

Marathon Rayon	Marathon Poly	Janome	Madeira	Robinson Anton	Kingstar	Brother Disney	Sulky Rayon	Isacord
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Thread Conversion Chart

Marathon Rayon	Marathon Poly	Janome	Madeira	Robinson Anton	Kingstar	Brother Disney	Sulky Rayon	Isacord
1001	N/A	N/A	N/A	2343	102	N/A	N/A	N/A
1002	2154	N/A	1022	2316	103	N/A	1022	520
1003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1004	N/A	N/A	1023	2325	N/A	N/A	N/A	N/A
1006	N/A	N/A	1135	N/A	104	N/A	N/A	520
1005	N/A	N/A	1223	2326	116	202	N/A	311
1007	2019	204	1064	2235	N/A	N/A	1023	311
1008	2020	N/A	1068	2462	106	N/A	1187	311
1009	2021	275	1069	2396	107	205	1083	311
1188	2022	N/A	1024	2216	531	N/A	1024	311
1219	N/A	239	1137	2394	533	N/A	N/A	N/A
1012	2023	N/A	1155	2395	N/A	N/A	567	311
1189	N/A	N/A	N/A	2247	88	N/A	N/A	N/A
1010	2158	210	1061	2264	83	N/A	1061	660
1183	2125	N/A	1026	2234	N/A	N/A	622	630
1011	2159	003	N/A	2398	N/A	N/A	1167	506
1405	2159	N/A	N/A	2605	79	N/A	502	N/A
1404	n/m	271	1025	2212	N/A	N/A	1025	N/A
1425	N/A	273	N/A	N/A	N/A	N/A	N/A	N/A
1420	2157	274	1065	2463	N/A	N/A	568	N/A
1013	2160	N/A	N/A	2401	N/A	N/A	562	N/A
1014	2161	N/A	1173	N/A	N/A	214	1126	821
1015	N/A	N/A	N/A	2231	N/A	337	N/A	N/A
1182	2125	N/A	1071	2335	161	N/A	520	N/A
1184	N/A	N/A	1082	N/A	603	N/A	N/A	N/A
1127	N/A	213	N/A	2582	163	N/A	N/A	761
1128	2119	N/A	1127	N/A	N/A	307	508	N/A
1129	2120	N/A	N/A	N/A	151	N/A	1149	N/A
1185	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1136	N/A	N/A	1054	N/A	N/A	N/A	N/A	N/A
1130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	851
1131	2036	N/A	N/A	2203	78	N/A	1016	N/A
1138	N/A	237	N/A	N/A	134	N/A	N/A	N/A
1137	2287	N/A	N/A	N/A	133	N/A	1313	N/A
1139	2127	N/A	1057	N/A	N/A	N/A	1320	N/A
1140	N/A	N/A	N/A	2488	N/A	N/A	N/A	N/A
1426	N/A	236	N/A	2253	N/A	N/A	N/A	N/A
1427	N/A	N/A	N/A	2611	N/A	N/A	N/A	N/A
1428	N/A	N/A	1141	N/A	N/A	N/A	N/A	N/A
1305	2289	N/A	N/A	2289	N/A	339	1216	N/A
1306	2290	214	N/A	2481	N/A	N/A	1158	N/A
1158	2291	N/A	N/A	N/A	69	N/A	1237	N/A
1159	2132	N/A	1174	N/A	72	N/A	1036	N/A
1417	N/A	N/A	N/A	N/A	514	N/A	N/A	N/A

1429	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1160	N/A	N/A	1036	N/A	N/A	N/A	N/A	N/A
1348	N/A	N/A	1003	N/A	81	N/A	N/A	N/A
1181	2115	253	1002	2539	602	10	1002	N/A
