

Izidor Hafner

Maps

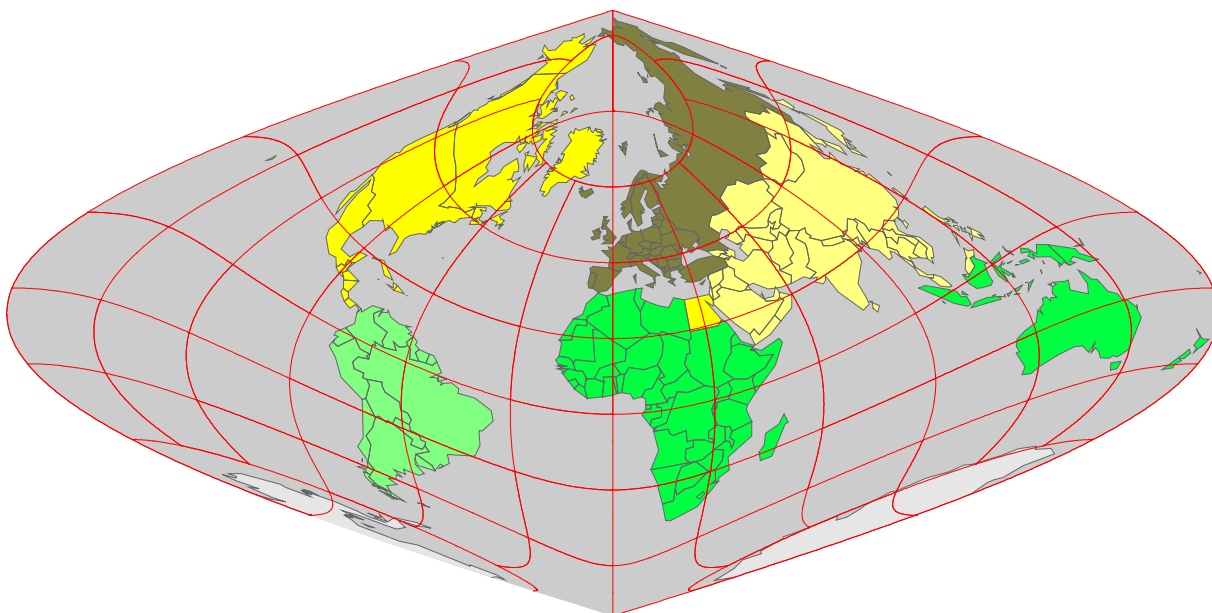
Latitude and Longitude

Problems

1.

Positions of eight cities are given. Mark the points in the map.

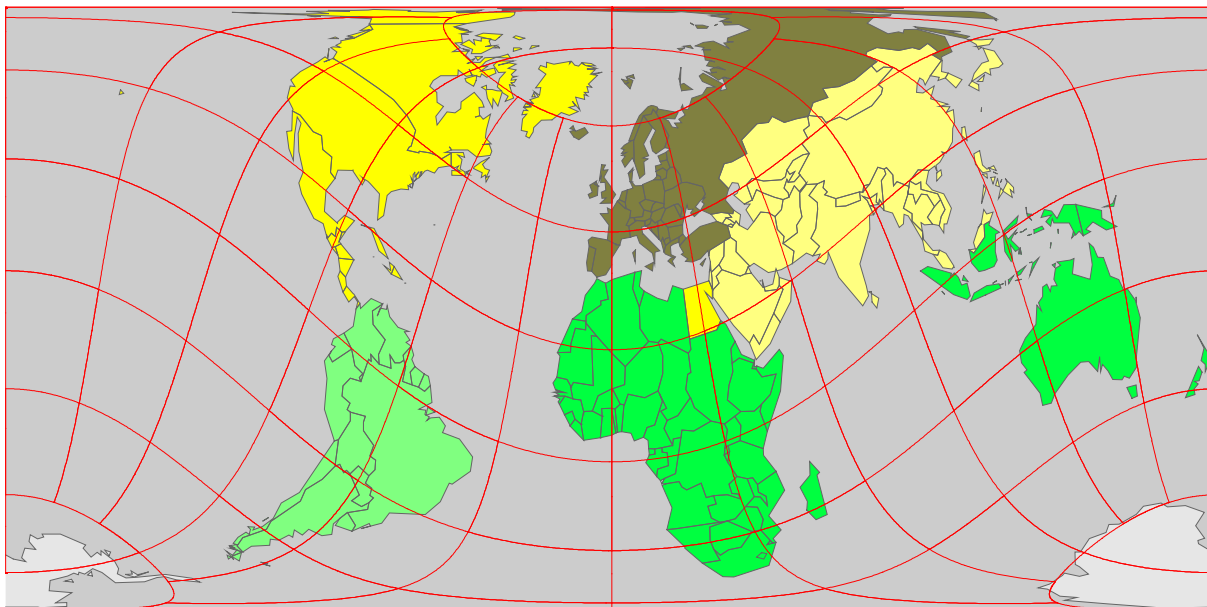
1. {44 N, 7 E} 2. {13 N, 45 E} 3. {5 N, 74 W} 4. {25 N, 52 E}
5. {41 N, 29 E} 6. {2 S, 30 E} 7. {39 N, 9 W} 8. {12 N, 105 E}



2.

Positions of eight cities are given. Mark the points in the map.

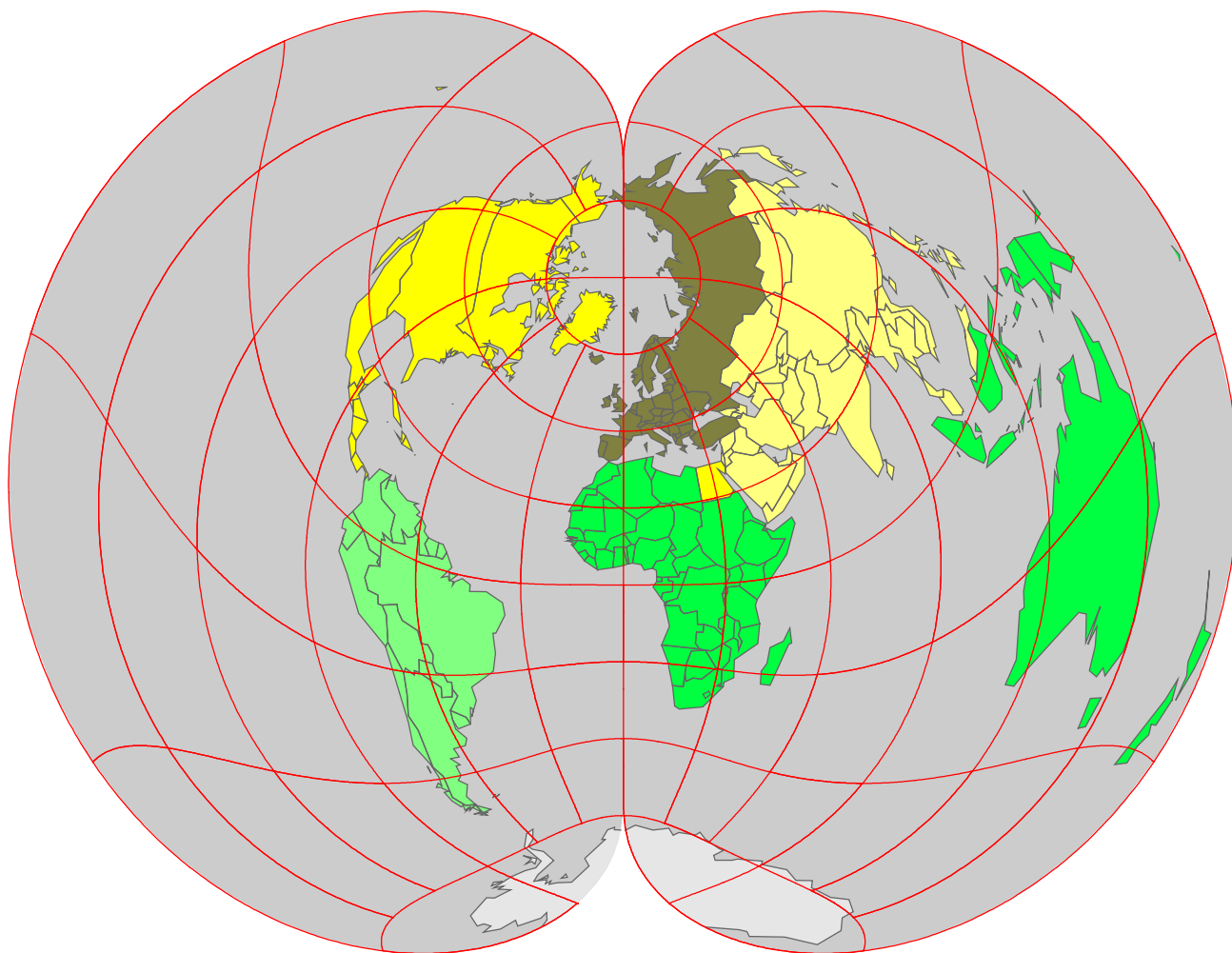
1. {43 N, 2 E} 2. {35 S, 58 W} 3. {15 N, 17 W} 4. {0 S, 32 E}
5. {50 N, 30 E} 6. {18 N, 77 W} 7. {5 N, 73 E} 8. {26 N, 51 E}



3.

Positions of eight cities are given. Mark the points in the map.

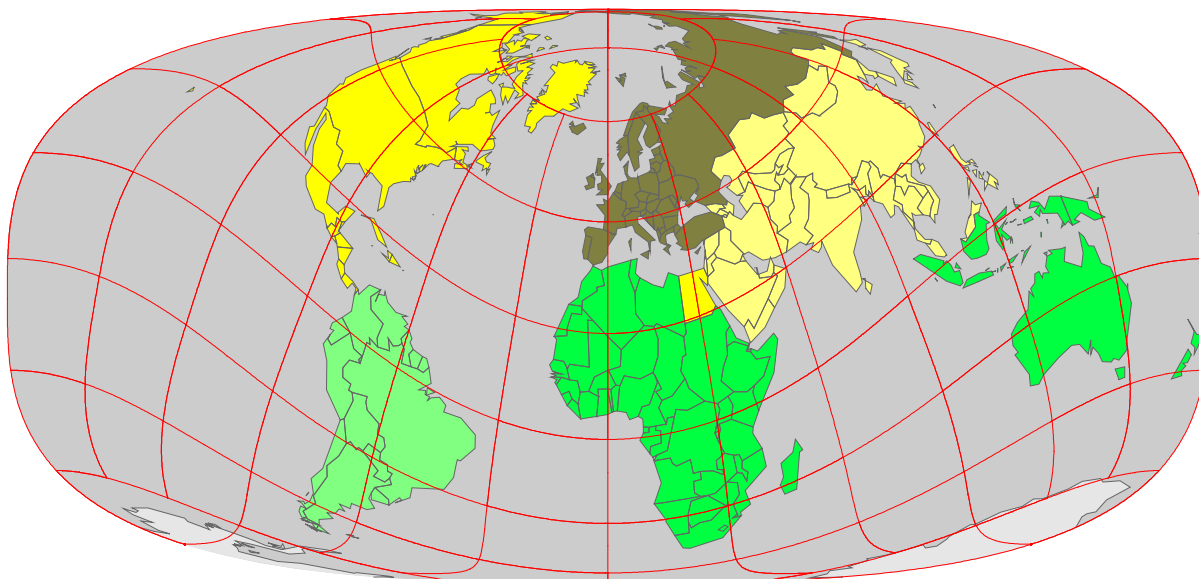
1. {24 N, 54 E} 2. {38 N, 58 E} 3. {6 S, 107 E} 4. {18 S, 31 E}
5. {7 N, 134 E} 6. {26 S, 33 E} 7. {14 S, 171 W} 8. {15 N, 44 E}



4.

