | 1317 | 178 | |
| | | 33 | 1804 | 1109 | 1107 | — | 1301 | 174 | |
| | | 57 | 1805 | 1196 | 1170 | 1170 | 1319 | 180 | |
| | | 58 | 1813 | 1253 | 832 | 860 | 1301 | 170 | |
| | | 14 | 1918 | 935 | 293 | — | 1230 | 172 | |
| | | 1 | 1935 | 512 | 519 | — | 1300 | 170 | |
| | | 2 | — | — | 537 | — | 1240 | 168 | |
| | | 3 | — | — | 640 | — | 1282 | 170 | |
| | | 4 | — | — | 770 | — | 1310 | 177 | |
| | | 5 | — | — | 801 | — | 1314 | 170 | |
| | | 6 | — | — | 932 | — | 1303 | 179 | |
| | | 7 | — | — | 950 | — | 1317 | 171 | |
| | | 8 | — | — | 1161 | — | 1306 | 171 | 570 |

| α -Dk | Defl.-Dk | Defl.-Dk | Reduced | Reduced | Mag. | L.No |
|--------------|----------|----------|----------------------|---------|-----------------|--------|
| 1127 | 951 | 941 | 843 | 834 | 8.13, 8.07 | |
| 1092 | 277 | 309 | 255 | 283 | off curve | |
| 1104 | 985 | — | 892 | — | 8.46 | |
| 1090 | 1004 | 977 | 923 | 898 | 8.69, 8.48 | |
| 1120 | 950 | 932 | 848 | 833 | 8.18, 8.07 | |
| 1141 | 907 | 910 | 795 | 798 | 7.85, 7.86 | |
| 1151 | 1009 | 1011 | 872 | 875 | 8.32, 8.35 | |
| 1141 | 1062 | 1059 | 930 | 927 | 8.72, 8.70 | |
| 1120 | 1050 | 1032 | 938 | 922 | off curve, 8.68 | |
| 1140 | 718 | 757 | 630 | 665 | 6.95, 7.14 | |
| 1122 | 702 | 750 | 626 | 669 | 6.94, 7.16 | |
| 1111 | 833 | — | 750 | — | 7.58 | 1171 ✓ |
| 1110 | 1021 | 1038 | 920 | 935 | 8.68, off curve | |
| 1125 | 1021 | 1021 | 907 | 907 | 8.57, 8.57 | |
| 1127 | 973 | 938 | 864 | 832 | 8.28, 8.06 | |
| 1139 | 634 | 641 | 557 | 564 | 6.57, 6.60 | |
| 1137 | 933 | — | 820 | — | 8.00 | h ✓ |
| 1139 | 990 | 990 | 870 | 870 | 8.30, 8.30 | |
| 1131 | 762 | 690 | 674 | 611 | 7.19, 6.86 | |
| 1058 | 101 | — | ¹⁰ 111 | — | | |
| 1130 | 349 | — | 309 | — | | |
| 1072 | 369 | — | 346 | — | | |
| 1112 | 470 | — | 423 | — | | |
| 1133 | 593 | — | 623 | — | | |
| 1144 | 631 | — | 562 | — | | |
| 1124 | 753 | — | 669 | — | | |
| 1146 | 779 | — | 181 | — | | |
| 1135 | 990 | — | 872 | — | | |

112

MRD

RH 1560

Oct 18, 1929

| Strip Class | | Star | γ | π | Defl | Defl | Cl | Sk |
|--------------|--|------|----------|-------|------|------|------|-----|
| very windy!! | | 18 | 1910 | 930 | 220 | — | 1080 | 112 |
| | | 1 | 1935 | 568 | 460 | — | 1200 | 110 |
| | | 2 | — | — | 485 | — | 1135 | 110 |
| | | 3 | — | — | 615 | — | 1190 | 114 |
| | | 4 | — | — | 710 | — | 1205 | 115 |
| | | 5 | — | — | 703 | — | 1200 | 115 |
| | | 6 | — | — | 870 | — | 1203 | 114 |
| | | 7 | — | — | 880 | — | 1210 | 115 |
| 18.2 | | 8 | — | — | 1075 | — | 1210 | 120 |
| | | 59 | 1830 | 400 | 920 | 960 | 1210 | 120 |
| | | 60 | 1818 | 483 | 958 | 960 | 1220 | 121 |
| | | 61 | 1820 | 659 | 945 | 940 | 1207 | 120 |
| | | 62 | 1829 | 1210 | 1068 | 1055 | 1208 | 120 |
| | | 63 | 1830 | 1230 | 1085 | 1080 | 1210 | 121 |
| | | 64 | 1832 | 1278 | 1020 | 1000 | 1230 | 123 |
| | | 34 | 1832 | 1434 | 350 | — | 1220 | 120 |
| 18.4 | | 35 | 1850 | 400 | 970 | — | 1220 | 120 |
| | | 65 | 1850 | 493 | 1020 | 1020 | 1235 | 124 |
| | | 66 | 1852 | 1085 | 965 | 970 | 1170 | 122 |
| | | 18 | 1910 | 930 | 220 | — | 1120 | 120 |
| | | 1 | 1935 | 568 | 495 | — | 1210 | 120 |
| | | 2 | — | — | 500 | — | 1150 | 119 |
| | | 3 | — | — | 585 | — | 1190 | 120 |
| | | 4 | — | — | 698 | — | 1215 | 123 |
| | | 5 | — | — | 710 | — | 1215 | 123 |
| | | 6 | — | — | 850 | — | 1215 | 123 |
| | | 7 | — | — | 900 | — | 1220 | 121 |
| | | 8 | — | — | 1072 | — | 1210 | 120 |

| cl. Jk. | Defl. - Jk. | Defl. - Jk. | Reduced | Reduced | Magn. | L. No. |
|---------|-------------|-------------|---------|---------|------------|--------|
| 968 | 108 | — | 112 | — | | |
| 1090 | 350 | — | 321 | — | | |
| 1025 | 375 | — | 367 | — | | |
| 1076 | 501 | — | 465 | — | | |
| 1090 | 595 | — | 547 | — | | |
| 1088 | 588 | — | 542 | — | | |
| 1089 | 758 | — | 695 | — | | |
| 1095 | 765 | — | 698 | — | | |
| 1090 | 905 | — | 877 | — | | |
| 1090 | 800 | 840 | 735 | 772 | 7.52, 7.73 | |
| 1099 | 837 | 831 | 762 | 763 | 7.66, 7.66 | |
| 1089 | 825 | 820 | 759 | 755 | 7.65, 7.64 | |
| 1088 | 948 | 935 | 892 | 860 | 8.32, 8.24 | |
| 1089 | 964 | 959 | 886 | 882 | 8.39, 8.37 | |
| 1107 | 897 | 877 | 811 | 793 | 7.97, 7.84 | |
| 1100 | 230 | — | 209 | — | 3.70 | 299 x |
| 1100 | 851 | — | 773 | — | 1.73 | 926 x |
| 1111 | 896 | 896 | 807 | 807 | 7.95, 7.95 | |
| 1048 | 843 | 848 | 805 | 808 | 7.94, 7.95 | |
| 1060 | 100 | — | 100 | — | | |
| 1090 | 375 | — | 345 | — | | |
| 1031 | 381 | — | 370 | — | | |
| 1070 | 465 | — | 434 | — | | |
| 1092 | 575 | — | 527 | — | | |
| 1092 | 587 | — | 538 | — | | |
| 1092 | 727 | — | 665 | — | | |
| 1099 | 819 | — | 800 | — | | |
| 1090 | 952 | — | 873 | — | | |

114

JMC R H 1560 Oct. 18, 1929

| | trip | class | sta | y | x | Dye | Dye | cl | Dh | Vol |
|------|------|-------|-----|------|------|------|------|------|-----|-----|
| | | | 13 | 1910 | 930 | 232 | — | 1165 | 120 | |
| | | | 1 | 1935 | 568 | 472 | — | 1200 | 120 | |
| | | | 2 | — | — | 500 | — | 1120 | 120 | |
| | | | 3 | — | — | 552 | — | 1173 | 110 | |
| | | | 4 | — | — | 680 | — | 1200 | 111 | |
| | | | 5 | — | — | 704 | — | 1193 | 112 | |
| | | | 6 | — | — | 852 | — | 1198 | 120 | |
| | | | 7 | — | — | 960 | — | 1205 | 120 | |
| | | | 8 | — | — | 1080 | — | 1190 | 120 | |
| 18.6 | p | | 36 | 1870 | 925 | 1062 | — | 1210 | 120 | |
| | p | | 37 | 1862 | 983 | 1068 | — | 1198 | 119 | |
| | p | | 38 | 1863 | 1173 | 550 | — | 1118 | 112 | |
| | p | | 39 | 1860 | 1378 | 1100 | — | 1219 | 118 | |
| 18.8 | p | | 40 | 1890 | 398 | 1098 | — | 1218 | 120 | |
| | p | | 67 | 1880 | 479 | 1081 | 1092 | 1220 | 120 | |
| | p | | 68 | 1890 | 520 | 888 | 889 | 1205 | 120 | |
| | p | | 41 | 1880 | 930 | 710 | — | 1208 | 121 | |
| | p | | 42 | 1880 | 1280 | 710 | — | 1210 | 128 | |
| | p | | 69 | 1888 | 1330 | 651 | 620 | 1210 | 121 | |
| | p | | 43 | 1880 | 1420 | 1090 | — | 1201 | 120 | |
| | p | | 70 | 1885 | 1469 | 382 | 370 | 1230 | 120 | |
| 19.0 | p | | 71 | 1901 | 425 | 765 | 790 | 1200 | 120 | |
| | p | | 44 | 1910 | 482 | 1015 | — | 1209 | 121 | |
| | p | | 72 | 1910 | 575 | 1105 | 1120 | 1229 | 128 | |
| | p | | 45 | 1912 | 1271 | 1110 | — | 1210 | 130 | |
| 19.2 | p | | 73 | 1920 | 453 | 1120 | 1114 | 1210 | 129 | |
| | p | | 74 | 1929 | 580 | 1085 | 1097 | 1220 | 120 | |
| | p | | 75 | 1920 | 675 | 1005 | 1000 | 1200 | 122 | |
| | p | | 46 | 1920 | 951 | 1070 | — | 1191 | 125 | |
| | p | | 76 | 1920 | 1230 | 651 | 655 | 1209 | 125 | |

α -dk. β fl.-dk. β fl.-dk. Reduced Reduced Magn. L.Ko.

| | | | | | | |
|------|-----|-----|-----|-----|------------|--------------------|
| 1045 | 112 | — | 107 | — | | |
| 1080 | 332 | — | 326 | — | | |
| 1000 | 380 | — | 380 | — | | |
| 1063 | 442 | — | 415 | — | | |
| 1089 | 569 | — | 622 | — | | |
| 1081 | 592 | — | 548 | — | | |
| 1078 | 732 | — | 678 | — | | |
| 1085 | 840 | — | 773 | — | | |
| 1070 | 960 | — | 897 | — | | |
| 1090 | 942 | — | 864 | — | 8.17 | 30 x |
| 1079 | 949 | — | 879 | — | 8.23 | 105 v |
| 1006 | 438 | — | 425 | — | 6.79 | 205 v |
| 1101 | 962 | — | 893 | — | 8.30 | |
| 1098 | 978 | — | 891 | — | 8.29 | |
| 1100 | 961 | 972 | 874 | 884 | 8.22, 8.25 | |
| 1085 | 768 | 769 | 707 | 708 | 7.37, 7.38 | |
| 1087 | 689 | — | 633 | — | 6.87 | no 5 sequence star |
| 1087 | 587 | — | 640 | — | 6.43 | 240 v |
| 1089 | 630 | 499 | 487 | 457 | 6.09, 5.93 | |
| 1081 | 970 | — | 897 | — | 8.33 | 225 x |
| 1110 | 262 | 250 | 236 | 226 | off curve | |
| 1080 | 645 | 670 | 597 | 621 | 6.74, 6.87 | |
| 1088 | 894 | — | 820 | — | 7.94 | |
| 1101 | 977 | 992 | 888 | 901 | 8.28, 8.34 | |
| 1080 | 980 | — | 907 | — | 8.38 | |
| 1081 | 991 | 985 | 918 | 912 | 8.44, 8.40 | |
| 1100 | 965 | 977 | 877 | 886 | 8.23, 8.28 | |
| 1078 | 883 | 878 | 830 | 815 | 7.99, 7.93 | |
| 1066 | 945 | — | 887 | — | 8.27 | no 8 sequence star |
| 1084 | 526 | 530 | 485 | 488 | 6.09, 6.10 | |

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JMC RH 1560 Oct. 18, 1929

| trips | class | star | y | X | D _{app} | D _{eff} | d | D _k | Volt |
|-------|-------|------|------|------|------------------|------------------|------|----------------|------|
| 2 | p | 47 | 1921 | 1348 | 949 | — | 1205 | 130 | |
| | f | 77 | 1931 | 1380 | 869 | 872 | 1210 | 130 | |
| | f | 78 | 1930 | 1430 | 758 | 740 | 1229 | 130 | |
| 19.4 | f | 79 | 1958 | 445 | 1115 | 1130 | 1230 | 130 | |
| | f | 80 | 1941 | 459 | 728 | 710 | 1212 | 130 | |
| | f | 81 | 1940 | 471 | 639 | 640 | 1200 | 130 | |
| | p | 48 | 1940 | 600 | 700 | — | 1210 | 130 | |
| | p | 49 | 1950 | 640 | 1100 | — | 1210 | 131 | |
| | p | 50 | 1958 | 790 | 1009 | — | 1200 | 130 | |
| | f | 82 | 1950 | 850 | 1000 | 1010 | 1220 | 130 | |
| | f | 83 | 1947 | 900 | 703 | 700 | 1210 | 130 | |
| | f | 84 | 1950 | 1122 | 1072 | 1072 | 1191 | 130 | |
| | f | 85 | 1941 | 1213 | 1070 | 1063 | 1218 | 131 | |
| 19.6 | p | 51 | 1970 | 381 | 1110 | — | 1220 | 132 | |
| | f | 86 | 1972 | 698 | 885 | 890 | 1220 | 130 | |
| | f | 87 | 1960 | 730 | 992 | 990 | 1200 | 130 | |
| | p | 52 | 1965 | 1220 | 975 | — | 1210 | 130 | |
| 19.8 | f | 88 | 1999 | 875 | 990 | 1005 | 1220 | 130 | |
| | f | 89 | 1980 | 970 | 720 | 720 | 1208 | 122 | |
| | f | 90 | 1980 | 1073 | 955 | 970 | 1221 | 135 | |
| | f | 91 | 1988 | 1155 | 560 | 550 | 1211 | 138 | |
| | p | 53 | 1980 | 1250 | 750 | — | 1190 | 131 | |
| 20.0 | p | 54 | 2008 | 400 | 1055 | — | 1200 | 128 | |
| | f | 92 | 2010 | 1136 | 809 | 805 | 1205 | 123 | |
| | f | 93 | 2010 | 1167 | 770 | 750 | 1210 | 120 | |
| | f | 55 | 2000 | 1272 | 709 | — | 1190 | 120 | |
| | p | 56 | 2001 | 1440 | 730 | — | 1220 | 120 | |
| 20.2 | f | 94 | 2030 | 610 | 1150 | 1151 | 1220 | 120 | |
| | f | 95 | 2030 | 631 | 1055 | 1080 | 1210 | 128 | |
| | f | 18 | 1910 | 930 | 218 | — | 1170 | 120 | |

| Q- δ | Defl- δ | Defl- δ | Reduced | Reduced | Magn. | L.K. |
|-------------|----------------|----------------|---------|---------|------------|--------------------|
| 1075 | 819 | — | 762 | — | 7.65 | 264 \times |
| 1080 | 739 | 742 | 684 | 687 | 7.24, 7.26 | |
| 1099 | 668 | 610 | 599 | 555 | 6.75, 6.50 | |
| 1100 | 985 | 1000 | 877 | 908 | 8.23, 8.38 | |
| 1082 | 598 | 580 | 553 | 537 | 6.48, 6.39 | |
| 1070 | 509 | 510 | 476 | 477 | 6.04, 6.04 | |
| 1080 | 590 | — | 528 | — | 6.35 | no 4 sequence star |
| 1079 | 969 | — | 898 | — | 8.33 | |
| 1070 | 879 | — | 802 | — | 7.95 | 22 \times |
| 1090 | 870 | 880 | 797 | 866 | 7.84, 7.87 | |
| 1080 | 573 | 590 | 532 | 528 | 6.36, 6.35 | |
| 1061 | 942 | 942 | 887 | 887 | 8.27, 8.27 | |
| 1087 | 939 | 932 | 870 | 864 | 8.20, 8.15 | |
| 1088 | 978 | — | 899 | — | 8.34 | 892 \times |
| 1090 | 755 | 760 | 702 | 689 | 7.34, 7.33 | |
| 1070 | 862 | 860 | 793 | 792 | 7.82, 7.82 | |
| 1080 | 845 | — | 783 | — | 7.76 | 274 \checkmark |
| 1090 | 860 | 875 | 789 | 803 | 7.79, 7.86 | |
| 1086 | 595 | 598 | 551 | 551 | 6.47, 6.47 | |
| 1086 | 820 | 835 | 756 | 769 | 7.63, 7.69 | |
| 1073 | 422 | 402 | 393 | 374 | 5.43, 5.25 | |
| 1059 | 619 | — | 585 | — | 6.66 | 279 \checkmark |
| 1072 | 927 | — | 865 | — | 8.16 | 880 \times |
| 1082 | 686 | 682 | 635 | 630 | 6.95, 6.92 | |
| 1090 | 650 | 630 | 597 | 576 | 6.74, 6.62 | |
| 1078 | 589 | — | 551 | — | 6.47 | 294 \checkmark |
| 1100 | 610 | — | 555 | — | 6.49 | 297 \checkmark |
| 1100 | 1030 | 1031 | 937 | 936 | 8.51, 8.51 | |
| 1082 | 927 | 922 | 848 | 879 | 8.08, 8.23 | |
| 1050 | 98 | — | 933 | — | 8.5 | |

118

Jmc R H 1560 Oct. 18, 1929

| truf | class | stan | y | x | Dye | Dye | a | ph | alt |
|------|-------|------|------|-----|------|-----|------|-----|-----|
| | | 1 | 1935 | 568 | 459 | — | 1209 | 120 | |
| | | 2 | — | — | 492 | — | 1125 | 120 | |
| | | 3 | — | — | 550 | — | 1187 | 128 | |
| | | 4 | — | — | 680 | — | 1201 | 122 | |
| | | 5 | — | — | 703 | — | 1195 | 123 | |
| | | 6 | — | — | 840 | — | 1200 | 121 | |
| | | 7 | — | — | 930 | — | 1203 | 121 | |
| | | 8 | — | — | 1081 | — | 1191 | 122 | |

2 gp - R H 1560 - Oct 18, 1929

| | | | | | | | |
|----|------|-----|------|---|------|-----|-----|
| 10 | 1910 | 930 | 240 | — | 1129 | 150 | 510 |
| 1 | 1935 | 568 | 498 | — | 1210 | 153 | |
| 2 | — | — | 501 | — | 1152 | 153 | |
| 3 | — | — | 607 | — | 1193 | 160 | |
| 4 | — | — | 414 | — | 1218 | 159 | |
| 5 | — | — | 472 | — | 1213 | 158 | |
| 6 | — | — | 871 | — | 1212 | 160 | |
| 4 | — | — | 903 | — | 1214 | 154 | |
| 8 | — | — | 1093 | — | 1212 | 153 | |

| | | | | | | | |
|------|-----|------|------|------|------|------|-----|
| 20.4 | 96 | 2050 | 470 | 1157 | 1168 | 1239 | 159 |
| | 97 | 2040 | 561 | 1151 | 1173 | 1232 | 160 |
| | 98 | 2045 | 600 | 1071 | 1087 | 1231 | 162 |
| | 99 | 2044 | 670 | 950 | 974 | 1243 | 161 |
| | 100 | 2050 | 670 | 990 | 1040 | 1251 | 161 |
| | 101 | 2050 | 991 | 817 | 850 | 1237 | 159 |
| | 102 | 2039 | 1182 | 1009 | 1012 | 1241 | 163 |
| | 57 | 2048 | 1303 | 1100 | — | 1240 | 160 |
| | 58 | 2040 | 1313 | 921 | — | 1242 | 169 |
| 20.6 | 103 | 2070 | 359 | 1080 | 1086 | 1251 | 153 |
| | 104 | 2058 | 580 | 1058 | 1053 | 1240 | 154 |
| | 105 | 2070 | 651 | 870 | 858 | 1242 | 157 |

| C. Ab | Defl - Ab | Defl - Ab | Reduced | Reduced | Magn | L. No. |
|-------|-----------|-----------|---------|---------|------------|--------|
| 1081 | 339 | ✓ | 311 | — | | |
| 1005 | 372 | — | 370 | — | | |
| 1059 | 422 | — | 398 | — | | |
| 1079 | 558 | — | 517 | — | | |
| 1072 | 680 | — | 541 | — | | |
| 1079 | 719 | — | 666 | — | | |
| 1082 | 809 | — | 747 | — | | |
| 1069 | 959 | — | 896 | — | | |
| 979 | 90 | — | 92 | — | | |
| 1057 | 346 | — | 325 | — | | |
| 999 | 348 | — | 349 | — | | |
| 1033 | 447 | — | 484 | — | | |
| 1069 | 555 | — | 524 | — | | |
| 1055 | 614 | — | 582 | — | | |
| 1052 | 711 | — | 677 | — | | |
| 1060 | 749 | — | 706 | — | | |
| 1069 | 940 | — | 887 | — | | |
| 1080 | 998 | 1019 | 925 | 943 | 8.55, 8.64 | |
| 1072 | 991 | 1013 | 924 | 941 | 8.54, 8.63 | |
| 1069 | 909 | 925 | 850 | 866 | 8.15, 8.25 | |
| 1082 | 789 | 813 | 730 | 752 | 7.49, 7.60 | |
| 1090 | 829 | 879 | 760 | 805 | 7.65, 7.90 | |
| 1078 | 658 | 691 | 612 | 641 | 6.75, 6.93 | |
| 1078 | 836 | 849 | 775 | 786 | 7.75, 7.80 | |
| 1080 | 940 | — | 870 | — | 8.26 | C x |
| 1073 | 752 | — | 702 | — | 7.33 | 2a x |
| 1098 | 907 | 933 | 844 | 849 | 8.11, 8.13 | |
| 1086 | 904 | 899 | 832 | 827 | 8.06, 8.08 | |
| 1085 | 713 | 701 | 687 | 648 | 7.04, 6.97 | |

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| strip | class | star | y | z | Def | Defl | e | Vol |
|-------|-------|------|------|------|------|------|------|-----|
| 20.8 | p | 106 | 2070 | 760 | 1083 | 1093 | 1228 | 149 |
| | p | 59 | 2077 | 1159 | 949 | — | 1218 | 159 |
| | p | 107 | 2064 | 1333 | 1156 | 1147 | 1240 | 151 |
| | p | 108 | 2058 | 1387 | 810 | 810 | 1223 | 153 |
| | p | 109 | 2060 | 1419 | 753 | 812 | 1260 | 152 |
| | p | | 2087 | 1536 | 957 | — | 1247 | 153 |
| | p | 60 | 2092 | 400 | 1151 | — | 1231 | 153 |
| | p | 110 | 2080 | 691 | 1179 | 1177 | 1248 | 159 |
| | p | 111 | 2090 | 807 | 1001 | 1019 | 1233 | 159 |
| | p | 112 | 2090 | 1087 | 1158 | 1117 | 1242 | 157 |
| | p | 113 | 2086 | 1263 | 1161 | 1167 | 1241 | 161 |
| | p | 114 | 2090 | 1288 | 1149 | 1160 | 1250 | 158 |
| | p | 115 | 2091 | 1381 | 808 | 841 | 1233 | 158 |
| | p | 116 | 2091 | 1382 | 590 | 642 | 1218 | 152 |
| 21.0 | p | 61 | 2100 | 320 | 953 | — | 1247 | 101 |
| | p | 117 | 2104 | 379 | 1117 | 1069 | 1239 | 104 |
| | p | 118 | 2103 | 528 | 1004 | 1020 | 1241 | 109 |
| | p | 62 | 2110 | 657 | 1151 | — | 1243 | 109 |
| | p | 119 | 2110 | 785 | 1157 | 1137 | 1231 | 110 |
| | p | 120 | 2100 | 819 | 1070 | 1039 | 1223 | 110 |
| | p | 121 | 2102 | 971 | 1061 | 1050 | 1233 | 111 |
| | p | 63 | 2113 | 1103 | 737 | — | 1237 | 111 |
| | p | 122 | 2099 | 1149 | 882 | 897 | 1209 | 118 |
| | p | 123 | 2100 | 1150 | 1731 | 1730 | 1209 | 110 |
| 21.2 | p | 124 | 2128 | 403 | 1060 | 1067 | 1253 | 113 |
| | p | 64 | 2135 | 489 | 883 | — | 1259 | 117 |
| | p | 125 | 2120 | 643 | 1060 | 1107 | 1250 | 115 |
| | p | 65 | 2117 | 682 | 1089 | — | 1241 | 113 |
| | p | 126 | 2123 | 1418 | 1001 | 1002 | 1250 | 119 |
| 21.4 | p | 127 | 2147 | 597 | 998 | 982 | 1260 | 120 |

| Obs. No. | Defl. Obs. | Defl. Obs. | Reduced | Reduced | Magn. L. No. | |
|----------|------------|------------|---------|---------|----------------------|-------|
| 1079 | 934 | 944 | 865 | 874 | 8.24, 8.29 | |
| 1059 | 790 | — | 446 | — | 7.57 | 338✓ |
| 1089 | 1005 | 996 | 923 | 915 | 8.54, 8.51 | |
| 1076 | 667 | 657 | 613 | 613 | 6.77, 6.77 | |
| 1108 | 601 | 660 | 543 | 596 | 6.32, 6.66 | |
| 1098 | 998 | — | 926 | — | 8.56 | 840x |
| 1089 | 1020 | 1018 | 937 | 935 | 8.63, 8.61 | |
| 1074 | 842 | 860 | 784 | 802 | 7.79, 7.89 | |
| 1085 | 1001 | 960 | 922 | 883 | 8.53, 8.22 | |
| 1080 | 1000 | 1006 | 926 | 932 | 8.56, 8.61 | |
| 1092 | 991 | 1002 | 908 | 918 | 8.47, 8.51 | |
| 1075 | 650 | 683 | 604 | 635 | 6.72, 6.91 | |
| 1066 | 438 | 490 | 412 | 460 | 5.37, 5.71 | |
| 1146 | 852 | — | 744 | — | 7.56 | 844x |
| 1135 | 1013 | 965 | 891 | 849 | 8.39, 8.15 | |
| 1132 | 895 | 811 | 792 | 805 | 7.88, 7.96 | |
| 1134 | 1042 | — | 917 | — | 8.51 | 978?x |
| 1121 | 1047 | 1027 | 934 | 916 | 8.52, 8.53 | |
| 1113 | 960 | 929 | 863 | 836 | 8.23, 8.07 | |
| 1122 | 950 | 939 | 847 | 837 | 8.14, 8.07 | |
| 1126 | 626 | — | 557 | — | 6.43 | 376✓ |
| 1091 | 764 | 779 | 700 | 714 | 7.31, 7.41 | |
| 1099 | 1621 | 1620 | 1475 | 1473 | off curve, off curve | |
| 1140 | 947 | 964 | 831 | 837 | 8.05, 8.09 | |
| 1142 | 766 | — | 670 | — | 7.13 | 805✓ |
| 1135 | 945 | 992 | 832 | 874 | 8.06, 8.29 | |
| 1128 | 976 | — | 865 | — | 8.24 | 765✓ |
| 1131 | 882 | 883 | 478 | 779 | 7.77, 7.78 | |
| 1140 | 878 | 862 | 170 | 756 | 7.71, 7.64 | |

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| Star | y | y | Duff | Duff | a | Sh | Vol |
|------|------|------|------|------|------|-----|-----|
| 128 | 2152 | 708 | 1130 | 1129 | 1240 | 120 | |
| 129 | 2150 | 711 | 1156 | 1159 | 1229 | 120 | |
| 130 | 2150 | 739 | 1123 | 1140 | 1233 | 121 | |
| 66 | 2150 | 793 | 1157 | — | 1240 | 120 | |
| 131 | 2140 | 840 | 1130 | 1139 | 1233 | 121 | |
| 132 | 2148 | 1004 | 1113 | 1101 | 1181 | 121 | |
| 133 | 2142 | 1250 | 753 | 733 | 1180 | 122 | |
| 134 | 2151 | 1260 | 990 | 993 | 1190 | 121 | |
| 10 | 1910 | 930 | 227 | — | 1117 | 120 | |
| 1 | 1935 | 568 | 469 | — | 1168 | 119 | |
| 2 | — | — | 468 | — | 1110 | 120 | |
| 3 | — | — | 573 | — | 1149 | 120 | |
| 4 | — | — | 700 | — | 1170 | 119 | |
| 5 | — | — | 711 | — | 1170 | 120 | |
| 6 | — | — | 858 | — | 1167 | 121 | |
| 7 | — | — | 868 | — | 1170 | 122 | |
| 8 | — | — | 1048 | — | 1162 | 121 | 510 |

fmc R+1560 Oct. 21, 1929

| | | | | | | |
|-----|------|-----|------|------|------|-----|
| 18 | 1910 | 913 | 189 | — | 1102 | 165 |
| 1 | 1935 | 551 | 339 | — | 1160 | 160 |
| 2 | — | — | 400 | — | 1079 | 153 |
| 3 | — | — | 450 | — | 1140 | 150 |
| 4 | — | — | 542 | — | 1170 | 160 |
| 5 | — | — | 590 | — | 1170 | 160 |
| 6 | — | — | 768 | — | 1182 | 162 |
| 7 | — | — | 815 | — | 1192 | 160 |
| 8 | — | — | 1030 | — | 1180 | 162 |
| 67 | 2189 | 322 | 882 | — | 1222 | 162 |
| 135 | 2172 | 381 | 1120 | 1090 | 1230 | 162 |
| 68 | 2173 | 445 | 1001 | — | 1225 | 155 |