1312	N/A	N/A	N/A	2342	162	N/A	N/A	N/A
1136	N/A	N/A	1054	N/A	N/A	N/A	N/A	N/A
1302	N/A	N/A	N/A	2336	N/A	N/A	N/A	N/A
1141	n/m	N/A	N/A	2474	N/A	N/A	1128	853
1142	N/A	N/A	N/A	N/A	N/A	N/A	N/A	842
1224	2030	254	1056	2479	572	N/A	1056	941
1133	2280	N/A	1060	2571	143	N/A	1085	N/A
1134	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1303	2281	N/A	1128	N/A	N/A	N/A	1180	N/A
1338	N/A	260	1338	2224	N/A	328	N/A	N/A
1337	2277	259	N/A	N/A	N/A	N/A	1266	N/A
1186	2128	N/A	N/A	2569	N/A	N/A	1265	N/A
1135	N/A	N/A	N/A	2739	169	N/A	N/A	N/A
1304	N/A	N/A	1259	N/A	N/A	N/A	N/A	N/A
1143	N/A	N/A	N/A	N/A	N/A	N/A	N/A	776
1144	2130	N/A	N/A	2227	N/A	323	1170	N/A
1307	2283	N/A	1158	N/A	N/A	N/A	614	N/A
1161	2134	205	1058	N/A	159	N/A	1129	N/A
1308	2284	N/A	N/A	2251	173	58	1186	N/A
1162	2135	N/A	1059	2566	N/A	N/A	1131	1366
1310	2284	N/A	1129	2337	160	N/A	1059	N/A
1029	2170	N/A	N/A	2243	11	N/A	1120	N/A
1037	2172	N/A	1013	N/A	3	124	1068	N/A
1030	2171	N/A	1113	2503	N/A	N/A	1113	N/A
1038	2173	N/A	1115	N/A	N/A	N/A	1064	N/A
1039	N/A	N/A	N/A	2377	N/A	N/A	N/A	N/A
1326	2173	212	1017	2413	N/A	N/A	619	N/A
1040	2046	N/A	1018	2257	62	N/A	1019	N/A
1041	2047	202	1020	N/A	541	N/A	1259	N/A
1233	2024	N/A	1226	2256	542	N/A	1239	N/A
1449	2019	238	N/A	N/A	84	N/A	1066	N/A
1017	2026	N/A	N/A	N/A	N/A	N/A	1070	N/A
1018	2162	N/A	1159	2471	N/A	N/A	1244	N/A
1016	N/A	N/A	N/A	N/A	123	N/A	N/A	232
1187	2162	255	1192	2333	N/A	N/A	1159	N/A
1406	N/A	270	N/A	2606	N/A	N/A	N/A	N/A
1430	n/m	N/A	1070	2332	N/A	N/A	1055	N/A
1451	N/A	N/A	N/A	2475	N/A	N/A	N/A	N/A
1450	2025	N/A	N/A	2201	N/A	N/A	523	N/A
1433	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1452	2130	257	N/A	N/A	154	N/A	1057	N/A
1412	N/A	N/A	N/A	N/A	564	N/A	N/A	N/A
1422	n/m	N/A	N/A	N/A	N/A	N/A	535	N/A
1416	n/m	N/A	N/A	2563	N/A	N/A	1214	N/A
1042	2048	N/A	N/A	N/A	N/A	N/A	1238	N/A

1043	2049	203	N/A	N/A	N/A	N/A	1021	N/A
1333	n/m	N/A	1278	N/A	N/A	N/A	1168	N/A
1190	2050	N/A	N/A	2213	95	N/A	1065	N/A
1191	N/A	N/A	1178	2328	96	N/A	N/A	N/A
1044	2051	N/A	N/A	2218	544	N/A	1314	N/A
1045	2052	N/A	1078	2236	N/A	N/A	1078	N/A
1046	2053	N/A	1146	2397	N/A	30	1184	N/A
1194	2176	N/A	N/A	2329	N/A	N/A	1246	N/A
1419	N/A	N/A	N/A	2266	N/A	N/A	N/A	N/A
1424	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1438	N/A	N/A	N/A	2267	N/A	N/A	N/A	N/A
1409	N/A	N/A	N/A	2414	52	N/A	N/A	N/A