Positions of eight cities are given. Mark the points in the map.

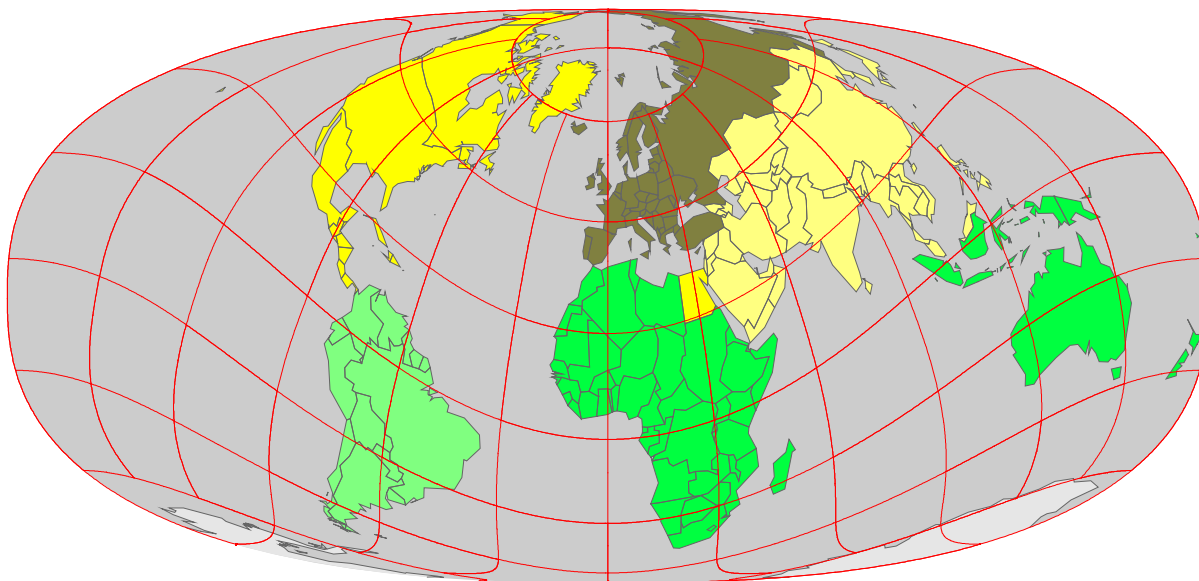
1. {16 N, 62 W} 2. {53 N, 6 W} 3. {7 N, 134 E} 4. {29 N, 48 E}
5. {29 S, 28 E} 6. {46 N, 74 W} 7. {18 N, 63 W} 8. {52 N, 21 E}



5.

Positions of eight cities are given. Mark the points in the map.

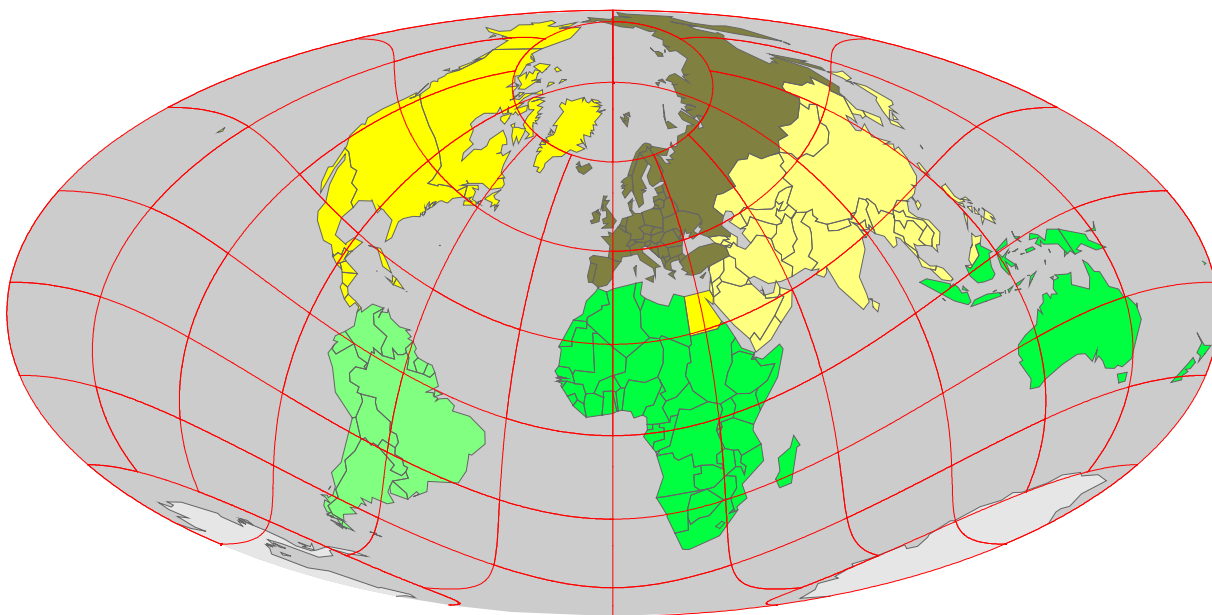
1. {32 N, 36 E} 2. {52 N, 3 W} 3. {21 N, 106 E} 4. {6 N, 3 E}
5. {35 S, 56 W} 6. {6 N, 55 W} 7. {9 S, 147 E} 8. {39 N, 126 E}



6.

Positions of eight cities are given. Mark the points in the map.

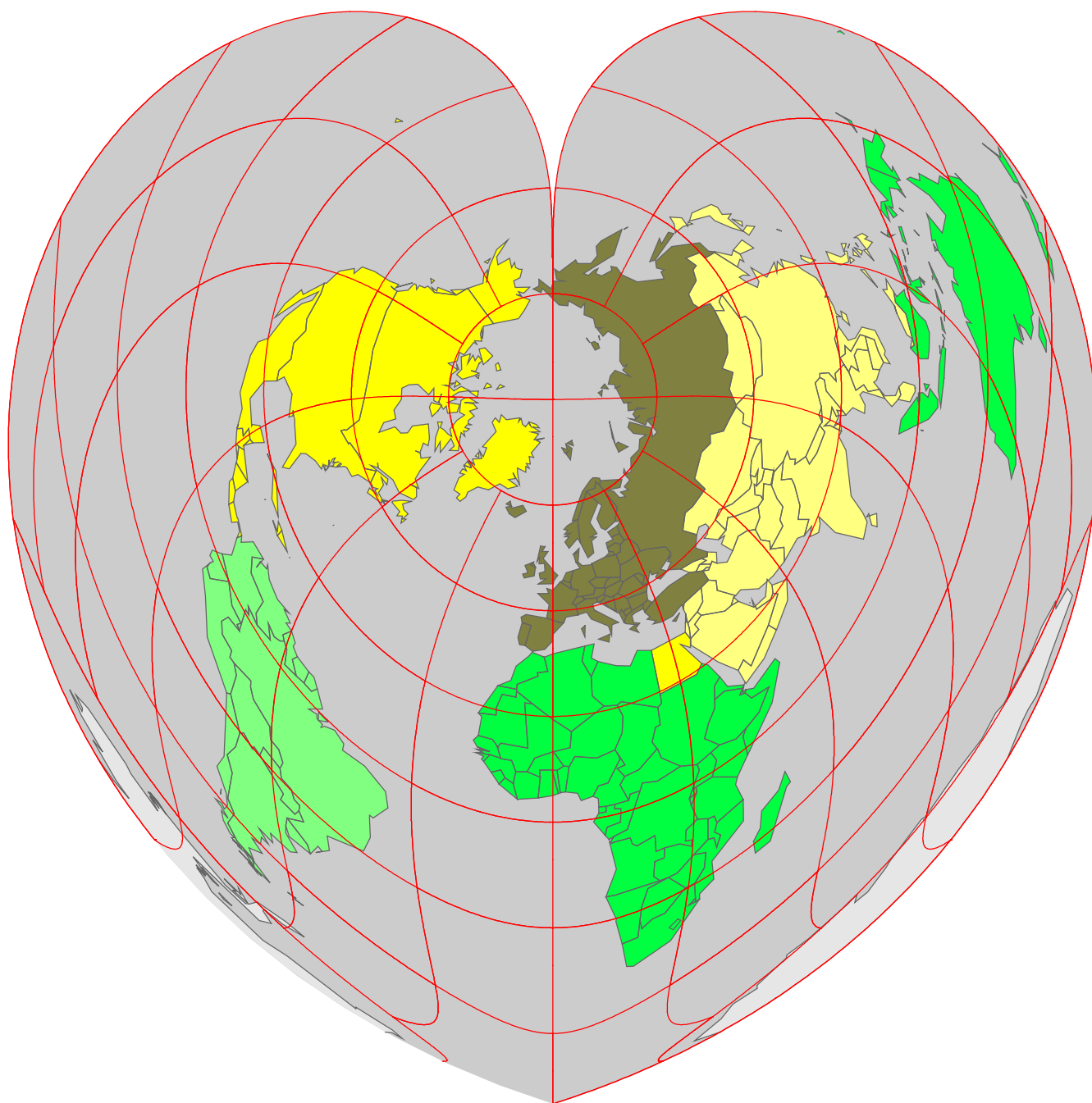
1. {43 N, 77 E} 2. {14 N, 100 E} 3. {34 S, 18 E} 4. {56 N, 13 E}
5. {18 S, 31 E} 6. {26 N, 51 E} 7. {17 N, 25 W} 8. {0 S, 78 W}



7.

Positions of eight cities are given. Mark the points in the map.