21.6

| Cl.-dk | Defl.-dk | Defl.-dk | Reduced | Reduced | Magn. | L.No. |
|--------|----------|----------|---------|---------|------------|-------|
| 11 20 | 1010 | 1009 | 901 | 900 | 8.44, 8.43 | |
| 11 09 | 1036 | 1039 | 931 | 933 | 8.60, 8.62 | |
| 11 12 | 1002 | 1019 | 901 | 914 | 8.43, 8.51 | |
| 11 20 | 1032 | — | 920 | — | 8.63 | 3 x |
| 11 12 | 1009 | 1018 | 901 | 911 | 8.44, 8.49 | |
| 10 60 | 992 | 980 | 939 | 927 | 8.64, 8.57 | |
| 10 58 | 631 | 611 | 597 | 579 | 6.68, 6.54 | |
| 10 69 | 869 | 872 | 812 | 816 | 7.94, 7.97 | |
| 997 | 101 | — | 167 | — | | |
| 1049 | 350 | — | 334 | — | | |
| 990 | 348 | — | 352 | — | | |
| 1029 | 453 | — | 441 | — | | |
| 10 51 | 581 | — | 653 | — | | |
| 10 50 | 591 | — | 563 | — | | |
| 1046 | 737 | — | 704 | — | | |
| 1048 | 746 | — | 713 | — | | |
| 1041 | 927 | — | 884 | — | | |
| 937 | 24 | — | 26 | — | | |
| 10 00 | 179 | — | 179 | — | | |
| 926 | 247 | — | 267 | — | | |
| 990 | 300 | — | 303 | — | | |
| 1010 | 382 | — | 378 | — | | |
| 10 10 | 430 | — | 427 | — | | |
| 1020 | 606 | — | 594 | — | | |
| 1032 | 655 | — | 635 | — | | |
| 1018 | 868 | — | 852 | — | | |
| 1060 | 920 | — | 667 | — | 7.52 | 809 x |
| 1068 | 958 | 928 | 896 | 867 | 8.40, 8.79 | |
| 1070 | 846 | — | 790 | — | 8.03 | 791 x |

fmc R H 1560 Oct. 21, 1929

| strip | class | star | y | z | Diff | Diff | e | Da | Volt |
|-------|-------|------|------|------|------|------|------|-----|------|
| 1.6 | f | 136 | 2179 | 641 | 1042 | 1040 | 1200 | 161 | |
| | f | 69 | 2160 | 813 | 721 | — | 1179 | 164 | |
| | f | 137 | 2169 | 1010 | 1070 | 1060 | 1230 | 169 | |
| | f | 138 | 2170 | 1050 | 821 | 819 | 1195 | 162 | |
| | f | 139 | 2171 | 1185 | 707 | 695 | 1198 | 169 | |
| | p | 70 | 2160 | 1199 | 1069 | — | 1230 | 171 | |
| | p | 71 | 2170 | 1305 | 992 | — | 1230 | 169 | |
| 21.8 | f | 140 | 2188 | 384 | 1121 | 1108 | 1221 | 170 | |
| | p | 72 | 2181 | 628 | 1129 | — | 1242 | 170 | |
| | f | 141 | 2197 | 721 | 1065 | 1053 | 1213 | 171 | |
| | f | 142 | 2180 | 1060 | 920 | 920 | 1229 | 171 | |
| | f | 143 | 2188 | 1220 | 828 | 790 | 1238 | 171 | |
| | f | 144 | 2190 | 1341 | 920 | 915 | 1211 | 171 | |
| | f | 145 | 2199 | 1370 | 1088 | 1080 | 1218 | 172 | |
| 22.0 | f | 146 | 2210 | 279 | 981 | 983 | 1200 | 173 | |
| | f | 147 | 2210 | 309 | 731 | 742 | 1225 | 171 | |
| | p | 73 | 2218 | 502 | 1080 | — | 1235 | 172 | |
| | p | 74 | 2201 | 537 | 1031 | — | 1229 | 170 | |
| | f | 148 | 2211 | 549 | 852 | 860 | 1240 | 173 | |
| | p | 75 | 2200 | 588 | 1050 | — | 1229 | 170 | |
| | f | 149 | 2205 | 709 | 1038 | 1000 | 1225 | 171 | |
| | f | 150 | 2210 | 970 | 693 | 672 | 1187 | 170 | |
| | f | 151 | 2210 | 1280 | 480 | 440 | 1213 | 170 | |
| 22.2 | p | 76 | 2239 | 379 | 1010 | — | 1225 | 170 | |
| | f | 152 | 2222 | 570 | 1110 | 1100 | 1242 | 172 | |
| | f | 153 | 2221 | 700 | 1053 | 1090 | 1231 | 172 | |
| | p | 77 | 2230 | 710 | 1110 | — | 1225 | 171 | |
| | f | 154 | 2230 | 810 | 1060 | 1080 | 1231 | 171 | |
| | p | 78 | 2230 | 816 | 981 | — | 1219 | 178 | |
| | p | 79 | 2220 | 975 | 1079 | — | 1209 | 172 | |

| Cl.-dk. | Defl.-dk. | Defl.-dk. | Reduced | Reduced | Magn. | Ln. No. |
|---------|-----------|-----------|---------|---------|------------|------------------|
| 1039 | 881 | 879 | 847 | 846 | 8.23, 8.22 | |
| 1015 | 554 | — | 545 | — | 1.00 | 627 ^x |
| 1061 | 901 | 891 | 849 | 844 | 8.24, 8.22 | |
| 1033 | 659 | 657 | 637 | 636 | 7.38, 7.37 | |
| 1029 | 538 | 526 | 524 | 512 | 6.90, 6.89 | |
| 1059 | 898 | — | 850 | — | 8.23 | |
| 1061 | 823 | — | 776 | — | 7.96 | |
| 1051 | 951 | 938 | 904 | 892 | 8.44, 8.38 | |
| 1072 | 959 | — | 896 | — | 8.39 | |
| 1042 | 894 | 882 | 857 | 846 | 5.26, 8.22 | |
| 1058 | 749 | 749 | 706 | 706 | 7.67, 7.67 | |
| 1067 | 659 | 649 | 614 | 579 | 7.30, 7.14 | |
| 1040 | 749 | 744 | 720 | 715 | 7.73, 7.76 | |
| 1046 | 916 | 908 | 875 | 867 | 8.32, 8.29 | |
| 1027 | 808 | 810 | 786 | 788 | 8.03, 8.04 | |
| 1054 | 520 | 571 | 531 | 541 | 6.93, 6.99 | |
| 1063 | 808 | — | 760 | — | 7.89 | 764 ^x |
| 1059 | 861 | — | 814 | — | 8.11 | |
| 1067 | 679 | 687 | 636 | 643 | 7.38, 7.42 | |
| 1059 | 880 | — | 831 | — | 8.17 | 748 ^v |
| 1054 | 841 | 829 | 805 | 786 | 8.03, 8.03 | |
| 1017 | 523 | 502 | 514 | 493 | 6.85, 6.72 | |
| 1043 | 310 | 270 | 297 | 259 | 5.63, 5.30 | |
| 1055 | 840 | — | 795 | — | 8.04 | k ^x |
| 1070 | 938 | 928 | 876 | 866 | 8.34, 8.28 | |
| 1059 | 881 | 918 | 833 | 867 | 8.18, 8.30 | |
| 1054 | 939 | — | 885 | — | 8.36 | |
| 1060 | 889 | 909 | 839 | 857 | 8.70, 8.26 | |
| 1041 | 603 | — | 772 | — | 7.93 | 601 ^v |
| 1037 | 907 | — | 875 | — | 8.33 | 496 ^x |

FMC R + 1560 Oct. 21, 1929

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| strip | class | star | y | x | D ₁ | D ₂ | cl | Dr | Vol |
|-------|-------|------|------|------|----------------|----------------|------|-----|-----|
| 2.2 | f | 155 | 2229 | 1271 | 675 | 672 | 1198 | 170 | |
| 2.4 | f | 156 | 2243 | 820 | 1110 | 1110 | 1215 | 172 | |
| | f | 157 | 2241 | 860 | 792 | 790 | 1210 | 175 | |
| | f | 80 | 2253 | 960 | 1081 | — | 1208 | 174 | |
| | f | 81 | 2240 | 1139 | 1001 | — | 1190 | 170 | |
| | f | 158 | 2240 | 1209 | 1035 | 1028 | 1205 | 180 | |
| 2.6 | f | 82 | 2261 | 629 | 908 | — | 1230 | 180 | |
| | f | 83 | 2270 | 783 | 642 | — | 1180 | 180 | |
| | f | 159 | 2269 | 790 | 1065 | 1060 | 1230 | 175 | |
| | f | 160 | 2261 | 841 | 610 | 605 | 1209 | 173 | |
| | f | 161 | 2275 | 1012 | 1031 | 1000 | 1200 | 178 | |
| | f | 162 | 2270 | 1160 | 1082 | 1075 | 1210 | 170 | |
| 2.8 | f | 163 | 2285 | 318 | 562 | 559 | 1210 | 178 | |
| | f | 164 | 2290 | 382 | 1110 | 1132 | 1230 | 178 | |
| | f | 84 | 2289 | 420 | 1051 | — | 1232 | 180 | |
| | f | 165 | 2298 | 530 | 955 | 960 | 1230 | 171 | |
| | f | 166 | 2290 | 659 | 550 | 550 | 1230 | 173 | |
| | f | 85 | 2299 | 710 | 990 | — | 1218 | 175 | |
| 23.0 | f | 167 | 2305 | 650 | 882 | 860 | 1200 | 176 | |
| | f | 168 | 2310 | 942 | 937 | 948 | 1200 | 171 | |
| | f | 86 | 2309 | 1240 | 807 | — | 1239 | 175 | |
| | f | 169 | 2301 | 1379 | 671 | 660 | 1215 | 171 | |
| | | 15 | 1910 | 913 | 225 | — | 1179 | 170 | |
| | | 1 | 1935 | 551 | 380 | — | 1195 | 170 | |
| | | 2 | — | — | 400 | — | 1120 | 165 | |
| | | 3 | — | — | 480 | — | 1127 | 168 | |
| | | 4 | — | — | 580 | — | 1197 | 165 | |
| | | 5 | — | — | 640 | — | 1185 | 170 | |
| | | 6 | — | — | 770 | — | 1200 | 170 | |
| | | 7 | — | — | 821 | — | 1203 | 178 | |
| | | 8 | — | — | 1069 | — | 1190 | 170 | |

| Cl.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn. L. No. | |
|---------|-----------|-----------|---------|---------|--------------|-------|
| 1028 | 505 | 502 | 492 | 489 | 6.72, 6.69 | |
| 1043 | 948 | 938 | 907 | 897 | 8.44, 8.40 | |
| 1035 | 617 | 615 | 696 | 694 | 7.22, 7.20 | |
| 1034 | 907 | — | 876 | — | 8.23 | 518 x |
| 1020 | 831 | — | 815 | — | 8.11 | 425 ✓ |
| 1025 | 855 | 848 | 833 | 826 | 8.18, 8.14 | |
| 1050 | 728 | — | 694 | — | 7.62 | 713 ✓ |
| 1000 | 462 | — | 462 | — | 6.54 | 625 ✓ |
| 1055 | 890 | 885 | 843 | 837 | 8.22, 8.19 | |
| 1036 | 437 | 432 | 422 | 417 | 6.36, 6.29 | |
| 1022 | 853 | 822 | 835 | 804 | 8.18, 8.07 | |
| 1030 | 912 | 905 | 884 | 878 | 8.26, 8.22 | |
| 1032 | 384 | 381 | 372 | 369 | 6.07, 6.04 | |
| 1052 | 932 | 954 | 885 | 906 | 8.36, 8.43 | |
| 1052 | 871 | — | 828 | — | 8.15 | 958 x |
| 1059 | 784 | 789 | 741 | 745 | 7.82, 7.83 | |
| 1057 | 377 | 377 | 356 | 356 | 5.98, 5.98 | |
| 1043 | 815 | — | 781 | — | 7.99 | 664 x |
| 1044 | 706 | 684 | 677 | 655 | 7.56, 7.46 | |
| 1029 | 766 | 777 | 745 | 755 | 7.83, 7.87 | |
| 1064 | 632 | — | 594 | — | 7.21 | 420 x |
| 1044 | 500 | 489 | 478 | 467 | 6.64, 6.57 | |
| 1009 | 55 | — | 54 | — | | |
| 1025 | 210 | — | 205 | — | | |
| 955 | 235 | — | 246 | — | | |
| 959 | 342 | — | 325 | — | | |
| 1032 | 415 | — | 402 | — | | |
| 1015 | 470 | — | 463 | — | | |
| 1030 | 610 | — | 692 | — | | |
| 1025 | 643 | — | 627 | — | | |
| 1028 | 899 | — | 883 | — | | |

29p- R 1560 - Oct 21, 1929

| strip | class | star | y | x | Depl | Depl | ce | Deh | Vel |
|-------|-------|------|------|------|------|------|------|-----|-----|
| | | 10 | 1910 | 913 | 209 | — | 1080 | 161 | 510 |
| | | 1 | 1935 | 551 | 370 | — | 1157 | 161 | |
| | | 2 | — | — | 378 | — | 1102 | 159 | |
| | | 3 | — | — | 469 | — | 1145 | 161 | |
| | | 4 | — | — | 551 | — | 1167 | 159 | |
| | | 5 | — | — | 593 | — | 1169 | 161 | |
| | | 6 | — | — | 739 | — | 1170 | 153 | |
| | | 7 | — | — | 796 | — | 1187 | 167 | |
| | | 8 | — | — | 1022 | — | 1181 | 169 | |
| 23.2 | f | 170 | 2330 | 378 | 1040 | 1060 | 1209 | 161 | |
| | f | 171 | 2322 | 522 | 725 | 721 | 1200 | 162 | |
| | p | 87 | 2320 | 637 | 1018 | — | 1200 | 162 | |
| | p | 88 | 2323 | 738 | 813 | — | 1198 | 160 | |
| | p | 89 | 2323 | 966 | 1020 | — | 1159 | 161 | |
| | f | 172 | 2327 | 990 | 423 | 429 | 1203 | 161 | |
| | f | 173 | 2329 | 1099 | 1115 | 1108 | 1198 | 163 | |
| | p | 90 | 2320 | 1139 | 848 | — | 1189 | 160 | |
| 23.4 | f | 174 | 2339 | 673 | 987 | 691 | 1181 | 153 | |
| | p | 91 | 2351 | 787 | 655 | — | 1188 | 161 | |
| | p | 92 | 2356 | 833 | 840 | — | 1191 | 161 | |
| | p | 93 | 2354 | 872 | 819 | — | 1193 | 161 | |
| | f | 175 | 2351 | 879 | 1050 | 1030 | 1173 | 160 | |
| | p | 94 | 2340 | 1254 | 493 | — | 1160 | 159 | |
| 23.6 | f | 176 | 2367 | 407 | 1019 | 1032 | 1197 | 153 | |
| | f | 177 | 2372 | 549 | 980 | 997 | 1183 | 162 | |
| | p | 95 | 2372 | 631 | 884 | — | 1198 | 161 | |
| | f | 178 | 2370 | 749 | 872 | 860 | 1203 | 163 | |
| | p | 96 | 2362 | 881 | 1050 | — | 1181 | 160 | |
| | p | 97 | 2370 | 1123 | 1049 | — | 1171 | 161 | |
| | p | 98 | 2358 | 1243 | 1027 | — | 1189 | 161 | |

| cl.-dk. | Defl.-dk. | Defl.-dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|----------|---------|----------------------|--------|
| 919 | 48 | — | 52 | — | | |
| 996 | 209 | — | 210 | — | | |
| 943 | 219 | — | 233 | — | | |
| 984 | 308 | — | 314 | — | | |
| 1008 | 392 | — | 386 | — | | |
| 1008 | 432 | — | 425 | — | | |
| 1017 | 586 | — | 567 | — | | |
| 1020 | 629 | — | 601 | — | | |
| 1012 | 853 | — | 830 | — | | |
| 1048 | 899 | 899 | 856, | 856 | 8.41, 8.41 | |
| 1038 | 563 | 569 | 542 | 540 | 7.05, 7.03 | |
| 1038 | 856 | — | 826 | — | 8.29 | 688✓ |
| 1038 | 653 | — | 630 | — | 7.46 | |
| 998 | 859 | — | 860 | — | 8.43 | |
| 1042 | 262 | 268 | 251, | 256 | 5.35, 5.40 | |
| 1035 | 952 | 945 | 918, | 916 | off curve, off curve | |
| 1029 | 688 | — | 670 | — | 7.63 | 451✓ |
| 1028 | 834 | 638 | 8.13, | 621 | 8.25, 6.96 | |
| 1027 | 494 | — | 480 | — | 7.23 | 606✓ |
| 1030 | 679 | — | 659 | — | 7.57 | 587✓ |
| 1032 | 658 | — | 638 | — | 7.49 | 570✓ |
| 1013 | 890 | 870 | 878, 868 | 858 | 8.60, 8.42 | |
| 1001 | 334 | — | 334 | — | 5.94 | 426x |
| 1044 | 866 | 879 | 828, 841 | 841 | 8.30, 8.21 | |
| 1021 | 818 | 835 | 802, 818 | 818 | 8.22, 8.26 | |
| 1037 | 723 | — | 696 | — | 7.73 | 679✓ |
| 1040 | 709 | 697 | 681, 670 | 670 | 7.67, 7.63 | |
| 1021 | 890 | — | 872 | — | 8.50 | |
| 1010 | 888 | — | 878 | — | 8.51 | |
| 1028 | 866 | — | 838 | — | 8.34 | |

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| Mag | Class | Star | α | δ | Dist | Dist | cl. | dk | note |
|------|-------|------|----------|----------|------|-----------------|------|-----|------|
| 3.8 | p | 179 | 2390 | 443 | 1000 | 996 | 1207 | 159 | |
| | p | 180 | 2390 | 708 | 529 | 528 | 1198 | 160 | |
| | p | 99 | 2380 | 910 | 1060 | 1060 | 1087 | 158 | |
| | p | 181 | 2389 | 1258 | 1025 | 1047 | 1190 | 153 | |
| | p | 182 | 2382 | 1339 | 1030 | 1070 | 1183 | 158 | |
| 24.0 | p | 183 | 2410 | 465 | 1100 | 1108 | 1270 | 160 | |
| | p | 100 | 2395 | 763 | 1120 | — | 1199 | 169 | |
| | p | 184 | 2407 | 935 | 800 | 810 | 1203 | 169 | |
| | p | 185 | 2410 | 990 | 621 | 623 | 1213 | 163 | |
| | p | 186 | 2400 | 1187 | 689 | 703 | 1196 | 160 | |
| | p | 101 | 2412 | 1192 | 863 | — | 1189 | 160 | |
| 24.2 | p | 187 | 2430 | 482 | 1111 | 1084 | 1210 | 165 | ! |
| | p | 188 | 2432 | 549 | 791 | 770 | 1219 | 170 | |
| | p | 189 | 2433 | 634 | 833 | 842 | 1206 | 163 | |
| | p | 190 | 2428 | 889 | 890 | 885 | 1179 | 168 | |
| | p | 102 | 2428 | 1051 | 1040 | — | 1208 | 169 | |
| | p | 103 | 2415 | 1140 | 501 | — | 1192 | 168 | |
| | p | 191 | 2420 | 1200 | 968 | 965 | 1211 | 170 | |
| | p | 104 | 2418 | 1303 | 889 | — | 1193 | 169 | |
| 24.4 | p | 192 | 2441 | 508 | 1112 | 1112 | 1232 | 189 | |
| | p | 193 | 2443 | 521 | 1051 | 1079 | 1238 | 187 | |
| | p | 105 | 2440 | 589 | 940 | — | 1213 | 187 | |
| | p | 194 | 2453 | 721 | 1067 | 1069 | 1200 | 191 | |
| | p | 195 | 2449 | 809 | 1068 | 1063 | 1210 | 193 | |
| | p | 196 | 2439 | 830 | 1054 | 1072 | 1216 | 181 | |
| | p | 106 | 2440 | 838 | 947 | — | 1213 | 181 | |
| | p | 197 | 2442 | 949 | 1101 | 1092 | 1202 | 191 | |
| | p | 198 | 2450 | 1213 | 899 | 889 | 1193 | 191 | |
| | p | 199 | 2450 | 1340 | 892 | 857 | 1222 | 190 | |
| 24.6 | p | 200 | 2461 | 552 | 1062 | 1070 | 1228 | 199 | |

| ce. dk. | Defl.-dk | Defl.-dk | Reduced | Reduced | L.no | Mag |
|---------|----------|----------|---------|---------|----------------|-----|
| 10 48 | 841 | 837 | 801 | 798 | 8.20, 8.18 | |
| 10 38 | 366 | 368 | 354 | 356 | 6.06, 6.08 | |
| 9 29 | 902 | — | 970 | — | off curve | |
| 10 37 | 872 | 894 | 834 | 863 | 8.33, 8.44 | |
| 10 25 | 872 | 912 | 849 | 889 | 8.38, 8.55 | |
| 10 60 | 940 | 948 | 887 | 894 | 8.55, 8.59 | |
| 10 30 | 951 | — | 923 | — | off curve | |
| 10 34 | 631 | 641 | 610 | 619 | 7.87, 7.42 | |
| 10 50 | 458 | 460 | 436 | 438 | 6.53, 6.54 | |
| 10 36 | 529 | 543 | 510 | 522 | 6.87, 6.94 | |
| 10 29 | 703 | — | 683 | — | 457 X | |
| 10 45 | 946 | 819 | 902 | 780 | off curve, 809 | |
| 10 49 | 621 | 660 | 591 | 572 | 7.27, 7.20 | |
| 10 43 | 670 | 679 | 642 | 650 | 7.56, 7.58 | |
| 10 11 | 722 | 717 | 712 | 708 | 7.61, 7.77 | |
| 10 39 | 870 | — | 887 | — | 8.34 | |
| 10 24 | 333 | — | 327 | — | 474 X | |
| 10 41 | 798 | 795 | 766 | 764 | 8.04, 8.03 | |
| 10 24 | 721 | — | 709 | — | 1a X | |
| 10 43 | 923 | 923 | 885 | 885 | 8.18, 8.18 | |
| 10 51 | 864 | 892 | 822 | 850 | 8.27, 8.38 | |
| 10 26 | 763 | — | 733 | — | 681 X | |
| 10 09 | 876 | 878 | 867 | 870 | 8.47, 8.48 | |
| 10 28 | 865 | 860 | 849 | 843 | 8.37, 8.34 | |
| 10 35 | 873 | 891 | 842 | 860 | 8.36, 8.43 | |
| 10 32 | 766 | — | 744 | — | 583 ✓ | |
| 10 11 | 910 | 901 | 898 | 889 | 8.59, 8.55 | |
| 10 02 | 708 | 698 | 706 | 697 | 7.77, 7.74 | |
| 10 32 | 702 | 667 | 688 | 649 | 7.70, 7.53 | |
| 10 29 | 863 | 871 | 837 | 845 | 8.34, 8.36 | |

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| Class | Star | y | % | Defl | Defl | cl | alk | Notes |
|---------------|------|------|------|------|------|------|-----|-------|
| <i>p</i> | 201 | 2476 | 668 | 950 | 962 | 1215 | 198 | |
| <i>p</i> | 202 | 2472 | 822 | 1072 | 1073 | 1198 | 191 | |
| <i>p</i> | 203 | 2468 | 869 | 970 | 1009 | 1179 | 191 | |
| <i>p</i> | 107 | 2460 | 963 | 928 | — | 1192 | 190 | |
| <i>p</i> | 108 | 2470 | 979 | 413 | — | 1213 | 196 | |
| <i>p</i> | 109 | 2460 | 1166 | 1030 | — | 1227 | 200 | |
| <i>p</i> | 110 | 2461 | 1348 | 422 | — | 1210 | 193 | |
| 24.8 <i>p</i> | 111 | 2492 | 478 | 669 | — | 1221 | 192 | |
| <i>p</i> | 112 | 2480 | 547 | 960 | — | 1229 | 197 | |
| <i>p</i> | 204 | 2481 | 730 | 718 | 793 | 1217 | 197 | |
| <i>p</i> | 205 | 2482 | 957 | 982 | 1010 | 1220 | 199 | |
| <i>p</i> | 113 | 2490 | 1035 | 880 | — | 1205 | 188 | |
| | 14 | 1910 | 913 | 230 | — | 1170 | 193 | |
| | 1 | 1935 | 551 | 382 | — | 1197 | 191 | |
| | 2 | — | — | 372 | — | 1133 | 193 | |
| | 3 | — | — | 451 | — | 1177 | 199 | |
| | 4 | — | — | 553 | — | 1192 | 191 | |
| | 5 | — | — | 620 | — | 1192 | 188 | |
| | 6 | — | — | 734 | — | 1188 | 186 | |
| | 7 | — | — | 977 | — | 1183 | 178 | |
| | 8 | — | — | 1021 | — | 1189 | 158 | 505 |

MRD

windy!!!

RH 1560 - Oct 22, 1929

| | | | | | | | |
|----|------|-----|------|---|------|-----|--|
| 14 | 1910 | 915 | 172 | — | 1203 | 145 | |
| 1 | 1935 | 552 | 350 | — | 1245 | 142 | |
| 2 | — | — | 370 | — | 1190 | 154 | |
| 3 | — | — | 450 | — | 1230 | 150 | |
| 4 | — | — | 580 | — | 1255 | 152 | |
| 5 | — | — | 600 | — | 1268 | 153 | |
| 6 | — | — | 775 | — | 1259 | 154 | |
| 7 | — | — | 825 | — | 1275 | 155 | |
| 8 | — | — | 1080 | — | 1270 | 160 | |

| cl.-sk. | Defl.-sk. | Defl.-sk. | Reduced | Reduced | Magn. | 2. No. |
|---------|-----------|-----------|---------|---------|------------|--------|
| 10 17 | 752 | 764 | 739 | 751 | 7.92, 7.99 | |
| 10 07 | 881 | 882 | 813 | 814 | 8.50, 8.51 | |
| 988 | 679 | 818 | 686 | 827 | 7.70, 8.29 | |
| 10 02 | 738 | — | 736 | — | 7.92 | 541✓ |
| 10 17 | 217 | — | 214 | — | 6.07 | 536x |
| 10 27 | 630 | — | 807 | — | 8.22 | |
| 10 17 | 229 | — | 224 | — | 6.14 | |
| 10 29 | 471 | — | 465 | — | 6.65 | 699x |
| 10 32 | 763 | — | 740 | — | 7.93 | 683x |
| 10 20 | 521 | 536 | 511 | 523 | 6.89, 6.94 | |
| 10 23 | 785 | 813 | 768 | 797 | 8.06, 8.17 | |
| 10 17 | 692 | — | 680 | — | 7.67 | 523x |
| 977 | 37 | — | 38 | — | | |
| 10 06 | 191 | — | 190 | — | | |
| 940 | 179 | — | 190 | — | | |
| 978 | 252 | — | 258 | — | | |
| 10 01 | 362 | — | 362 | — | | |
| 10 04 | 432 | — | 430 | — | | |
| 10 02 | 548 | — | 547 | — | | |
| 10 05 | 599 | — | 595 | — | | |
| 10 31 | 863 | — | 835 | — | | |
| 10 58 | 27 | — | 25 | — | | |
| 11 03 | 208 | — | 189 | — | | |
| 10 36 | 216 | — | 208 | — | | |
| 10 80 | 300 | — | 278 | — | | |
| 11 03 | 428 | — | 388 | — | | |
| 11 15 | 447 | — | 403 | — | | |
| 11 05 | 621 | — | 563 | — | | |
| 11 20 | 670 | — | 600 | — | | |
| 11 10 | 920 | — | 830 | — | | |

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MRD

RH 1560 Oct 22, 1929

| Strip | Class | Star | γ | κ | Defl | Defl | Cl | Dk |
|-------|-------|------|----------|----------|------|------|------|-----|
| 25.0 | f | 206 | 2498 | 500 | 1020 | 1020 | 1285 | 160 |
| | f | 114 | 2510 | 632 | 230 | — | 1285 | 160 |
| | f | 115 | 2500 | 664 | 950 | — | 1272 | 162 |
| | f | 207 | 2500 | 1058 | 1005 | 1020 | 1289 | 152 |
| | f | 116 | 2510 | 1240 | 710 | — | 1240 | 150 |
| | f | 117 | 2510 | 1249 | 980 | — | 1255 | 155 |
| 25.2 | f | 208 | 2528 | 800 | 1045 | 1050 | 1192 | 160 |
| | f | 209 | 2520 | 919 | 1070 | 1060 | 1270 | 160 |
| | f | 118 | 2520 | 1100 | 1000 | — | 1270 | 160 |
| 25.4 | f | 210 | 2540 | 810 | 730 | 728 | 1280 | 161 |
| | f | 119 | 2542 | 1145 | 720 | — | 1290 | 163 |
| 25.6 | f | 211 | 2570 | 693 | 313 | 327 | 1280 | 159 |
| | f | 212 | 2563 | 803 | 610 | 620 | 1270 | 157 |
| | f | 213 | 2560 | 957 | 325 | 320 | 1245 | 160 |
| | f | 214 | 2569 | 1079 | 875 | 865 | 1210 | 160 |
| 25.8 | f | 120 | 2581 | 589 | 1048 | — | 1269 | 160 |
| | f | 215 | 2580 | 700 | 920 | 910 | 1259 | 160 |
| | f | 216 | 2578 | 810 | 832 | 840 | 1269 | 169 |
| | f | 217 | 2588 | 852 | 578 | 588 | 1278 | 168 |
| 26.0 | f | 121 | 2600 | 1020 | 885 | — | 1270 | 165 |
| | f | 218 | 2600 | 1111 | 920 | 900 | 1280 | 165 |
| | f | 122 | 2600 | 1153 | 864 | — | 1250 | 165 |
| 26.2 | f | 219 | 2620 | 859 | 960 | 965 | 1290 | 166 |
| | f | 123 | 2625 | 1008 | 350 | — | 1275 | 164 |
| 26.4 | f | 220 | 2648 | 820 | 360 | 360 | 1280 | 165 |
| | f | 221 | 2640 | 940 | 680 | 700 | 1270 | 164 |
| | f | 222 | 2649 | 1000 | 1020 | 1030 | 1280 | 166 |
| | f | 18 | 1910 | 915 | 210 | — | 1162 | 165 |
| | f | 1 | 1935 | 552 | 365 | — | 1240 | 160 |
| | f | 2 | — | — | 380 | — | 1190 | 170 |

| el.-sk. | Defl.-sk. | Defl.-sk. | Reduced | Reduced | Magn. | L.No. |
|---------|-----------|-----------|---------|---------|------------|------------------|
| 1126 | 860 | 860 | 837 | 837 | 8.29, 8.29 | |
| 1126 | 90 | — | 80 | — | 3.30 | 660 ^x |
| 1110 | 788 | — | 710 | — | 1.17 | 647 ^x |
| 1137 | 853 | 868 | 762 | 777 | 7.98, 8.04 | |
| 1090 | 565 | — | 515 | — | 6.91 | 464 ^x |
| 1100 | 825 | — | 750 | — | 7.94 | 462 ^x |
| 1032 | 885 | 890 | 857 | 863 | 8.38, 8.41 | |
| 1110 | 910 | 900 | 879 | 811 | 8.21, 8.17 | |
| 1110 | 840 | — | 756 | — | 7.96 | 509 ^x |
| 1119 | 569 | 567 | 508 | 507 | 6.87, 6.86 | |
| 1127 | 557 | — | 495 | — | 6.79 | 498 ^x |
| 1121 | 154 | 768 | 137 | 149 | 4.09, 4.22 | |
| 1113 | 453 | 463 | 407 | 415 | 6.36, 6.41 | |
| 1085 | 165 | 160 | 152 | 147 | 4.26, 4.21 | |
| 1058 | 715 | 705 | 681 | 671 | 7.66, 7.60 | |
| 1109 | 888 | — | 802 | — | 8.13 | 699 ^x |
| 1099 | 760 | 750 | 693 | 684 | 7.71, 7.67 | |
| 1100 | 663 | 671 | 692 | 609 | 7.29, 7.38 | |
| 1110 | 410 | 428 | 368 | 386 | 6.11, 6.23 | |
| 1105 | 720 | — | 662 | — | 7.55 | 502 ^x |
| 1115 | 755 | 735 | 678 | 662 | 7.65, 7.59 | |
| 1085 | 649 | — | 599 | — | 7.31 | 502 ^x |
| 1124 | 804 | 799 | 716 | 710 | 7.80, 7.77 | |
| 1111 | 186 | — | 167 | — | 4.46 | |
| 1115 | 695 | 195 | 175 | 175 | 4.54, 4.54 | |
| 1106 | 516 | 506 | 463 | 454 | 6.63, 6.61 | |
| 1114 | 864 | 864 | 763 | 772 | 7.98, 8.02 | |
| 977 | 45 | — | 45 | — | | |
| 1080 | 205 | — | 190 | — | | |
| 1020 | 210 | — | 206 | — | | |