1436	N/A	N/A	N/A	2294	N/A	N/A	N/A	N/A
1402	2131	N/A	1221	N/A	N/A	N/A	621	N/A
1157	2131	N/A	N/A	2205	N/A	N/A	1181	N/A
1418	N/A	N/A	N/A	2480	N/A	N/A	N/A	N/A
1459	n/m	N/A	1119	2494	N/A	N/A	1190	N/A
1151	2185	N/A	1034	2497	N/A	N/A	1308	N/A
1152	2040	N/A	N/A	2499	N/A	N/A	1309	N/A
1244	N/A	N/A	1384	2421	N/A	N/A	N/A	N/A
1156	2057	242	N/A	2496	N/A	N/A	534	N/A
1246	N/A	N/A	1035	N/A	N/A	N/A	N/A	N/A
1437	N/A	N/A	N/A	N/A	502	N/A	N/A	N/A
1031	N/A	N/A	1014	2501	N/A	N/A	N/A	N/A
1032	N/A	N/A	N/A	N/A	58	N/A	N/A	2250
1227	N/A	N/A	N/A	2375	23	2560	N/A	N/A
1034	N/A	N/A	1117	2244	7	N/A	N/A	N/A
1035	N/A	256	N/A	N/A	N/A	N/A	N/A	2241
1332	2037	N/A	N/A	N/A	N/A	N/A	1119	N/A
1036	2180	N/A	N/A	N/A	516	N/A	1081	N/A
1047	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1048	2182	N/A	N/A	N/A	33	N/A	1317	N/A
1049	2044	N/A	1037	2263	34	N/A	1037	1703
1050	2045	225	1147	2378	N/A	N/A	1147	1902
1033	2046	233	1016	2299	N/A	79	1015	N/A
1234	N/A	N/A	N/A	2246	N/A	N/A	N/A	N/A
1051	2179	N/A	1107	2248	511	N/A	1020	N/A
1328	N/A	N/A	1081	2262	9	N/A	N/A	N/A
1053	2183	N/A	1184	2509	N/A	N/A	1188	N/A
1052	N/A	N/A	1154	2270	N/A	N/A	N/A	N/A
1334	2182	N/A	1039	N/A	55	N/A	1263	N/A
1335	2184	N/A	N/A	2219	10	N/A	561	N/A
1054	N/A	N/A	1281	2506	N/A	N/A	N/A	N/A
1243	2055	244	N/A	2249	N/A	N/A	1169	N/A
1155	N/A	215	1381	2252	N/A	N/A	N/A	N/A
1019	2163	N/A	N/A	N/A	261	N/A	1111	2250
1020	2034	N/A	N/A	2599	N/A	N/A	1225	N/A
1021	N/A	N/A	1031	2502	N/A	N/A	N/A	N/A
1022	2034	N/A	N/A	2237	N/A	810	1108	N/A

1192	2164	N/A	N/A	2223	12	N/A	1115	N/A
1193	N/A	N/A	1321	2423	N/A	N/A	N/A	2250
1023	2166	N/A	N/A	2293	15	85	1224	2153
1024	2039	266	N/A	2228	N/A	N/A	1307	2241
1025	2168	N/A	1234	2412	N/A	N/A	1511	N/A
1026	2042	N/A	1186	2432	N/A	107	1533	N/A
1075	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3045
1076	n/m	N/A	N/A	2424	552	N/A	1080	3045
1239	N/A	N/A	1080	2588	277	N/A	N/A	N/A
1150	2204	N/A	N/A	N/A	N/A	N/A	1033	N/A
1027	2167	201	1309	2259	N/A	86	1256	2300
1028	2120	N/A	1109	2260	N/A	N/A	1109	N/A
1230	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2715
1329	2041	241	1110	N/A	N/A	N/A	1231	0
1229	N/A	265	N/A	N/A	N/A	N/A	N/A	N/A
1232	N/A	N/A	1383	2261	N/A	N/A	N/A	2300
1336	n/m	N/A	1188	N/A	N/A	N/A	1191	N/A
1153	2059	N/A	1310	2500	N/A	N/A	1192	N/A