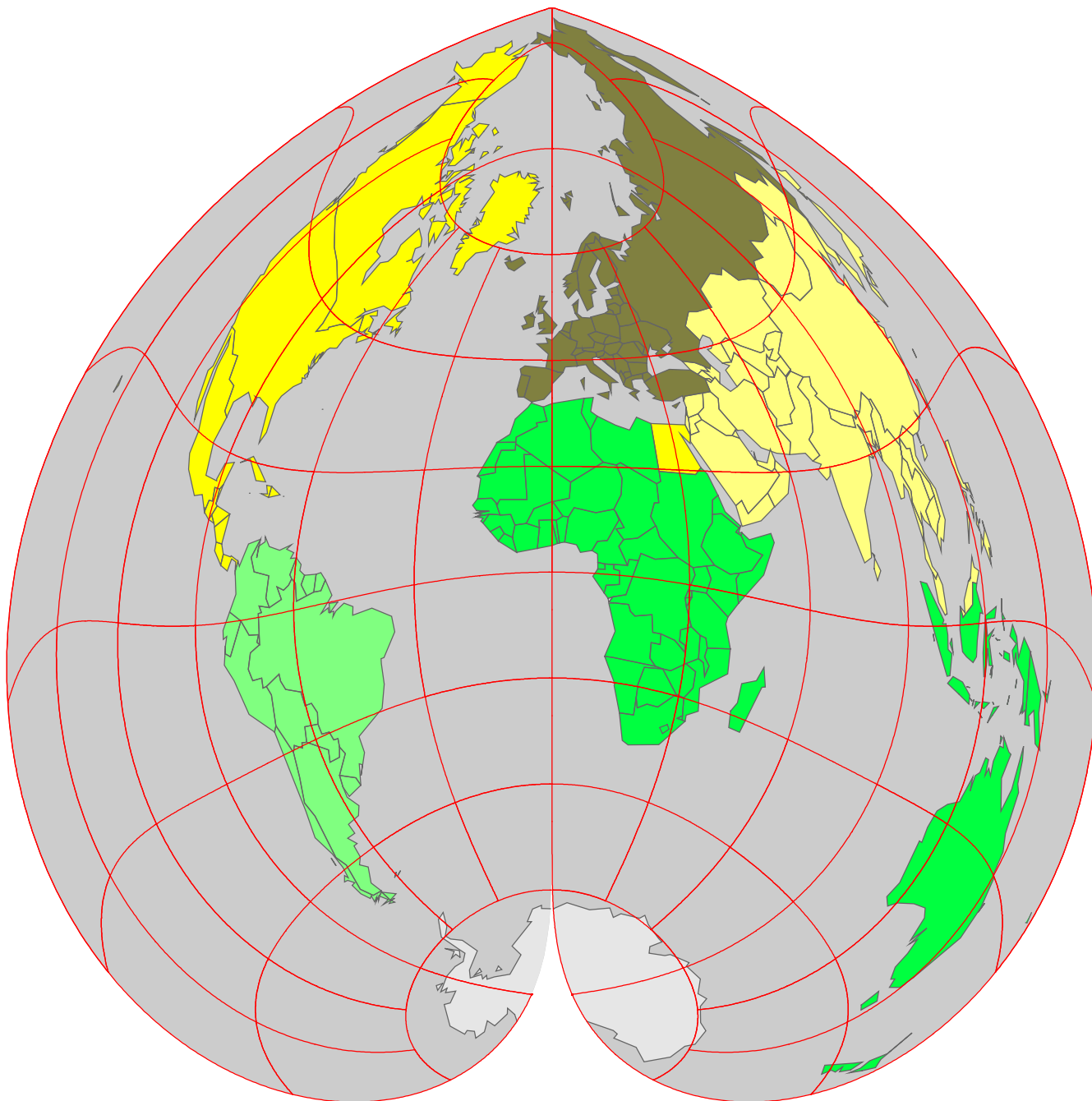
1. {6 N, 0 W} 2. {25 S, 58 W} 3. {34 N, 36 E} 4. {8 N, 13 W}
5. {0 S, 32 E} 6. {4 N, 9 E} 7. {46 N, 74 W} 8. {20 S, 57 E}



8.

Positions of eight cities are given. Mark the points in the map.

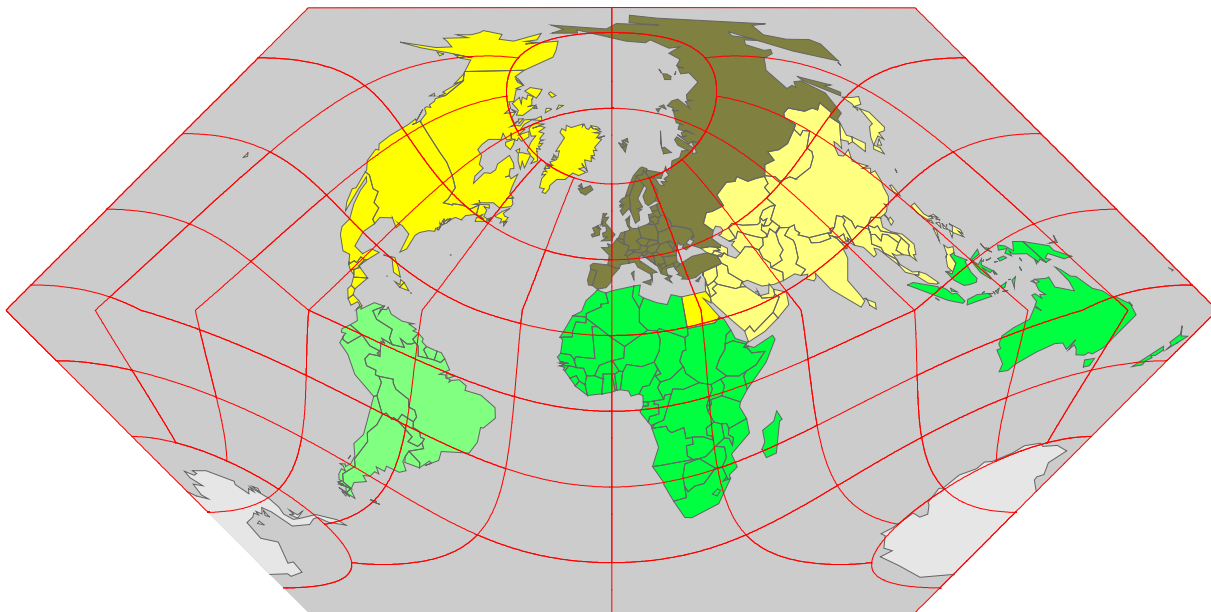
1. {32 N, 36 E} 2. {47 N, 8 E} 3. {33 N, 64 E} 4. {34 N, 69 E}
5. {25 N, 67 E} 6. {50 N, 30 E} 7. {5 N, 73 E} 8. {17 N, 62 W}



9.

Positions of eight cities are given. Mark the points in the map.

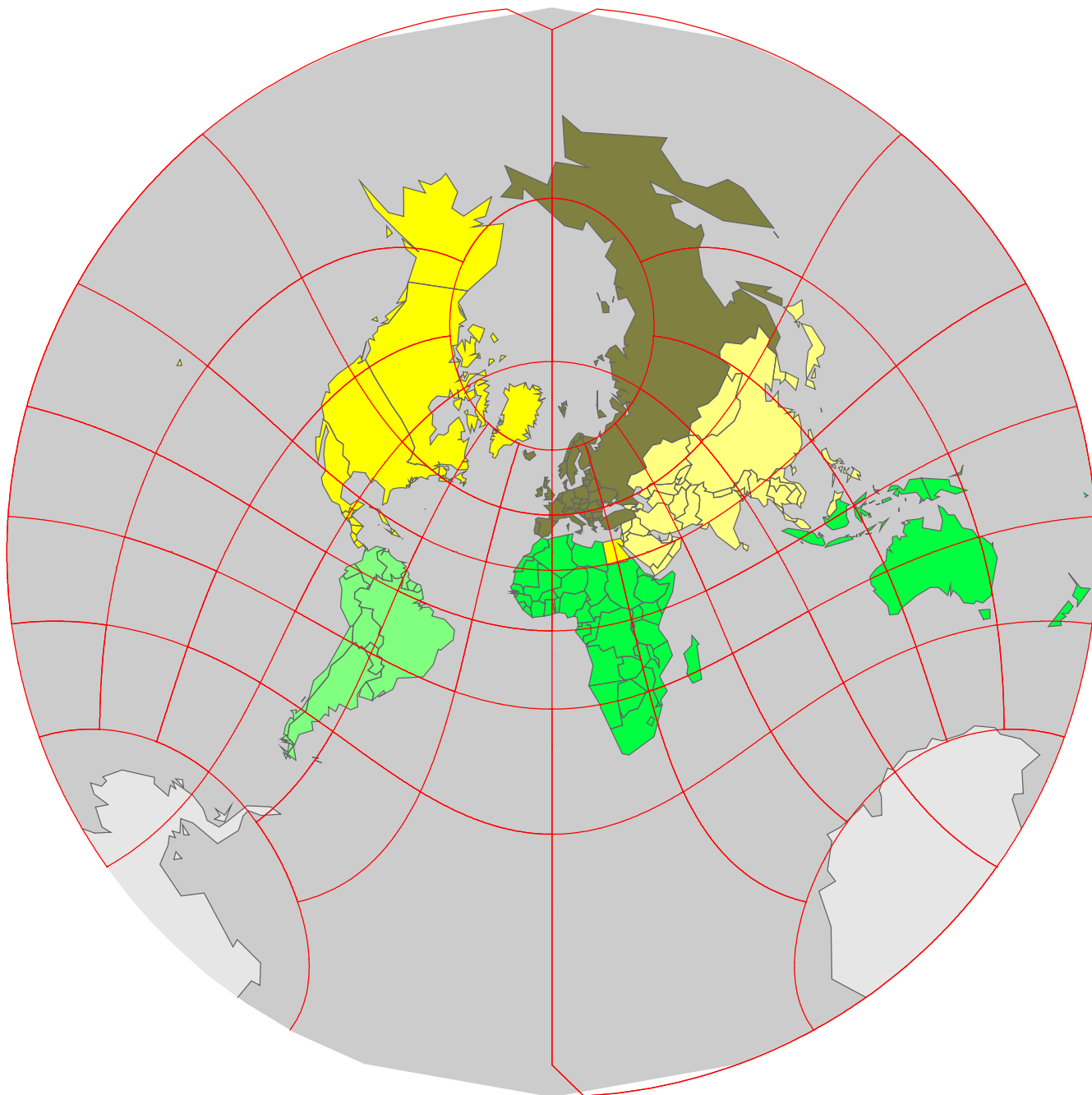
1. {13 N, 17 W} 2. {17 N, 63 W} 3. {53 N, 6 W} 4. {14 S, 171 W}
5. {50 N, 14 E} 6. {34 S, 151 E} 7. {25 N, 122 E} 8. {41 S, 175 E}



10.

Positions of eight cities are given. Mark the points in the map.