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MRD RA 15 60

Oct 22, 1929

Plate finished

| trip | Class | Star | γ | χ | Defl | Defl | Θ | Dk |
|------|-------|------|----------|--------|------|------|----------|-----|
| | | 3 | — | — | 440 | — | 1230 | 165 |
| | | 4 | — | — | 570 | — | 1248 | 166 |
| | | 5 | — | — | 605 | — | 1250 | 166 |
| | | 6 | — | — | 785 | — | 1250 | 160 |
| | | 7 | — | — | 838 | — | 1250 | 160 |
| | | 8 | — | — | 1070 | — | 1230 | 160 |

| Cl. - Dk. | Defl. - Dk. | Defl. - Dk. | Reduced | Reduced | Mag | L. No. |
|-----------|-------------|-------------|---------|---------|-----|--------|
| 1065 | 275 | — | 258 | — | | |
| 1082 | 404 | — | 374 | — | | |
| 1084 | 439 | — | 405 | — | | |
| 1090 | 625 | — | 575 | — | | |
| 1090 | 678 | — | 624 | — | | |
| 1070 | 910 | — | 850 | — | | |

138

Fmc RH 1558 Oct. 22, 1929

| ship | class | star | y | x | Dye | Dye | ce | sk | wet |
|------|-------|------|------|------|------|------|------|-----|-----|
| | | 18 | 1970 | 979 | 155 | — | 1163 | 150 | |
| | | 1 | 1760 | 680 | 185 | — | 1160 | 150 | |
| | | 2 | — | — | 222 | — | 1178 | 143 | |
| | | 3 | — | — | 289 | — | 1190 | 150 | |
| | | 4 | — | — | 360 | — | 1179 | 149 | |
| | | 5 | — | — | 482 | — | 1210 | 150 | |
| | | 6 | — | — | 659 | — | 1202 | 150 | |
| | | 7 | — | — | 830 | — | 1223 | 150 | |
| | | 8 | — | — | 992 | — | 1222 | 150 | |
| 14.4 | f | 1 | 1451 | 985 | 950 | — | 1200 | 151 | |
| 14.8 | f | 2 | 1478 | 650 | 629 | — | 1163 | 151 | |
| | f | 3 | 1491 | 821 | 620 | — | 1189 | 151 | |
| | f | 1 | 1498 | 847 | 720 | 712 | 1160 | 152 | |
| | f | 4 | 1479 | 848 | 830 | — | 1182 | 160 | |
| | f | 5 | 1480 | 912 | 1050 | — | 1200 | 155 | |
| 15.0 | f | 6 | 1510 | 780 | 1000 | — | 1175 | 160 | |
| | f | 2 | 1509 | 842 | 1069 | 1100 | 1215 | 160 | |
| 15.2 | f | 3 | 1532 | 728 | 258 | 240 | 1168 | 160 | |
| | f | 7 | 1530 | 850 | 781 | — | 1180 | 163 | |
| | f | 8 | 1515 | 1118 | 839 | — | 1160 | 160 | |
| 15.4 | f | 9 | 1538 | 539 | 995 | — | 1172 | 160 | |
| | f | 10 | 1550 | 600 | 1062 | — | 1180 | 160 | |
| | f | 4 | 1550 | 951 | 720 | 735 | 1190 | 161 | |
| 15.6 | f | 11 | 1569 | 1108 | 940 | — | 1175 | 160 | |
| | f | 5 | 1563 | 1113 | 990 | 980 | 1200 | 160 | |
| | f | 12 | 1570 | 1163 | 942 | — | 1181 | 161 | |
| 15.8 | f | 13 | 1590 | 603 | 791 | — | 1170 | 160 | |
| | f | 6 | 1590 | 769 | 970 | 1004 | 1169 | 160 | |
| | f | 7 | 1598 | 873 | 869 | 850 | 1192 | 160 | |
| | f | 8 | 1588 | 913 | 1070 | 1043 | 1190 | 160 | |

| Obs. No. | Diff. Obs. | Diff. Obs. | Reduced | Reduced | Magn. | Like |
|----------|------------|------------|---------|---------|----------------------|-------|
| 1013 | 5 | — | 5 | — | | |
| 1016 | 35 | — | 34 | — | | |
| 1035 | 77 | — | 77 | — | | |
| 1040 | 139 | — | 133 | — | | |
| 1030 | 211 | — | 204 | — | | |
| 1060 | 332 | — | 313 | — | | |
| 1052 | 509 | — | 484 | — | | |
| 1073 | 680 | — | 634 | — | | |
| 1072 | 842 | — | 787 | — | | |
| 1049 | 799 | — | 759 | — | 8.19 | 1110x |
| 1012 | 478 | — | 473 | — | 7.13 | |
| 1038 | 469 | — | 452 | — | 7.05 | 1030x |
| 1068 | 568 | 560 | 561 | 553 | 7.46, 7.43 | |
| 1022 | 670 | — | 654 | — | 7.78 | 1043x |
| 1045 | 895 | — | 863 | — | off curve | |
| 1015 | 840 | — | 827 | — | off curve | |
| 1055 | 909 | 940 | 860 | 888 | off curve, off curve | |
| 1008 | 98 | 80 | 97 | 79 | 5.41, 5.21 | |
| 1017 | 618 | — | 609 | — | 7.61 | 1044x |
| 1000 | 679 | — | 679 | — | 7.87 | 1104x |
| 1012 | 835 | — | 826 | — | off curve | 3a x |
| 1020 | 902 | — | 883 | — | off curve | |
| 1029 | 569 | 574 | 571 | 555 | 7.39, 7.43 | |
| 1015 | 786 | — | 767 | — | 8.72 | 1176x |
| 1046 | 830 | 820 | 797 | 787 | off curve, 8.31 | |
| 1020 | 781 | — | 764 | — | 8.22 | 1201x |
| 1010 | 631 | — | 626 | — | 7.67 | 926x |
| 1009 | 810 | 844 | 802 | 833 | off curve, off curve | |
| 1032 | 709 | 690 | 687 | 668 | 7.89, 7.83 | |
| 1036 | 910 | 883 | 882 | 856 | off curve, off curve | |

140

Fmc R H 1558 Oct. 22, 1929

| strip | class | star | y | v | Dye | Dye | cl | sh | Volt |
|-------|-------|------|------|------|------|------|------|-----|------|
| 16.0 | f | 9 | 1611 | 869 | 570 | 573 | 1190 | 160 | |
| 16.2 | f | 10 | 1621 | 1031 | 970 | 970 | 1170 | 164 | |
| | f | 14 | 1620 | 1140 | 660 | — | 1200 | 160 | |
| 16.4 | f | 11 | 1651 | 401 | 855 | 872 | 1170 | 160 | |
| | f | 12 | 1650 | 961 | 578 | 580 | 1181 | 162 | |
| | f | 15 | 1659 | 1050 | 900 | — | 1188 | 165 | |
| 16.6 | f | 16 | 1670 | 519 | 955 | — | 1200 | 163 | |
| | f | 13 | 1659 | 935 | 1015 | 1018 | 1209 | 162 | |
| | f | 14 | 1671 | 980 | 1005 | 1015 | 1202 | 160 | |
| | f | 15 | 1678 | 1020 | 770 | 940 | 1190 | 170 | |
| | f | 16 | 1665 | 1050 | 885 | 855 | 1210 | 170 | |
| 16.8 | f | 17 | 1690 | 631 | 851 | — | 1165 | 170 | |
| | f | 18 | 1688 | 1209 | 1049 | — | 1185 | 170 | |
| | f | 17 | 1690 | 1329 | 760 | 820 | 1208 | 178 | |
| 17.0 | f | 19 | 1710 | 510 | 929 | — | 1189 | 171 | |
| | f | 18 | 1709 | 579 | 900 | 880 | 1165 | 175 | |
| | f | 19 | 1701 | 781 | 720 | 710 | 1190 | 173 | |
| | f | 20 | 1702 | 930 | 860 | — | 1180 | 180 | |
| | f | 21 | 1709 | 969 | 1058 | — | 1199 | 180 | |
| | f | 20 | 1715 | 980 | 715 | 711 | 1214 | 182 | |
| | f | 22 | 1718 | 1240 | 1025 | — | 1212 | 182 | |
| | f | 23 | 1708 | 1288 | 909 | — | 1203 | 180 | |
| | f | 21 | 1701 | 1329 | 894 | 900 | 1190 | 180 | |
| 17.2 | f | 24 | 1729 | 386 | 821 | — | 1181 | 176 | |
| | f | 25 | 1728 | 730 | 920 | — | 1207 | 181 | |
| | f | 22 | 1725 | 1010 | 529 | 512 | 1190 | 181 | |
| | f | 26 | 1730 | 1128 | 521 | — | 1182 | 180 | |
| | f | 27 | 1720 | 1150 | 711 | — | 1200 | 180 | |
| | f | 23 | 1730 | 1310 | 512 | 500 | 1175 | 180 | |
| | f | 28 | 1735 | 1328 | 939 | — | 1199 | 185 | |

| Cl. sk. | Defl. - sk. | Defl. - sk. | Reduced | Reduced | Magn. | L. No. |
|---------|-------------|-------------|---------|---------|----------------------|-------------------|
| 1030 | 410 | 413 | 397 | 399 | 6.88, 6.84 | |
| 1006 | 806 | 806 | 798 | 798 | off curve, off curve | |
| 1040 | 500 | — | 482 | — | 7.16 | 1208 _x |
| 1010 | 695 | 712 | 687 | 705 | 7.89, 7.96 | |
| 1019 | 416 | 418 | 408 | 410 | 6.87, 6.88 | |
| 1023 | 735 | — | 727 | — | 8.05 | 1166 _v |
| 1037 | 792 | — | 767 | — | 8.23 | 892 _x |
| 1047 | 853 | 856 | 812 | 812 | off curve, off curve | |
| 1042 | 845 | 855 | 811 | 820 | off curve, off curve | |
| 1020 | 600 | 570 | 588 | 559 | 7.54, 7.44 | |
| 1040 | 715 | 685 | 687 | 659 | 7.89, 7.80 | |
| 995 | 681 | — | 684 | — | 7.88 | |
| 1015 | 879 | — | 865 | — | off curve | |
| 1030 | 582 | 642 | 564 | 621 | 7.46, 7.67 | |
| 1018 | 758 | — | 745 | — | 8.13 | 880 _x |
| 990 | 725 | 705 | 733 | 713 | 8.15, 8.00 | |
| 1017 | 547 | 637 | 527 | 628 | 7.33, 7.34 | |
| 1000 | 680 | — | 680 | — | 7.87 | 1109 _v |
| 1019 | 878 | — | 880 | — | off curve | |
| 1032 | 523 | 527 | 537 | 511 | 7.26, 7.28 | |
| 1030 | 833 | — | 810 | — | off curve | |
| 1013 | 829 | — | 810 | — | off curve | 8 _x |
| 1010 | 714 | 720 | 705 | 713 | 7.96, 8.00 | |
| 1005 | 645 | — | 642 | — | 7.73 | 844 _x |
| 1026 | 737 | — | 717 | — | 8.01 | 948 _v |
| 1009 | 348 | 331 | 346 | 328 | 6.61, 6.50 | |
| 1002 | 341 | — | 340 | — | 6.57 | 1242 _v |
| 1020 | 531 | — | 520 | — | 7.31 | 1251 _v |
| 996 | 332 | 320 | 334 | 322 | 6.53, 6.49 | |
| 1014 | 754 | — | 747 | — | 8.14 | 25 |

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FMC RH 1558 Oct. 22, 1929

| Strip | class | star | y | y | Dye | Dye | cl | Ab | Vol |
|-------|-------|------|------|------|------|------|------|-----|-----|
| 17.2 | f | 29 | 1730 | 1331 | 852 | — | 1195 | 180 | |
| 17.4 | f | 24 | 1749 | 475 | 1041 | 1038 | 1198 | 180 | |
| | f | 25 | 1751 | 899 | 892 | 900 | 1210 | 190 | |
| | f | 30 | 1740 | 1120 | 841 | — | 1201 | 190 | |
| 17.6 | f | 31 | 1761 | 780 | 1062 | — | 1181 | 190 | |
| | f | 32 | 1772 | 1361 | 620 | — | 1171 | 189 | |
| 17.8 | f | 33 | 1792 | 289 | 823 | — | 1130 | 181 | |
| | f | 26 | 1797 | 371 | 958 | 911 | 1178 | 190 | |
| | f | 27 | 1780 | 375 | 1058 | 1049 | 1229 | 192 | |
| | f | 34 | 1780 | 1140 | 640 | — | 1221 | 195 | |
| | f | 28 | 1779 | 1200 | 970 | 1020 | 1220 | 198 | |
| | f | 35 | 1792 | 1285 | 977 | — | 1225 | 205 | |
| | | 18 | 1970 | 979 | 210 | — | 1210 | 199 | |
| | | 1 | 1760 | 680 | 232 | — | 1189 | 195 | |
| | | 2 | — | — | 281 | — | 1210 | 205 | |
| | | 3 | — | — | 350 | — | 1212 | 200 | |
| | | 4 | — | — | 371 | — | 1210 | 200 | |
| | | 5 | — | — | 559 | — | 1229 | 200 | |
| | | 6 | — | — | 692 | — | 1220 | 200 | |
| | | 7 | — | — | 735 | — | 1231 | 205 | |
| | | 8 | — | — | 1021 | — | 1240 | 205 | |

28p - RH 1558 - Oct 22, 1929

510

| | | | | | | |
|----|------|-----|------|---|------|-----|
| 18 | 1970 | 979 | 208 | — | 1170 | 202 |
| 1 | 1760 | 680 | 207 | — | 1181 | 201 |
| 2 | — | — | 290 | — | 1181 | 199 |
| 3 | — | — | 321 | — | 1199 | 188 |
| 4 | — | — | 361 | — | 1208 | 189 |
| 5 | — | — | 478 | — | 1189 | 183 |
| 6 | — | — | 659 | — | 1211 | 181 |
| 7 | — | — | 719 | — | 1203 | 179 |
| 8 | — | — | 1002 | — | 1193 | 188 |

| α -Sk. | Defl.-Sk. | Defl.-Sk. | Reduced | Reduced | Magn. | L.No. |
|---------------|-----------|-----------|---------|---------|----------------------|--------|
| 1015 | 672 | — | 662 | — | 781 | 23 x |
| 1018 | 861 | 858 | 847 | 841 | off curve, off curve | |
| 1020 | 702 | 730 | 689 | 717 | 7.90, 8.01 | |
| 1011 | 651 | — | 643 | — | 7.73 | 1246 v |
| 991 | 872 | — | 879 | — | off curve | 975 x |
| 982 | 431 | — | 439 | — | 6.98 | 51 x |
| 949 | 622 | — | 636 | — | 7.77 | 801 x |
| 988 | 768 | 721 | 777 | 730 | 8.27, 8.05 | |
| 1037 | 866 | 857 | 835 | 828 | off curve, off curve | |
| 1026 | 445 | — | 433 | — | 6.97 | 1279 v |
| 1022 | 772 | 822 | 767 | 805 | 8.17, off curve | |
| 1020 | 772 | — | 769 | — | 818 | |
| 1011 | 11 | — | 11 | — | | |
| 1994 | 37 | — | 37 | — | | |
| 905 | 76 | — | 84 | — | | |
| 1012 | 150 | — | 148 | — | | |
| 1010 | 171 | — | 169 | — | | |
| 1029 | 359 | — | 348 | — | | |
| 1020 | 492 | — | 481 | — | | |
| 1026 | 530 | — | 516 | — | | |
| 1035 | 716 | — | 692 | — | | |
| 928 | 06 | — | 06 | — | | |
| 960 | 36 | — | 37 | — | | |
| 982 | 71 | — | 73 | — | | |
| 1011 | 133 | — | 131 | — | | |
| 1019 | 172 | — | 169 | — | | |
| 1006 | 295 | — | 293 | — | | |
| 1030 | 478 | — | 464 | — | | |
| 1024 | 540 | — | 533 | — | | |
| 1005 | 814 | — | 807 | — | | |

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U gp-R 44 15 58 - Oct 22, 1929

| Strip Class | Star | γ | δ | Sept | Sept | Ct | Sk | Notes |
|-------------|------|----------|----------|------|------|------|-----|-------|
| 8.0 | 29 | 1810 | 330 | 293 | 289 | 1183 | 191 | |
| | 36 | 1800 | 351 | 462 | — | 1182 | 193 | |
| | 30 | 1797 | 372 | 898 | 893 | 1187 | 193 | |
| | 31 | 1809 | 386 | 1011 | 1012 | 1208 | 200 | |
| | 32 | 1804 | 652 | 227 | 220 | 1188 | 190 | |
| | 33 | 1816 | 927 | 360 | 341 | 1202 | 190 | |
| | 37 | 1810 | 973 | 484 | — | 1201 | 190 | |
| | 34 | 1804 | 1038 | 989 | 982 | 1210 | 191 | |
| | 38 | 1802 | 1121 | 927 | — | 1199 | 191 | |
| | 39 | 1800 | 1154 | 1118 | — | 1202 | 183 | |
| | 40 | 1801 | 1201 | 1062 | — | 1193 | 190 | |
| | 35 | 1800 | 1358 | 1078 | 1099 | 1187 | 190 | |
| 18.2 | 36 | 1830 | 358 | 1042 | 1051 | 1199 | 180 | |
| | 41 | 1831 | 433 | 1009 | — | 1201 | 182 | |
| | 37 | 1817 | 651 | 704 | 727 | 1201 | 191 | |
| | 38 | 1827 | 690 | 962 | 972 | 1200 | 191 | |
| | 42 | 1819 | 728 | 1010 | — | 1197 | 192 | |
| | 39 | 1821 | 862 | 972 | 992 | 1213 | 189 | |
| | 40 | 1830 | 1288 | 983 | 1013 | 1203 | 189 | |
| | 41 | 1824 | 1316 | 724 | 758 | 1206 | 189 | |
| 18.4 | 42 | 1843 | 1112 | 593 | 618 | 1183 | 182 | |
| | 43 | 1842 | 1228 | 281 | — | 1203 | 180 | |
| 18.6 | 44 | 1873 | 447 | 900 | — | 1182 | 181 | |
| | 45 | 1861 | 492 | 614 | — | 1173 | 183 | |
| | 43 | 1863 | 940 | 732 | 739 | 1183 | 180 | |
| | 44 | 1860 | 971 | 692 | 708 | 1197 | 180 | |
| | 45 | 1871 | 1383 | 780 | 740 | 1198 | 181 | |
| 18.8 | 46 | 1880 | 300 | 613 | 611 | 1213 | 181 | |
| | 46 | 1880 | 353 | 906 | — | 1207 | 181 | |
| | 47 | 1893 | 951 | 607 | 582 | 1192 | 181 | |

| cl. dk | Defl. - dk | Defl. - dk | Reduced | Reduced | Magn. | L. No |
|--------|------------|------------|---------|---------|----------------------|-----------|
| 992 | 102 | 98 | 103 | 99 | 5.47, 5.45 | |
| 989 | 569 | — | 575 | — | 809 \times | 7.43 |
| 994 | 705 | 700 | 709 | 704 | 7.91, 7.93 | |
| 1008 | 811 | 812 | 803 | 804 | 8.26, 8.27 | |
| 998 | 37 | 30 | 38 | 31 | 4.22, 4.08 | |
| 1012 | 170 | 151 | 168 | 149 | 5.89, 5.79 | |
| 1011 | 594 | — | 588 | — | 1171 \checkmark | 7.47 |
| 1019 | 798 | 791 | 784 | 779 | 8.21, 8.18 | |
| 1008 | 736 | — | 728 | — | f \checkmark | 7.98 |
| 1019 | 935 | — | 919 | — | | off curve |
| 1003 | 812 | — | 871 | — | | off curve |
| 997 | 888 | 909 | 890 | 910 | off curve, off curve | |
| 1019 | 862 | 871 | 847 | 856 | 8.42, 8.45 | |
| 1019 | 827 | — | 813 | — | | 8.31 |
| 1010 | 573 | 536 | 507 | 528 | 7.29, 7.27 | |
| 1009 | 771 | 781 | 763 | 773 | 8.12, 8.16 | |
| 1006 | 818 | — | 813 | — | | 8.31 |
| 1024 | 783 | 803 | 762 | 781 | 8.12, 8.20 | |
| 1014 | 794 | 824 | 783 | 813 | 8.21, 8.30 | |
| 1016 | 535 | 569 | 527 | 560 | 7.26, 7.37 | |
| 1001 | 411 | 436 | 410 | 435 | 6.85, 6.94 | |
| 1023 | 101 | — | 98 | — | 56 \checkmark | 5.44 |
| 1001 | 719 | — | 717 | — | 793 \times | 7.96 |
| 990 | 431 | — | 436 | — | 805 \checkmark | 6.93 |
| 1003 | 552 | 559 | 550 | 537 | 7.34, 7.37 | |
| 1017 | 512 | 528 | 508 | 524 | 7.21, 7.25 | |
| 1017 | 599 | 569 | 589 | 530 | 7.43, 7.35 | |
| 1032 | 432 | 430 | 418 | 416 | 6.87, 6.86 | |
| 1026 | 725 | — | 704 | — | k \times | 7.91 |
| 1011 | 426 | 421 | 421 | 417 | 6.90, 6.87 | |

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| | Trip | Class | Star | γ | δ | Defl | Defl | Cl | Slk | Net |
|------|------|-------|------|----------|----------|------|------|------|-----|-----|
| | | p | 47 | 1881 | 1156 | 665 | — | 1199 | 182 | |
| | | p | 48 | 1891 | 1282 | 491 | 484 | 1230 | 181 | |
| | | p | 48 | 1880 | 1340 | 981 | — | 1210 | 182 | |
| 19.0 | | p | 49 | 1910 | 489 | 453 | 470 | 1178 | 178 | |
| | | p | 50 | 1904 | 1367 | 900 | 898 | 1201 | 184 | |
| 19.2 | | p | 51 | 1920 | 347 | 1051 | 1112 | 1187 | 183 | |
| | | p | 52 | 1919 | 449 | 869 | 871 | 1172 | 180 | |
| | | p | 53 | 1924 | 803 | 1052 | 1132 | 1198 | 191 | |
| | | p | 54 | 1920 | 838 | 961 | 1011 | 1198 | 194 | |
| | | p | 49 | 1919 | 841 | 850 | — | 1210 | 186 | |
| | | p | 55 | 1921 | 899 | 1058 | 1061 | 1188 | 183 | |
| | | p | 56 | 1922 | 1155 | 1099 | 1094 | 1181 | 182 | |
| | | p | 50 | 1930 | 1189 | 983 | — | 1192 | 188 | |
| 19.4 | | p | 51 | 1942 | 356 | 990 | — | 1194 | 181 | |
| | | p | 52 | 1941 | 463 | 990 | — | 1204 | 178 | |
| | | p | 53 | 1952 | 499 | 982 | — | 1182 | 172 | |
| | | p | 54 | 1950 | 639 | 983 | — | 1180 | 167 | |
| | | p | 57 | 1940 | 800 | 519 | 506 | 1162 | 167 | |
| | | p | 58 | 1945 | 1259 | 940 | 989 | 1171 | 170 | |
| | | p | 59 | 1943 | 1279 | 348 | 344 | 1163 | 170 | |
| | | p | 60 | 1951 | 1291 | 241 | 245 | 1178 | 167 | |
| | | p | 55 | 1940 | 1300 | 860 | — | 1199 | 169 | |
| | | p | 61 | 1951 | 1360 | 651 | 660 | 1203 | 170 | |
| 19.6 | | p | 56 | 1941 | 657 | 960 | — | 1180 | 170 | |
| | | p | 62 | 1969 | 1089 | 1108 | 1089 | 1190 | 172 | |
| | | p | 63 | 1969 | 1117 | 903 | 899 | 1200 | 180 | |
| 19.8 | | p | 64 | 1982 | 246 | 412 | 403 | 1198 | 179 | |
| | | p | 57 | 1982 | 540 | 912 | — | 1181 | 170 | |
| | | p | 65 | 1988 | 599 | 1007 | 1040 | 1193 | 170 | |
| | | p | 66 | 1980 | 654 | 1074 | 1070 | 1180 | 170 | |

| Cl. - Dr. | Dipl. - Dr. | Depl. - Dr. | Reduced | Reduced | Mag. | L. No. |
|-----------|-------------|-------------|---------|---------|----------------------|-------------------------|
| 1017 | 483 | — | 485 | — | 7.13 | 62 \checkmark |
| 1044 | 310 | 306 | 294 | 291 | 6.43, 6.41 | |
| 1028 | 799 | — | 775 | — | 8.17 | 90 \times |
| 1000 | 575 | 592 | 572 | 592 | 7.42, 7.49 | |
| 1017 | 716 | 714 | 705 | 703 | 7.91, 7.89 | |
| 1004 | 668 | 929 | 861 | 902 | 8.46, off curve | |
| 992 | 689 | 691 | 694 | 697 | 7.87, 7.88 | |
| 1007 | 861 | 941 | 853 | 931 | 8.43, off curve | |
| 1004 | 767 | 817 | 763 | 812 | 8.12, 8.31 | |
| 1024 | 664 | — | 647 | — | 7.69 | 2 \checkmark \times |
| 1005 | 875 | 878 | 868 | 871 | off curve, off curve | |
| 999 | 917 | 912 | 918 | 913 | off curve, off curve | |
| 1004 | 795 | — | 789 | — | 8.21 | 958 \times |
| 1013 | 809 | — | 800 | — | 8.25 | 764 \times |
| 1036 | 812 | — | 789 | — | 8.21 | \downarrow |
| 1010 | 810 | — | 803 | — | 8.26 | |
| 1013 | 816 | — | 807 | — | 8.27 | 778 \times |
| 995 | 352 | 339 | 354 | 342 | 6.63, 6.60 | |
| 1001 | 770 | 819 | 769 | 817 | 8.13, 8.31 | |
| 993 | 178 | 174 | 169 | 177 | 5.88, 5.94 | |
| 1011 | 104 | 108 | 103 | 107 | 5.49, 5.51 | |
| 1030 | 691 | — | 671 | — | 7.80 | 118 \checkmark |
| 1033 | 481 | 496 | 468 | 477 | 7.05, 7.08 | |
| 1010 | 790 | — | 782 | — | 8.21 | 765 \checkmark |
| 1018 | 936 | 917 | 918 | 900 | off curve, off curve | |
| 1020 | 723 | 719 | 710 | 704 | 7.93, 7.90 | |
| 1019 | 533 | 524 | 522 | 513 | 7.24, 7.23 | |
| 1011 | 742 | — | 734 | — | 8.02 | 748 \checkmark |
| 1023 | 837 | 870 | 817 | 849 | 8.31, 8.42 | |
| 1010 | 904 | 900 | 897 | 892 | off curve, off curve | |