1154	N/A	N/A	N/A	N/A	269	N/A	N/A	N/A
1073	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2655
1195	2202	N/A	N/A	N/A	N/A	N/A	1193	2650
1074	2203	N/A	1232	2276	N/A	N/A	1031	2300
1261	N/A	N/A	N/A	2286	271	N/A	N/A	3045
1077	2081	N/A	1032	2288	N/A	612	1032	N/A
1078	2082	208	1033	2254	278	614	1122	2830
1410	N/A	N/A	1334	2426	272	N/A	N/A	N/A
1079	N/A	N/A	1122	2381	N/A	N/A	N/A	2830
1080	N/A	N/A	N/A	2430	N/A	N/A	N/A	N/A
1439	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1166	N/A	N/A	N/A	2207	501	N/A	N/A	N/A
1145	2293	N/A	N/A	N/A	N/A	N/A	1213	N/A
1146	N/A	N/A	N/A	2314	506	N/A	N/A	N/A
1147	N/A	N/A	1235	2490	N/A	N/A	N/A	N/A
1148	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1149	N/A	267	N/A	N/A	N/A	N/A	N/A	N/A
1331	N/A	N/A	N/A	2225	N/A	N/A	N/A	N/A
1443	N/A	N/A	N/A	N/A	76	N/A	N/A	N/A
1196	N/A	N/A	1389	2376	521	N/A	N/A	N/A
1241	2212	N/A	1386	2587	N/A	N/A	1189	N/A
1089	N/A	261	1312	2600	N/A	N/A	N/A	3536
1242	2213	N/A	1236	2617	560	N/A	1183	N/A
1203	N/A	N/A	N/A	2386	N/A	N/A	N/A	N/A
1260	2079	209	1311	2287	N/A	804	1296	N/A
101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1262	N/A	N/A	N/A	N/A	309	N/A	N/A	N/A
1082	N/A	N/A	1112	N/A	643	N/A	N/A	2810
1083	2086	243	1322	2428	636	3110	1112	N/A
1084	N/A	N/A	1366	2427	N/A	N/A	N/A	N/A
1086	2087	N/A	N/A	N/A	310	N/A	1302	N/A

1440	N/A	N/A	N/A	2429	N/A	N/A	N/A	N/A
1448	N/A	N/A	N/A	2214	N/A	N/A	N/A	N/A
1087	2207	N/A	1365	N/A	N/A	607	1294	N/A
1263	2206	N/A	1330	N/A	N/A	3210	1226	N/A
1088	n/m	N/A	1233	N/A	N/A	N/A	1297	N/A
1090	2210	N/A	1343	N/A	N/A	N/A	1299	N/A
1055	2187	N/A	1074	N/A	301	N/A	1151	3650
1056	n/m	216	1027	2300	626	N/A	1074	N/A
1057	2061	N/A	N/A	2239	N/A	17	1145	N/A
1062	2189	N/A	1075	2269	629	N/A	1028	N/A
1411	N/A	N/A	N/A	N/A	303	N/A	N/A	N/A
1085	N/A	N/A	N/A	N/A	N/A	70	N/A	N/A
1432	N/A	N/A	N/A	2275	N/A	N/A	N/A	N/A
1407	N/A	N/A	N/A	2613	N/A	N/A	N/A	N/A
1250	2200	231	1160	N/A	N/A	N/A	1284	N/A
1441	N/A	N/A	N/A	2534	N/A	N/A	N/A	N/A
1198	2062	230	1029	2433	N/A	19	1196	N/A
1058	2065	N/A	1028	2206	N/A	N/A	1029	N/A
1061	N/A	N/A	N/A	2304	N/A	N/A	N/A	3331
1063	2066	N/A	1133	2245	N/A	N/A	1076	N/A
1064	2067	N/A	N/A	2384	N/A	N/A	526	N/A
1065	N/A	N/A	1042	N/A	N/A	3600	N/A	N/A
1200	2194	N/A	N/A	2527	N/A	N/A	1535	N/A
1201	N/A	N/A	1076	2280	N/A	N/A	N/A	N/A
1253	N/A	N/A	N/A	2619	N/A	N/A	N/A	N/A