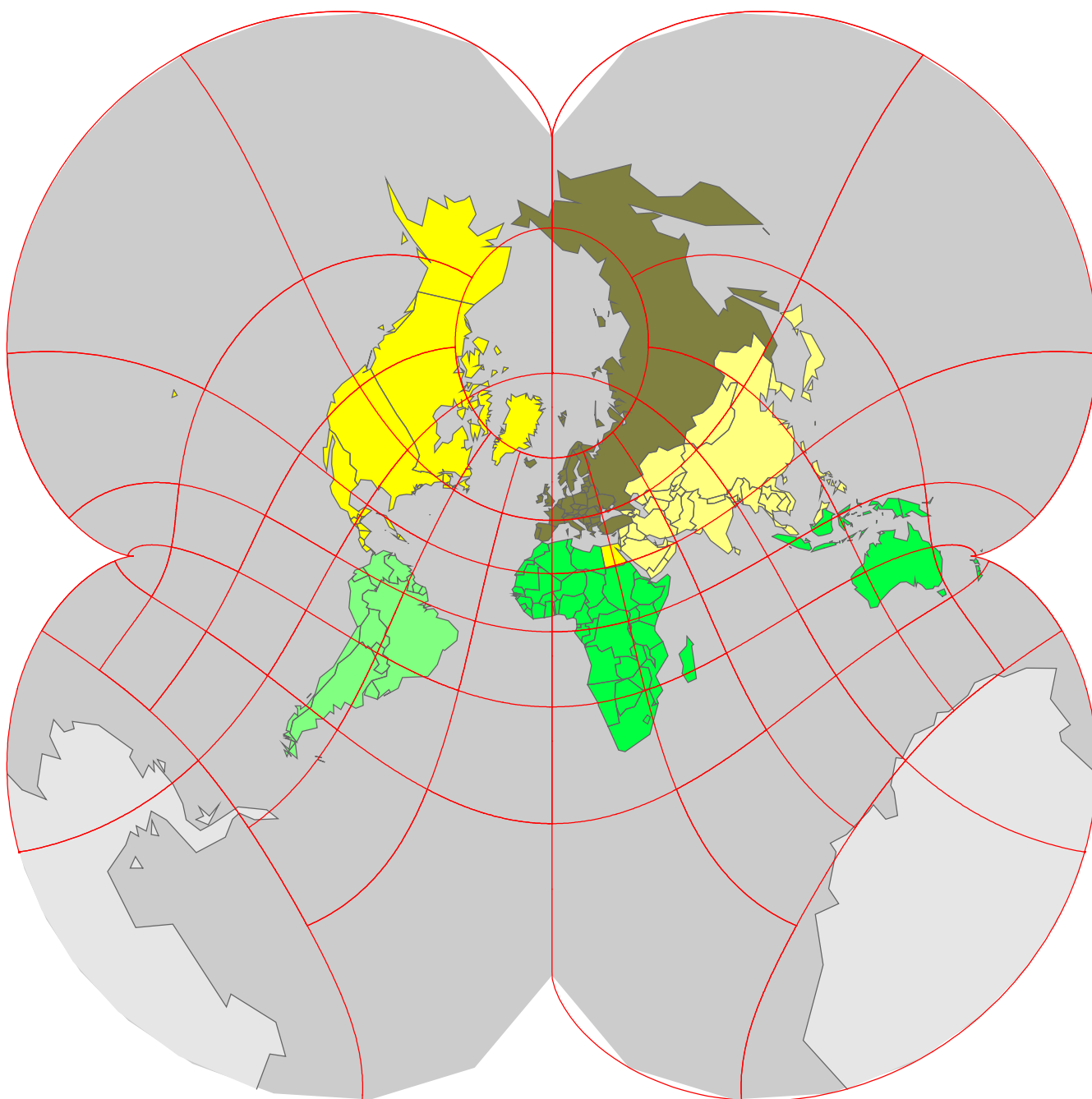
1. {33 N, 44 E} 2. {27 N, 13 W} 3. {34 N, 73 E} 4. {6 N, 3 E}
5. {6 N, 11 W} 6. {49 N, 2 E} 7. {19 N, 72 W} 8. {57 N, 24 E}



11.

Positions of eight cities are given. Mark the points in the map.

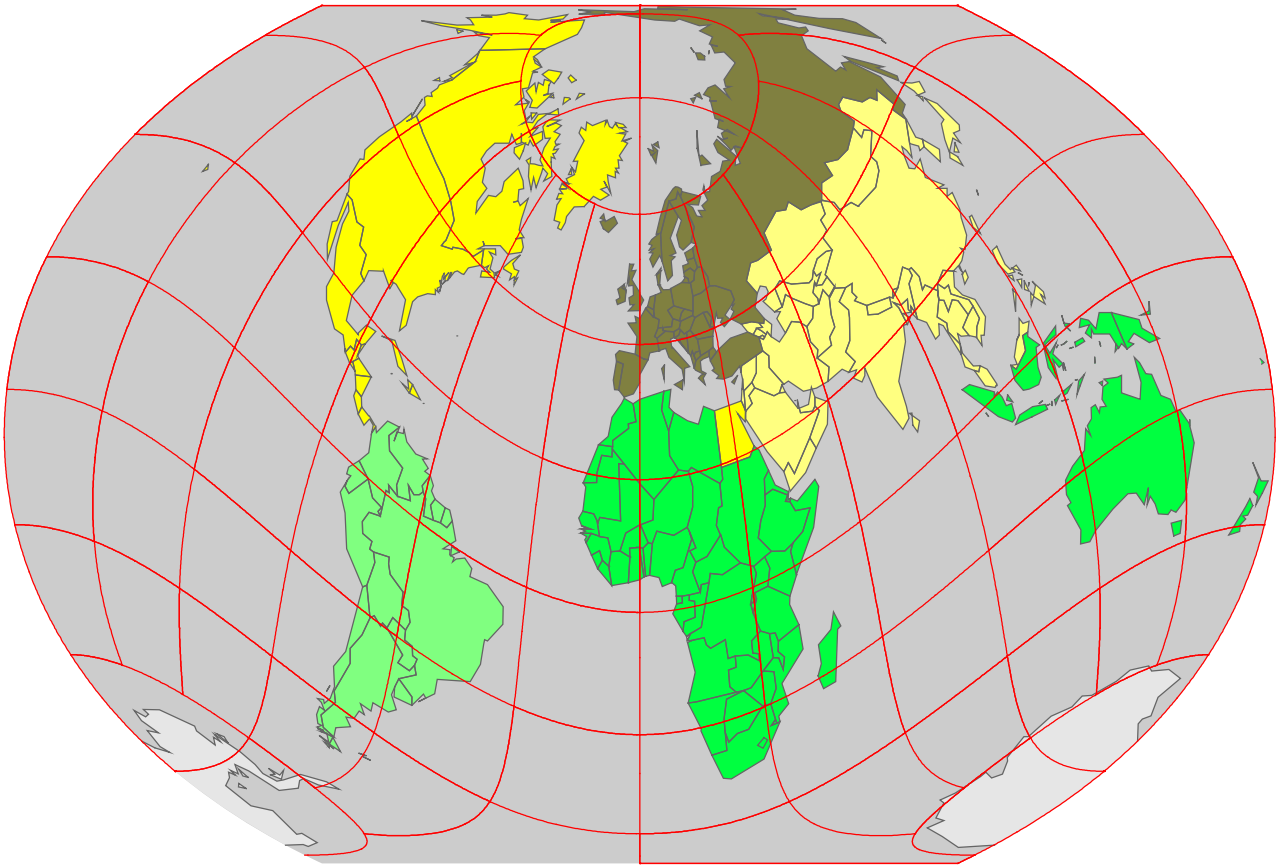
1. {35 S, 149 E} 2. {60 N, 25 E} 3. {26 S, 33 E} 4. {25 N, 77 W}
5. {45 N, 76 W} 6. {17 N, 96 E} 7. {44 N, 12 E} 8. {31 N, 122 E}



12.

Positions of eight cities are given. Mark the points in the map.

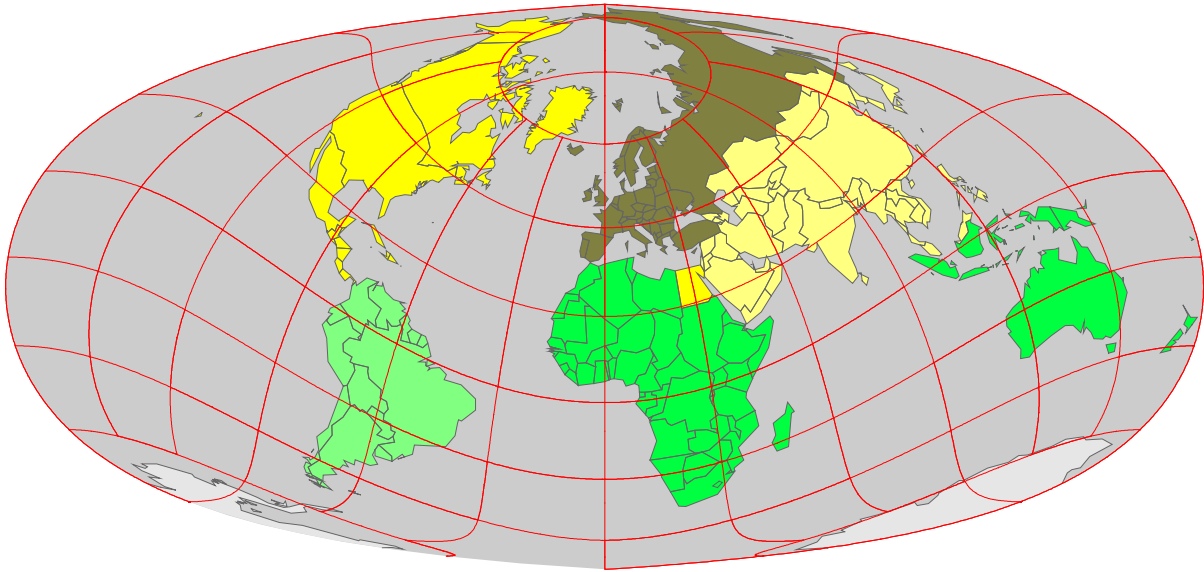
1. {5 N, 4 W} 2. {4 S, 15 E} 3. {35 S, 58 W} 4. {10 N, 67 W}
5. {56 N, 13 E} 6. {15 N, 17 W} 7. {60 N, 25 E} 8. {6 N, 1 E}



13.

Positions of eight cities are given. Mark the points in the map.