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NGP-RH 1558 - Oct 22, 1929

| Strip | Class | Star | Year | B | Sept | Sept | Oct | Oct | Notes |
|--------------|-------|------|------|------|------|------|------|-----|-------|
| f | | 67 | 1988 | 668 | 437 | 779 | 1181 | 177 | |
| f | | 68 | 1973 | 710 | 977 | 940 | 1198 | 172 | |
| p | | 58 | 1989 | 1297 | 875 | — | 1205 | 183 | |
| f | | 69 | 1978 | 1413 | 1012 | 1028 | 1188 | 173 | |
| | | 10 | 1970 | 979 | 180 | — | 1093 | 171 | |
| | | 1 | 1760 | 680 | 210 | — | 1170 | 176 | |
| | | 2 | — | — | 242 | — | 1182 | 181 | |
| | | 3 | — | — | 307 | — | 1168 | 173 | |
| | | 4 | — | — | 339 | — | 1193 | 171 | |
| | | 5 | — | — | 449 | — | 1169 | 177 | |
| | | 6 | — | — | 662 | — | 1195 | 172 | |
| | | 7 | — | — | 701 | — | 1187 | 170 | |
| | | 8 | — | — | 990 | — | 1190 | 170 | 500 |
| JMC | | | | | | | | | |
| RH 1558 | | | | | | | | | |
| Oct. 23, '29 | | | | | | | | | |
| | | 10 | 1970 | 1900 | 160 | — | 1060 | 151 | |
| | | 1 | 1760 | 703 | 213 | — | 1062 | 152 | |
| | | 2 | — | — | 230 | — | 1085 | 159 | |
| | | 3 | — | — | 310 | — | 1101 | 159 | |
| | | 4 | — | — | 385 | — | 1095 | 160 | |
| | | 5 | — | — | 470 | — | 1135 | 160 | |
| | | 6 | — | — | 682 | — | 1145 | 160 | |
| | | 7 | — | — | 740 | — | 1150 | 161 | |
| | | 8 | — | — | 980 | — | 1142 | 160 | |
| 20.0 | f | 70 | 2019 | 790 | 760 | 768 | 1150 | 165 | |
| | f | 71 | 2003 | 1130 | 995 | 974 | 1169 | 169 | |
| | f | 59 | 2005 | 1202 | 911 | — | 1190 | 170 | |
| | f | 72 | 2001 | 1405 | 999 | 1040 | 1182 | 170 | |
| 20.2 | f | 73 | 2039 | 529 | 463 | 460 | 1159 | 170 | |
| | f | 74 | 2020 | 992 | 818 | 825 | 1160 | 170 | |
| 20.4 | f | 75 | 2050 | 382 | 947 | 960 | 1159 | 170 | |
| | f | 76 | 2050 | 743 | 922 | 910 | 1159 | 170 | |

| Cl.-dk. | Dpl.-dk. | Defl.-dk. | Reduced | Reduced | Magn. | L.No. |
|---------|----------|-----------|---------|---------|-----------------|-------|
| 1004 | 560 | 602 | 557 | 661 | 7.38, 7.52 | |
| 1026 | 805 | 768 | 788 | 753 | 8.21, 8.12 | |
| 1022 | 692 | — | 677 | — | <i>b</i> v | 7.83 |
| 1015 | 839 | 855 | 827 | 844 | 8.36, 8.41 | |
| 922 | 09 | — | 10 | — | | |
| 994 | 34 | — | 34 | — | | |
| 1001 | 91 | — | 91 | — | | |
| 995 | 134 | — | 135 | — | | |
| 1022 | 168 | — | 164 | — | | |
| 992 | 272 | — | 274 | — | | |
| 1023 | 490 | — | 478 | — | | |
| 1017 | 531 | — | 523 | — | | |
| 1020 | 820 | — | 803 | — | | |
| 909 | 09 | — | 10 | — | | |
| 910 | 61 | — | 67 | — | | |
| 926 | 71 | — | 77 | — | | |
| 942 | 151 | — | 160 | — | | |
| 935 | 225 | — | 241 | — | | |
| 975 | 310 | — | 318 | — | | |
| 985 | 522 | — | 530 | — | | |
| 989 | 579 | — | 586 | — | | |
| 982 | 820 | — | 884 | — | | |
| 985 | 595 | 603 | 603 | 611 | 7.36, 7.40 | |
| 1000 | 826 | 805 | 826 | 805 | 8.26, 8.16 | |
| 1020 | 741 | — | 729 | — | <i>b</i> v | 7.87 |
| 1012 | 829 | 870 | 820 | 861 | 8.23, off curve | |
| 989 | 293 | 290 | 296 | 293 | 6.19, 6.17 | |
| 990 | 648 | 655 | 655 | 663 | 7.56, 7.60 | |
| 989 | 777 | 790 | 786 | 799 | 8.07, 8.14 | |
| 989 | 752 | 740 | 760 | 747 | 7.90, 7.94 | |

fmc R H 1558 Oct. 23, 1929

| step | class | star | y | x | D _{eff} | D _{eff} | cl | rk | oact |
|------|-------|------|------|------|------------------|------------------|------|-----|------|
| 20.4 | f | 77 | 2051 | 752 | 618 | 582 | 1150 | 170 | |
| | f | 78 | 2059 | 753 | 960 | 950 | 1140 | 170 | |
| | f | 79 | 2039 | 879 | 550 | 540 | 1139 | 170 | |
| | f | 80 | 2040 | 1018 | 580 | 570 | 1141 | 170 | |
| | f | 81 | 2039 | 1130 | 930 | 900 | 1155 | 170 | |
| 20.6 | f | 60 | 2059 | 550 | 925 | — | 1168 | 170 | |
| | f | 82 | 2061 | 970 | 720 | 718 | 1155 | 170 | |
| | f | 83 | 2069 | 1092 | 1039 | 1001 | 1158 | 170 | |
| 20.8 | f | 84 | 2080 | 635 | 1040 | 1051 | 1151 | 170 | |
| | f | 85 | 2091 | 817 | 601 | 609 | 1145 | 170 | |
| | f | 86 | 2090 | 937 | 720 | 701 | 1155 | 170 | |
| | f | 87 | 2080 | 949 | 991 | 970 | 1169 | 170 | |
| | p | 61 | 2092 | 1218 | 445 | — | 1172 | 170 | |
| | p | 62 | 2081 | 1389 | 470 | — | 1183 | 171 | |
| 21.0 | p | 63 | 2099 | 761 | 605 | — | 1144 | 171 | |
| | p | 64 | 2102 | 909 | 715 | — | 1169 | 169 | |
| | f | 88 | 2100 | 970 | 430 | 432 | 1151 | 168 | |
| | f | 89 | 2109 | 1237 | 801 | 810 | 1197 | 172 | |
| | f | 90 | 2111 | 1308 | 909 | 910 | 1175 | 175 | |
| | f | 91 | 2115 | 1330 | 889 | 891 | 1151 | 178 | |
| 21.2 | f | 65 | 2138 | 288 | 725 | — | 1153 | 179 | |
| | f | 92 | 2132 | 302 | 861 | 850 | 1165 | 180 | |
| | f | 93 | 2135 | 413 | 611 | 610 | 1167 | 180 | |
| | p | 66 | 2139 | 591 | 970 | — | 1177 | 190 | |
| | f | 94 | 2128 | 810 | 789 | 785 | 1170 | 182 | |
| | f | 95 | 2122 | 817 | 595 | 580 | 1155 | 180 | |
| | f | 96 | 2130 | 1361 | 970 | 966 | 1200 | 184 | |
| | f | 97 | 2131 | 1450 | 620 | 640 | 1175 | 180 | |
| 21.4 | p | 67 | 2148 | 482 | 870 | — | 1180 | 180 | |
| | p | 68 | 2139 | 592 | 970 | — | 1160 | 179 | |

| Ce. - Dk. | Defl. - Dk. | Defl. - Dk. | Reduced | Reduced | Magn. | L. No. |
|-----------|-------------|-------------|---------|---------|----------------------|--------------------|
| 980 | 448 | 412 | 456 | 419 | 6.76, 6.10 | |
| 970 | 790 | 780 | 814 | 804 | 8.23, 8.17 | |
| 964 | 380 | 370 | 398 | 384 | 6.52, 6.49 | |
| 971 | 410 | 400 | 423 | 413 | 6.63, 6.59 | |
| 985 | 760 | 731 | 772 | 742 | 8.04, 7.92 | |
| 998 | 955 | — | 764 | — | 8.01 | 713v |
| 985 | 550 | 548 | 558 | 556 | 7.18, 7.16 | |
| 988 | 869 | 831 | 877 | 840 | off curve, 8.39 | |
| 981 | 876 | 881 | 886 | 897 | off curve, off curve | |
| 975 | 431 | 439 | 444 | 450 | 6.72, 6.75 | |
| 985 | 550 | 531 | 558 | 539 | 7.17, 7.11 | |
| 999 | 821 | 800 | 823 | 801 | 8.24, 8.15 | |
| 1002 | 275 | — | 273 | — | 6.12 | 205x |
| 1012 | 299 | — | 296 | — | 6.20 | 183x |
| 973 | 424 | — | 447 | — | 6.72 | 627v |
| 1000 | 546 | — | 546 | — | 7.15 | no 6 sequence star |
| 983 | 262 | 264 | 266 | 268 | 6.09, 6.11 | |
| 1025 | 629 | 638 | 612 | 621 | 7.40, 7.43 | |
| 1000 | 734 | 735 | 734 | 735 | 7.89, 7.90 | |
| 973 | 771 | 713 | 732 | 732 | 7.88, 7.88 | |
| 974 | 546 | — | 560 | — | 7.20 | 699x |
| 985 | 681 | 670 | 691 | 669 | 7.73, 7.61 | |
| 987 | 431 | 430 | 426 | 425 | 6.64, 6.63 | |
| 987 | 780 | — | 791 | — | 8.11 | 664x |
| 988 | 607 | 603 | 613 | 610 | 7.40, 7.38 | |
| 975 | 475 | 400 | 426 | 410 | 6.64, 6.57 | |
| 1016 | 786 | 782 | 773 | 771 | 8.04, 8.03 | |
| 995 | 440 | 460 | 442 | 463 | 6.71, 6.80 | |
| 1000 | 690 | — | 690 | — | 7.71 | 679v |
| 981 | 791 | — | 806 | — | 8.08 | 664x |

FMC AH 1558 Oct. 23, 1929

| Step | class | star | y | x | D _{eff} | D _{eff} | cl | D _{cl} | U _{cl} |
|--------------------|-------|------|------|------|------------------|------------------|------|-----------------|-----------------|
| 2.4 | b | 69 | 2150 | 721 | 921 | — | 1150 | 181 | |
| | b | 70 | 2140 | 789 | 803 | — | 1170 | 180 | |
| | b | 98 | 2151 | 909 | 980 | 1000 | 1152 | 180 | |
| | b | 99 | 2150 | 980 | 1074 | 1055 | 1184 | 181 | |
| | b | 100 | 2150 | 1011 | 1080 | 1040 | 1158 | 180 | |
| | b | 71 | 2150 | 1390 | 1030 | — | 1160 | 180 | |
| 21.6 | b | 101 | 2159 | 932 | 887 | 890 | 1167 | 180 | |
| | b | 72 | 2170 | 350 | 940 | — | 1170 | 180 | |
| | b | 73 | 2169 | 408 | 962 | — | 1170 | 180 | |
| | b | 74 | 2178 | 600 | 829 | — | 1159 | 180 | |
| | b | 75 | 2162 | 669 | 612 | — | 1174 | 180 | |
| | b | 102 | 2170 | 689 | 952 | 960 | 1170 | 180 | |
| | b | 103 | 2177 | 843 | 951 | 978 | 1168 | 180 | |
| | b | 76 | 2173 | 1291 | 613 | — | 1161 | 181 | |
| | b | 104 | 2170 | 1350 | 565 | 570 | 1160 | 180 | |
| | b | 105 | 2170 | 1378 | 818 | 800 | 1170 | 180 | |
| | b | 106 | 2165 | 1380 | 672 | 698 | 1169 | 180 | |
| | | 18 | 1970 | 1000 | 191 | — | 1131 | 180 | |
| | | 1 | 1760 | 703 | 260 | — | 1108 | 180 | |
| | | 2 | — | — | 260 | — | 1151 | 185 | |
| | | 3 | — | — | 331 | — | 1150 | 185 | |
| | | 4 | — | — | 435 | — | 1139 | 190 | |
| | | 5 | — | — | 560 | — | 1159 | 190 | |
| | | 6 | — | — | 709 | — | 1165 | 190 | |
| | | 7 | — | — | 759 | — | 1170 | 200 | |
| | | 8 | — | — | 990 | — | 1150 | 195 | 5.00 |
| Cont. in 71, f. 52 | | | | | | | | | |

| Q.-Dk. | Defl. Dk. | Defl.-Dk. | Reduced | Reduced | magn. | Ln. No. |
|--------|-----------|-----------|---------|---------|----------------------|---------|
| 969 | 740 | — | 749 | — | 7.95 | 601✓ |
| 990 | 623 | — | 636 | — | 7.45 | |
| 972 | 800 | 820 | 824 | 843 | 8.26, 8.34 | |
| 1003 | 893 | 874 | 887 | 868 | off curve, off curve | |
| 978 | 900 | 880 | 923 | 883 | off curve, off curve | |
| 980 | 850 | — | 867 | — | off curve | |
| 987 | 707 | 710 | 717 | 720 | 7.82, 7.84 | |
| 990 | 760 | — | 767 | — | 8.01 | 683x |
| 990 | 782 | — | 790 | — | 8.10 | 681x |
| 979 | 649 | — | 661 | — | 7.59 | 642✓ |
| 994 | 432 | — | 436 | — | 6.67 | 625✓ |
| 990 | 772 | 780 | 780 | 788 | 8.16, 8.08 | |
| 988 | 771 | 798 | 781 | 809 | 8.07, 8.19 | |
| 980 | 432 | — | 440 | — | 6.70 | 240✓ |
| 980 | 385 | 390 | 393 | 397 | 6.52, 6.54 | |
| 990 | 638 | 620 | 643 | 626 | 7.51, 7.44 | |
| 989 | 492 | 518 | 498 | 524 | 6.94, 7.05 | |
| 951 | 11 | — | 12 | — | | |
| 928 | 80 | — | 86 | — | | |
| 966 | 75 | — | 78 | — | | |
| 965 | 146 | — | 157 | — | | |
| 949 | 245 | — | 257 | — | | |
| 969 | 370 | — | 383 | — | | |
| 975 | 519 | — | 632 | — | | |
| 950 | 559 | — | 588 | — | | |
| 955 | 795 | — | 832 | — | | |

154

228P - R 74 1573 - Nov 5, 1979
Com Bl 71 P. 130

| Ship | Class | Star | y | b | Defl | Defl | Cl | Sk | Volts |
|------|-------|------|------|------|------|------|------|-----|-------|
| | | 10 | 1964 | 984 | 149 | — | 1167 | 140 | 515 |
| | | 1 | 1752 | 690 | 178 | — | 1211 | 140 | |
| | | 2 | — | — | 230 | — | 1247 | 133 | |
| | | 3 | — | — | 299 | — | 1226 | 137 | |
| | | 4 | — | — | 349 | — | 1227 | 139 | |
| | | 5 | — | — | 447 | — | 1238 | 139 | |
| | | 6 | — | — | 658 | — | 1240 | 141 | |
| | | 7 | — | — | 749 | — | 1249 | 143 | |
| | | 8 | — | — | 998 | — | 1250 | 139 | |
| 21.2 | p | 56 | 2130 | 272 | 611 | — | 1260 | 139 | |
| | p | 82 | 2120 | 497 | 1170 | 1150 | 1240 | 140 | |
| | p | 83 | 2121 | 553 | 1170 | 1170 | 1262 | 142 | |
| | p | 57 | 2130 | 579 | 1009 | — | 1270 | 140 | |
| | p | 84 | 2120 | 733 | 1173 | 1153 | 1250 | 147 | |
| | p | 85 | 2132 | 891 | 1070 | 1052 | 1249 | 148 | |
| | p | 86 | 2130 | 963 | 1140 | 1121 | 1252 | 143 | |
| | p | 87 | 2131 | 996 | 1149 | 1120 | 1280 | 148 | |
| 21.4 | p | 58 | 2140 | 469 | 878 | — | 1287 | 147 | |
| | p | 88 | 2138 | 505 | 1000 | 1048 | 1288 | 147 | |
| | p | 89 | 2138 | 510 | 877 | 869 | 1280 | 143 | |
| | p | 90 | 2150 | 671 | 983 | 1031 | 1258 | 147 | |
| | p | 59 | 2142 | 707 | 923 | — | 1269 | 147 | |
| | p | 91 | 2151 | 1333 | 578 | 588 | 1269 | 149 | |
| | p | 92 | 2151 | 1360 | 890 | 891 | 1290 | 147 | |
| | p | 93 | 2149 | 1363 | 759 | 769 | 1260 | 150 | |
| 21.6 | p | 60 | 2160 | 392 | 961 | — | 1282 | 150 | |
| | p | 94 | 2172 | 481 | 1060 | 1064 | 1274 | 143 | |
| | p | 61 | 2170 | 583 | 763 | — | 1263 | 140 | |
| | p | 62 | 2159 | 653 | 561 | — | 1250 | 140 | |
| | p | 95 | 2158 | 829 | 1012 | 1040 | 1248 | 137 | |

| Cl - Dk. | Depl - Dk. | Depl - Dk. | Reduced | Reduced | Magn. | L. No. |
|----------|------------|------------|---------|---------|----------------------|--------|
| 1027 | 9 | — | 9 | — | | |
| 1071 | 38 | — | 35 | — | | |
| 1114 | 097 | — | 87 | — | | |
| 1089 | 162 | — | 107 | — | | |
| 1088 | 210 | — | 193 | — | | |
| 1099 | 308 | — | 281 | — | | |
| 1099 | 517 | — | 371 | — | | |
| 1106 | 606 | — | 547 | — | | |
| 1111 | 859 | — | 772 | — | | |
| 1121 | 472 | — | 420 | — | 6.87 | 699x |
| 1100 | 1030 | 1010 | 938 | 920 | off curve, off curve | |
| 1126 | 1028 | 1028 | 918 | 918 | off curve, off curve | |
| 1136 | 869 | — | 767 | — | 8.32 | 664x |
| 1103 | 1026 | 1006 | 930 | 912 | off curve, off curve | |
| 1101 | 922 | 904 | 837 | 820 | off curve, off curve | |
| 1109 | 997 | 978 | 898 | 880 | off curve, off curve | |
| 1132 | 1001 | 972 | 885 | 860 | off curve, off curve | |
| 1140 | 731 | — | 642 | — | 7.73 | 679v |
| 1141 | 853 | 901 | 745 | 788 | 8.20, 8.42 | |
| 1137 | 734 | 726 | 647 | 639 | 7.74, 7.70 | |
| 1111 | 836 | 884 | 752 | 797 | 8.23, 8.46 | |
| 1122 | 776 | — | 689 | — | 7.92 | 601v |
| 1120 | 429 | 439 | 383 | 393 | 6.73, 6.78 | |
| 1143 | 743 | 744 | 651 | 652 | 7.76, 7.77 | |
| 1110 | 609 | 619 | 578 | 557 | 7.34, 7.38 | |
| 1132 | 811 | — | 717 | — | 5.06 | 681x |
| 1131 | 919 | 924 | 810 | 818 | off curve, off curve | |
| 1123 | 623 | — | 552 | — | 7.36 | 642v |
| 1110 | 421 | — | 380 | — | 6.73 | 625v |
| 1111 | 875 | 903 | 787 | 811 | 8.43, off curve | |

218P-R # 1573 - Nov 5, 1929

| trip | Class | Star | y | b | Sept | Sept | VL | Dk | Notes |
|------|-------|------|------|------|------|------|------|-----|-------|
| | | 96 | 2168 | 1239 | 809 | 787 | 1249 | 135 | |
| | | 63 | 2170 | 1248 | 600 | — | 1261 | 130 | |
| 21.8 | | 97 | 2190 | 747 | 893 | 890 | 1278 | 140 | |
| | | 98 | 2197 | 790 | 441 | 800 | 1261 | 132 | |
| | | 99 | 2181 | 923 | 1111 | 1089 | 1260 | 137 | |
| | | 100 | 2190 | 1169 | 748 | 857 | 1289 | 138 | |
| | | 64 | 2191 | 1173 | 940 | — | 1270 | 131 | |
| | | 65 | 2189 | 1249 | 1107 | — | 1297 | 131 | |
| | | 101 | 2180 | 1291 | 1043 | 1061 | 1273 | 131 | |
| | | 102 | 2190 | 1352 | 1160 | 1140 | 1260 | 128 | |
| 22.0 | | 103 | 2200 | 570 | 1027 | 1078 | 1269 | 137 | |
| | | 104 | 2201 | 857 | 352 | 320 | 1272 | 139 | |
| | | 105 | 2200 | 960 | 1025 | 1029 | 1270 | 130 | |
| 22.2 | | 106 | 2220 | 582 | 993 | 991 | 1250 | 137 | |
| | | 66 | 2220 | 602 | 543 | — | 1250 | 131 | |
| | | 107 | 2226 | 700 | 1091 | 1102 | 1257 | 138 | |
| | | 67 | 2230 | 989 | 532 | — | 1248 | 135 | |
| | | 108 | 2217 | 1179 | 1155 | 1128 | 1283 | 130 | |
| | | 68 | 2221 | 1190 | 542 | — | 1265 | 129 | |
| | | 109 | 2226 | 1248 | 1173 | 1071 | 1260 | 129 | |
| | | 110 | 2222 | 1261 | 1030 | 1067 | 1241 | 131 | |
| | | 111 | 2229 | 1412 | 1072 | 1063 | 1251 | 122 | |
| 22.4 | | 69 | 2240 | 330 | 1013 | — | 1229 | 133 | |
| | | 112 | 2241 | 341 | 1127 | 1160 | 1261 | 130 | |
| | | 70 | 2248 | 381 | 216 | — | 1253 | 130 | |
| | | 113 | 2249 | 750 | 1097 | 1078 | 1248 | 140 | |
| | | 114 | 2240 | 798 | 1033 | 1012 | 1253 | 147 | |
| | | 71 | 2241 | 832 | 1066 | — | 1253 | 141 | |
| | | 115 | 2250 | 853 | 1059 | 1064 | 1251 | 142 | |
| | | 116 | 2240 | 903 | 1060 | 1012 | 1251 | 149 | |

| Cl.-Sk. | Defl.-Sk. | Defl.-Sk. | Reduced | Reduced | magn. | h. No. |
|---------|-----------|-----------|---------|---------|----------------------|--------|
| 1114 | 674 | 652 | 605 | 585 | 7.57, 7.48 | |
| 1131 | 470 | — | 416 | — | 6.85 | 240x |
| 1138 | 763 | 760 | 661 | 658 | 7.80, 7.78 | |
| 1129 | 609 | 668 | 540 | 591 | 7.31, 7.51 | |
| 1123 | 974 | 962 | 866 | 845 | off curve, off curve | |
| 1157 | 610 | 719 | 530 | 624 | 7.26, 7.65 | |
| 1139 | 809 | — | 708 | — | 8.01 | 274x |
| 1166 | 976 | — | 834 | — | off curve | |
| 1142 | 912 | 930 | 800 | 813 | off curve, off curve | |
| 1132 | 1032 | 1012 | 918 | 898 | off curve, off curve | |
| 1132 | 890 | 941 | 787 | 830 | 8.40, off curve | |
| 1133 | 213 | 181 | 184 | 161 | 5.95, 6.83 | |
| 1140 | 895 | 899 | 784 | 787 | 8.42, 8.44 | |
| 1113 | 856 | 864 | 767 | 765 | 8.32, 8.30 | |
| 1119 | 412 | — | 368 | — | 6.69 | 606v |
| 1119 | 953 | 964 | 851 | 862 | off curve, off curve | |
| 1113 | 397 | — | 356 | — | 6.66 | 376v |
| 1153 | 1025 | 998 | 891 | 864 | off curve, off curve | |
| 1136 | 413 | — | 364 | — | 6.68 | 279v |
| 1131 | 1044 | 942 | 923 | 835 | off curve, off curve | |
| 1110 | 899 | 936 | 810 | 843 | off curve, off curve | |
| 1129 | 950 | 941 | 841 | 833 | off curve, off curve | |
| 1096 | 880 | — | 803 | — | off curve | |
| 1131 | 992 | 1030 | 877 | 906 | off curve, off curve | |
| 1123 | 86 | — | 76 | — | 5.86 | 660x |
| 1108 | 957 | 938 | 861 | 844 | off curve, off curve | |
| 1106 | 886 | 865 | 801 | 782 | off curve, 8.41 | |
| 1112 | 925 | — | 832 | — | off curve | 496x |
| 1109 | 917 | 922 | 826 | 831 | off curve, off curve | |
| 1102 | 911 | 863 | 826 | 782 | off curve, 8.43 | |

249P-RH 1573 - Nov. 5, 1929

| Strip | Class | Star | γ | δ | Defl | Defl | Cl | Dk | Notes |
|-------|-------|------|----------|----------|------|------|------|-----|-------|
| | | 117 | 2242 | 970 | 999 | 920 | 1250 | 132 | |
| Sp | | 72 | 2240 | 1057 | 807 | — | 1251 | 129 | |
| Sp | | 118 | 2251 | 1073 | 579 | 579 | 1213 | 123 | |
| Sp | | 119 | 2240 | 1101 | 860 | 869 | 1253 | 130 | |
| Sp | | 73 | 2255 | 1196 | 500 | — | 1251 | 120 | |
| P | | 74 | 2241 | 1302 | 850 | — | 1267 | 121 | |
| Sp | | 120 | 2250 | 1312 | 1040 | 1120 | 1250 | 122 | |
| Sp | | 121 | 2251 | 1321 | 1156 | 1150 | 1252 | 118 | |
| | | 10 | 1967 | 984 | 132 | — | 1210 | 127 | |
| | | 1 | 1752 | 690 | 172 | — | 1243 | 122 | |
| | | 2 | — | — | 219 | — | 1270 | 121 | |
| | | 3 | — | — | 297 | — | 1249 | 123 | |
| | | 4 | — | — | 330 | — | 1250 | 124 | |
| | | 5 | — | — | 367 | — | 1220 | 127 | |
| | | 6 | — | — | 642 | — | 1248 | 121 | |
| | | 7 | — | — | 706 | — | 1250 | 122 | |
| | | 8 | — | — | 970 | — | 1251 | 120 | 570 |

| cl.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|----------------------|------------------|
| 11 18 | 867 | 788 | 775 | 693 | 8.36, 7.93 | |
| 11 22 | 678 | — | 602 | — | 7.55 | 338 ^v |
| 1090 | 466 | 456 | 418 | 418 | 6.86, 6.86 | |
| 11 23 | 730 | 739 | 649 | 657 | 7.74, 7.78 | |
| 11 31 | 380 | — | 337 | — | 6.59 | 294 ^v |
| 11 46 | 729 | — | 636 | — | 7.70 | 264 ^x |
| 11 28 | 918 | 998 | 813 | 884 | off curve, off curve | |
| 11 34 | 1038 | 1032 | 914 | 910 | off curve, off curve | |
| 1083 | 05 | — | 05 | — | | |
| 11 21 | 50 | — | 44 | — | | |
| 11 49 | 98 | — | 85 | — | | |
| 11 26 | 174 | — | 155 | — | | |
| 11 23 | 203 | — | 181 | — | | |
| 1093 | 240 | — | 219 | — | | |
| 11 27 | 521 | — | 463 | — | | |
| 11 28 | 584 | — | 571 | — | | |
| 11 31 | 850 | — | 751 | — | | |

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MNRD RH 1573, Nov. 6, 1929

| Strip | Class | Star | γ | α | Defl | Defl | Cl | Dk |
|-------|-------|------|----------|----------|------|------|------|-----|
| | | 15 | 19 67 | 962 | 63 | — | 1149 | 058 |
| | | 1 | 1752 | 664 | 100 | — | 1240 | 062 |
| | | 2 | — | — | 165 | — | 1265 | 062 |
| | | 3 | — | — | 238 | — | 1245 | 062 |
| | | 4 | — | — | 268 | — | 1242 | 062 |
| | | 5 | — | — | 400 | — | 1210 | 068 |
| | | 6 | — | — | 615 | — | 1248 | 070 |
| | | 7 | — | — | 680 | — | 1252 | 073 |
| | | 8 | — | — | 970 | — | 1265 | 075 |
| 22.6 | p | 75 | 22 60 | 390 | 880 | — | 1260 | 079 |
| | f | 122 | 22 69 | 790 | 765 | 800 | 1230 | 085 |
| | p | 76 | 22 59 | 1360 | 968 | — | 1275 | 087 |
| 22.8 | f | 123 | 22 90 | 520 | 540 | 555 | 1233 | 090 |
| | p | 77 | 22 80 | 645 | 725 | — | 1250 | 090 |
| 23.0 | f | 124 | 23 02 | 551 | 910 | 910 | 1260 | 090 |
| | f | 125 | 23 07 | 807 | 410 | 407 | 1240 | 088 |
| | f | 126 | 23 08 | 1052 | 925 | 910 | 1263 | 092 |
| | p | 78 | 23 10 | 1178 | 770 | — | 1235 | 092 |
| | f | 127 | 23 00 | 1265 | 960 | 930 | 1265 | 090 |
| 23.2 | f | 128 | 23 20 | 348 | 910 | 890 | 1250 | 088 |
| | p | 79 | 23 20 | 560 | 947 | — | 1250 | 088 |
| | f | 129 | 23 30 | 860 | 750 | 753 | 1260 | 090 |
| | f | 130 | 23 35 | 965 | 1000 | 1000 | 1263 | 100 |
| | f | 131 | 23 30 | 1153 | 755 | 770 | 1220 | 101 |
| | f | 132 | 23 22 | 1170 | 360 | 350 | 1258 | 100 |
| 23.4 | f | 133 | 23 49 | 6120 | 460 | 460 | 1230 | 98 |
| | f | 134 | 23 49 | 990 | 700 | 690 | 1250 | 100 |
| 23.6 | f | 135 | 23 60 | 916 | 942 | 9130 | 1250 | 100 |
| | p | 80 | 23 60 | 923 | 1040 | — | 1247 | 100 |
| | f | 136 | 23 69 | 1149 | 990 | 995 | 1260 | 101 |

| α -Dr | Defl.-Dr | Defl.-Dr | Reduced | Reduced | Magn. | L. Ko. |
|--------------|----------|----------|---------|---------|------------|------------------|
| 991 | 05 | — | 05 | — | | |
| 1178 | 38 | — | 32 | — | | |
| 1103 | 103 | — | 93 | — | | |
| 1183 | 176 | — | 149 | — | | |
| 1180 | 206 | — | 175 | — | | |
| 1142 | 332 | — | 290 | — | | |
| 1178 | 545 | — | 463 | — | | |
| 1179 | 607 | — | 514 | — | | |
| 1190 | 895 | — | 761 | — | | |
| 1181 | 801 | — | 676 | — | 7.87 | 647 _x |
| 1145 | 686 | 715 | 594 | 623 | 7.56, 7.69 | |
| 1188 | 881 | — | 740 | — | 8.11 | 225 _x |
| 1143 | 446 | 465 | 383 | 407 | 6.83, 6.92 | |
| 1160 | 635 | — | 547 | — | 7.41 | 570 _v |
| 1170 | 820 | 820 | 700 | 700 | 7.97, 7.97 | |
| 1152 | 322 | 319 | 280 | 277 | 6.43, 6.43 | |
| 1171 | 833 | 818 | 711 | 698 | 8.02, 7.96 | |
| 1143 | 678 | — | 590 | — | 7.55 | 2a _x |
| 1175 | 870 | 846 | 739 | 714 | 8.11, 8.03 | |
| 1162 | 822 | 802 | 707 | 690 | 7.99, 7.93 | |
| 1162 | 859 | — | 737 | — | 8.10 | 583 _v |
| 1170 | 660 | 663 | 563 | 567 | 7.47, 7.48 | |
| 1163 | 900 | 900 | 772 | 773 | 8.23, 8.24 | |
| 1119 | 654 | 669 | 683 | 593 | 7.53, 7.57 | |
| 1158 | 260 | 250 | 224 | 216 | 6.20, 6.15 | |
| 1032 | 362 | 362 | 350 | 350 | 6.71, 6.71 | |
| 1150 | 600 | 590 | 522 | 512 | 7.34, 7.31 | |
| 1150 | 842 | 830 | 730 | 719 | 8.07, 8.03 | |
| 1147 | 940 | — | 818 | — | 8.36 | 425 _v |
| 1109 | 889 | 894 | 767 | 772 | 8.82, 8.25 | |