1254	2195	N/A	1167	2220	N/A	N/A	1042	N/A
1255	N/A	207	N/A	2385	N/A	7	N/A	N/A
1202	N/A	262	1166	2210	N/A	N/A	N/A	N/A
1066	2069	N/A	N/A	2437	N/A	N/A	572	N/A
1069	2070	N/A	N/A	2440	313	3323	1197	N/A
1060	2063	N/A	1030	N/A	N/A	N/A	1165	3331
1197	2063	N/A	N/A	2283	N/A	N/A	1030	N/A
1247	N/A	222	1143	N/A	N/A	N/A	N/A	N/A
1248	N/A	N/A	N/A	2615	N/A	N/A	N/A	N/A
1249	2199	N/A	N/A	N/A	N/A	N/A	1242	N/A
1067	2199	N/A	1175	N/A	298	N/A	1143	N/A
1325	N/A	N/A	1376	N/A	N/A	N/A	N/A	N/A
1068	2072	N/A	N/A	2302	N/A	N/A	1200	N/A
1256	2201	232	1242	2439	653	N/A	643	N/A
1092	2223	N/A	1097	N/A	N/A	N/A	1077	N/A
1110	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1093	2089	N/A	1045	2310	N/A	N/A	1046	N/A
1266	2227	227	1299	2393	N/A	N/A	1045	N/A
1091	N/A	N/A	1227	2222	321	N/A	N/A	N/A
1205	N/A	N/A	1089	2313	N/A	N/A	N/A	N/A
1267	2090	N/A	N/A	2204	N/A	N/A	1204	N/A
1099	N/A	217	1093	2305	330	N/A	N/A	N/A
1094	2228	N/A	N/A	2531	333	N/A	1205	N/A
1276	N/A	N/A	1090	2518	N/A	N/A	N/A	N/A

1278	2233	N/A	1294	N/A	326	N/A	1090	N/A
1275	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1341	2216	N/A	1091	N/A	N/A	N/A	1096	N/A
1108	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1277	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1106	N/A	N/A	N/A	2391	594	N/A	N/A	N/A
1107	N/A	N/A	1293	2445	N/A	N/A	N/A	N/A
1098	2075	N/A	1296	N/A	N/A	N/A	1202	N/A
1071	2220	N/A	1161	2535	N/A	N/A	1162	N/A
1072	N/A	N/A	1162	2444	N/A	N/A	N/A	N/A
1204	2073	N/A	1043	2303	650	N/A	505	N/A
1070	2074	N/A	1044	2215	357	N/A	1182	N/A
1413	2073	N/A	N/A	N/A	358	N/A	524	N/A
1270	2229	N/A	N/A	2308	334	N/A	1249	N/A
1095	N/A	N/A	1096	2519	N/A	N/A	N/A	N/A
1059	N/A	N/A	N/A	2520	335	N/A	N/A	N/A
1096	2231	N/A	N/A	2388	N/A	N/A	1290	N/A
1199	n/m	N/A	1375	2441	N/A	N/A	1134	N/A
107	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1100	2092	N/A	1094	2306	N/A	N/A	1095	N/A
1101	2092	N/A	1295	2307	N/A	N/A	1094	N/A
1103	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1102	2093	N/A	N/A	N/A	N/A	N/A	1252	N/A
1271	N/A	N/A	1297	2389	N/A	N/A	N/A	N/A
1104	2237	N/A	N/A	N/A	N/A	N/A	1280	N/A
1113	N/A	249	1046	N/A	N/A	N/A	N/A	N/A
1105	2214	N/A	N/A	2516	N/A	N/A	571	N/A
1431	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1274	2217	N/A	N/A	2443	N/A	N/A	1513	N/A