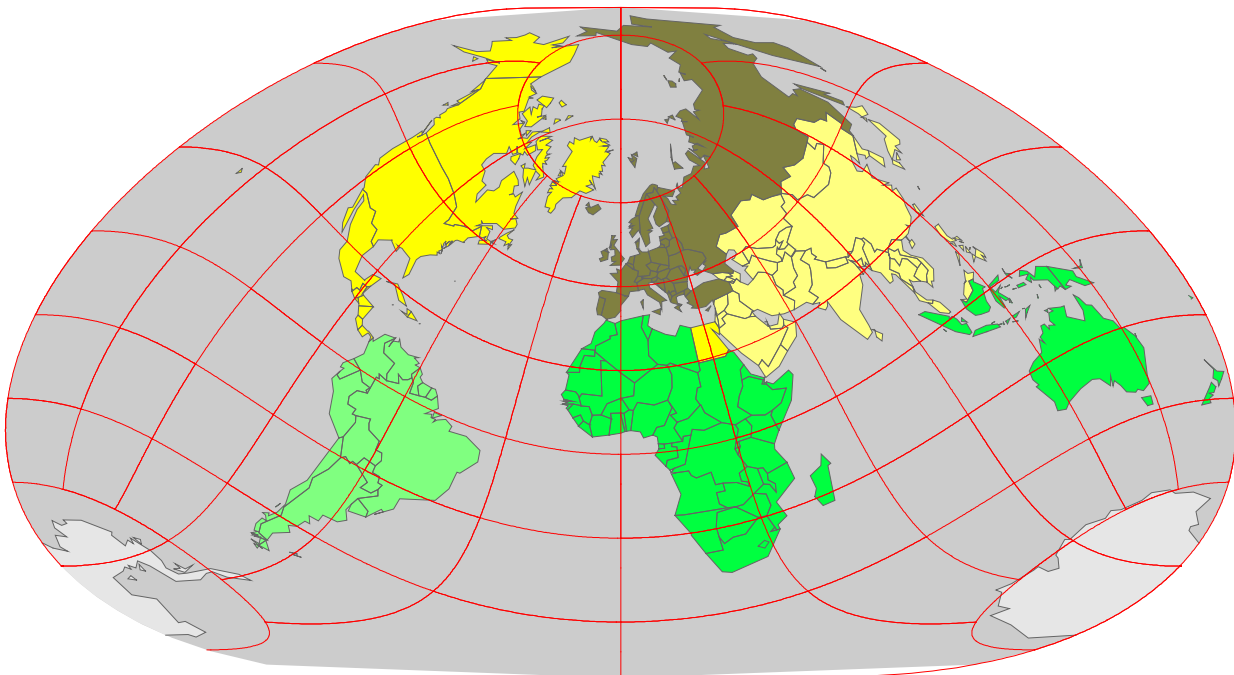
1. {9 N, 39 E} 2. {43 N, 75 E} 3. {10 N, 67 W} 4. {56 N, 13 E}
5. {41 N, 29 E} 6. {18 N, 77 W} 7. {12 N, 105 E} 8. {0 S, 78 W}



14.

Positions of eight cities are given. Mark the points in the map.

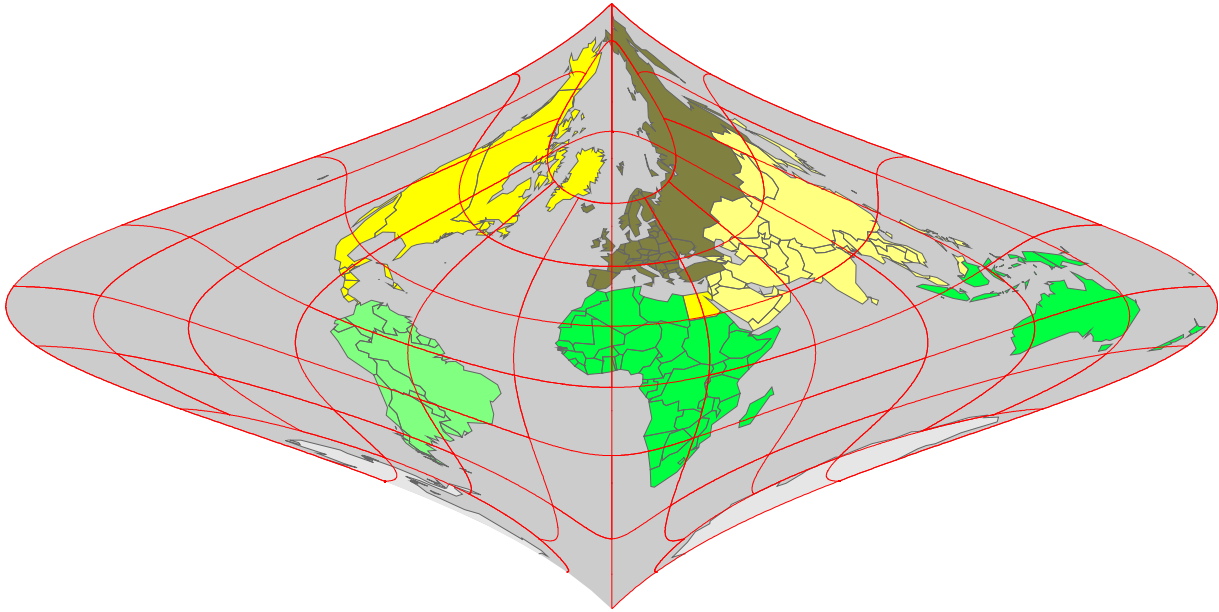
1. {5 N, 115 E} 2. {15 S, 28 E} 3. {1 N, 104 E} 4. {52 S, 60 W}
5. {12 N, 62 W} 6. {62 N, 7 W} 7. {49 N, 123 W} 8. {37 N, 122 W}



15.

Positions of eight cities are given. Mark the points in the map.

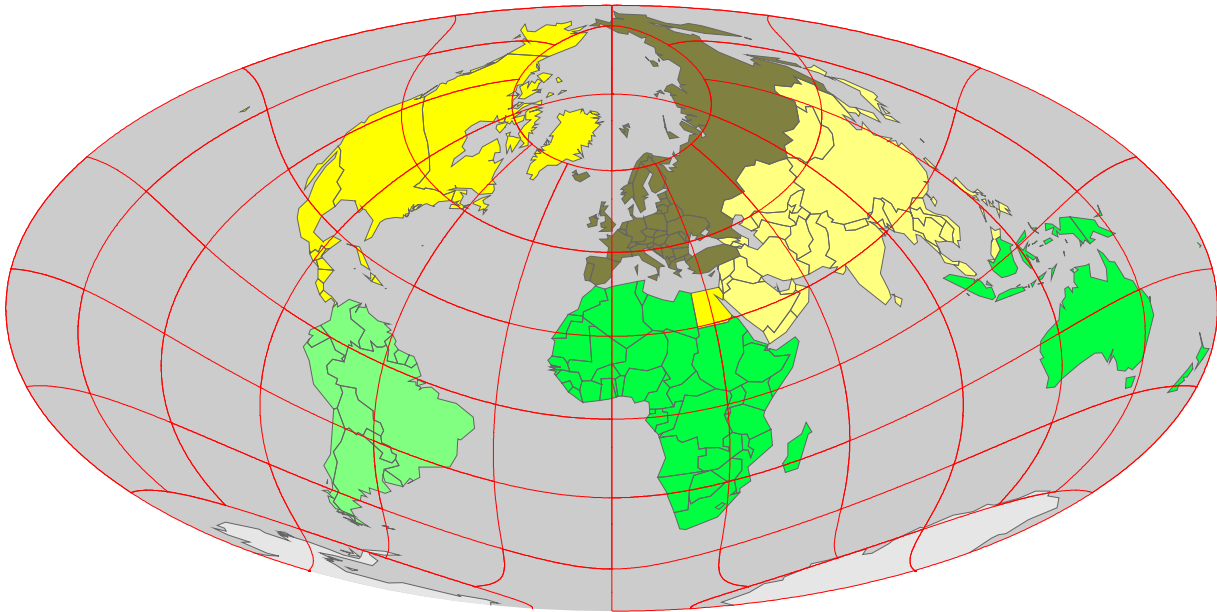
1. {9 N, 39 E} 2. {37 N, 3 E} 3. {6 S, 107 E} 4. {12 N, 70 W}
5. {39 N, 29 W} 6. {33 S, 71 W} 7. {5 S, 56 E} 8. {40 N, 45 E}



16.

Positions of eight cities are given. Mark the points in the map.

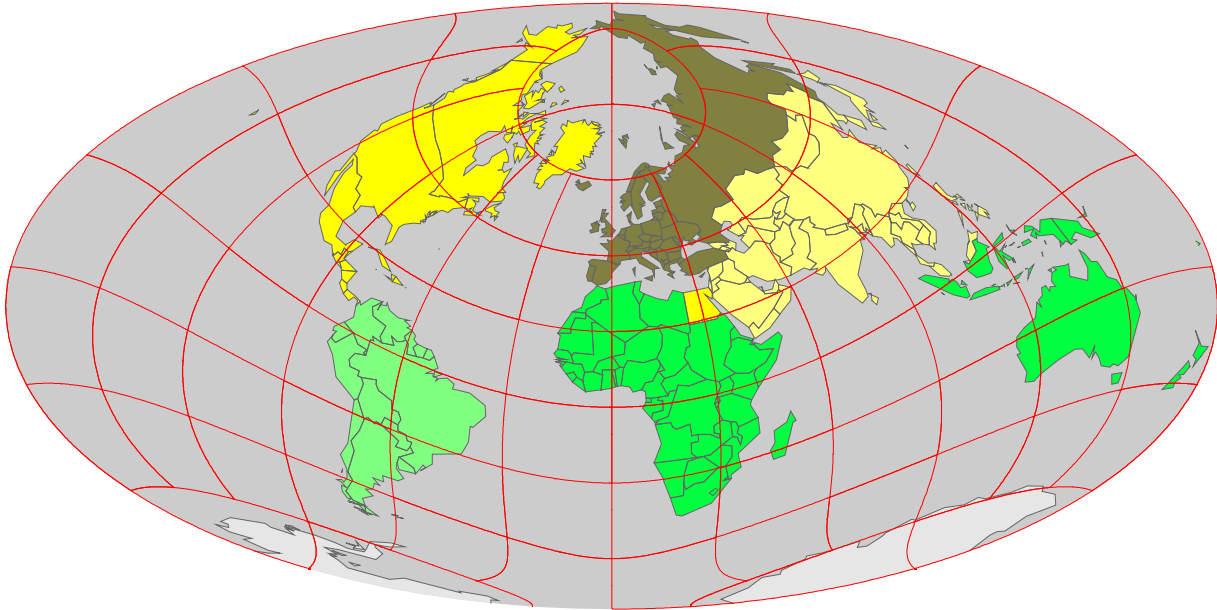
1. {44 N, 26 E} 2. {56 N, 3 W} 3. {8 S, 179 E} 4. {60 N, 25 E}
5. {35 S, 56 W} 6. {23 N, 59 E} 7. {17 N, 96 E} 8. {12 N, 62 W}



17.

Positions of eight cities are given. Mark the points in the map.