162

MRD RH 1573

Nov 6, 1929

West 5.2

| Strip | Class | Star | γ | π | Defl | Defl | R | Dk |
|-------|-------|------|----------|-------|------|------|------|-----|
| | p: | 81 | 2365 | 1300 | 620 | — | 1254 | 108 |
| | | 15 | 1967 | 962 | 100 | — | 1165 | 95 |
| | | 1 | 1752 | 664 | 140 | — | 1248 | 100 |
| | | 2 | — | — | 190 | — | 1264 | 090 |
| | | 3 | — | — | 260 | — | 1232 | 090 |
| | | 4 | — | — | 300 | — | 1240 | 100 |
| | | 5 | — | — | 415 | — | 1225 | 100 |
| | | 6 | — | — | 630 | — | 1230 | 100 |
| | | 7 | — | — | 710 | — | 1240 | 100 |
| | | 8 | — | — | 970 | — | 1240 | 093 |

| el.-dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn | L. No. |
|---------|-----------|-----------|---------|---------|------|------------------|
| 1146 | 512 | — | 445 | — | 7.55 | 297 ^x |
| 1090 | 65 | — | 65 | — | | |
| 1148 | 40 | — | 38 | — | | |
| 1174 | 100 | — | 85 | — | | |
| 1142 | 170 | — | 149 | — | | |
| 1140 | 200 | — | 175 | — | | |
| 1125 | 315 | — | 281 | — | | |
| 1130 | 530 | — | 467 | — | | |
| 1140 | 610 | — | 534 | — | | |
| 1147 | 827 | — | 763 | — | | |

con. from 0166 1371 Nov. 12, 1929
 156.3 - 147 -

| strip | Class | Star | y | L | Diap | Diap | ce | Sk | Volts |
|-------|-------|------|------|------|------|------|-----|-----|-------|
| | | 10 | 1955 | 710 | 187 | — | 827 | 099 | 505 |
| | | 1 | 2250 | 500 | 300 | — | 871 | 101 | |
| | | 2 | — | — | 403 | — | 917 | 101 | |
| | | 3 | — | — | 488 | — | 898 | 106 | |
| | | 4 | — | — | 496 | — | 896 | 107 | |
| | | 5 | — | — | 588 | — | 891 | 103 | |
| | | 6 | — | — | 700 | — | 898 | 109 | |
| | | 7 | — | — | 680 | — | 897 | 111 | |
| | | 8 | — | — | 808 | — | 893 | 111 | |
| 18.4 | f | 29 | 1838 | 641 | 809 | 194 | 913 | 120 | |
| 18.6 | f | 30 | 1867 | 1000 | 862 | 867 | 888 | 120 | |
| | f | 31 | 1862 | 1232 | 833 | 826 | 907 | 119 | |
| 18.8 | p | 30 | 1880 | 383 | 423 | — | 964 | 118 | |
| | p | 31 | 1887 | 393 | 772 | — | 967 | 120 | |
| | f | 32 | 1880 | 571 | 870 | 860 | 938 | 120 | |
| | p | 32 | 1881 | 709 | 827 | — | 917 | 121 | |
| | p | 33 | 1882 | 982 | 732 | — | 922 | 121 | |
| | f | 33 | 1872 | 1113 | 638 | 623 | 910 | 118 | |
| | f | 34 | 1890 | 1191 | 812 | 813 | 907 | 114 | |
| | f | 35 | 1886 | 1254 | 870 | 870 | 903 | 119 | |
| 19.0 | f | 36 | 1910 | 313 | 898 | 903 | 978 | 120 | |
| | f | 37 | 1912 | 470 | 871 | 863 | 949 | 114 | |
| | p | 34 | 1906 | 492 | 819 | — | 937 | 119 | |
| | f | 38 | 1913 | 520 | 822 | 821 | 932 | 123 | |
| | f | 39 | 1912 | 560 | 829 | 818 | 930 | 112 | |
| | f | 40 | 1910 | 607 | 840 | 830 | 916 | 110 | |
| | f | 41 | 1903 | 771 | 717 | 732 | 902 | 102 | |
| | f | 42 | 1908 | 1141 | 850 | 857 | 900 | 106 | |
| | f | 43 | 1901 | 1297 | 660 | 664 | 888 | 100 | |
| 19.2 | f | 44 | 1928 | 408 | 856 | 861 | 930 | 104 | |

| Obs. No. | Defl. - Dr. | Defl. - Dr. | Reduced | Reduced | Magn. | 2. No. |
|----------|-------------|-------------|---------|---------|--------------------|--------|
| 728 | 88 | — | 1299 | — | | |
| 770 | 199 | — | 257 | — | | |
| 816 | 302 | — | 390 | — | | |
| 787 | 382 | — | 485 | — | | |
| 783 | 389 | — | 497 | — | | |
| 788 | 485 | — | 616 | — | | |
| 789 | 591 | — | 760 | — | | |
| 786 | 569 | — | 722 | — | | |
| 782 | 697 | — | 890 | — | | |
| 793 | 689 | 674 | 880 | 862 | 8.27, 8.13 | |
| 768 | 742 | 741 | 965 | 914 | off curve, | |
| 788 | 714 | 707 | 906 | 859 | 8.47, 8.11 | |
| 849 | 305 | — | 358 | — | no 2 sequence star | |
| 847 | 652 | — | 769 | — | 1166V | |
| 818 | 750 | 740 | 916 | 904 | 8.53, 8.44 | |
| 796 | 706 | — | 888 | — | 105V | |
| 801 | 611 | — | 762 | — | 338V | |
| 792 | 520 | 505 | 657 | 638 | 6.77, 6.67 | |
| 783 | 708 | 699 | 903 | 891 | 8.44, 8.34 | |
| 784 | 751 | 751 | 959 | 959 | off curve | |
| 858 | 778 | 783 | 906 | 911 | 8.46, 8.48 | |
| 835 | 757 | 749 | 907 | 894 | 8.47, 8.38 | |
| 818 | 700 | — | 866 | — | 1189V | |
| 809 | 699 | 698 | 862 | 861 | 8.13, 8.12 | |
| 818 | 717 | 706 | 877 | 862 | 8.24, 8.13 | |
| 806 | 760 | 708 | 943 | 877 | off curve, 8.25 | |
| 800 | 615 | 630 | 758 | 787 | 7.50, 7.65 | |
| 794 | 744 | 751 | 933 | 944 | — | |
| 788 | 560 | 564 | 761 | 717 | 7.46, 7.14 | |
| 826 | 752 | 757 | 912 | 118 | 8.51, 8.54 | |

Exp. B H 1063 - Nov. 12, 1929

| trip class | Star | δ | Diff | Diff | Cl | Lk | Patts |
|------------|------|----------|------|------|-----|-----|---------|
| f | 45 | 1929 | 498 | 849 | 842 | 930 | 103 |
| f | 46 | 1916 | 648 | 811 | 806 | 904 | 100 |
| f | 47 | 1930 | 832 | 722 | 720 | 890 | 102 |
| f | 48 | 1921 | 1293 | 812 | 830 | 893 | 107 |
| | 1A | 1955 | 710 | 211 | — | 860 | 101 |
| | 1 | 2250 | 500 | 316 | — | 919 | 101 |
| | 2 | — | — | 392 | — | 950 | 097 |
| | 3 | — | — | 472 | — | 913 | 093 |
| | 4 | — | — | 491 | — | 903 | 092 |
| | 5 | — | — | 588 | — | 898 | 097 |
| | 6 | — | — | 673 | — | 901 | 099 |
| | 7 | — | — | 688 | — | 899 | 097 |
| | 8 | — | — | 809 | — | 898 | 097 505 |

Fmc
RH 1563
Nov. 13, '29

| | | | | | | |
|----|------|-----|-----|---|-----|-----|
| 1S | 1955 | 790 | 165 | — | 760 | 090 |
| 1 | 2250 | 571 | 298 | — | 818 | 092 |
| 2 | — | — | 370 | — | 850 | 092 |
| 3 | — | — | 430 | — | 845 | 092 |
| 4 | — | — | 460 | — | 835 | 092 |
| 5 | — | — | 558 | — | 837 | 099 |
| 6 | — | — | 654 | — | 843 | 100 |
| 7 | — | — | 643 | — | 840 | 100 |
| 8 | — | — | 770 | — | 850 | 100 |

19.4

| | | | | | | | |
|---|-----------|------|-----|-----|-----|-----|-----|
| f | 49 | 1949 | 665 | 719 | 723 | 870 | 100 |
| f | seq. star | 1946 | 815 | 780 | — | 852 | 100 |

| | | | | | | | |
|---|----|------|------|-----|-----|-----|-----|
| f | 50 | 1942 | 839 | 640 | 632 | 867 | 101 |
| f | 35 | 1951 | 1059 | 595 | — | 855 | 101 |

19.6

| | | | | | | | |
|---|----|------|------|-----|-----|-----|-----|
| f | 51 | 1940 | 1102 | 792 | 789 | 862 | 102 |
| f | 52 | 1960 | 370 | 795 | 782 | 938 | 110 |
| f | 53 | 1962 | 440 | 720 | 720 | 921 | 112 |
| f | 36 | 1960 | 630 | 715 | — | 899 | 111 |

| el.-dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced Magn. | 2. No. |
|---------|-----------|-----------|---------|---------------|------------|
| 827 | 746 | 739 | 900 | 890 | 8.41, 8.35 |
| 804 | 711 | 706 | 882 | 877 | 8.29, 8.24 |
| 788 | 620 | 618 | 786 | 783 | 7.63, 7.61 |
| 786 | 705 | 723 | 897 | 919 | 8.39, 8.56 |
| 759 | 180 | — | 146 | — | |
| 818 | 215 | — | 263 | — | |
| 853 | 295 | — | 346 | — | |
| 820 | 349 | — | 426 | — | |
| 811 | 399 | — | 493 | — | |
| 796 | 491 | — | 619 | — | |
| 802 | 574 | — | 713 | — | |
| 802 | 591 | — | 737 | — | |
| 801 | 712 | — | 887 | — | |
| 670 | 75 | — | 112 | — | |
| 726 | 206 | — | 283 | — | |
| 758 | 278 | — | 368 | — | |
| 753 | 338 | — | 449 | — | |
| 743 | 368 | — | 495 | — | |
| 738 | 459 | — | 623 | — | |
| 743 | 554 | — | 747 | — | |
| 740 | 543 | — | 732 | — | |
| 750 | 670 | — | 892 | — | |
| 770 | 619 | 623 | 803 | 810 | 7.60, 7.64 |
| 766 | 539 | 531 | 704 | 694 | 6.92, 6.85 |
| 754 | 494 | — | 655 | — | |
| 760 | 690 | 687 | 910 | 905 | 8.50, 8.48 |
| 828 | 685 | 672 | 827 | 812 | 7.77, 7.66 |
| 809 | 608 | 608 | 752 | 752 | 7.23, 7.23 |
| 788 | 604 | — | 765 | — | |

376v

1171v

Fmc

RH1563

| ship | class | star | y | r | Defl | Defl | e | Dist | Vel |
|------|-------|------|------|------|------|------|-----|------|-----|
| 19.6 | f | 54 | 1968 | 690 | 612 | 609 | 890 | 111 | |
| | f | 55 | 1978 | 1083 | 760 | 758 | 871 | 110 | |
| | f | 37 | 1969 | 1338 | 529 | — | 879 | 110 | |
| 19.8 | f | 56 | 1990 | 636 | 787 | 786 | 900 | 110 | |
| | f | 38 | 1992 | 1190 | 770 | — | 863 | 110 | |
| 20.0 | f | 57 | 2008 | 402 | 810 | 807 | 915 | 112 | |
| | f | 39 | 2001 | 521 | 725 | — | 900 | 111 | |
| | f | 58 | 2001 | 649 | 679 | 681 | 900 | 110 | |
| 20.2 | f | 59 | 2028 | 385 | 711 | 715 | 911 | 115 | |
| | f | 60 | 2028 | 1260 | 815 | 798 | 881 | 118 | |
| 20.4 | f | 61 | 2041 | 437 | 520 | 530 | 925 | 121 | |
| | f | 62 | 2058 | 830 | 802 | 809 | 895 | 130 | |
| | f | 63 | 2039 | 910 | 719 | 709 | 890 | 129 | |
| | f | 64 | 2051 | 1213 | 565 | 570 | 867 | 129 | |
| | f | 40 | 2042 | 1250 | 710 | — | 860 | 135 | |
| 20.6 | f | 65 | 2060 | 1108 | 710 | 6700 | 879 | 130 | |
| | f | 41 | 2061 | 1353 | 746 | — | 872 | 131 | |
| 20.8 | f | 42 | 2089 | 300 | 700 | — | 920 | 131 | |
| | f | 43 | 2083 | 350 | 750 | — | 915 | 131 | |
| | f | 44 | 2090 | 740 | 765 | — | 889 | 135 | |
| | f | 66 | 2090 | 1090 | 800 | 800 | 885 | 140 | |
| 21.0 | f | 45 | 2110 | 312 | 660 | — | 919 | 137 | |
| | f | 46 | 2103 | 1324 | 590 | — | 889 | 140 | |
| 21.2 | f | 67 | 2132 | 310 | 572 | 590 | 920 | 139 | |
| | f | 68 | 2130 | 352 | 736 | 740 | 913 | 139 | |
| | f | 69 | 2119 | 1100 | 742 | 753 | 898 | 138 | |
| | f | 70 | 2130 | 1165 | 612 | 615 | 880 | 136 | |
| | f | 71 | 2138 | 1191 | 790 | 790 | 868 | 132 | |
| 21.4 | f | 72 | 2140 | 360 | 780 | 785 | 917 | 138 | |
| | f | 73 | 2140 | 958 | 732 | 721 | 884 | 138 | |

| α -Dk. | Dfl-Dk. | Depl-Dk. | Reduced | Reduced | Magn. | L. K ₀ |
|---------------|---------|----------|---------|---------|------------|-------------------|
| 779 | 501 | 498 | 644 | 640 | 6.57, 6.53 | |
| 761 | 656 | 648 | 854 | 850 | 7.99, 7.97 | |
| 769 | 419 | — | 545 | — | — | 426x |
| 790 | 677 | 676 | 856 | 855 | 8.00, 8.00 | |
| 753 | 660 | — | 875 | — | — | 425v |
| 803 | 698 | 695 | 870 | 865 | 8.12, 8.09 | |
| 789 | 614 | — | 778 | — | — | 1109v |
| 790 | 569 | 571 | 720 | 724 | 7.02, 7.04 | |
| 796 | 596 | 600 | 750 | 754 | 7.21, 7.25 | |
| 763 | 697 | 680 | 915 | 890 | 8.57, 8.30 | |
| 864 | 399 | 409 | 496 | 509 | 5.90, 5.97 | |
| 765 | 672 | 679 | 878 | 886 | 8.20, 8.21 | |
| 761 | 590 | 580 | 780 | 765 | 7.43, 7.22 | |
| 738 | 446 | 441 | 590 | 596 | 6.31, 6.34 | |
| 725 | 575 | — | 795 | — | — | 451v |
| 749 | 580 | 570 | 775 | 760 | 7.38, 7.27 | |
| 741 | 615 | — | 830 | — | — | 457x |
| 789 | 569 | — | 720 | — | — | 1043x |
| 784 | 619 | — | 790 | — | — | 1044x |
| 754 | 630 | — | 835 | — | — | 2xx |
| 745 | 660 | 666 | 885 | 885 | 8.27, 8.27 | |
| 782 | 523 | — | 668 | — | — | 1030x |
| 749 | 450 | — | 600 | — | — | |
| 781 | 433 | 451 | 553 | 576 | 6.14, 6.24 | |
| 774 | 597 | 681 | 774 | 776 | 7.39, 7.40 | |
| 759 | 604 | 615 | 800 | 815 | 7.57, 7.69 | |
| 744 | 476 | 479 | 640 | 644 | 6.55, 6.57 | |
| 736 | 658 | 658 | 894 | 894 | 8.36, 8.36 | |
| 779 | 642 | 647 | 825 | 830 | 7.76, 7.80 | |
| 746 | 594 | 583 | 795 | 780 | 7.56, 7.44 | |

FMC R H 1563

Nov. 13, 1929

| strip | class | star | y | z | Duff | Duff | cl | Dk | Volt |
|-------|-------|-----------|------|------|------|------|-----|-----|------|
| 21.4 | f | 74 | 2142 | 1334 | 750 | 760 | 890 | 141 | |
| 21.6 | f | 75 | 2162 | 363 | 740 | 710 | 902 | 132 | |
| 21.8 | f | 76 | 2198 | 592 | 402 | 380 | 900 | 135 | |
| | f | 77 | 2180 | 840 | 710 | 708 | 902 | 137 | |
| | p | 47 | 2191 | 920 | 608 | — | 890 | 135 | |
| | p | 48 | 2181 | 1142 | 809 | — | 890 | 140 | |
| | p | 49 | 2181 | 1426 | 673 | — | 880 | 138 | |
| 22.0 | p | 50 | 2202 | 550 | 799 | — | 910 | 134 | |
| | f | 78 | 2210 | 1058 | 541 | 545 | 879 | 135 | |
| | p | 51 | 2201 | 1380 | 775 | — | 889 | 135 | |
| 22.2 | p | Seq. star | 2229 | 609 | 549 | — | 891 | — | |
| | p | 52 | 2231 | 971 | 764 | — | 882 | 135 | |
| | f | 79 | 2230 | 1211 | 600 | 598 | 880 | 140 | |
| | p | 53 | 2231 | 1311 | 738 | — | 899 | 140 | |
| 22.4 | f | 80 | 2249 | 650 | 580 | 580 | 898 | 138 | |
| | f | 81 | 2252 | 785 | 770 | 768 | 889 | 130 | |
| | f | 82 | 2259 | 1089 | 770 | 750 | 888 | 134 | |
| | f | 83 | 2248 | 1251 | 740 | 740 | 880 | 130 | |
| | | 18 | 1955 | 790 | 210 | — | 860 | 130 | |
| | | 1 | 2250 | 571 | 334 | — | 880 | 130 | |
| | | 2 | — | — | 438 | — | 915 | 138 | |
| | | 3 | — | — | 500 | — | 910 | 131 | |
| | | 4 | — | — | 511 | — | 890 | 135 | |
| | | 5 | — | — | 610 | — | 880 | 131 | |
| | | 6 | — | — | 711 | — | 891 | 133 | |
| | | 7 | — | — | 682 | — | 870 | 135 | |
| | | 8 | — | — | 797 | — | 880 | 132 | |

| cl.-sk. | Defl.-sk. | Defl.-sk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|---------|
| 749 | 609 | 619 | 814 | 826 | 7.68, 7.75 | |
| 770 | 608 | 578 | 790 | 750 | 7.51, 7.22 | |
| 765 | 267 | 245 | 349 | 320 | 5.07, 4.82 | |
| 765 | 573 | 571 | 750 | 746 | 7.24, 7.17 | |
| 755 | 473 | — | 625 | — | | 2S=627v |
| 750 | 669 | — | 890 | — | | |
| 742 | 535 | — | 720 | — | | 498x |
| 776 | 665 | — | 855 | — | | 948v |
| 744 | 406 | 410 | 546 | 550 | 6.12, 6.14 | |
| 757 | 640 | — | 850 | — | | 509x |
| 747 | 629 | — | 840 | — | | 601v |
| 740 | 460 | 458 | 620 | 619 | 6.46, 6.45 | |
| 759 | 598 | — | 790 | — | | 523x |
| 760 | 442 | 442 | 580 | 580 | 6.26, 6.26 | |
| 759 | 640 | 638 | 842 | 840 | 7.90, 7.89 | |
| 756 | 638 | 618 | 844 | 818 | 7.92, 7.70 | |
| 756 | 610 | 610 | 815 | 815 | 7.69, 7.69 | |
| 730 | 80 | — | 110 | — | | |
| 750 | 264 | — | 272 | — | | |
| 777 | 360 | — | 386 | — | | |
| 779 | 369 | — | 474 | — | | |
| 755 | 376 | — | 497 | — | | |
| 749 | 479 | — | 640 | — | | |
| 768 | 578 | — | 763 | — | | |
| 735 | 547 | — | 745 | — | | |
| 748 | 665 | — | 890 | — | | |

72

mR D

R H 15 63

Nov. 14, 1929

| ship | class | star | y | z | Duff | Duff | a | dk | Volh |
|------|-------|------|------|------|------|------|-----|-----|------|
| | | 13 | 1955 | 784 | 178 | — | 810 | 104 | 4.9 |
| | | 1 | 2250 | 575 | 300 | — | 862 | 107 | |
| | | 2 | — | — | 360 | — | 900 | 110 | |
| | | 3 | — | — | 430 | — | 879 | 110 | |
| | | 4 | — | — | 477 | — | 870 | 110 | |
| | | 5 | — | — | 560 | — | 857 | 113 | |
| | | 6 | — | — | 650 | — | 870 | 118 | |
| | | 7 | — | — | 651 | — | 870 | 116 | |
| | | 8 | — | — | 790 | — | 863 | 117 | |
| 22.6 | f | 84 | 2265 | 470 | 450 | 446 | 882 | 119 | |
| | p | 54 | 2270 | 1100 | 650 | — | 864 | 122 | |
| | p | 55 | 2267 | 1257 | 370 | — | 868 | 125 | |
| 22.8 | p | 56 | 2279 | 789 | 774 | — | 860 | 122 | |
| | p | 57 | 2289 | 980 | 560 | — | 870 | 120 | |
| | f | 85 | 2283 | 1270 | 740 | 750 | 870 | 125 | |
| 23.0 | f | 86 | 2299 | 370 | 630 | 635 | 908 | 130 | |
| | p | 58 | 2300 | 504 | 750 | — | 892 | 120 | |
| | p | 59 | 2301 | 1077 | 690 | — | 867 | 117 | |
| | f | 87 | 2310 | 1272 | 715 | 701 | 865 | 118 | |
| | | 13 | 1955 | 784 | 193 | — | 785 | 113 | |
| | | 1 | 2250 | 575 | 310 | — | 860 | 114 | |
| | | 2 | — | — | 390 | — | 892 | 115 | |
| | | 3 | — | — | 450 | — | 868 | 117 | |
| | | 4 | — | — | 473 | — | 859 | 118 | |
| | | 5 | — | — | 559 | — | 849 | 118 | |
| | | 6 | — | — | 660 | — | 860 | 120 | |
| | | 7 | — | — | 655 | — | 860 | 120 | |
| | | 8 | — | — | 775 | — | 850 | 120 | |

| C.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn. | L. No. |
|--------|-----------|-----------|---------|---------|------------|--------|
| 706 | 74 | — | 105 | — | | |
| 755 | 193 | — | 256 | — | | |
| 790 | 250 | — | 316 | — | | |
| 769 | 320 | — | 415 | — | | |
| 760 | 367 | — | 483 | — | | |
| 744 | 447 | — | 600 | — | | |
| 752 | 532 | — | 708 | — | | |
| 754 | 535 | — | 709 | — | | |
| 746 | 673 | — | 902 | — | | |
| 763 | 331 | 327 | 433 | 431 | 5.83, 5.81 | |
| 742 | 528 | — | 713 | — | | 570v |
| 743 | 245 | — | 329 | — | | 536x |
| 738 | 652 | — | 882 | — | | 765v |
| 750 | 440 | — | 587 | — | | 625v |
| 745 | 615 | 625 | 825 | 838 | 7.92, 7.98 | |
| 778 | 580 | 585 | 642 | 649 | 6.86, 6.89 | |
| 772 | 630 | — | 817 | — | | |
| 750 | 573 | — | 763 | — | | 587v |
| 757 | 597 | 583 | 789 | 771 | 7.70, 7.63 | |
| 672 | 80 | — | 119 | — | | |
| 746 | 196 | — | 262 | — | | |
| 777 | 275 | — | 354 | — | | |
| 751 | 333 | — | 444 | — | | |
| 741 | 355 | — | 480 | — | | |
| 731 | 441 | — | 603 | — | | |
| 740 | 540 | — | 730 | — | | |
| 740 | 535 | — | 723 | — | | |
| 730 | 655 | — | 897 | — | | |

174

MRD RH 1557 Nov. 19, 1929

Strip Class
To Be
Remeasured
14.6 - 20.6

| | | Star | y | x | Defl | Defl | Cl | Dk |
|------|----|------|------|------|------|------|------|-----|
| | | 13 | 1970 | 991 | 225 | — | 890 | 103 |
| | | 1 | 1741 | 704 | 415 | — | 915 | 107 |
| | | 2 | — | — | 423 | — | 960 | 115 |
| | | 3 | — | — | 520 | — | 949 | 110 |
| | | 4 | — | — | 618 | — | 940 | 115 |
| | | 5 | — | — | 650 | — | 948 | 115 |
| | | 6 | — | — | 785 | — | 968 | 120 |
| | | 7 | — | — | 810 | — | 964 | 114 |
| | | 8 | — | — | 870 | — | 947 | 120 |
| 14.6 | p | 1 | 1460 | 685 | 700 | — | 1000 | 150 |
| | p | 2 | 1470 | 881 | 800 | — | 1010 | 152 |
| 14.8 | p | 3 | 1481 | 859 | 690 | — | 998 | 151 |
| | f | 1 | 1489 | 868 | 769 | 770 | 1000 | 158 |
| 15.2 | f | 2 | 1527 | 748 | 490 | 485 | 980 | 155 |
| | fp | 4 | 1520 | 883 | 805 | — | 1000 | 150 |
| | p | 5 | 1519 | 1150 | 788 | — | 1010 | 155 |
| 15.4 | f | 3 | 1541 | 973 | 765 | 755 | 997 | 152 |
| 15.6 | fp | 6 | 1570 | 635 | 834 | — | 987 | 150 |
| | f | 4 | 1560 | 1137 | 870 | 870 | 985 | 135 |
| | fp | 7 | 1570 | 1139 | 840 | — | 981 | 135 |
| | | 13 | 1970 | 991 | 270 | — | 925 | 131 |
| | | 1 | 1741 | 704 | 450 | — | 935 | 130 |
| | | 2 | — | — | 435 | — | 975 | 125 |
| | | 3 | — | — | 540 | — | 960 | 130 |
| | | 4 | — | — | 635 | — | 950 | 130 |
| | | 5 | — | — | 690 | — | 955 | 130 |
| | | 6 | — | — | 792 | — | 969 | 132 |
| | | 7 | — | — | 810 | — | 960 | 130 |
| | | 8 | — | — | 875 | — | 955 | 130 |

| cl. dk. | Depl.-dk. | Depl.-dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|--------|
| 787 | 122 | — | 156 | — | | |
| 808 | 308 | — | 382 | — | | |
| 845 | 308 | — | 365 | — | | |
| 839 | 410 | — | 489 | — | | |
| 825 | 503 | — | 610 | — | | |
| 833 | 535 | — | 642 | — | | |
| 848 | 665 | — | 782 | — | | |
| 850 | 696 | — | 818 | — | | |
| 827 | 750 | — | 905 | — | | |
| 850 | 550 | — | 647 | — | | |
| 858 | 648 | — | 755 | — | | 1043 |
| 847 | 539 | — | 636 | — | | 1030 |
| 842 | 611 | 612 | 725 | 726 | 6.75, 6.75 | |
| 825 | 335 | 330 | 406 | 400 | 5.20, 5.16 | |
| 850 | 655 | — | 769 | — | | 1044 |
| 855 | 633 | — | 742 | — | | 1104 |
| 845 | 613 | 603 | 722 | 710 | 6.72, 6.67 | |
| 837 | 684 | — | 815 | — | | 926 |
| 850 | 735 | 735 | 867 | 867 | 7.87, 7.87 | |
| 876 | 705 | — | 804 | — | | 1176 |
| 794 | 139 | — | 175 | — | | |
| 806 | 320 | — | 398 | — | | |
| 850 | 316 | — | 364 | — | | |
| 830 | 410 | — | 493 | — | | |
| 820 | 505 | — | 616 | — | | |
| 825 | 560 | — | 677 | — | | |
| 837 | 660 | — | 787 | — | | |
| 830 | 680 | — | 818 | — | | |
| 825 | 745 | — | 902 | — | | |

176

Fmc RH 1557 Nov. 19, 1929

| steps | class | star | y | z | D ₁ | D ₂ | d | D ₃ | Vol |
|-------|-------|------|------|------|----------------|----------------|-----|----------------|-----|
| | | 15 | 1970 | 991 | 259 | — | 888 | 115 | |
| | | 1 | 1741 | 704 | 430 | — | 880 | 115 | |
| | | 2 | — | — | 433 | — | 910 | 118 | |
| | | 3 | — | — | 530 | — | 919 | 112 | |
| | | 4 | — | — | 600 | — | 911 | 115 | |
| | | 5 | — | — | 665 | — | 920 | 115 | |
| | | 6 | — | — | 719 | — | 890 | 115 | |
| | | 7 | — | — | 789 | — | 925 | 110 | |
| | | 8 | — | — | 830 | — | 920 | 116 | |
| 15.8 | f | 5 | 1588 | 895 | 818 | 809 | 938 | 118 | |
| | f | 6 | 1579 | 934 | 861 | 850 | 939 | 118 | |
| 16.0 | f | 7 | 1608 | 889 | 652 | 668 | 937 | 120 | |
| | f | 8 | 1601 | 1273 | 854 | 850 | 947 | 120 | |
| 16.2 | f | 9 | 1619 | 1051 | 860 | 860 | 940 | 120 | |
| | f | 8 | 1620 | 1170 | 689 | — | 955 | 121 | |
| 16.4 | f | 10 | 1640 | 420 | 829 | 820 | 930 | 121 | |
| | f | 11 | 1650 | 952 | 880 | 889 | 955 | 121 | |
| | f | 12 | 1641 | 980 | 670 | 670 | 952 | 121 | |
| | f | 9 | 1658 | 1073 | 780 | — | 950 | 120 | |
| 16.6 | f | 10 | 1670 | 659 | 829 | — | 937 | 121 | |
| | f | 13 | 1668 | 1000 | 854 | 858 | 942 | 121 | |
| | f | 14 | 1670 | 1039 | 725 | 739 | 930 | 120 | |
| | f | 15 | 1660 | 1070 | 800 | 800 | 958 | 121 | |
| 16.8 | f | 11 | 1686 | 532 | 828 | — | 920 | 120 | |
| | f | 16 | 1699 | 597 | 821 | 819 | 900 | 120 | |
| | f | 17 | 1691 | 800 | 765 | 762 | 940 | 121 | |
| | f | 18 | 1690 | 1349 | 730 | 725 | 953 | 121 | |
| 17.0 | f | 12 | 1700 | 410 | 762 | — | 950 | 122 | |
| | f | 13 | 1700 | 958 | 751 | — | 930 | 128 | |
| | f | 19 | 1709 | 1000 | 750 | 731 | 932 | 125 | |

| Q.-Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced | Magn. | L. No. |
|--------|-----------|-----------|---------|---------|------------|-------------------|
| 773 | 144 | — | 186 | — | | |
| 765 | 315 | — | 412 | — | | |
| 792 | 315 | — | 397 | — | | |
| 807 | 418 | — | 517 | — | | |
| 796 | 485 | — | 609 | — | | |
| 805 | 550 | — | 683 | — | | |
| 775 | 604 | — | 780 | — | | |
| 815 | 679 | — | 831 | — | | |
| 804 | 714 | — | 887 | — | | |
| 820 | 700 | 691 | 853 | 842 | 7.72, 7.60 | |
| 824 | 743 | 732 | 906 | 893 | 8.45, 8.13 | |
| 817 | 532 | 548 | 651 | 670 | 6.31, 6.42 | |
| 827 | 734 | 730 | 883 | 880 | 8.09, 8.07 | |
| 820 | 740 | 740 | 900 | 900 | 8.33, 8.33 | |
| 834 | 568 | — | 670 | — | | 1208 ^x |
| 809 | 708 | 699 | 873 | 862 | 7.99, 7.83 | |
| 834 | 759 | 768 | 885 | 820 | 8.11, 7.39 | |
| 831 | 549 | 549 | 660 | 660 | 6.35, 6.35 | |
| 830 | 660 | — | 793 | — | | 1166 [✓] |
| 816 | 708 | — | 866 | — | | |
| 821 | 733 | 737 | 892 | 897 | 8.21, 8.26 | |
| 810 | 605 | 619 | 748 | 762 | 6.85, 6.45 | |
| 837 | 679 | 679 | 809 | 809 | 7.31, 7.30 | |
| 800 | 708 | — | 882 | — | | 880 ^x |
| 800 | 701 | 699 | 876 | 873 | 8.00, 7.98 | |
| 819 | 644 | 641 | 783 | 781 | 7.08, 7.07 | |
| 832 | 609 | 604 | 730 | 723 | 6.74, 6.71 | |
| 828 | 640 | — | 772 | — | | 844 ^x |
| 802 | 623 | — | 775 | — | | 1109 [✓] |
| 807 | 625 | 606 | 775 | 751 | 7.03, 6.89 | |