1287	N/A	N/A	1246	N/A	N/A	N/A	N/A	N/A
1279	N/A	N/A	1298	2514	584	534	N/A	N/A
1434	2219	N/A	N/A	N/A	250	N/A	1281	N/A
1118	2104	250	1279	2390	N/A	N/A	1503	N/A
1444	N/A	N/A	N/A	N/A	232	N/A	N/A	N/A
1442	2251	N/A	1370	N/A	233	N/A	1232	N/A
1327	2216	N/A	N/A	2309	N/A	N/A	1206	N/A
1109	2020	245	1099	2238	N/A	N/A	1047	N/A
1272	2099	N/A	1047	2319	N/A	N/A	1279	N/A
1111	N/A	N/A	1302	2211	N/A	502	N/A	N/A
1112	N/A	N/A	1301	2311	N/A	N/A	N/A	N/A
1124	2240	N/A	1050	N/A	N/A	N/A	1049	N/A
1119	2245	N/A	N/A	2282	N/A	N/A	1100	N/A
1120	N/A	N/A	1248	2321	N/A	N/A	N/A	N/A
1423	2003	N/A	N/A	2320	N/A	N/A	1274	N/A
1121	2101	N/A	1048	2279	N/A	N/A	1177	N/A
1123	N/A	247	1049	2322	N/A	517	N/A	5531
1125	N/A	N/A	N/A	2578	N/A	N/A	N/A	N/A
1285	2102	N/A	1101	2410	N/A	N/A	1101	N/A
1435	2240	N/A	1249	N/A	N/A	N/A	1278	N/A

1342	2242	206	1051	2240	245	N/A	1051	N/A
1114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1115	N/A	N/A	1251	2579	N/A	507	N/A	N/A
1116	2103	N/A	1079	2208	243	N/A	569	N/A
1207	N/A	N/A	1247	N/A	N/A	N/A	N/A	N/A
1208	N/A	N/A	N/A	2448	N/A	N/A	N/A	N/A
1209	N/A	N/A	N/A	N/A	253	N/A	N/A	N/A
1289	2244	N/A	1185	2451	N/A	513	1230	N/A
1117	N/A	N/A	1280	2447	252	808	N/A	N/A
1343	2105	N/A	N/A	2315	N/A	N/A	1208	N/A
1265	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1169	2260	N/A	N/A	2594	N/A	N/A	580	N/A
1171	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1168	2261	N/A	N/A	N/A	N/A	N/A	1305	N/A
1170	N/A	N/A	N/A	2221	N/A	N/A	N/A	N/A
1282	2262	N/A	1392	2551	N/A	N/A	1287	N/A
1288	2266	N/A	1052	2278	N/A	N/A	525	N/A
1346	2267	N/A	1391	2392	N/A	N/A	538	N/A
1290	N/A	248	1304	2735	597	N/A	N/A	N/A
1291	N/A	N/A	1290	2459	N/A	N/A	N/A	N/A
1347	2268	N/A	N/A	2734	N/A	N/A	1536	N/A
1292	N/A	N/A	N/A	N/A	240	N/A	N/A	N/A
1293	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1460	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1445	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1206	2259	N/A	N/A	N/A	N/A	N/A	1211	N/A
1340	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1447	2248	N/A	1150	2547	N/A	N/A	1209	N/A
1122	N/A	N/A	1350	2230	N/A	N/A	N/A	N/A
1284	2247	N/A	N/A	2226	N/A	0	1276	5531
1126	2110	269	1170	2209	N/A	N/A	1175	N/A
1446	N/A	N/A	N/A	2202	N/A	N/A	N/A	N/A
1403	N/A	N/A	1390	2460	227	N/A	N/A	N/A
1221	2028	N/A	1106	2544	661	N/A	1156	N/A