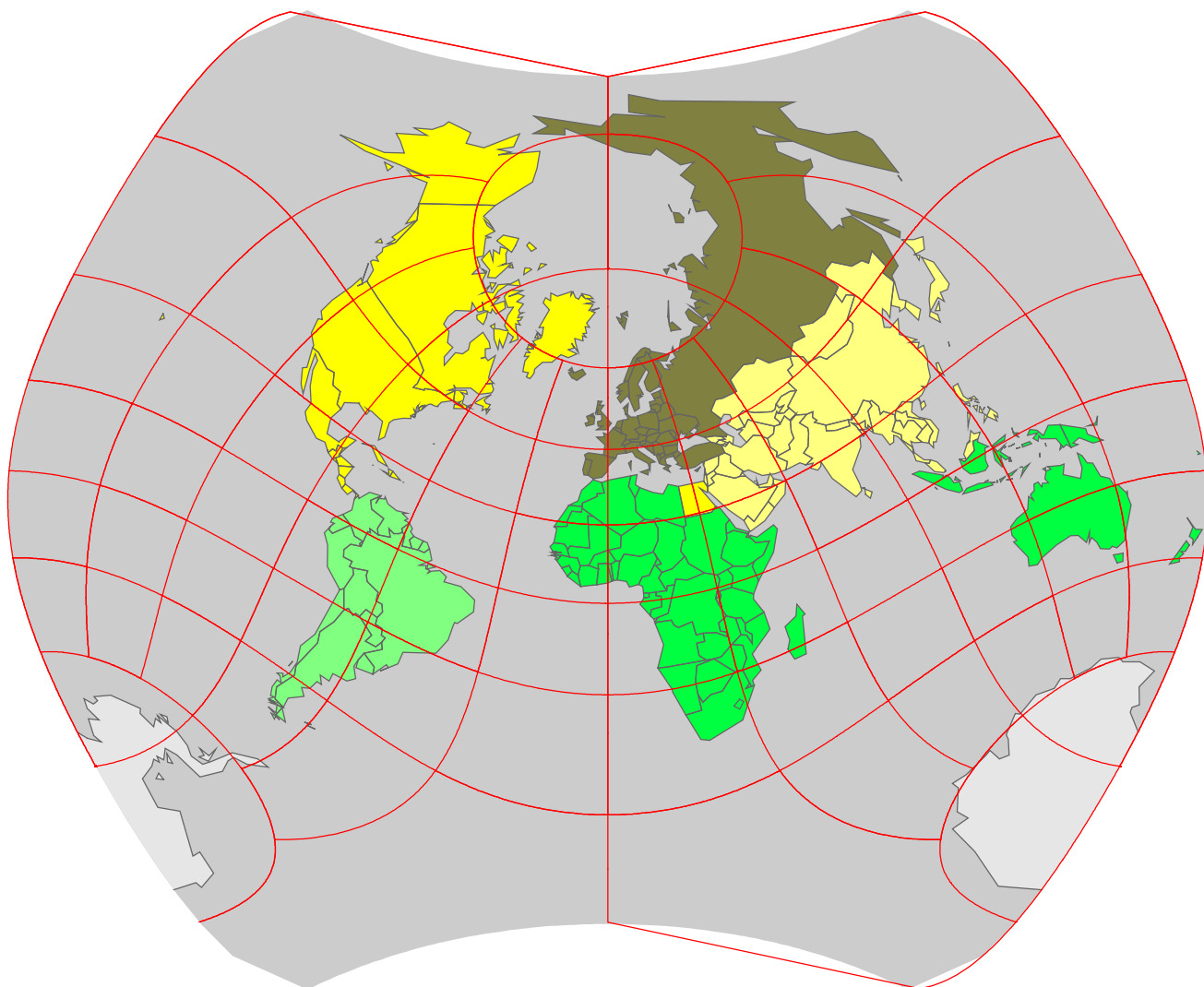
1. {25 S, 58 W} 2. {5 N, 115 E} 3. {43 N, 75 E} 4. {29 S, 28 E}
5. {13 N, 2 E} 6. {42 N, 45 E} 7. {41 S, 175 E} 8. {61 N, 150 W}



18.

Positions of eight cities are given. Mark the points in the map.

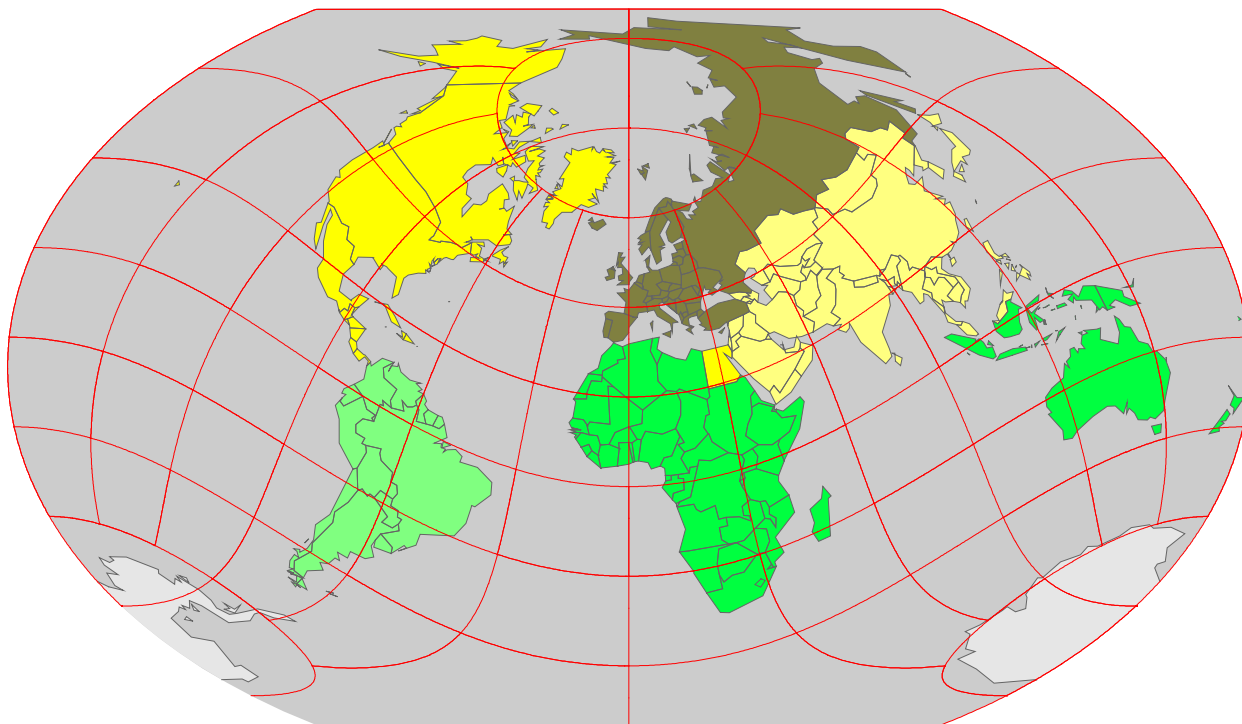
1. {53 N, 13 E} 2. {16 S, 48 W} 3. {44 N, 26 E} 4. {41 N, 29 E}
5. {29 N, 48 E} 6. {12 N, 70 W} 7. {11 N, 62 W} 8. {23 S, 43 W}



19.

Positions of eight cities are given. Mark the points in the map.

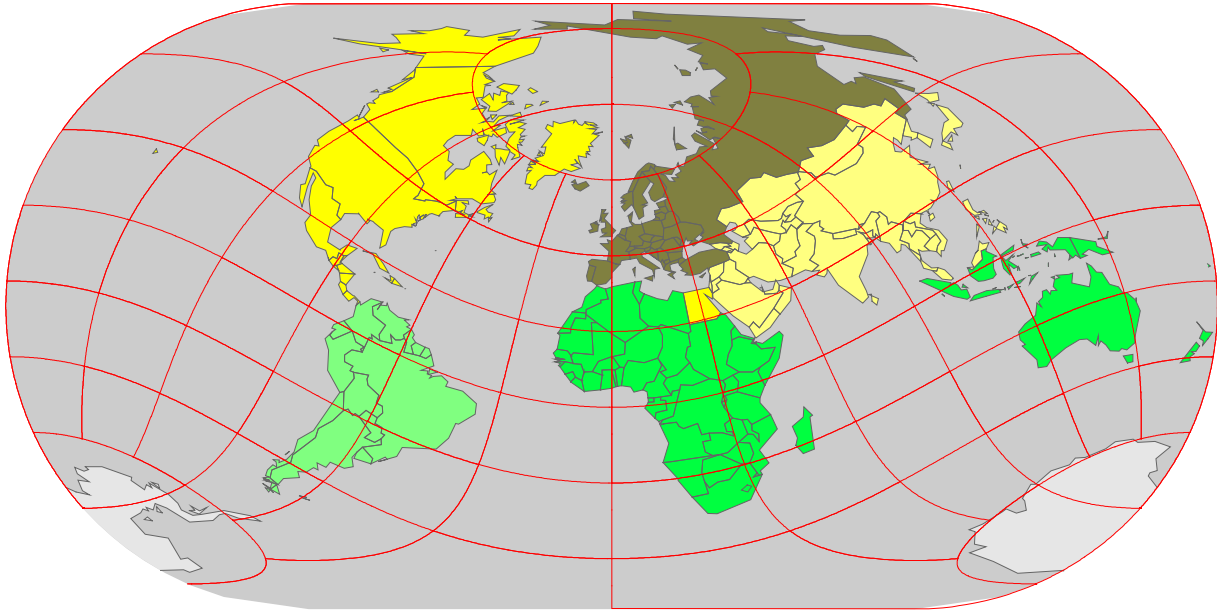
1. {51 N, 4 E} 2. {35 S, 58 W} 3. {14 S, 171 W} 4. {26 S, 28 E}
5. {0 S, 7 E} 6. {14 N, 87 W} 7. {62 N, 7 W} 8. {18 N, 65 W}



20.

Positions of eight cities are given. Mark the points in the map.