Fmc R H 1557

Nov. 19, 1929

178

| strip | class | star | y | v | D _{eff} | D _{eff} | ce | D _h | Vol |
|-------|-------|------|------|------|------------------|------------------|-----|----------------|-----|
| 17.0 | f | 20 | 1700 | 1350 | 770 | 770 | 940 | 127 | |
| 17.2 | f | 21 | 1720 | 1030 | 640 | 630 | 929 | 127 | |
| | f | 14 | 1730 | 1150 | 635 | — | 945 | 125 | |
| | f | 15 | 1721 | 1172 | 707 | — | 939 | 125 | |
| | f | 22 | 1719 | 1300 | 848 | 845 | 960 | 122 | |
| | f | 23 | 1730 | 1330 | 550 | 555 | 949 | 128 | |
| 17.4 | f | 24 | 1749 | 915 | 832 | 828 | 940 | 127 | |
| | f | 16 | 1741 | 1144 | 760 | — | 940 | 128 | |
| | f | 17 | 1740 | 1255 | 730 | — | 948 | 130 | |
| 17.6 | f | 18 | 1770 | 370 | 780 | — | 910 | 130 | |
| | f | 25 | 1773 | 1220 | 845 | 841 | 935 | 125 | |
| 17.8 | f | 26 | 1781 | 390 | 825 | 810 | 920 | 130 | |
| | f | 27 | 1795 | 670 | 480 | 460 | 910 | 125 | |
| | f | 19 | 1782 | 1163 | 640 | — | 935 | 130 | |
| | f | 20 | 1789 | 1386 | 620 | — | 960 | 130 | |
| 18.0 | f | 28 | 1800 | 348 | 550 | 535 | 908 | 130 | |
| | f | 29 | 1809 | 668 | 780 | 780 | 920 | 130 | |
| | f | 30 | 1810 | 941 | 590 | 585 | 925 | 132 | |
| | f | 21 | 1808 | 992 | 770 | — | 930 | 133 | |
| | f | 31 | 1800 | 1052 | 861 | 861 | 920 | 132 | |
| | f | 22 | 1809 | 1140 | 808 | — | 950 | 131 | |
| | f | 15 | 1970 | 991 | 282 | — | 919 | 131 | |
| | f | 1 | 1741 | 704 | 449 | — | 910 | 131 | |
| | f | 2 | — | — | 467 | — | 942 | 131 | |
| | f | 3 | — | — | 555 | — | 938 | 134 | |
| | f | 4 | — | — | 620 | — | 937 | 138 | |
| | f | 5 | — | — | 671 | — | 925 | 138 | |
| | f | 6 | — | — | 765 | — | 940 | 138 | |
| | f | 7 | — | — | 790 | — | 938 | 140 | |
| | f | 8 | — | — | 853 | — | 931 | 135 | |

| cl.-dk. | depl.-dk. | Depl.-dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|------------------|---------|-------------------------|--------|
| 813 | 641 | 641 | 790 | 790 | 7.14, 7.14 | |
| 802 | 513 | 503 | 640 | 606 | 6.24, 6.17 | |
| 820 | 516 | — | 622 | — | 1242 [✓] | |
| 814 | 582 | — | 714 | — | 1251 [✓] | |
| 838 | 726 | 723 | 864 | 862 | 7.85, 7.83 | |
| 821 | 422 | 427 | 573 | 520 | 5.62, 5.64 | |
| 813 | 705 | 701 | 864 | 861 | 7.86, 7.82 [✓] | |
| 812 | 632 | — | 778 | — | 1246 | |
| 818 | 600 | — | 734 | — | | |
| 780 | 650 | — | 833 | — | | |
| 810 | 720 | 716 | 889 | 882 | 8.18, 8.08 | |
| 790 | 695 | 680 | 882 | 861 | 8.08, 7.82 | |
| 785 | 355 | 335 | 402 | 426 | 5.30, 5.15 | |
| 805 | 510 | — | 633 | — | | |
| 830 | 490 | — | 591 | — | | |
| 778 | 426 | 405 | 638 | 519 | 5.74, 5.63 | |
| 890 | 650 | 650 | 732 | 732 | 6.75, 6.75 | |
| 793 | 468 | 453 | 578 | 571 | 5.94, 5.92 | |
| 797 | 637 | — | 798 | — | | |
| 788 | 729 | 729 | 925 | 925 | 8.75, 8.75 | |
| 819 | 677 | — | 824 | — | | |
| 788 | 151 | — | 191 | — | | |
| 779 | 318 | — | 409 | — | | |
| 811 | 336 | — | 415 | — | | |
| 804 | 421 | — | 523 | — | | |
| 799 | 482 | — | 604 | — | | |
| 787 | 533 | — | 78 ²⁸ | — | | |
| 802 | 627 | — | 789 | — | | |
| 798 | 650 | — | 816 | — | | |
| 796 | 718 | — | 901 | — | | |

180

Con from Bk 72 p. 90
 28p - R H 1567 - Nov 29, 1929

| Strip | Class | Star | y | 3 | Repl | Repl | Cl | Bk | Volts |
|-------|-------|------|------|------|------|------|------|-----|-------|
| 24.2 | p | 234 | 2417 | 471 | 1193 | 1162 | 1389 | 120 | |
| | p | 235 | 2418 | 520 | 1307 | 1261 | 1401 | 122 | |
| | p | 236 | 2422 | 649 | 1258 | 1240 | 1392 | 127 | |
| | p | 98 | 2431 | 721 | 1197 | — | 1369 | 127 | |
| | p | 237 | 2421 | 795 | 883 | 850 | 1381 | 123 | |
| | p | 238 | 2430 | 808 | 1313 | 1300 | 1398 | 132 | |
| | p | 239 | 2420 | 838 | 1282 | 1268 | 1383 | 130 | |
| | p | 240 | 2421 | 980 | 1280 | 1293 | 1363 | 130 | |
| | p | 241 | 2426 | 1141 | 1063 | 998 | 1388 | 128 | |
| 24.4 | p | 242 | 2451 | 417 | 1310 | 1280 | 1403 | 131 | |
| | p | 243 | 2450 | 457 | 1150 | 1090 | 1408 | 130 | |
| | p | 244 | 2439 | 467 | 1091 | 1081 | 1400 | 138 | |
| | p | 99 | 2450 | 507 | 572 | — | 1392 | 131 | |
| | p | 100 | 2449 | 541 | 1178 | — | 1388 | 130 | |
| | p | 245 | 2440 | 935 | 1182 | 1158 | 1380 | 133 | |
| | p | 101 | 2441 | 1019 | 1271 | — | 1380 | 129 | |
| | p | 102 | 2450 | 1153 | 923 | — | 1381 | 128 | |
| 24.6 | p | 103 | 2463 | 458 | 1260 | — | 1387 | 123 | |
| | p | 246 | 2463 | 591 | 1323 | 1292 | 1391 | 128 | |
| | p | 247 | 2472 | 862 | 1213 | 1140 | 1370 | 128 | |
| | p | 248 | 2470 | 893 | 1223 | 1210 | 1362 | 132 | |
| | p | 249 | 2461 | 912 | 1309 | 1298 | 1401 | 133 | |
| | p | 250 | 2472 | 1069 | 1232 | 1198 | 1367 | 129 | |
| | p | 104 | 2461 | 1138 | 1281 | — | 1362 | 132 | |
| | p | 251 | 2471 | 1139 | 1289 | 1253 | 1381 | 131 | |
| 24.8 | p | 252 | 2490 | 500 | 1098 | 1063 | 1413 | 132 | |
| | p | 253 | 2487 | 539 | 1331 | 1313 | 1419 | 140 | |
| | p | 105 | 2487 | 561 | 1292 | — | 1401 | 140 | |
| | p | 106 | 2489 | 839 | 1177 | — | 1389 | 132 | |
| | p | 107 | 2490 | 928 | 1289 | — | 1387 | 140 | |

| Cl.-Dr. | Defl.-Dr. | Defl.-Dr. | Reduced | Reduced | Magn. | L. Co. |
|---------|-----------|-----------|---------|---------|------------|--------|
| 1269 | 10 73 | 10 42 | 845 | 822 | 7.88, 7.64 | |
| 1279 | 11 86 | 11 39 | 927 | 890 | 8.70 | |
| 1265 | 11 31 | 11 13 | 894 | 880 | 8.36, 8.22 | |
| 1242 | 10 70 | — | 862 | — | | 583 ✓ |
| 1258 | 7 60 | 7 27 | 604 | 578 | 5.52, 5.28 | |
| 1266 | 11 81 | 11 68 | 933 | 921 | 8.79, 8.64 | |
| 1250 | 11 52 | 11 38 | 922 | 911 | 8.69, 8.56 | |
| 1233 | 11 50 | 11 03 | 933 | 894 | | |
| 1260 | 9 35 | 8 70 | 743 | 691 | 6.88, 6.33 | |
| 1272 | 11 79 | 11 49 | 927 | 905 | | |
| 1278 | 10 20 | 9 60 | 797 | 752 | 7.40, 6.94 | |
| 1262 | 9 53 | 9 43 | 755 | 747 | 6.97, 6.89 | |
| 1261 | 4 41 | — | 850 | — | | 660 + |
| 1258 | 10 48 | — | 832 | — | | 649 + |
| 1247 | 10 49 | 10 25 | 841 | 823 | 7.83, 7.65 | |
| 1251 | 11 42 | — | 833 | — | | |
| 1253 | 7 95 | — | 611 | — | | 426 + |
| 1264 | 11 37 | — | 901 | — | | |
| 1263 | 11 95 | 11 04 | 947 | 875 | 8.93, 8.16 | |
| 1242 | 10 85 | 10 12 | 873 | 814 | 8.12, 7.57 | |
| 1230 | 10 91 | 10 78 | 887 | 876 | 8.29, 8.17 | |
| 1268 | 11 76 | 11 65 | 927 | 839 | | |
| 1238 | 11 08 | 10 69 | 890 | 863 | 8.31, 8.05 | |
| 1230 | 11 49 | — | 934 | — | | |
| 1250 | 11 58 | 11 22 | 926 | 899 | | |
| 1281 | 9 66 | 9 31 | 754 | 726 | 6.99, 6.67 | |
| 1279 | 11 91 | 11 73 | 932 | 917 | | |
| 1261 | 11 52 | — | 914 | — | | |
| 1257 | 10 45 | — | 833 | — | | 541 ✓ |
| 1247 | 11 49 | — | 922 | — | | |

ZGP-RH 1567-nov. 29, 1929

| Strip | Class | Star | y | z | Diff. | Diff. | Cl | Dk | Notes |
|--------|-------|------|------|------|-------|-------|------|-----|-------|
| p | | 108 | 2480 | 932 | 1270 | — | 1373 | 140 | |
| p | | 109 | 2490 | 1021 | 952 | — | 1383 | 147 | |
| p | | 254 | 2480 | 1076 | 1319 | 1311 | 1379 | 141 | |
| p | | 255 | 2480 | 1093 | 1163 | 1101 | 1378 | 140 | |
| 25.0 p | | 256 | 2510 | 537 | 1203 | 1170 | 1402 | 139 | |
| p | | 257 | 2516 | 583 | 1000 | 948 | 1413 | 137 | |
| p | | 110 | 2496 | 589 | 1312 | — | 1383 | 137 | |
| p | | 258 | 2503 | 791 | 1251 | 1204 | 1372 | 130 | |
| p | | 111 | 2501 | 850 | 804 | — | 1370 | 128 | |
| p | | 259 | 2510 | 892 | 1273 | 1249 | 1371 | 131 | |
| p | | 260 | 2501 | 946 | 1207 | 971 | 1372 | 133 | |
| p | | 112 | 2502 | 1072 | 1147 | — | 1379 | 132 | |
| | | 10 | 1947 | 940 | 412 | — | 1348 | 131 | |
| | | 1 | 1870 | 584 | 722 | — | 1379 | 130 | |
| | | 2 | — | — | 792 | — | 1373 | 138 | |
| | | 3 | — | — | 940 | — | 1399 | 138 | |
| | | 4 | — | — | 957 | — | 1413 | 134 | |
| | | 5 | — | — | 1024 | — | 1398 | 139 | |
| | | 6 | — | — | 1121 | — | 1353 | 140 | |
| | | 7 | — | — | 1138 | — | 1373 | 139 | |
| | | 8 | — | — | 1261 | — | 1388 | 141 | 000 |

Continued in BK 72, p 92

| Q-Sk. | Defl-Sk. | Defl-Sk. | Reduced | Reduced | Magn. | L. No. |
|-------|----------|----------|---------|---------|-----------|------------------|
| 1233 | 1130 | — | 917 | — | | 513 ^x |
| 1236 | 805 | — | 652 | — | | 474 ^x |
| 1238 | 1178 | 1170 | 951 | 944 | | |
| 1238 | 1023 | 961 | 825 | 773 | 7.67 7.14 | |
| 1263 | 1064 | 1031 | 843 | 818 | 7.83 7.60 | |
| 1276 | 863 | 811 | 679 | 638 | 6.21 5.81 | |
| 1246 | 1175 | — | 943 | — | | 536 |
| 1242 | 1121 | 1074 | 904 | 866 | 8.51 8.07 | |
| 1242 | 676 | — | — | — | | 536 ^x |
| 1240 | 1142 | 1118 | 922 | 903 | | |
| 1239 | 1074 | 838 | 867 | 677 | 8.07 6.20 | |
| 1247 | 1015 | — | — | — | | 457 ^x |
| 1217 | 281 | — | 231 | — | | |
| 1249 | 592 | — | 474 | — | | |
| 1235 | 654 | — | 530 | — | | |
| 1261 | 802 | — | 635 | — | | |
| 1279 | 823 | — | 644 | — | | |
| 1259 | 885 | — | 705 | — | | |
| 1213 | 981 | — | 810 | — | | |
| 1234 | 999 | — | 810 | — | | |
| 1247 | 1120 | — | 900 | — | | |

SLP- R H 1570 - Nov 30, 1929

| Strip | Class | Star | y | b | Defl | Defl | Cl | Dk | Volts |
|-------|-------|------|------|------|------|------|------|-----|-------|
| | | 10 | 2027 | 972 | 101 | — | 1580 | 090 | 500 |
| | | 1 | 1709 | 197 | 147 | — | 1587 | 097 | |
| | | 2 | — | — | 210 | — | 1609 | 097 | |
| | | 3 | — | — | 300 | — | 1610 | 092 | |
| | | 4 | — | — | 351 | — | 1570 | 097 | |
| | | 5 | — | — | 498 | — | 1565 | 099 | |
| | | 6 | — | — | 469 | — | 1587 | 099 | |
| | | 7 | — | — | 902 | — | 1550 | 103 | |
| | | 8 | — | — | 1222 | — | 1602 | 100 | |
| 14.6 | p | 1 | 1460 | 752 | 1262 | — | 1589 | 099 | |
| | | 1 | 1465 | 812 | 1023 | 1065 | 1611 | 100 | |
| 14.8 | p | 2 | 1476 | 661 | 1358 | — | 1620 | 103 | |
| | | 3 | 1482 | 812 | 1350 | — | 1592 | 104 | |
| 15.0 | p | 2 | 1507 | 909 | 770 | 838 | 1608 | 108 | |
| | | 3 | 1503 | 961 | 1439 | 1372 | 1610 | 110 | |
| | | 4 | 1498 | 1003 | 1422 | 1415 | 1609 | 110 | |
| 15.2 | p | 4 | 1537 | 761 | 1279 | — | 1600 | 110 | |
| | | 5 | 1520 | 801 | 1013 | — | 1567 | 109 | |
| | | 5 | 1521 | 900 | 642 | 666 | 1602 | 110 | |
| | | 6 | 1528 | 992 | 1291 | — | 1593 | 112 | |
| | | 6 | 1521 | 1023 | 1239 | 1258 | 1592 | 106 | |
| | | 7 | 1529 | 1039 | 720 | — | 1593 | 120 | |
| | | 8 | 1522 | 1067 | 908 | — | 1539 | 118 | |
| 15.4 | p | 9 | 1551 | 541 | 908 | — | 1568 | 110 | |
| 15.6 | p | 10 | 1567 | 483 | 1378 | — | 1583 | 110 | |
| | | 11 | 1558 | 683 | 1240 | — | 1553 | 110 | |
| | | 7 | 1559 | 957 | 1149 | 1128 | 1605 | 119 | |
| | | 8 | 1558 | 960 | 1218 | 1280 | 1610 | 113 | |
| | | 12 | 1572 | 1047 | 1020 | — | 1603 | 111 | |
| 15.8 | p | 13 | 1589 | 661 | 1220 | — | 1590 | 117 | |

| Cl-Dk | Defl-Dk. | Defl-Dk. | Reduced | Reduced | Magn. | L. No. |
|-------|----------|----------|---------|---------|----------------------|--------|
| 1490 | 11 | — | 07 | — | | |
| 1490 | 66 | — | 34 | — | | |
| 1512 | 118 | — | 75 | — | | |
| 1518 | 208 | — | 137 | — | | |
| 1473 | 264 | — | 172 | — | | |
| 1466 | 399 | — | 272 | — | | |
| 1488 | 690 | — | 451 | — | | |
| 1447 | 799 | — | 552 | — | | |
| 1502 | 1122 | — | 748 | — | | |
| 1490 | 1163 | — | 781 | — | | 3a x |
| 1511 | 923 | 965 | 611 | 638 | 7.73, 7.83 | |
| 1517 | 1255 | — | 828 | — | | |
| 1488 | 1246 | — | 833 | — | | |
| 1500 | 662 | 730 | 442 | 487 | 7.07, 7.24 | |
| 1500 | 1329 | 1262 | 885 | 841 | off curve, off curve | |
| 1499 | 1312 | 1305 | 875 | 972 | off curve, off curve | |
| 1490 | 1169 | — | 785 | — | | |
| 1458 | 904 | — | 607 | — | | 926 x |
| 1492 | 532 | 556 | 357 | 373 | 6.77, 6.81 | |
| 1481 | 1179 | — | 795 | — | | |
| 1486 | 1133 | 1152 | 764 | 775 | 8.40, 8.44 | |
| 1473 | 600 | — | 408 | — | | 1030 x |
| 1421 | 790 | — | 537 | — | | 1043 x |
| 1458 | 798 | — | 547 | — | | 844 x |
| 1473 | 1268 | — | 860 | — | | |
| 1443 | 1130 | — | 783 | — | | 892 x |
| 1486 | 1030 | 1009 | 693 | 747 | 8.06, 8.30 | |
| 1497 | 1105 | 1167 | 738 | 779 | 8.26, 8.45 | |
| 1492 | 909 | — | 609 | — | | 1044 x |
| 1473 | 1103 | — | 699 | — | | 880 x |

186

8 GP - R H 1570 - Nov. 30, 1929

| Star | Class | Star | y | z | Def | Def | Cl | Sk | Vol |
|--------------|-------|------|------|------|------|------|------|-----|-----|
| 16.0 | p | 9 | 1591 | 803 | 1361 | 1471 | 1564 | 113 | |
| | p | 10 | 1607 | 453 | 952 | 953 | 1571 | 109 | |
| | p | 14 | 1601 | 469 | 1098 | — | 1558 | 113 | |
| | p | 11 | 1602 | 640 | 1090 | 1145 | 1558 | 112 | |
| 16.2 | p | 12 | 1597 | 1196 | 980 | 1098 | 1608 | 112 | 1 |
| | p | 13 | 1638 | 517 | 182 | 181 | 1570 | 104 | |
| | p | 15 | 1620 | 581 | 1433 | — | 1588 | 110 | |
| | p | 16 | 1622 | 781 | 1059 | — | 1587 | 111 | |
| | p | 14 | 1630 | 785 | 1401 | 1407 | 1588 | 112 | |
| | p | 15 | 1621 | 904 | 1381 | 1378 | 1552 | 119 | |
| | p | 16 | 1621 | 1034 | 1247 | 1228 | 1579 | 112 | |
| | p | 17 | 1621 | 1149 | 610 | 573 | 1613 | 118 | |
| 16.6 | p | 17 | 1673 | 450 | 1172 | — | 1566 | 119 | |
| | p | 18 | 1680 | 476 | 1201 | 1180 | 1547 | 120 | |
| | p | 19 | 1682 | 701 | 1192 | 1247 | 1558 | 122 | |
| | p | 20 | 1696 | 1280 | 731 | 731 | 1610 | 122 | |
| | | 10 | 2027 | 972 | 130 | — | 1558 | 120 | |
| | | 1 | 1709 | 797 | 180 | — | 1560 | 120 | |
| | | 2 | — | — | 2053 | — | 1599 | 120 | |
| | | 3 | — | — | 320 | — | 1611 | 121 | |
| | | 4 | — | — | 371 | — | 1551 | 121 | |
| | | 5 | — | — | 530 | — | 1571 | 120 | |
| | | 6 | — | — | 802 | — | 1587 | 120 | |
| | | 7 | — | — | 931 | — | 1558 | 118 | |
| | | 8 | — | — | 1207 | — | 1559 | 121 | 495 |
| FMC | | 18 | 2027 | 985 | 115 | — | 1569 | 108 | |
| RH 1570 | | 1 | 1709 | 808 | 159 | — | 1620 | 110 | |
| Dec. 2, 1929 | | 2 | — | — | 222 | — | 1608 | 113 | |
| | | 3 | — | — | 343 | — | 1625 | 120 | |
| | | 4 | — | — | 390 | — | 1565 | 118 | |

| Q.-Dk. | Diff.-Dk. | Diff.-Dk. | Reduced | Reduced | Magn. I. K _r |
|--------|-----------|-----------|---------|---------|-------------------------|
| 1454 | 1247 | 1358 | 858 | 934 | off curve, off curve |
| 1462 | 843 | 844 | 577 | 577 | off curve, off curve. |
| 1437 | 885 | — | 616 | — | 509 x. |
| 1438 | 978 | 1033 | 680 | 719 | 8.00, 8.18 |
| 1488 | 868 | 886 | 585 | 597 | 7.60, 7.67 |
| 1466 | 78 | 77 | 53 | 53 | 4.69, 4.69 |
| 1470 | 1323 | — | 902 | — | 840 x |
| 1476 | 948 | — | 643 | — | |
| 1468 | 1289 | 1295 | 877 | 882 | off curve, off curve |
| 1433 | 1262 | 1259 | 880 | 878 | off curve, off curve |
| 1467 | 1135 | 1176 | 773 | 762 | 8.43, 8.38 |
| 1495 | 492 | 455 | 330 | 304 | 6.67, 6.56 |
| 1447 | 1053 | — | 729 | — | |
| 1427 | 1081 | 1060 | 758 | 742 | 8.36, 8.29 |
| 1428 | 1070 | 1125 | 749 | 778 | 8.31, 8.45 |
| 1488 | 609 | 609 | 409 | 409 | 6.94, 6.94 |
| 1438 | 10 | — | 07 | — | |
| 1440 | 60 | — | 42 | — | |
| 1479 | 133 | — | 90 | — | |
| 1490 | 199 | — | 134 | — | |
| 1430 | 250 | — | 175 | — | |
| 1451 | 410 | — | 282 | — | |
| 1467 | 682 | — | 464 | — | |
| 1432 | 713 | — | 497 | — | |
| 1438 | 1086 | — | 756 | — | |
| 1461 | 07 | — | 05 | — | |
| 1510 | 49 | — | 33 | — | |
| 1485 | 109 | — | 74 | — | |
| 1506 | 223 | — | 148 | — | |
| 1447 | 272 | — | 158 | — | |

FMC RH 1570 Dec. 2, 1929

| Ship | Class | Star | γ | δ | Decl | Decl | U | Wk | Volts |
|------|-------|------|----------|----------|------|------|------|-----|-------|
| | | 5 | — | — | 510 | — | 1592 | 115 | |
| | | 6 | — | — | 798 | — | 1610 | 115 | |
| | | 7 | — | — | 939 | — | 1604 | 119 | |
| | | 8 | — | — | 1260 | — | 1607 | 120 | |
| 16.8 | f | 21 | 1681 | 712 | 1201 | 1244 | 1600 | 120 | |
| | f | 22 | 1699 | 830 | 1230 | 1211 | 1610 | 120 | |
| | f | 23 | 1692 | 1293 | 743 | 750 | 1610 | 120 | |
| 17.0 | f | 18 | 1710 | 546 | 1245 | — | 1625 | 121 | |
| | f | 24 | 1700 | 853 | 1150 | 1205 | 1618 | 124 | |
| | f | 25 | 1713 | 1058 | 600 | 553 | 1600 | 122 | |
| 17.2 | f | 19 | 1719 | 591 | 800 | — | 1601 | 123 | |
| | f | 26 | 1722 | 1290 | 340 | 345 | 1640 | 125 | |
| 17.6 | f | 27 | 1771 | 492 | 740 | 737 | 1600 | 125 | |
| | f | 28 | 1770 | 512 | 1020 | 1055 | 1590 | 127 | |
| | f | 29 | 1769 | 890 | 1053 | 1060 | 1615 | 130 | |
| | f | 20 | 1761 | 1059 | 903 | — | 1615 | 130 | |
| | f | 21 | 1770 | 1183 | 1105 | — | 1595 | 125 | |
| | f | 22 | 1779 | 1284 | 841 | — | 1639 | 127 | |
| 17.8 | f | 30 | 1793 | 780 | 1141 | 1139 | 1595 | 140 | |
| | f | 31 | 1791 | 1223 | 1009 | 1002 | 1630 | 141 | |
| 18.0 | f | 32 | 1813 | 318 | 978 | 991 | 1600 | 140 | |
| | f | 33 | 1802 | 923 | 491 | 410 | 1595 | 143 | |
| 18.2 | f | 34 | 1825 | 490 | 190 | 190 | 1590 | 149 | |
| 18.4 | f | 23 | 1849 | 581 | 1225 | — | 1591 | 143 | |
| | f | 35 | 1851 | 890 | 1015 | 1012 | 1614 | 142 | |
| | f | 36 | 1855 | 900 | 1158 | 1170 | 1613 | 148 | |
| | f | 37 | 1842 | 989 | 1020 | 1050 | 1615 | 140 | |
| | f | 38 | 1840 | 994 | 669 | 663 | 1640 | 140 | |
| | f | 24 | 1850 | 1122 | 1269 | — | 1629 | 140 | |
| | f | 39 | 1859 | 1314 | 860 | 863 | 1617 | 140 | |

| Cl.-Dk. | Refl.-Dk. | Defl.-Dk. | Reduced | Reduced Magn. | L. No. |
|---------|-----------|-----------|---------|---------------|-------------------------------------|
| 1477 | 395 | — | 267 | — | 791 |
| 1495 | 683 | — | 457 | — | |
| 1485 | 820 | — | 553 | — | |
| 1487 | 1140 | — | 767 | — | |
| 1480 | 1081 | 1124 | 730 | 759 | 8.06, 8.19 |
| 1490 | 1110 | 1091 | 746 | 733 | 8.11, 8.06 |
| 1496 | 623 | 631 | 418 | 423 | 6.97, 6.99 |
| 1504 | 1124 | — | 746 | — | 791x |
| 1494 | 1026 | 1081 | 687 | 723 | 7.86, 8.02 |
| 1478 | 478 | 431 | 324 | 292 | 6.64, 6.53 |
| 1478 | 677 | — | 459 | — | 805v |
| 1515 | 215 | 220 | 142 | 145 | 5.74, 5.75 8.10, 8.12 |
| 1475 | 615 | 612 | 417 | 414 | 6.96, 6.94 |
| 1463 | 893 | 928 | 610 | 635 | 7.59, 7.68 |
| 1485 | 923 | 930 | 621 | 627 | 7.63, 7.66 |
| 1485 | 773 | — | 520 | — | 1109v |
| 1470 | 980 | — | 668 | — | 1166v |
| 1512 | 714 | — | 472 | — | 1208x |
| 1455 | 1001 | 999 | 687 | 686 | 7.86, 7.84 |
| 1489 | 868 | 861 | 583 | 579 | 7.51, 7.49 |
| 1460 | 838 | 851 | 573 | 583 | 7.47, 7.50 |
| 1452 | 348 | 267 | 239 | 184 | 6.34, 6.04 |
| 1441 | 41 | 41 | 28 | 28 | 4.10, 4.10 |
| 1448 | 1082 | — | 747 | — | 748v |
| 1472 | 873 | 870 | 592 | 592 | 7.63, 7.53 |
| 1465 | 1000 | 1022 | 683 | 698 | 7.84, 7.90 |
| 1475 | 870 | 910 | 589 | 617 | 7.51, 7.62 |
| 1500 | 529 | 523 | 353 | 349 | 6.74, 6.71 |
| 1489 | 1129 | — | 758 | — | 1189v |
| 1477 | 720 | 723 | 487 | 490 | 7.19, 7.22 |

190

Fmc RH 1570 Dec. 2, 1929

| strip | class | star | y | + | Defl | Defl | e | Dr | Volch |
|-------|-------|------|------|-----|------|------|------|-----|-------|
| | | 18 | 2027 | 985 | 152 | — | 1532 | 145 | |
| | | 1 | 1709 | 808 | 195 | — | 1629 | 143 | |
| | | 2 | — | — | 297 | — | 1615 | 143 | |
| | | 3 | — | — | 353 | — | 1628 | 143 | |
| | | 4 | — | — | 401 | — | 1565 | 143 | |
| | | 5 | — | — | 540 | — | 1598 | 145 | |
| | | 6 | — | — | 819 | — | 1629 | 142 | |
| | | 7 | — | — | 910 | — | 1570 | 142 | |
| | | 8 | — | — | 1245 | — | 1603 | 146 | |

MKD. RH 1570 Dec. 3, 1929

| | | | | | | | | | |
|--|----|----|------|------|------|------|------|-----|--|
| note! volt meter dropped to fr 5.2 5.0 battery needs charging | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 18.6 | fp | 25 | 1870 | 269 | 730 | — | 1565 | 130 | |
| | f | 40 | 1860 | 789 | 560 | 560 | 1570 | 120 | |
| | f | 41 | 1870 | 980 | 1190 | 1215 | 1575 | 125 | |
| | fp | 26 | 1878 | 1050 | 1055 | — | 1580 | 120 | |
| | fp | 27 | 1870 | 1223 | 675 | — | 1629 | 130 | |
| | fp | 28 | 1870 | 1249 | 860 | — | 1610 | 130 | |
| | f | 42 | 1859 | 1313 | 830 | 832 | 1590 | 129 | |
| | | 18 | 2027 | 985 | 130 | — | 1540 | 130 | |
| | | 1 | 1709 | 808 | 180 | — | 1565 | 122 | |
| | | 2 | — | — | 242 | — | 1610 | 130 | |

| Cl.-Db. | Depl.-Db. | Depl.-Db. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|-------------------|
| 1387 | 07 | — | 05 | — | | |
| 1486 | 52 | — | 35 | — | | |
| 1472 | 154 | — | 105 | — | | |
| 1485 | 210 | — | 141 | — | | |
| 1422 | 258 | — | 181 | — | | |
| 1453 | 395 | — | 271 | — | | |
| 1487 | 677 | — | 456 | — | | |
| 1428 | 768 | — | 538 | — | | |
| 1457 | 1099 | — | 754 | — | | |
| | | | | | | |
| 1445 | 10 | — | 07 | — | | |
| 1460 | 50 | — | 34 | — | | |
| 1500 | 120 | — | 80 | — | | |
| 1523 | 208 | — | 137 | — | | |
| 1476 | 240 | — | 163 | — | | |
| 1451 | 422 | — | 290 | — | | |
| 1496 | 648 | — | 433 | — | | |
| 1460 | 765 | — | 624 | — | | |
| 1482 | 1107 | — | 447 | — | | |
| 1435 | 600 | — | 418 | — | | |
| 1450 | 740 | 440 | 304 | 304 | 6.60, 6.50 | 699 _x |
| 1450 | 1068 | 1090 | 736 | 762 | 8.21, 8.30 | |
| 1460 | 935 | — | 64 | — | | 1171 _v |
| 1499 | 545 | — | 364 | — | | 1242 _v |
| 1480 | 730 | — | 493 | — | | 1251 _v |
| 1461 | 701 | 703 | 480 | 481 | 7.15, 7.16 | |
| 1410 | 0 | — | 0 | — | | |
| 1443 | 58 | — | 40 | — | | |
| 1480 | 112 | — | 76 | — | | |

192

mdd RH 1570 Dec. 3, 1929.