1172	2249	268	1156	2542	658	N/A	630	5633
1330	N/A	246	1140	2229	N/A	N/A	N/A	5633
1294	2250	N/A	N/A	2317	218	N/A	1212	5933
1173	N/A	N/A	N/A	2584	N/A	N/A	N/A	N/A
1344	2251	N/A	1103	N/A	N/A	N/A	1174	N/A
1345	2252	N/A	1395	2552	N/A	N/A	1103	N/A
1295	N/A	N/A	1357	N/A	N/A	N/A	N/A	N/A
1296	2254	N/A	1394	N/A	669	N/A	1272	N/A
1297	2114	N/A	N/A	2601	N/A	N/A	1210	5944
1298	2114	N/A	1303	2411	N/A	N/A	1273	N/A
1212	N/A	N/A	N/A	2340	376	N/A	N/A	N/A
1316	N/A	N/A	1087	2538	608	N/A	N/A	N/A
1165	N/A	N/A	N/A	2274	N/A	N/A	N/A	N/A
1211	2142	N/A	1085	N/A	666	N/A	1218	N/A
1214	N/A	N/A	N/A	2486	N/A	N/A	N/A	N/A

1215	N/A	N/A	N/A	2404	368	N/A	N/A	N/A
1317	n/m	N/A	N/A	2485	N/A	N/A	1327	N/A
1174	2294	N/A	1040	2731	369	N/A	1330	N/A
1213	2295	N/A	N/A	N/A	N/A	N/A	1329	N/A
1322	2146	N/A	1041	2484	N/A	2674	1240	N/A
1321	2296	N/A	N/A	N/A	610	N/A	1166	N/A
1458	N/A	N/A	N/A	2217	556	N/A	N/A	N/A
1299	N/A	N/A	1305	N/A	N/A	N/A	N/A	N/A
1300	N/A	N/A	N/A	N/A	141	843	N/A	N/A
1301	N/A	N/A	N/A	2250	N/A	N/A	N/A	N/A
1339	2258	N/A	1062	2241	N/A	N/A	1229	N/A
1454	N/A	N/A	N/A	2733	N/A	N/A	N/A	N/A
1453	N/A	223	N/A	N/A	382	N/A	N/A	N/A
1421	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1414	N/A	N/A	1318	2265	616	N/A	N/A	N/A
1415	N/A	N/A	N/A	2565	N/A	N/A	N/A	N/A
1401	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1455	N/A	N/A	N/A	2618	379	N/A	N/A	N/A
1456	n/m	N/A	1240	N/A	N/A	N/A	1040	N/A
1408	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1457	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1311	2298	N/A	1010	N/A	N/A	N/A	1268	N/A
1163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1210	N/A	220	N/A	2537	N/A	N/A	N/A	N/A
1164	2138	N/A	N/A	2592	N/A	5	1011	N/A
1314	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1175	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1318	N/A	221	1011	N/A	N/A	N/A	N/A	874
1319	2302	N/A	N/A	2585	N/A	704	1219	N/A
1320	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1167	N/A	N/A	1012	2540	N/A	N/A	N/A	N/A
1176	2146	N/A	1364	N/A	N/A	27	1283	N/A
1177	2304	N/A	N/A	2407	N/A	N/A	1041	N/A
1216	2147	N/A	N/A	N/A	N/A	707	1241	N/A
1323	N/A	252	N/A	N/A	N/A	N/A	N/A	N/A
1324	N/A	N/A	N/A	2487	N/A	N/A	N/A	N/A
1178	2306	N/A	1239	2541	N/A	N/A	1234	N/A
1179	2149	001	1001	2297	401	1	1001	10
1180	2150	002	1000	2296	402	N/A	1000	20