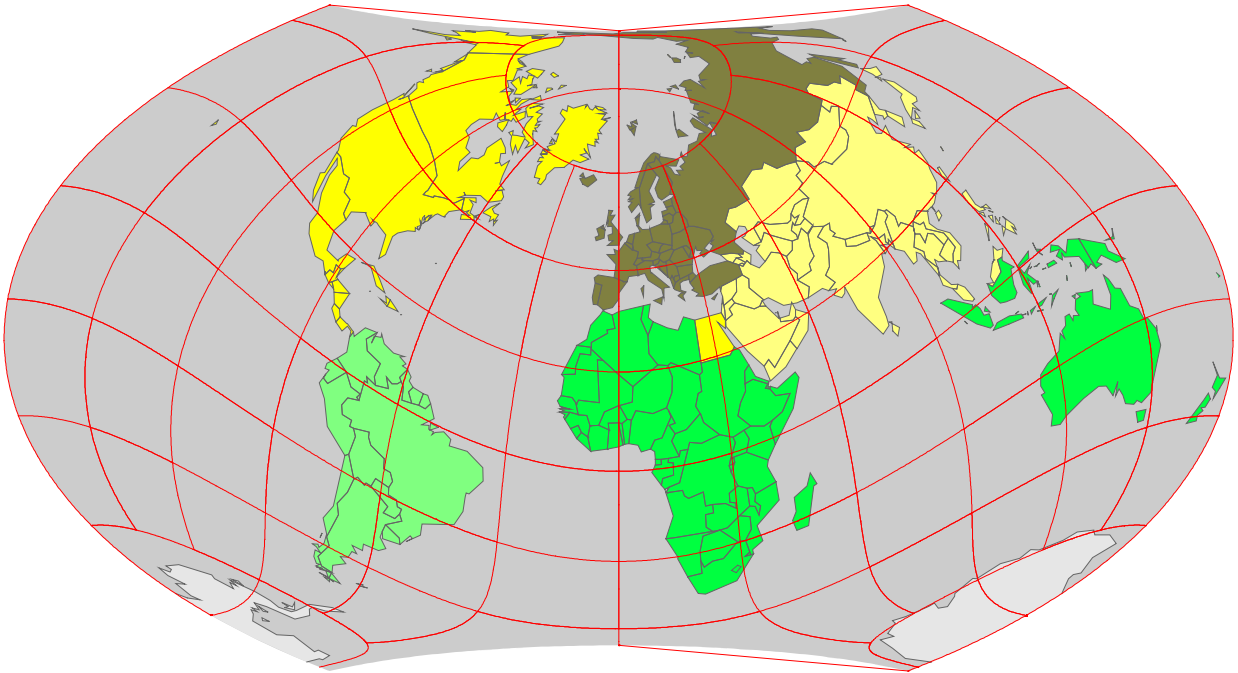
1. {22 N, 114 E} 2. {43 N, 2 E} 3. {34 S, 18 E} 4. {9 N, 14 W}
5. {47 N, 29 E} 6. {29 N, 48 E} 7. {16 S, 68 W} 8. {35 S, 56 W}



21.

Positions of eight cities are given. Mark the points in the map.

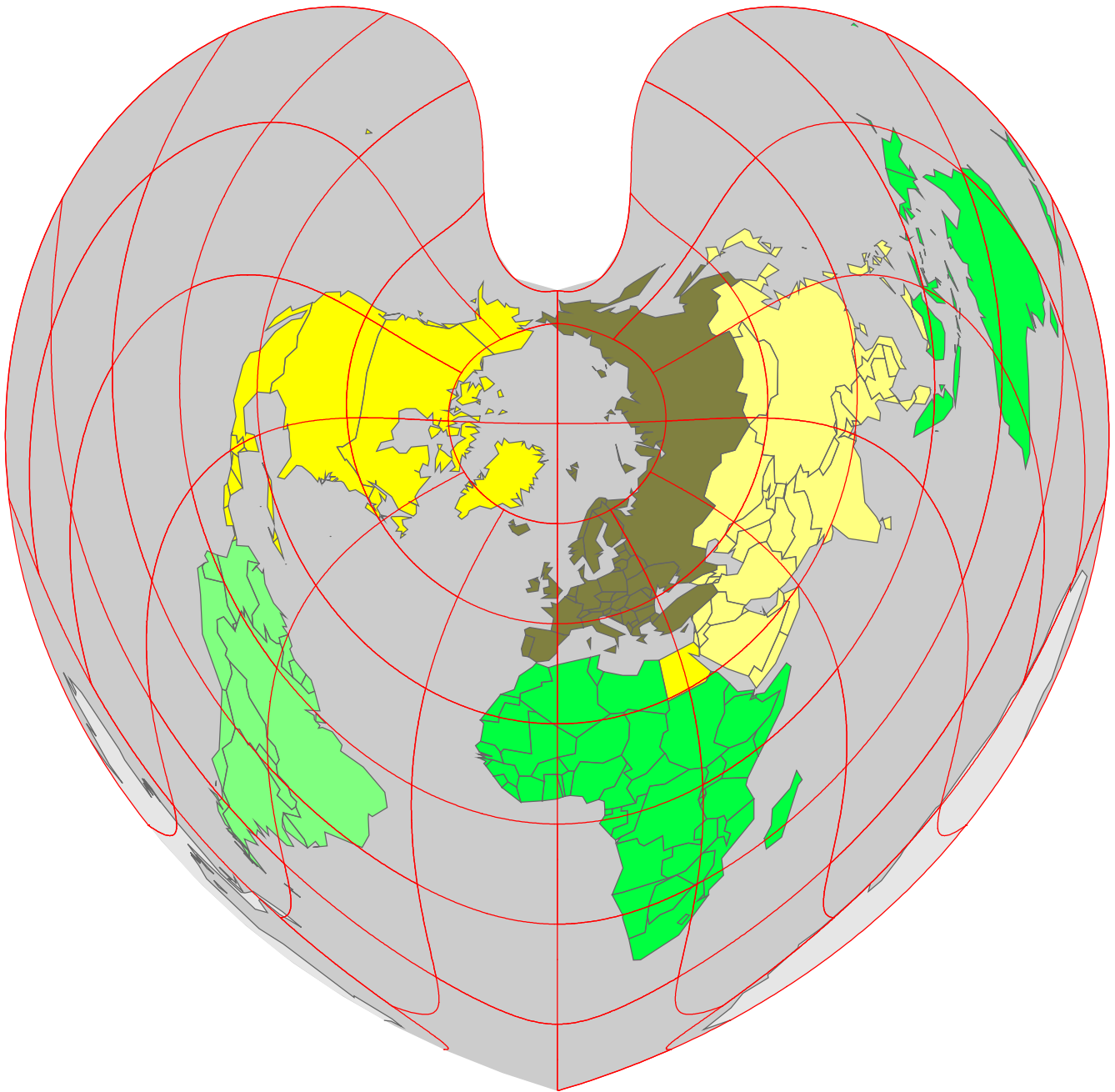
1. {5 N, 4 W} 2. {30 N, 31 E} 3. {14 N, 61 W} 4. {15 N, 61 W}
5. {7 N, 134 E} 6. {40 N, 116 E} 7. {19 S, 168 E} 8. {17 N, 25 W}



22.

Positions of eight cities are given. Mark the points in the map.

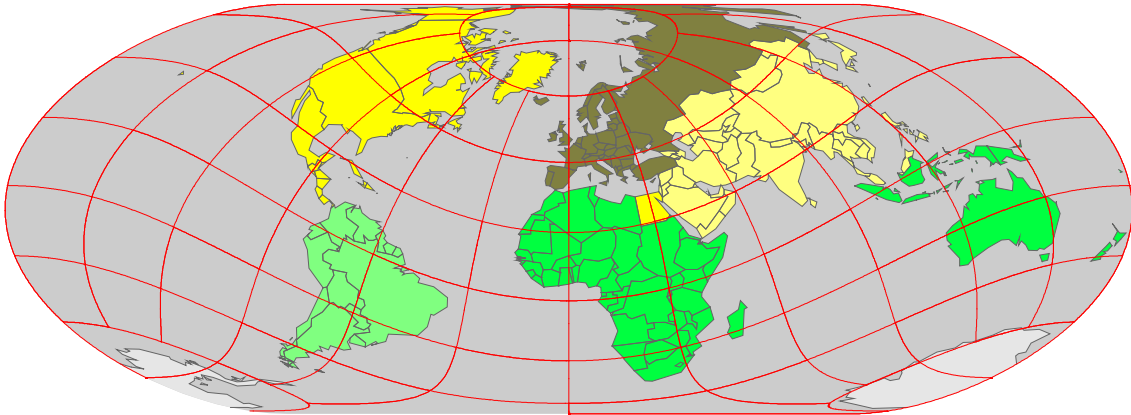
1. {13 N, 8 W} 2. {44 N, 26 E} 3. {15 N, 90 W} 4. {29 S, 28 E}
5. {35 S, 56 W} 6. {20 S, 57 E} 7. {47 N, 10 E} 8. {36 N, 15 E}



23.

Positions of eight cities are given. Mark the points in the map.

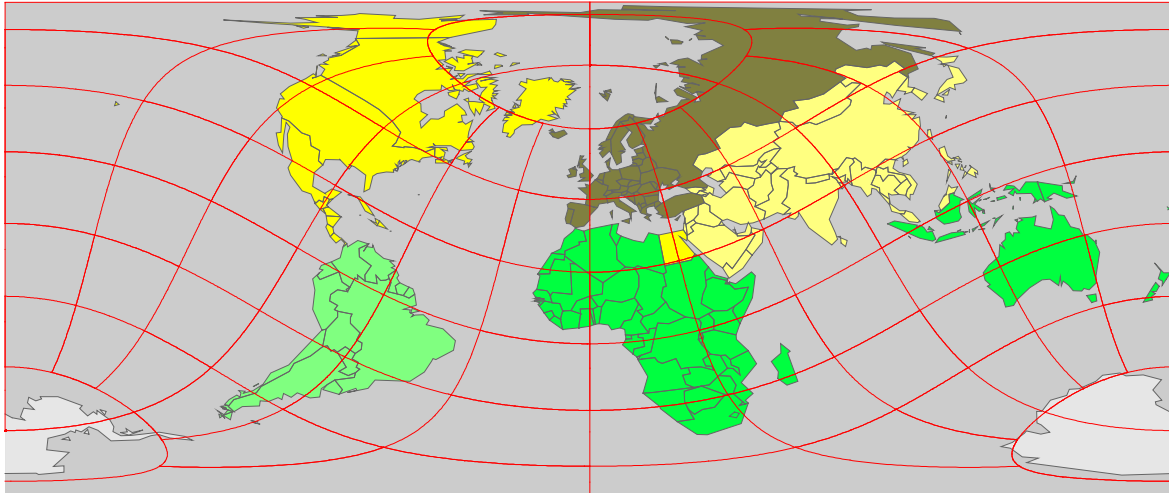
1. {15 N, 39 E} 2. {9 N, 14 W} 3. {24 N, 90 E} 4. {16 N, 33 E}
5. {40 N, 4 W} 6. {29 S, 28 E} 7. {52 S, 60 W} 8. {40 N, 45 E}



24.

Positions of eight cities are given. Mark the points in the map.