Strip Class
multimeter
too unsteady

| Star | π | π | Defe | Defe | Cl | Sk |
|------|-------|-------|------|------|------|-----|
| 3 | — | — | 338 | — | 1600 | 128 |
| 4 | — | — | 370 | — | 1570 | 120 |
| 5 | — | — | 580 | — | 1575 | 130 |
| 6 | — | — | 765 | — | 1610 | 130 |
| 7 | — | — | 960 | — | 1550 | 130 |
| 8 | — | — | 1240 | — | 1600 | 130 |

FMC
RH 1570
Dec. 3, 1929

| | | | | | | |
|----|------|-----|------|---|------|-----|
| 15 | 2027 | 985 | 138 | — | 1547 | 130 |
| 1 | 1709 | 808 | 172 | — | 1580 | 127 |
| 2 | — | — | 239 | — | 1563 | 125 |
| 3 | — | — | 320 | — | 1568 | 123 |
| 4 | — | — | 372 | — | 1510 | 123 |
| 5 | — | — | 550 | — | 1560 | 121 |
| 6 | — | — | 785 | — | 1560 | 128 |
| 7 | — | — | 870 | — | 1550 | 128 |
| 8 | — | — | 1222 | — | 1569 | 129 |

| | | | | | | | | |
|------|---|----|------|------|------|------|------|-----|
| 18.8 | f | 43 | 1890 | 271 | 811 | 772 | 1500 | 129 |
| | p | 29 | 1889 | 690 | 1233 | — | 1533 | 130 |
| | f | 44 | 1881 | 726 | 951 | 940 | 1558 | 130 |
| | p | 30 | 1880 | 1212 | 929 | — | 1538 | 130 |
| 19.0 | f | 45 | 1911 | 370 | 1206 | 1208 | 1509 | 130 |
| | f | 46 | 1902 | 419 | 900 | 900 | 1550 | 130 |
| | p | 31 | 1910 | 540 | 1042 | — | 1530 | 130 |
| | f | 47 | 1900 | 658 | 1229 | 1259 | 1530 | 130 |
| | f | 48 | 1901 | 1065 | 731 | 728 | 1539 | 130 |
| | f | 49 | 1910 | 1173 | 1250 | 1280 | 1582 | 131 |
| 19.2 | p | 32 | 1927 | 310 | 1210 | — | 1490 | 132 |
| | f | 33 | 1920 | 883 | 1190 | — | 1553 | 133 |
| | p | 34 | 1932 | 1187 | 1200 | — | 1580 | 140 |
| | p | 35 | 1921 | 1213 | 690 | — | 1560 | 139 |

| cl.-dk. | depl.-dk. | Depl.-dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|-------------------|
| 1472 | 210 | — | 143 | — | | |
| 1450 | 250 | — | 172 | — | | |
| 1445 | 450 | — | 312 | — | | |
| 1480 | 635 | — | 428 | — | | |
| 1420 | 830 | — | 584 | — | | |
| 1470 | 1110 | — | 736 | — | | |
| 1417 | 08 | — | 06 | — | | |
| 1453 | 45 | — | 31 | — | | |
| 1438 | 114 | — | 79 | — | | |
| 1445 | 197 | — | 136 | — | | |
| 1387 | 249 | — | 180 | — | | |
| 1439 | 429 | — | 298 | — | | |
| 1432 | 657 | — | 458 | — | | |
| 1428 | 742 | — | 579 | — | | |
| 1440 | 1093 | — | 760 | — | | |
| 1371 | 682 | 643 | 497 | 468 | 7.07, 6.97 | |
| 1403 | 1103 | — | 787 | — | | 765 _v |
| 1428 | 821 | 810 | 575 | 568 | 7.33, 7.30 | |
| 1408 | 799 | — | 567 | — | | 1246 _v |
| 1379 | 1076 | 1078 | 781 | 782 | 8.26, 8.27 | |
| 1420 | 770 | 770 | 543 | 542 | 7.23, 7.22 | |
| 1400 | 912 | — | 652 | — | | 713 _v |
| 1400 | 1099 | 1129 | 785 | 807 | 8.29, 8.45 | |
| 1409 | 601 | 598 | 427 | 425 | 6.82, 6.81 | |
| 1451 | 1119 | 1149 | 770 | 793 | 8.19, 8.34 | |
| 1358 | 1078 | — | 795 | — | | 683 _x |
| 1420 | 1057 | — | 745 | — | | 2 _x |
| 1440 | 1060 | — | 737 | — | | fl _v |
| 1421 | 551 | — | 388 | — | | 1279 _v |

194

Fmc RH 1570 Dec. 3, 1929

| Trip | Class | Star | y | r | Diff | Diff | a | Sh | Vel |
|------|-------|------|------|------|------|------|------|-----|-----|
| 19.4 | p | 36 | 1950 | 363 | 1120 | — | 1539 | 135 | |
| | f | 50 | 1940 | 772 | 372 | 370 | 1530 | 131 | |
| | f | 51 | 1941 | 899 | 1000 | 1001 | 1532 | 135 | |
| | f | 52 | 1949 | 1110 | 1155 | 1172 | 1555 | 138 | |
| 19.6 | p | 37 | 1960 | 440 | 1109 | — | 1532 | 141 | |
| | f | 53 | 1960 | 1080 | 949 | 940 | 1583 | 140 | |
| | f | 54 | 1959 | 1291 | 1252 | 1280 | 1555 | 141 | |
| | f | 55 | 1965 | 1366 | 1170 | 1160 | 1570 | 140 | |
| | p | 38 | 1960 | 1410 | 989 | — | 1579 | 139 | |
| 19.8 | f | 56 | 1981 | 680 | 325 | 310 | 1570 | 140 | |
| | f | 57 | 1990 | 1180 | 921 | 930 | 1590 | 141 | |
| 20.0 | p | 39 | 2000 | 542 | 1190 | — | 1550 | 141 | |
| | f | 58 | 2008 | 1251 | 882 | 911 | 1560 | 145 | |
| | p | 40 | 2018 | 1265 | 290 | — | 1572 | 142 | |
| | f | 59 | 2002 | 1283 | 920 | 910 | 1570 | 142 | |
| | p | 41 | 2011 | 1418 | 710 | — | 1599 | 145 | |
| 20.2 | p | 42 | 2020 | 318 | 241 | — | 1520 | 141 | |
| | f | 60 | 2020 | 415 | 575 | 560 | 1530 | 142 | |
| | p | 43 | 2039 | 531 | 930 | — | 1555 | 145 | |
| | f | 61 | 2031 | 702 | 1070 | 1060 | 1521 | 142 | |
| | f | 62 | 2025 | 810 | 220 | 220 | 1515 | 139 | |
| | f | 63 | 2030 | 890 | 750 | 750 | 1545 | 140 | |
| | p | 44 | 2020 | 1181 | 833 | — | 1575 | 141 | |
| | f | 64 | 2025 | 1265 | 1072 | 1080 | 1570 | 149 | |
| 20.4 | p | 45 | 2043 | 340 | 1091 | — | 1539 | 143 | |
| | p | 46 | 2058 | 600 | 700 | — | 1555 | 145 | |
| | p | 47 | 2039 | 714 | 629 | — | 1531 | 148 | |
| | f | 65 | 2040 | 911 | 1203 | 1205 | 1543 | 149 | |
| 20.6 | p | 48 | 2069 | 654 | 1128 | — | 1528 | 150 | |
| | f | 66 | 2060 | 950 | 1169 | 1190 | 1559 | 150 | |

| Cl.-Dk. | Deff.-Dk. | Deff.-Dk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|----------------|
| 14 04 | 985 | — | 702 | — | — | 681 x |
| 1399 | 241 | 239 | 172 | 171 | 5.92, 5.92 | |
| 1397 | 865 | 866 | 619 | 620 | 7.48, 7.49 | |
| 1417 | 1017 | 1037 | 717 | 730 | 7.90, 7.97 | |
| 1391 | 968 | — | 696 | — | — | 679 v |
| 1443 | 809 | 800 | 561 | 554 | 7.28, 7.26 | |
| 1414 | 1111 | 1139 | 785 | 805 | 8.28, 8.44 | |
| 1430 | 1030 | 1020 | 722 | 713 | 7.93, 7.88 | |
| 1440 | 850 | — | 592 | — | — | 23 x |
| 1430 | 185 | 170 | 129 | 119 | 5.65, 5.57 | |
| 1449 | 770 | 789 | 532 | 545 | 7.19, 7.23 | |
| 1409 | 1049 | — | 745 | — | — | 664 x |
| 1415 | 737 | 766 | 522 | 542 | 7.15, 7.22 | |
| 1430 | 148 | — | 107 | — | — | 56 v |
| 1428 | 778 | 768 | 546 | 538 | 7.24, 7.21 | |
| 1454 | 565 | — | 389 | — | — | 51 x |
| 1379 | 100 | — | 73 | — | — | 660 x |
| 1388 | 433 | 418 | 312 | 301 | 6.48, 6.45 | 660 |
| 1410 | 785 | — | 587 | — | — | 642 v |
| 1379 | 928 | 918 | 673 | 667 | 7.71, 7.67 | |
| 1376 | 81 | 81 | 59 | 59 | 4.91, 4.91 | |
| 1405 | 610 | 610 | 434 | 434 | 6.85, 6.85 | |
| 1434 | 692 | — | 484 | — | — | 62 v |
| 1421 | 923 | 931 | 648 | 654 | 7.58, 7.62 | |
| 1396 | 948 | — | 679 | — | — | 647 x |
| 1410 | 655 | — | 465 | — | — | 625 v |
| 1383 | 681 | — | 493 | — | — | 627 v |
| 1394 | 1054 | 1056 | 757 | 758 | 8.11, 8.12 | |
| 1378 | 978 | — | 711 | — | — | 601 v |
| 1409 | 1019 | 1040 | 723 | 738 | 7.73, 8.00 | |

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FMC RH 1570

Dec. 3, 1929

| Ship | class | star | y | x | Diff | Diff | ce | dk | valt |
|------|-------|------|------|------|------|------|------|-----|------|
| 20.6 | f | 67 | 2072 | 1040 | 895 | 890 | 1581 | 150 | |
| | f | 68 | 2061 | 1150 | 580 | 590 | 1570 | 150 | |
| 20.8 | f | 49 | 2090 | 529 | 678 | — | 1560 | 150 | |
| | f | 69 | 2080 | 611 | 1198 | 1202 | 1550 | 150 | |
| | | 15 | 2027 | 985 | 160 | — | 1520 | 150 | |
| | | 1 | 1709 | 808 | 193 | — | 1579 | 148 | |
| | | 2 | — | — | 258 | — | 1560 | 145 | |
| | | 3 | — | — | 340 | — | 1569 | 150 | |
| | | 4 | — | — | 400 | — | 1575 | 150 | |
| | | 5 | — | — | 590 | — | 1548 | 145 | |
| | | 6 | — | — | 860 | — | 1569 | 150 | |
| | | 7 | — | — | 1010 | — | 1550 | 150 | |
| | | 8 | — | — | 1268 | — | 1560 | 145 | |

21.0 - RH 1570 - Dec. 3, 1929

| | | | | | | | |
|----|------|-----|------|---|------|-----|-----|
| 15 | 2027 | 985 | 143 | — | 1507 | 138 | 500 |
| 1 | 1709 | 805 | 180 | — | 1574 | 139 | |
| 2 | — | — | 249 | — | 1581 | 139 | |
| 3 | — | — | 340 | — | 1563 | 129 | |
| 4 | — | — | 359 | — | 1521 | 131 | |
| 5 | — | — | 555 | — | 1530 | 132 | |
| 6 | — | — | 782 | — | 1568 | 140 | |
| 7 | — | — | 872 | — | 1523 | 129 | |
| 8 | — | — | 1192 | — | 1550 | 131 | |

| | | | | | | | | | |
|------|---|----|------|------|------|------|------|-----|--|
| 21.0 | f | 70 | 2100 | 682 | 1318 | 1340 | 1509 | 141 | |
| | f | 71 | 2102 | 688 | 901 | 930 | 1513 | 134 | |
| | f | 72 | 2102 | 1001 | 1101 | 1111 | 1550 | 141 | |
| | f | 50 | 2100 | 1351 | 1200 | — | 1587 | 150 | |
| 21.2 | f | 73 | 2120 | 348 | 1309 | 1322 | 1547 | 138 | |
| | f | 74 | 2120 | 449 | 1313 | 1350 | 1521 | 139 | |
| | f | 75 | 2121 | 453 | 1437 | 1380 | 1513 | 143 | |

| Cl-De | Depl-De | Depl-De | Reduced | Reduced | Magn. | L. No. |
|-------|---------|---------|---------|---------|----------------------|--------|
| 1431 | 745 | 740 | 521 | 517 | 7.16, 7.13 | |
| 1426 | 438 | 440 | 203 | 310 | 6.47, 6.51 | |
| 1410 | 523 | — | 371 | — | | 606x |
| 1400 | 1048 | 1032 | 748 | 750 | 8.06, 8.07 | |
| 1370 | 10 | — | 07 | — | | |
| 1431 | 45 | — | 32 | — | | |
| 1415 | 113 | — | 80 | — | | |
| 1419 | 190 | — | 134 | — | | |
| 1425 | 250 | — | 175 | — | | |
| 1403 | 445 | — | 317 | — | | |
| 1419 | 710 | — | 501 | — | | |
| 1400 | 860 | — | 614 | — | | |
| 1415 | 1123 | — | 795 | — | | |
| 1369 | 05 | — | 04 | — | | |
| 1435 | 41 | — | 29 | — | | |
| 1442 | 110 | — | 76 | — | | |
| 1434 | 211 | — | 149 | — | | |
| 1390 | 228 | — | 164 | — | | |
| 1398 | 423 | — | 303 | — | | |
| 1428 | 642 | — | 450 | — | | |
| 1394 | 743 | — | 633 | — | | |
| 1419 | 1061 | — | 749 | — | | |
| 1368 | 1179 | 1199 | 860 | 876 | off curve, off curve | |
| 1379 | 767 | 696 | 657 | 505 | 7.46, 7.27 | |
| 1409 | 960 | 770 | 683 | 688 | 7.90, 7.95 | |
| 1437 | 1100 | — | 765 | — | | 90x |
| 1409 | 1171 | 1184 | 833 | 843 | off curve, off curve | |
| 1382 | 1174 | 1211 | 850 | 816 | off curve, off curve | |
| 1390 | 1244 | 1237 | 946 | 903 | off curve, off curve | |

198

2120 - R H 1570 - Dec. 3, 1929

| Temp | Class | Star | α | δ | Diff. | Diff. | Cl | Sk | Notes |
|------|-------|------|----------|----------|-------|-------|------|-----|-------|
| | p | 51 | 2130 | 483 | 1390 | — | 1526 | 141 | |
| | p | 52 | 2121 | 533 | 1361 | — | 1537 | 141 | |
| | p | 76 | 2132 | 700 | 1178 | 1181 | 1503 | 139 | |
| | p | 77 | 2129 | 937 | 1300 | 1380 | 1551 | 141 | |
| | p | 53 | 2137 | 1290 | 1058 | — | 1568 | 141 | |
| 21.4 | p | 78 | 2153 | 270 | 1240 | 1290 | 1479 | 143 | |
| | p | 79 | 2148 | 322 | 1110 | 1077 | 1512 | 137 | |
| | p | 54 | 2139 | 548 | 1010 | — | 1520 | 139 | |
| | p | 80 | 2150 | 592 | 952 | 983 | 1531 | 134 | |
| | p | 55 | 2147 | 996 | 1372 | — | 1547 | 132 | |
| | p | 81 | 2140 | 1111 | 1372 | 1359 | 1540 | 130 | |
| | p | 56a | 2141 | 1155 | 1125 | — | 1520 | 129 | |
| | p | 82 | 2140 | 1345 | 1202 | 1272 | 1537 | 129 | |
| 21.6 | p | 83 | 2153 | 270 | 1253 | 1282 | 1480 | 121 | |
| | p | 84 | 2164 | 331 | 913 | 934 | 1500 | 130 | |
| | p | 56b | 2172 | 470 | 1120 | — | 1497 | 131 | |
| | p | 57 | 2171 | 563 | 880 | — | 1534 | 131 | |
| | p | 85 | 2157 | 719 | 729 | 723 | 1503 | 121 | |
| | p | 86 | 2163 | 1031 | 1258 | 1312 | 1553 | 132 | |
| 21.8 | p | 87 | 2183 | 427 | 417 | 420 | 1507 | 120 | |
| | p | 88 | 2191 | 472 | 1263 | 1360 | 1508 | 132 | |
| | p | 89 | 2178 | 531 | 1298 | 1273 | 1523 | 128 | |
| | p | 58 | 2183 | 559 | 1220 | — | 1530 | 123 | |
| | p | 90 | 2193 | 641 | 1303 | 1350 | 1487 | 121 | |
| | p | 91 | 2190 | 690 | 1288 | 1359 | 1521 | 129 | |
| | p | 92 | 2181 | 986 | 1268 | 1342 | 1529 | 123 | |
| | p | 59 | 2178 | 1267 | 1150 | — | 1531 | 119 | |
| | p | 93 | 2180 | 1367 | 971 | 1013 | 1539 | 120 | |
| | p | 94 | 2195 | 1383 | 393 | 416 | 1519 | 120 | |
| 22.0 | p | 60 | 2208 | 629 | 1269 | — | 1523 | 124 | |

| Cl.-Dr. | Defl.-Dr. | Defl.-Dr. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|----------------------|--------|
| 1385 | 1249 | — | 907 | — | | |
| 1396 | 1220 | — | 882 | — | | |
| 1364 | 1039 | 1042 | 759 | 763 | 8.20, 8.23 | |
| 1410 | 1159 | 1239 | 821 | 880 | off curve, off curve | |
| 1424 | 917 | — | 642 | — | | 118✓ |
| 1336 | 1121 | 1147 | 844 | 861 | off curve, off curve | |
| 1375 | 973 | 940 | 710 | 184 | 8.00, 7.90 | |
| 1381 | 871 | — | 630 | — | | 587✓ |
| 1397 | 818 | 849 | 585 | 809 | 7.55, 7.62 | |
| 1415 | 1240 | — | 187 | — | | |
| 1410 | 1242 | 1229 | 878 | 871 | off curve, off curve | |
| 1391 | 996 | — | 717 | — | | h✓ |
| 1408 | 1083 | 1143 | 770 | 813 | 8.26, off curve | |
| 1359 | 1132 | 1161 | 836 | 856 | off curve, off curve | |
| 1370 | 783 | 804 | 572 | 588 | 7.50, 7.56 | |
| 1366 | 989 | — | 721 | — | | 583✓ |
| 1406 | 749 | — | 582 | — | | 570✓ |
| 1382 | 608 | 602 | 440 | 436 | 7.03, 7.00 | |
| 1421 | 1126 | 1180 | 794 | 831 | 8.37, off curve | |
| 1387 | 297 | 300 | 214 | 217 | 6.23, 6.26 | |
| 1376 | 1131 | 1228 | 824 | 892 | off curve, off curve | |
| 1395 | 1171 | 1145 | 840 | 1823 | off curve, off curve | |
| 1407 | 1097 | — | 778 | — | | |
| 1366 | 1182 | 1229 | 864 | 896 | off curve, off curve | |
| 1392 | 1159 | 1230 | 831 | 886 | off curve, off curve | |
| 1406 | 1145 | 1219 | 814 | 865 | off curve, off curve | |
| 1412 | 1031 | — | 731 | — | | b✓ |
| 1419 | 851 | 893 | 600 | 630 | 7.59, 7.71 | |
| 1399 | 273 | 296 | 197 | 213 | 6.11, 6.23 | |
| 1399 | 1145 | — | 820 | — | | |

200

Agp. C 74 1570 - Dec. 3, 1929

| trip | Class | Star | y | z | Diff | Diff | Cl | Lk | Potts |
|------|-------|---------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|-------|
| | | 95 | 2213 | 629 | 1150 | 1150 | 1516 | 131 | |
| | | 61 | 2210 | 728 | 242 | — | 1508 | 130 | |
| | | 96 | 2210 | 881 | 1257 | 1282 | 1517 | 131 | |
| | | 97 | 2198 | 1257 | 1383 | 1380 | 1540 | 131 | |
| | | 98 | 2180 | 1367 | 792 | 1007 | 1548 | 133 | |
| | | 98 | 2196 | 1383 | 424 | 432 | 1517 | 131 | |
| 22.2 | | 99 | 2230 | 429 | 788 | 800 | 1477 | 132 | |
| | | 100 | 2230 | 533 | 939 | 950 | 1519 | 139 | |
| | | 101 | 2230 | 557 | 1250 | 1207 | 1529 | 138 | |
| | | 102 | 2220 | 696 | 1310 | 1373 | 1506 | 138 | |
| | | 103 | 2220 | 789 | 1238 | 1281 | 1510 | 140 | |
| | | 104 | 2234 | 787 | 1300 | 1340 | 1530 | 140 | |
| | | 105 | 2229 | 813 | 1257 | 1257 | 1522 | 141 | |
| | | 62 | 2230 | 1131 | 418 | — | 1560 | 139 | |
| | | 106 | 2220 | 1387 | 1213 | 1217 | 1560 | 142 | |
| 22.4 | | 107 | 2249 | 543 | 1028 | 1028 | 1513 | 143 | |
| | | 108 | 2240 | 556 | 1037 | 1047 | 1503 | 141 | |
| | | 109 | 2252 | 938 | 870 | 860 | 1511 | 142 | |
| | | 110 | 2241 | 1111 | 861 | 884 | 1542 | 143 | |
| | | 10 | 2027 | 985 | 153 | — | 1492 | 145 | |
| | | 1 | 1709 | 805 | 190 | — | 1517 | 143 | |
| | | 2 | — | — | 257 | — | 1559 | 143 | |
| | | 3 | — | — | 346 | — | 1560 | 142 | |
| | | 4 | — | — | 380 | — | 1521 | 143 | |
| | | 5 | — | — | 519 | — | 1523 | 147 | |
| | | 6 | — | — | 780 | — | 1563 | 148 | |
| | | 7 | — | — | 917 | — | 1502 | 149 | |
| | | 8 | — | — | 1253 | — | 1553 | 150 | 490 |

| cl.-Sk. | Depl.-Sk. | Depl.-Sk. | Reduced | Reduced | Magn. L. No. |
|---------|-----------|-----------|---------|---------|----------------------|
| 1385 | 1019 | 1019 | 734 | 734 | 8.10, 8.10 |
| 1378 | 112 | — | 81 | — | 496x |
| 1386 | 1126 | 1151 | 812 | 829 | off curve, off curve |
| 1409 | 1252 | 1249 | 886 | 884 | off curve, off curve |
| 1386 | 296 | 301 | 214 | 218 | 6.22, 6.25 |
| 1346 | 656 | 668 | 487 | 495 | 7.19, 7.23 |
| 1380 | 800 | 811 | 580 | 586 | 7.53, 7.57 |
| 1391 | 1112 | 1069 | 798 | 770 | 8.39, 8.26 |
| 1368 | 1172 | 1235 | 854 | 894 | off curve, off curve |
| 1370 | 1098 | 1141 | 800 | 833 | 8.41, off curve |
| 1390 | 1160 | 1200 | 832 | 863 | off curve, off curve |
| 1381 | 1116 | 1116 | 807 | 807 | 8.44, 8.44 |
| 1421 | 279 | — | 196 | — | 205x |
| 1415 | 1071 | 1075 | 757 | 769 | 8.20, 8.22 |
| 1370 | 885 | 885 | 647 | 647 | 7.76, 7.76 |
| 1362 | 896 | 906 | 657 | 663 | 7.80, 7.84 |
| 1369 | 728 | 718 | 530 | 523 | 7.35, 7.32 |
| 1399 | 715 | 744 | 574 | 532 | 7.30, 7.36 |
| 1347 | 08 | — | 06 | — | |
| 1374 | 47 | — | 34 | — | |
| 1416 | 114 | — | 81 | — | |
| 1418 | 204 | — | 144 | — | |
| 1378 | 237 | — | 173 | — | |
| 1376 | 372 | — | 271 | — | |
| 1415 | 632 | — | 447 | — | |
| 1353 | 768 | — | 567 | — | |
| 1403 | 1103 | — | 784 | — | |

Q4 1570 - Dec. 4, 1929 - 218

| Ship | Class | Star | γ | δ | Diff | Depl | Cl | Diff | Notes |
|------|-------|------|----------|----------|------|------|------|------|-------|
| | | 10 | 2027 | 983 | 092 | — | 1580 | 089 | 515 |
| | | 1 | 1709 | 808 | 139 | — | 1587 | 090 | |
| | | 2 | — | — | 210 | — | 1638 | 091 | |
| | | 3 | — | — | 308 | — | 1632 | 092 | |
| | | 4 | — | — | 351 | — | 1591 | 097 | |
| | | 5 | — | — | 533 | — | 1604 | 099 | |
| | | 6 | — | — | 792 | — | 1631 | 097 | |
| | | 7 | — | — | 940 | — | 1572 | 095 | |
| | | 8 | — | — | 1238 | — | 1630 | 100 | |
| 22.6 | p | 63 | 2269 | 872 | 578 | — | 1608 | 100 | |
| | f | 111 | 2269 | 882 | 1348 | 1358 | 1597 | 103 | |
| | f | 112 | 2268 | 996 | 851 | 845 | 1597 | 109 | |
| | f | 113 | 2269 | 1088 | 1453 | 1437 | 1623 | 111 | |
| | f | 114 | 2260 | 1310 | 1339 | 1369 | 1614 | 104 | |
| 22.8 | f | 115 | 2293 | 1053 | 1240 | 1286 | 1610 | 111 | |
| | f | 116 | 2295 | 1181 | 1272 | 1248 | 1600 | 111 | |
| | p | 64 | 2291 | 1289 | 509 | — | 1640 | 109 | |
| 23.0 | p | 65 | 2311 | 322 | 1158 | — | 1587 | 110 | |
| | p | 66 | 2300 | 506 | 1217 | — | 1589 | 111 | |
| | p | 67 | 2302 | 933 | 1011 | — | 1611 | 111 | |
| | f | 117 | 2301 | 1051 | 1321 | 1372 | 1636 | 111 | |
| | p | 68 | 2311 | 1059 | 1191 | — | 1634 | 113 | |
| | f | 118 | 2304 | 1248 | 1399 | 1372 | 1627 | 113 | |
| 23.2 | f | 119 | 2320 | 331 | 1197 | 1143 | 1560 | 112 | |
| | p | 69 | 2317 | 502 | 365 | — | 1600 | 109 | |
| | f | 120 | 2332 | 613 | 348 | 327 | 1593 | 107 | |
| | f | 121 | 2321 | 689 | 1090 | 1097 | 1573 | 103 | |
| | p | 70 | 2322 | 849 | 1230 | — | 1581 | 111 | |
| | p | 71 | 2328 | 851 | 1379 | — | 1598 | 110 | |
| | p | 72 | 2332 | 1163 | 701 | — | 1612 | 110 | |

| α -Sk | Defl.-St. | Defl.-Sk | Reduced | Reduced | Magn. L.No. |
|--------------|-----------|----------|---------|---------|----------------------|
| 1491 | 03 | — | 02 | — | |
| 1397 | 49 | — | 35 | — | |
| 1447 | 119 | — | 83 | — | |
| 1540 | 216 | — | 141 | — | |
| 1494 | 254 | — | 170 | — | |
| 1505 | 434 | — | 287 | — | |
| 1534 | 695 | — | 454 | — | |
| 1477 | 845 | — | 573 | — | |
| 1530 | 1138 | — | 742 | — | |
| 1508 | 478 | — | 315 | — | 376 _v |
| 1494 | 1245 | 1255 | 833 | 840 | off curve, off curve |
| 1488 | 742 | 736 | 500 | 494 | 7.23, 7.19 |
| 1512 | 1342 | 1326 | 886 | 874 | off curve, off curve |
| 1510 | 1229 | 1265 | 814 | 839 | off curve, off curve |
| 1490 | 1159 | 1175 | 778 | 787 | 8.48, 8.53 |
| 1489 | 1161 | 1137 | 779 | 760 | 8.49, 8.37 |
| 1531 | 400 | — | 262 | — | 183 _x |
| 1477 | 1048 | — | 716 | — | |
| 1478 | 1106 | — | 752 | — | 541 _v ? |
| 1500 | 900 | — | 600 | — | 338 _v |
| 1525 | 1210 | 1261 | 791 | 827 | 8.56, off curve |
| 1524 | 1078 | — | 705 | — | 274 _v |
| 1514 | 1286 | 1259 | 852 | 830 | off curve, off curve |
| 1448 | 1085 | 1031 | 749 | 713 | 8.30, 8.11 |
| 1491 | 256 | — | 172 | — | 536 _x |
| 1486 | 241 | 220 | 163 | 148 | 5.93, 5.85 |
| 1470 | 987 | 994 | 671 | 678 | 7.93, 7.96 |
| 1470 | 1119 | — | 774 | — | |
| 1488 | 1269 | — | 853 | — | |
| 1502 | 591 | — | 394 | — | 240 _v |

204

2JP - R H 1570 - Dec. 4, 1929

| strip | Chis | Star | y | z | Dypl | Dypl | Cl | Dk | Notes |
|-------|------|------|-----|------|------|------|------|------|-------|
| | | | 122 | 2319 | 1249 | 1266 | 1223 | 1577 | 117 |
| 23.4 | | | 123 | 2352 | 538 | 1152 | 1167 | 1610 | 119 |
| | | | 124 | 2349 | 640 | 771 | 761 | 1568 | 119 |
| | p | | 73 | 2348 | 1061 | 610 | — | 1627 | 120 |
| | p | | 74 | 2340 | 1129 | 1381 | — | 1618 | 120 |
| 23.6 | | | 125 | 2362 | 361 | 1309 | 1318 | 1580 | 126 |
| | p | | 75 | 2376 | 511 | 1097 | — | 1609 | 127 |
| | p | | 76 | 2368 | 563 | 1394 | — | 1598 | 130 |
| | p | | 77 | 2362 | 573 | 1370 | — | 1583 | 128 |
| | | | 126 | 2370 | 573 | 1404 | 1403 | 1562 | 128 |
| | p | | 78 | 2368 | 779 | 1210 | — | 1579 | 123 |
| | | | 127 | 2359 | 934 | 990 | 1042 | 1550 | 122 |
| | | | 128 | 2366 | 979 | 1303 | 1311 | 1623 | 129 |
| | p | | 79 | 2378 | 1050 | 563 | — | 1560 | 121 |
| | p | | 80 | 2369 | 1067 | 1411 | — | 1611 | 123 |
| 23.8 | | | 129 | 2388 | 603 | 1402 | 1391 | 1583 | 127 |
| | | | 130 | 2379 | 619 | 1119 | 1171 | 1551 | 124 |
| | p | | 81 | 2389 | 878 | 1786 | — | 1554 | 123 |
| 24.0 | p | | 82 | 2410 | 403 | 1012 | — | 1578 | 119 |
| | p | | 83 | 2406 | 657 | 1380 | — | 1588 | 123 |
| | p | | 84 | 2400 | 709 | 1016 | — | 1593 | 121 |
| | | | 131 | 2401 | 744 | 1311 | 1291 | 1559 | 122 |
| | | | 132 | 2410 | 752 | 1129 | 1088 | 1590 | 122 |
| | | | 133 | 2400 | 833 | 1440 | 1452 | 1582 | 129 |
| | | | 134 | 2400 | 931 | 1382 | 1381 | 1617 | 123 |
| | p | | 85 | 2411 | 1153 | 1061 | — | 1587 | 120 |
| | | | 10 | 2027 | 983 | 132 | — | 1562 | 123 |
| | | | 1 | 1709 | 808 | 172 | — | 1608 | 123 |
| | | | 2 | — | — | 232 | — | 1618 | 119 |
| | | | 3 | — | — | 322 | — | 1604 | 118 |

| cl-Dk | Left-Dk | Left-Dk | Reduced | Reduced | Magn | L. No |
|-------|---------|---------|---------|---------|----------------------|------------------|
| 1460 | 1149 | 1106 | 786 | 760 | 8.53, 8.37 | |
| 1491 | 1033 | 1048 | 692 | 705 | 8.01, 8.06 | |
| 1449 | 652 | 642 | 449 | 443 | 7.06, 7.03 | |
| 1507 | 490 | — | 325 | — | | 279 _v |
| 1498 | 1261 | — | 843 | — | | |
| 1454 | 1183 | 1192 | 814 | 822 | off curve, off curve | |
| 1482 | 976 | — | 653 | — | | 523 _x |
| 1468 | 1264 | — | 860 | — | | 513 |
| 1455 | 1242 | — | 854 | — | | 513 _x |
| 1434 | 1276 | 1275 | 888 | 887 | off curve, off curve | |
| 1456 | 1087 | — | 750 | — | | |
| 1428 | 868 | 920 | 606 | 643 | 7.66, 7.80 | |
| 1494 | 1174 | 1180 | 785 | 782 | 8.53, 8.51 | |
| 1439 | 442 | — | 307 | — | | 294 _v |
| 1488 | 1288 | — | 864 | — | | |
| 1456 | 1275 | 1264 | 876 | 871 | off curve, off curve | |
| 1425 | 995 | 1047 | 697 | 734 | 8.03, 8.23 | |
| 1431 | 1163 | — | 813 | — | | |
| 1459 | 893 | — | 612 | — | | |
| 1465 | 1257 | — | 858 | — | | |
| 1472 | 895 | — | 608 | — | | 451 _v |
| 1437 | 1189 | 1169 | 828 | 815 | off curve, off curve | |
| 1468 | 1007 | 966 | 183 | 655 | 7.97, 7.85 | |
| 1453 | 1311 | 1323 | 903 | 911 | off curve, off curve | |
| 1494 | 1259 | 1258 | 843 | 843 | off curve, off curve | |
| 1467 | 941 | — | 641 | — | | 264 _x |
| 1439 | 09 | — | 06 | — | | |
| 1485 | 49 | — | 33 | — | | |
| 1499 | 113 | — | 76 | — | | |
| 1486 | 204 | — | 137 | — | | |

206

206 - R H 1570 - Dec 4, 1929

| Strip | Class | Star | y | b | Dypl | Dypl | Cl | Bk | Volts |
|-------|-------|------|---|---|------|------|------|-----|-------|
| | | 4 | — | — | 363 | — | 1547 | 119 | |
| | | 5 | — | — | 523 | — | 1587 | 120 | |
| | | 6 | — | — | 822 | — | 1626 | 121 | |
| | | 1 | — | — | 900 | — | 1559 | 120 | |
| | | 8 | — | — | 1231 | — | 1629 | 125 | 510 |

MRD R H 1570 Dec 4, 1929 5.10

| | | | | | | | | | |
|------|----|-----|------|------|------|------|------|-----|--|
| | | 13 | 2027 | 984 | 110 | — | 1495 | 108 | |
| | | 1 | 1709 | 808 | 155 | — | 1548 | 105 | |
| | | 2 | — | — | 220 | — | 1588 | 102 | |
| | | 3 | — | — | 305 | — | 1600 | 110 | |
| | | 4 | — | — | 357 | — | 1560 | 100 | |
| | | 5 | — | — | 510 | — | 1550 | 102 | |
| | | 6 | — | — | 763 | — | 1580 | 108 | |
| | | 7 | — | — | 915 | — | 1537 | 110 | |
| | | 8 | — | — | 1200 | — | 1600 | 115 | |
| 24.2 | f | 135 | 2430 | 522 | 810 | 850 | 1505 | 112 | |
| | pk | 86 | 2430 | 1031 | 930 | — | 1490 | 110 | |
| 24.4 | f | 136 | 2449 | 445 | 485 | 470 | 1470 | 110 | |
| | pk | 137 | 2433 | 489 | 1205 | 1208 | 1510 | 113 | |
| | pk | 87 | 2450 | 508 | 1170 | — | 1540 | 113 | |
| | pk | 88 | 2440 | 621 | 580 | — | 1530 | 113 | |
| 24.6 | f | 138 | 2465 | 1093 | 243 | 245 | 1548 | 115 | |
| 24.8 | pk | 89 | 2489 | 648 | 1115 | — | 1530 | 120 | |
| | pk | 90 | 2490 | 762 | 990 | — | 1510 | 120 | |
| 25.0 | pk | 91 | 2500 | 510 | 862 | — | 1505 | 119 | |
| | pk | 92 | 2511 | 740 | 563 | — | 1524 | 113 | |
| | f | 139 | 2500 | 749 | 1020 | 1024 | 1520 | 113 | |
| 25.8 | f | 140 | 2596 | 904 | 1014 | 990 | 1520 | 115 | |
| | | 13 | 2027 | 984 | 125 | — | 1510 | 120 | |

| Cl.-Dr. | Sept.-Dr. | Sept.-Dr. | Reduced | Reduced | Magn. | L. Ks. |
|---------|-----------|-----------|---------|---------|------------------------|------------------|
| 1428 | 244 | — | 170 | — | | |
| 1467 | 403 | — | 275 | — | | |
| 1505 | 701 | — | 466 | — | | |
| 1439 | 780 | — | 543 | — | | |
| 1504 | 1106 | — | 733 | — | | |
| 1387 | 102 | — | 01 | — | | |
| 1443 | 50 | — | 35 | — | | |
| 1486 | 118 | — | 79 | — | | |
| 1490 | 195 | — | 131 | — | | |
| 1460 | 257 | — | 176 | — | | |
| 1448 | 408 | — | 282 | — | | |
| 1472 | 655 | — | 446 | — | | |
| 1427 | 805 | — | 564 | — | | |
| 1485 | 1085 | — | 731 | — | | |
| 1393 | 698 | 738 | 500 | 530 | 7.24, 7.33 | |
| 1380 | 820 | — | 573 | — | | 2a _x |
| 1360 | 875 | 362 | 277 | 264 | 6.43, 6.39 | |
| 1397 | 1092 | 1095 | 781 | 783 | off course, off course | |
| 1427 | 1057 | — | 738 | — | | 509 _x |
| 1417 | 467 | — | 330 | — | | |
| 1433 | 128 | 130 | 89 | 90 | 5.36, 5.37 | |
| 1410 | 995 | — | 706 | — | | 474 _x |
| 1390 | 870 | — | 627 | — | | 420 _x |
| 1386 | 743 | — | 536 | — | | 498 _x |
| 1411 | 450 | — | 318 | — | | 426 _x |
| 1407 | 907 | 911 | 643 | 647 | 7.79, 8.31 | |
| 1405 | 899 | 875 | 638 | 622 | 7.77, 7.70 | |
| 1390 | 05 | — | 04 | — | | |

208

MKD RH 1570 Dec 4, 1929

| Step | Class | Star | γ | χ | Defl | Defl | Cl | Sk |
|------|-------|------|----------|--------|------|------|------|-----|
| | | 1 | 1709 | 808 | 165 | — | 1530 | 113 |
| | | 2 | — | — | 220 | — | 1575 | 111 |
| | | 3 | — | — | 320 | — | 1580 | 115 |
| | | 4 | — | — | 360 | — | 1534 | 112 |
| | | 5 | — | — | 520 | — | 1525 | 113 |
| | | 6 | — | — | 780 | — | 1568 | 115 |
| | | 7 | — | — | 903 | — | 1535 | 118 |
| | | 8 | — | — | 1200 | — | 1580 | 116 |

Plate
finished

| α -Dk. | Defl.-Dk. | Defl.-Dk. | Reduced | Reduced Magn. | L. No. |
|---------------|-----------|-----------|---------|---------------|--------|
| 1417 | 52 | — | 37 | — | |
| 1464 | 109 | — | 74 | — | |
| 1465 | 205 | — | 140 | — | |
| 1422 | 248 | — | 174 | — | |
| 1412 | 407 | — | 288 | — | |
| 1456 | 675 | — | 464 | — | |
| 1417 | 785 | — | 536 | — | |
| 1464 | 1084 | — | 741 | — | |

210

Con. from Bk. 71

29p + R 1565 - Dec. 9, 1929

| Star | Y | B | Diff | Diff | Ch | St | Volts |
|------|------|------|------|------|------|------|-------|
| 14 | 1959 | 758 | 370 | — | 1339 | 113 | 510 |
| 1 | 2280 | 598 | 685 | — | 1420 | 117 | |
| 2 | — | — | 822 | — | 1397 | 121 | |
| 3 | — | — | 938 | — | 1389 | 121 | |
| 4 | — | — | 939 | — | 1389 | 120 | |
| 5 | — | — | 1011 | — | 1371 | 118 | |
| 6 | — | — | 1070 | — | 1360 | 119 | |
| 7 | — | — | 1050 | — | 1310 | 120 | |
| 8 | — | — | 1262 | — | 1359 | 119 | |
| 16.8 | 8 | 1693 | 447 | 1168 | — | 1381 | 121 |
| | 11 | 1681 | 493 | 1271 | 1302 | 1361 | 120 |
| | 12 | 1687 | 500 | 1020 | 1032 | 1356 | 122 |
| | 9 | 1680 | 532 | 1230 | — | 1363 | 123 |
| | 13 | 1683 | 649 | 857 | 848 | 1367 | 128 |
| | 14 | 1683 | 723 | 1249 | 1239 | 1373 | 129 |
| | 15 | 1688 | 950 | 1220 | 1229 | 1361 | 129 |
| | 10 | 1690 | 1062 | 1110 | — | 1357 | 130 |
| | 16 | 1679 | 1082 | 1167 | 1191 | 1349 | 131 |
| | 17 | 1679 | 1099 | 1142 | 1161 | 1369 | 131 |
| 17.2 | 18 | 1702 | 586 | 1026 | 1007 | 1371 | 133 |
| | 19 | 1708 | 687 | 1248 | 1240 | 1360 | 134 |
| | 20 | 1708 | 698 | 1160 | 1179 | 1352 | 138 |
| | 21 | 1706 | 748 | 1091 | 1083 | 1361 | 140 |
| | 22 | 1697 | 826 | 1202 | 1217 | 1370 | 134 |
| | 23 | 1698 | 961 | 1290 | 1279 | 1360 | 132 |
| | 11 | 1707 | 1109 | 950 | — | 1343 | 137 |
| | 12 | 1707 | 1063 | 1257 | — | 1373 | 137 |
| | 10 | 1959 | 758 | 411 | — | 1339 | 139 |
| | 1 | 2280 | 598 | 699 | — | 1409 | 132 |
| | 2 | — | — | 850 | — | 1383 | 131 |

| cl. sk. | Diff. sk. | Diff. sk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|-------------------------|------------------|
| 1226 | 257 | — | 210 | — | | |
| 1303 | 568 | — | 436 | — | | |
| 1276 | 701 | — | 549 | — | | |
| 1268 | 817 | — | 645 | — | | |
| 1269 | 819 | — | 646 | — | | |
| 1253 | 893 | — | 713 | — | | |
| 1241 | 951 | — | 766 | — | | |
| 1190 | 930 | — | 782 | — | | |
| 1240 | 1143 | — | 922 | — | | |
| 1260 | 1049 | — | 832 | — | | 8 ² ✓ |
| 1241 | 1151 | 1182 | 928 | 953 | 8.47, 8.64 | |
| 1234 | 898 | 910 | 927 | 737 | 6.71, 6.80 | |
| 1240 | 1107 | — | 893 | — | | |
| 1239 | 729 | 728 | 688 | 587 | 5.49, 5.48 | |
| 1244 | 1120 | 1110 | 902 | 893 | 8.27, 8.41 ² | |
| 1232 | 1093 | 1100 | 887 | 893 | 8.17, 8.21 | |
| 1227 | 980 | — | 797 | — | | |
| 1218 | 1036 | 1060 | 850 | 870 | 7.86, 8.00 | |
| 1238 | 1011 | 1030 | 818 | 833 | 7.53, 7.82 | |
| 1238 | 893 | 874 | 722 | 706 | 6.70, 6.51 | |
| 1226 | 1114 | 1106 | 903 | 894 | 8.30, 8.22 | |
| 1214 | 1022 | 1041 | 843 | 868 | 8.31, 8.41 | |
| 1221 | 951 | 943 | 779 | 772 | 7.71, 7.67 | |
| 1236 | 1068 | 1083 | 865 | 877 | 7.97, 8.07 | |
| 1228 | 1158 | 1147 | 943 | 934 | 8.69, 8.02 | |
| 1206 | 813 | — | 674 | — | | 294 ✓ |
| 1236 | 1120 | — | 909 | — | | |
| 1208 | 272 | — | 226 | — | | |
| 1277 | 567 | — | 444 | — | | |
| 1252 | 709 | — | 576 | — | | |

212

24p- R H 1565 - Dec. 11, 1929

| Strip | Class | Star | γ | δ | Refr | Refr | α | Δk | Volts |
|-------|-------|------|----------|----------|------|------|----------|------------|-------|
| | | 3 | — | — | 917 | — | 1371 | 132 | |
| | | 4 | | | 961 | — | 1378 | 131 | |
| | | 5 | | | 1011 | — | 1369 | 130 | |
| | | 6 | | | 1083 | — | 1350 | 130 | |
| | | 7 | | | 1053 | — | 1318 | 131 | |
| | | 8 | | | 1256 | — | 1352 | 131 | 570 |

M.R.D. R H 1565 Dec. 13, 1929 5.10

| | | | | | | |
|----|------|-----|------|---|------|-----|
| 13 | 1959 | 750 | 360 | — | 1320 | 095 |
| 1 | 2280 | 590 | 675 | — | 1400 | 102 |
| 2 | — | — | 810 | — | 1375 | 100 |
| 3 | — | — | 920 | — | 1370 | 108 |
| 4 | — | — | 920 | — | 1370 | 110 |
| 5 | — | — | 990 | — | 1350 | 110 |
| 6 | — | — | 1060 | — | 1354 | 108 |
| 7 | — | — | 1051 | — | 1310 | 110 |
| 8 | — | — | 1242 | — | 1350 | 112 |

| | | | | | | | | |
|------|----|----|------|-----|------|------|------|-----|
| 17.2 | f | 24 | 1734 | 439 | 1150 | 1138 | 1369 | 114 |
| | fp | 13 | 1730 | 580 | 860 | — | 1360 | 120 |
| | p | 14 | 1722 | 835 | 900 | — | 1380 | 125 |
| | f | 25 | 1720 | 869 | 1210 | 1210 | 1350 | 110 |
| | fp | 15 | 1735 | 943 | 1173 | — | 1330 | 101 |
| | p | 16 | 1715 | 971 | 945 | — | 1340 | 108 |
| 17.4 | L | 26 | 1747 | 562 | 1070 | 1065 | 1340 | 108 |
| | f | 27 | 1755 | 749 | 1190 | 1180 | 1320 | 111 |
| | fp | 17 | 1750 | 750 | 1185 | — | 1315 | 109 |
| | f | 28 | 1750 | 950 | 890 | 875 | 1330 | 109 |
| | | 18 | 1959 | 750 | 375 | — | 1233 | 112 |
| | | 1 | 2280 | 590 | 640 | — | 1382 | 112 |
| | | 2 | — | — | 815 | — | 1358 | 110 |
| | | 3 | — | — | 910 | — | 1350 | 115 |

| Cl.-Dk | Depl.-Dk. | Depl.-Dk. | Reduced | Reduced | Magn. | L.No |
|--------|-----------|-----------|---------|---------|------------|------|
| 1239 | 785 | — | 634 | — | | |
| 1247 | 830 | — | 665 | — | | |
| 1239 | 881 | — | 712 | — | | |
| 1220 | 953 | — | 780 | | | |
| 1187 | 922 | — | 776 | | | |
| 1221 | 1125 | — | 920 | | | |
| 1225 | 265 | — | 165 | — | | |
| 1298 | 693 | — | 443 | — | | |
| 1275 | 710 | — | 557 | — | | |
| 1262 | 812 | — | 643 | — | | |
| 1260 | 810 | — | 643 | — | | |
| 1240 | 880 | — | 711 | — | | |
| 1246 | 932 | — | 764 | — | | |
| 1200 | 941 | — | 783 | — | | |
| 1238 | 1130 | — | 913 | — | | |
| 1255 | 1036 | 1024 | 825 | 817 | 7.71, 7.64 | |
| 1240 | 740 | — | 595 | — | | 56v |
| 1255 | 775 | — | 617 | — | | 205v |
| 1240 | 1100 | 1100 | 888 | 888 | 8.17, 8.17 | |
| 1229 | 1072 | — | 872 | — | | 274v |
| 1232 | 839 | — | 680 | — | | 279v |
| 1232 | 1962 | 957 | 781 | 776 | 7.80, 7.73 | |
| 1209 | 1079 | 1069 | 893 | 885 | 8.20, 8.15 | |
| 1206 | 1076 | — | 892 | — | | |
| 1221 | 781 | 766 | 640 | 628 | 5.94, 5.83 | |
| 1121 | 263 | — | 235 | — | | |
| 1270 | 528 | — | 416 | — | | |
| 1248 | 705 | — | 564 | — | | |
| 1235 | 795 | — | 643 | — | | |

214

mtd RH 1565 Dec. 10, 1929.

| Strip | Star | Class | γ | π | Defl | Defl | \odot | Dk |
|-------|------|-------|----------|-------|------|------|---------|-----|
| | 4 | | — | — | 920 | — | 1350 | 118 |
| | 5 | | — | — | 980 | — | 1330 | 115 |
| | 6 | | — | — | 1050 | — | 1330 | 115 |
| | 7 | | — | — | 1037 | — | 1300 | 114 |
| | 8 | | — | — | 1224 | — | 1330 | 118 |

Fmc RH 1565 Dec. 10, 1929

| | | | | | | | | |
|------|---|----|------|------|------|------|------|-----|
| | | 15 | 1959 | 750 | 420 | — | 1320 | 108 |
| | | 1 | 2280 | 590 | 900 | — | 1400 | 108 |
| | | 2 | — | — | 850 | — | 1385 | 108 |
| | | 3 | — | — | 930 | — | 1362 | 108 |
| | | 4 | — | — | 971 | — | 1370 | 108 |
| | | 5 | — | — | 1023 | — | 1360 | 110 |
| | | 6 | — | — | 1070 | — | 1340 | 110 |
| | | 7 | — | — | 1045 | — | 1300 | 110 |
| | | 8 | — | — | 1258 | — | 1351 | 115 |
| 17.6 | f | 29 | 1770 | 521 | 1185 | 1190 | 1379 | 113 |
| | f | 30 | 1770 | 570 | 1130 | 1120 | 1371 | 113 |
| | f | 31 | 1762 | 963 | 1209 | 1198 | 1350 | 115 |
| 17.8 | f | 18 | 1799 | 630 | 1115 | — | 1359 | 115 |
| | f | 32 | 1780 | 670 | 1247 | 1200 | 1350 | 120 |
| | f | 33 | 1780 | 720 | 1235 | 1222 | 1338 | 120 |
| 18.0 | f | 34 | 1809 | 1165 | 915 | 905 | 1372 | 120 |
| 18.2 | f | 19 | 1829 | 470 | 1150 | — | 1393 | 131 |
| | f | 20 | 1825 | 534 | 1063 | — | 1362 | 128 |
| | f | 35 | 1821 | 1312 | 690 | 630 | 1373 | 120 |
| 18.4 | f | 21 | 1850 | 373 | 1101 | — | 1380 | 120 |
| | f | 36 | 1850 | 378 | 1110 | 1085 | 1363 | 120 |
| | f | 22 | 1850 | 483 | 1060 | — | 1375 | 120 |
| | f | 23 | 1850 | 500 | 1141 | — | 1372 | 121 |

| cl.-dk. | Defl.-dk. | Defl.-dk. | Reduced ⁶ | Reduced | Magn. | L.No. |
|---------|-----------|-----------|----------------------|---------|--------------------------------|-------|
| 1232 | 802 | — | 852 | — | | |
| 1215 | 865 | — | 912 | — | | |
| 1215 | 935 | — | 968 | — | | |
| 1186 | 923 | — | 978 | — | | |
| 1212 | 1106 | — | 910 | — | | |
| 1212 | 312 | — | 258 | — | | |
| 1292 | 592 | — | 458 | — | | |
| 1277 | 742 | — | 582 | — | | |
| 1254 | 822 | — | 655 | — | | |
| 1262 | 863 | — | 684 | — | | |
| 1250 | 913 | — | 731 | — | | |
| 1230 | 960 | — | 780 | — | | |
| 1190 | 935 | — | 786 | — | | |
| 1236 | 1143 | — | 925 | — | | |
| 1266 | 1072 | 1077 | 847 | 851 | 7.76, 7.80 | |
| 1258 | 1077 | 1067 | 836 | 848 | 7.85, 7.77 | |
| 1235 | 1094 | 1083 | 885 | 876 | 8.15 8.64 , 8.05 | |
| 1244 | 1000 | — | 804 | — | | 62x |
| 1230 | 1127 | 1080 | 916 | 878 | 8.42, 8.07 | |
| 1218 | 1115 | 1102 | 916 | 905 | 8.42, 8.33 | |
| 1252 | 795 | 785 | 636 | 628 | 5.61, 5.54 | |
| 1262 | 1019 | — | 805 | — | | 1251v |
| 1234 | 935 | — | 958 | — | | 1279v |
| 1253 | 570 | 570 | 455 | 407 | 4.03, 3.65 | |
| 1260 | 981 | — | 779 | — | | 1208x |
| 1243 | 990 | 965 | 797 | 777 | 7.22, 7.07 | |
| 1255 | 940 | — | 749 | — | | 1242v |
| 1251 | 1020 | — | 815 | — | | 1246v |

Fmc R#1565 Dec. 10, 1929

| strip | class | stan | y | r | Defe | Defe | a | Ra | Vol. |
|-------|-------|------|------|------|------|------|------|-----|------|
| 18.4 | f | 37 | 1839 | 543 | 1095 | 1100 | 1353 | 119 | |
| | f | 24 | 1841 | 560 | 1208 | — | 1360 | 118 | |
| | f | 38 | 1851 | 600 | 1142 | 1140 | 1355 | 120 | |
| | f | 25 | 1845 | 1010 | 1172 | — | 1380 | 120 | |
| 18.6 | f | 39 | 1860 | 632 | 1155 | 1173 | 1329 | 120 | |
| | f | 40 | 1870 | 881 | 1142 | 1128 | 1355 | 120 | |
| 18.8 | f | 26 | 1890 | 329 | 1240 | — | 1385 | 120 | |
| | f | 41 | 1890 | 550 | 1230 | 1202 | 1361 | 120 | |
| | f | 27 | 1888 | 740 | 1218 | — | 1345 | 120 | |
| | f | 42 | 1891 | 790 | 1250 | 1225 | 1332 | 120 | |
| | f | 28 | 1880 | 1258 | 1103 | — | 1359 | 120 | |
| | f | 29 | 1885 | 1290 | 859 | — | 1349 | 119 | |
| | f | 43 | 1880 | 1361 | 1137 | 1128 | 1350 | 119 | |
| 19.0 | f | 44 | 1900 | 441 | 1245 | 1248 | 1389 | 120 | |
| | f | 45 | 1910 | 449 | 971 | 970 | 1365 | 119 | |
| | f | 46 | 1909 | 528 | 1190 | 1170 | 1355 | 117 | |
| | f | 47 | 1912 | 538 | 1208 | 1198 | 1359 | 118 | |
| | f | 48 | 1900 | 645 | 995 | 981 | 1330 | 120 | |
| | f | 49 | 1918 | 793 | 925 | 890 | 1335 | 119 | |
| | f | 50 | 1900 | 980 | 1110 | 1093 | 1330 | 120 | |
| | f | 30 | 1911 | 1013 | 968 | — | 1358 | 120 | |
| | f | 51 | 1910 | 1371 | 985 | 1000 | 1330 | 120 | |
| | 15 | | 1959 | 750 | 387 | — | 1300 | 120 | |
| | 1 | | 2280 | 590 | 729 | — | 1380 | 119 | |
| | 2 | | — | — | 857 | — | 1365 | 120 | |
| | 3 | | — | — | 911 | — | 1352 | 119 | |
| | 4 | | — | — | 955 | — | 1360 | 120 | |
| | 5 | | — | — | 1010 | — | 1350 | 120 | |
| | 6 | | — | — | 1073 | — | 1335 | 120 | |
| | 7 | | — | — | 1055 | — | 1289 | 120 | |
| | 8 | | — | — | 1240 | — | 1332 | 120 | |

cont'd in BK72,
page 118

| Cl.-Sk. | Defl.-Sk. | Defl.-Sk. | Reduced | Reduced | Magn. | L. No. |
|---------|-----------|-----------|---------|---------|------------|-------------------|
| 1234 | 976 | 981 | 790 | 794 | 7.15, 7.18 | |
| 1242 | 1090 | — | 878 | — | | |
| 1235 | 1022 | 1020 | 828 | 827 | 7.57, 7.56 | |
| 1260 | 1052 | — | 835 | — | | 338 _v |
| 1209 | 1035 | 1053 | 858 | 871 | 7.87, 8.01 | |
| 1235 | 1022 | 1008 | 828 | 816 | 7.58, 7.46 | |
| 1265 | 1120 | — | 886 | — | | 1176 _x |
| 1241 | 1100 | 1082 | 887 | 872 | 8.17, 8.02 | |
| 1225 | 1098 | — | 887 | — | | 105 _v |
| 1212 | 1130 | 1105 | 933 | 912 | 8.58, 8.40 | |
| 1239 | 983 | — | 794 | — | | 420 _x |
| 1230 | 740 | — | 602 | — | | 426 _x |
| 1231 | 1018 | 1009 | 826 | 820 | 7.56, 7.50 | |
| 1269 | 1125 | 1128 | 888 | 890 | 8.17, 8.21 | |
| 1246 | 852 | 861 | 684 | 684 | 6.06, 6.07 | |
| 1238 | 1073 | 1053 | 866 | 851 | 7.95, 7.79 | |
| 1241 | 1090 | 1080 | 878 | 871 | 8.08, 8.01 | |
| 1240 | 875 | 861 | 723 | 712 | 6.47, 6.36 | |
| 1216 | 866 | 771 | 664 | 634 | 6.37, 6.11 | |
| 1210 | 990 | 973 | 818 | 805 | 7.48, 7.33 | |
| 1238 | 848 | — | 685 | — | | 376 _v |
| 1210 | 865 | 880 | 716 | 728 | 6.88, 6.49 | |
| 1180 | 267 | — | 226 | — | | |
| 1261 | 610 | — | 483 | — | | |
| 1245 | 737 | — | 592 | — | | |
| 1233 | 792 | — | 642 | — | | |
| 1240 | 835 | — | 673 | — | | |
| 1230 | 880 | — | 717 | — | | |
| 1215 | 958 | — | 784 | — | | |
| 1169 | 935 | — | 806 | — | | |
| 1242 | 1120 | — | 925 | — | | |

218

Fmc R# 1564 Dec. 16, 1929

Ship class
com from
Bk. 72, 144

19.4

19.6

19.8

com in Bk
146

| Star | y | t | Depe | Depe | e | De | Volh |
|------|------|------|------|------|------|-----|------|
| 15 | 1957 | 741 | 250 | — | 1213 | 170 | |
| 1 | 2271 | 569 | 380 | — | 1219 | 165 | |
| 2 | — | — | 520 | — | 1213 | 165 | |
| 3 | — | — | 609 | — | 1285 | 168 | |
| 4 | — | — | 650 | — | 1219 | 165 | |
| 5 | — | — | 751 | — | 1220 | 163 | |
| 6 | — | — | 935 | — | 1250 | 167 | |
| 7 | — | — | 960 | — | 1197 | 168 | |
| 8 | — | — | 1100 | — | 1240 | 170 | |
| 74 | 1941 | 405 | 850 | 831 | 1230 | 171 | |
| 75 | 1941 | 1032 | 1009 | 970 | 1253 | 170 | |
| 76 | 1941 | 1273 | 830 | 841 | 1273 | 170 | |
| 77 | 1977 | 309 | 1082 | 1081 | 1212 | 170 | |
| 78 | 1960 | 649 | 1089 | 1070 | 1250 | 170 | |
| 79 | 1962 | 888 | 750 | 758 | 1239 | 173 | |
| 80 | 1998 | 330 | 675 | 662 | 1230 | 171 | |
| 81 | 1981 | 523 | 1058 | 1050 | 1270 | 170 | |
| 82 | 1982 | 551 | 650 | 667 | 1240 | 170 | |
| 43 | 1980 | 581 | 930 | — | 1225 | 170 | |
| 83 | 1983 | 850 | 860 | 826 | 1240 | 171 | |
| 44 | 1990 | 1205 | 1068 | — | 1290 | 173 | |
| 15 | 1957 | 741 | 251 | — | 1213 | 171 | |
| 1 | 2271 | 569 | 430 | — | 1230 | 175 | |
| 2 | — | — | 547 | — | 1225 | 173 | |
| 3 | — | — | 653 | — | 1250 | 173 | |
| 4 | — | — | 720 | — | 1240 | 173 | |
| 5 | — | — | 782 | — | 1220 | 173 | |
| 6 | — | — | 943 | — | 1250 | 173 | |
| 7 | — | — | 905 | — | 1198 | 175 | |
| 8 | — | — | 1100 | — | 1249 | 179 | |

| α -Dk | Defl.-Dk | Dyfl.-Dk | Reduced | Reduced | Magn. | L.No |
|--------------|----------|----------|---------|---------|------------|------|
| 1043 | 80 | — | 77 | — | | |
| 1054 | 215 | — | 204 | — | | |
| 1048 | 355 | — | 340 | — | | |
| 1067 | 441 | — | 413 | — | | |
| 1054 | 485 | — | 459 | — | | |
| 1057 | 588 | — | 536 | — | | |
| 1083 | 768 | — | 708 | — | | |
| 1029 | 792 | — | 769 | — | | |
| 1070 | 930 | — | 868 | — | | |
| 1059 | 679 | 660 | 642 | 624 | 6.80, 6.72 | |
| 1083 | 839 | 860 | 775 | 739 | 7.59, 7.35 | |
| 1103 | 660 | 571 | 588 | 608 | 6.56, 6.64 | |
| 1042 | 912 | 911 | 799 | 798 | 7.75, 7.75 | |
| 1080 | 919 | 900 | 850 | 833 | 8.18, 8.02 | |
| 1066 | 577 | 585 | 541 | 548 | 6.28, 6.32 | |
| 1059 | 504 | 491 | 476 | 469 | 5.99, 5.95 | |
| 1100 | 888 | 880 | 808 | 800 | 7.82, 7.76 | |
| 1070 | 480 | 497 | 448 | 465 | 5.86, 5.94 | |
| 1055 | 760 | — | 720 | — | | |
| 1069 | 689 | 655 | 644 | 613 | 6.82, 6.66 | |
| 1117 | 895 | — | 802 | — | | |
| 1042 | 80 | — | 77 | — | | |
| 1055 | 255 | — | 243 | — | | |
| 1052 | 374 | — | 356 | — | | |
| 1077 | 480 | — | 446 | — | | |
| 1067 | 547 | — | 514 | — | | |
| 1047 | 609 | — | 582 | — | | |
| 1077 | 770 | — | 714 | — | | |
| 1023 | 730 | — | 713 | — | | |
| 1070 | 921 | — | 861 | — | | |

1171 ✓

451 ✓