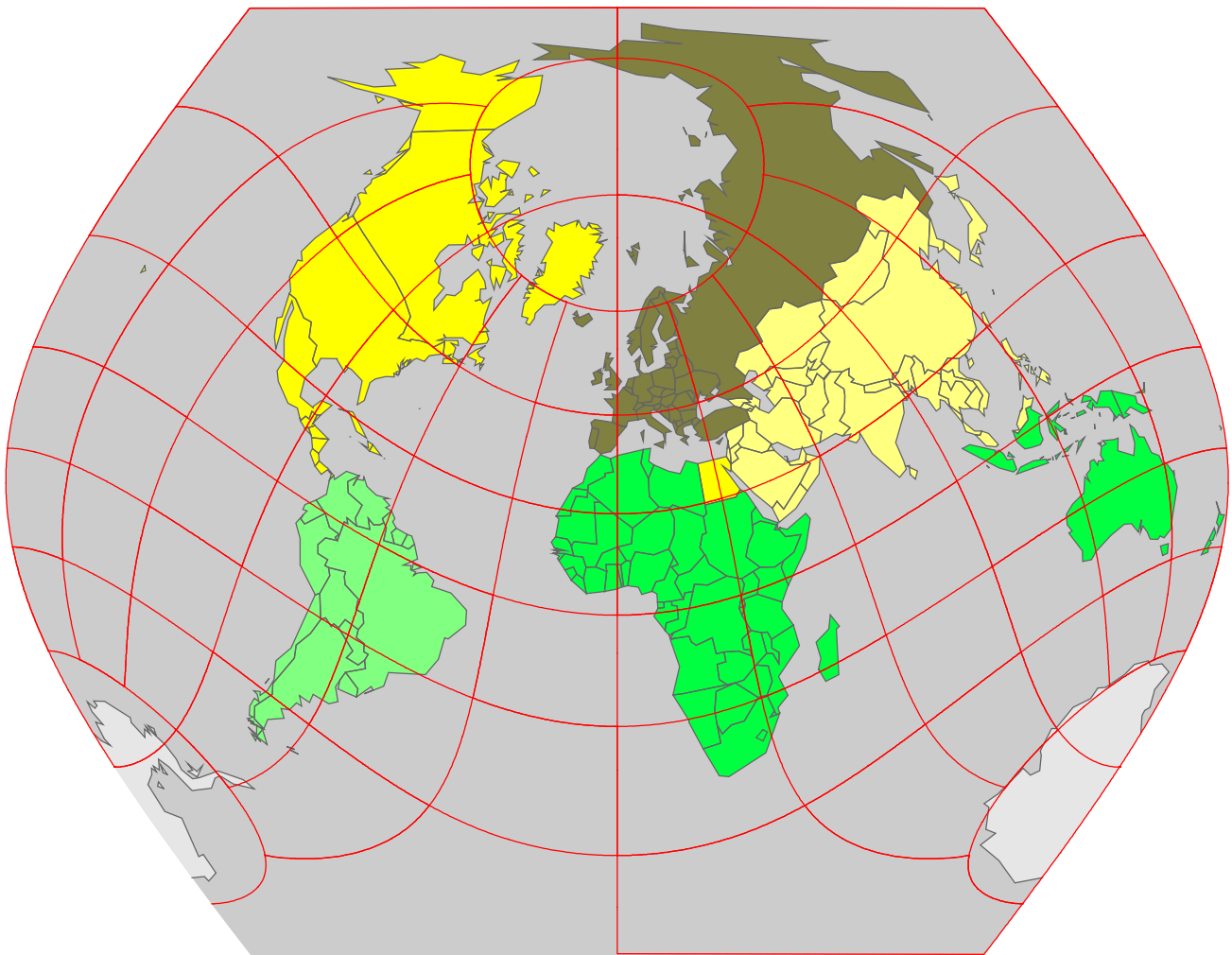
1. {38 N, 24 E} 2. {15 N, 17 W} 3. {6 S, 107 E} 4. {8 N, 13 W}
5. {33 N, 64 E} 6. {9 S, 160 E} 7. {31 N, 122 E} 8. {52 S, 60 W}



25.

Positions of eight cities are given. Mark the points in the map.

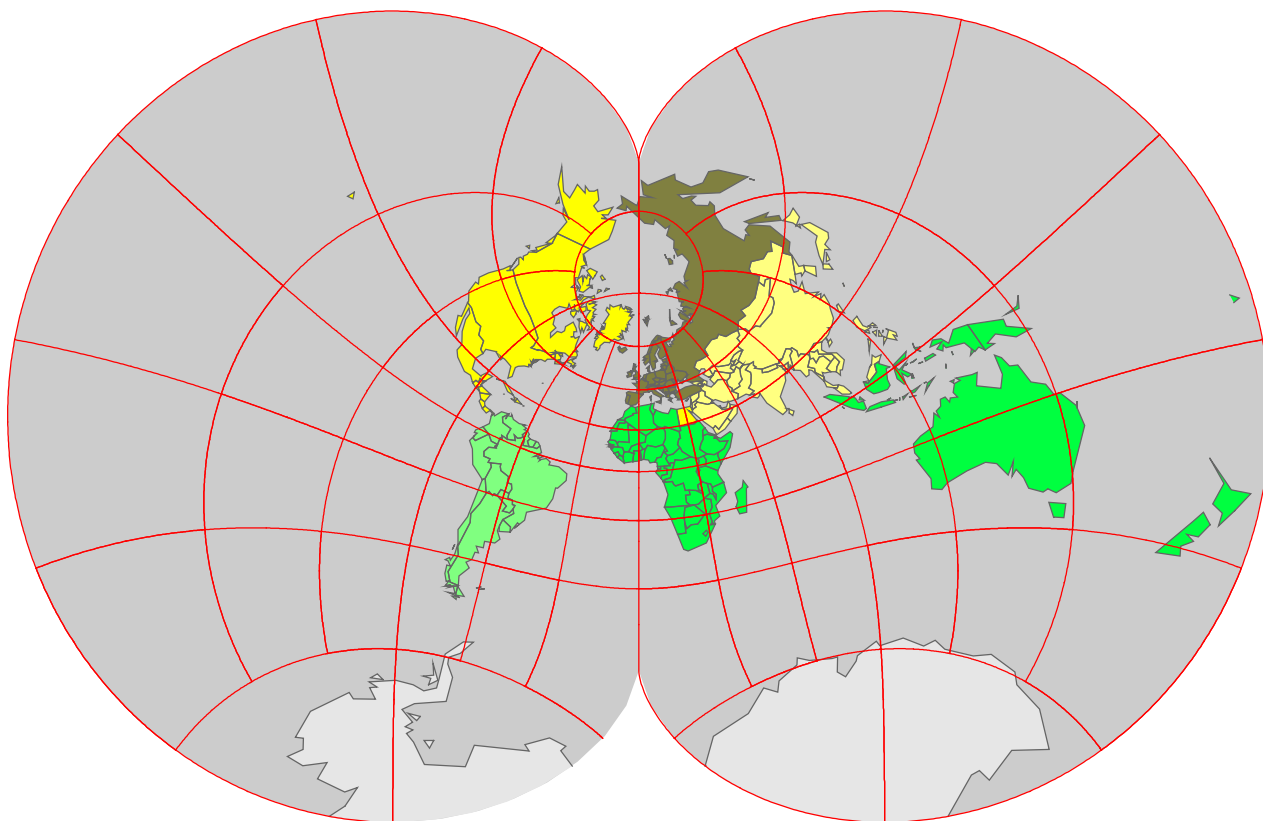
1. {6 N, 0 W} 2. {33 N, 44 E} 3. {40 N, 116 E} 4. {53 N, 13 E}
5. {34 S, 18 E} 6. {56 N, 13 E} 7. {26 S, 33 E} 8. {64 N, 22 W}



26.

Positions of eight cities are given. Mark the points in the map.

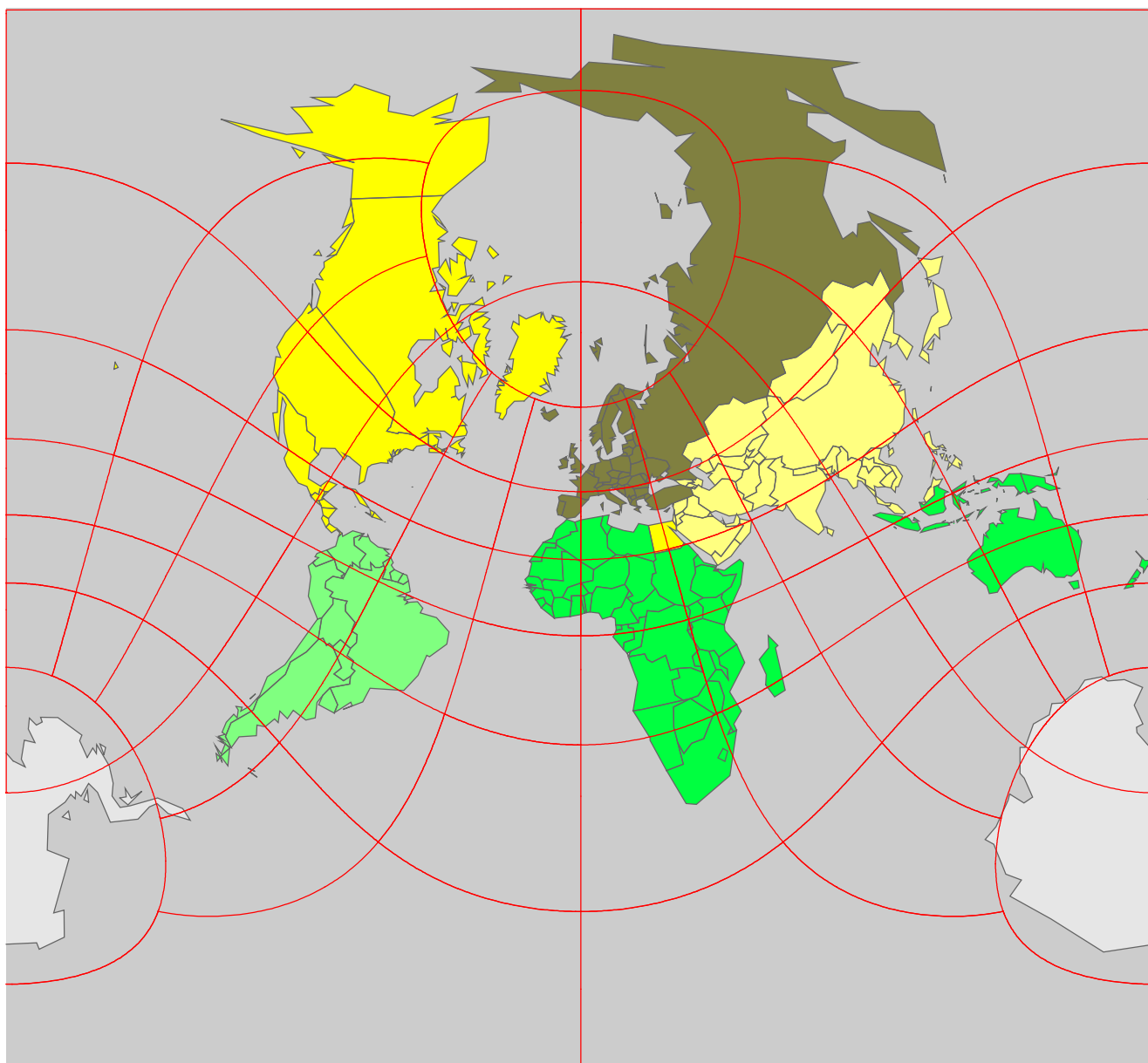
1. {5 N, 115 E} 2. {14 N, 61 W} 3. {7 S, 39 E} 4. {39 N, 65 E}
5. {46 N, 74 W} 6. {1 S, 37 E} 7. {45 N, 76 W} 8. {17 N, 62 W}



27.

Positions of eight cities are given. Mark the points in the map.

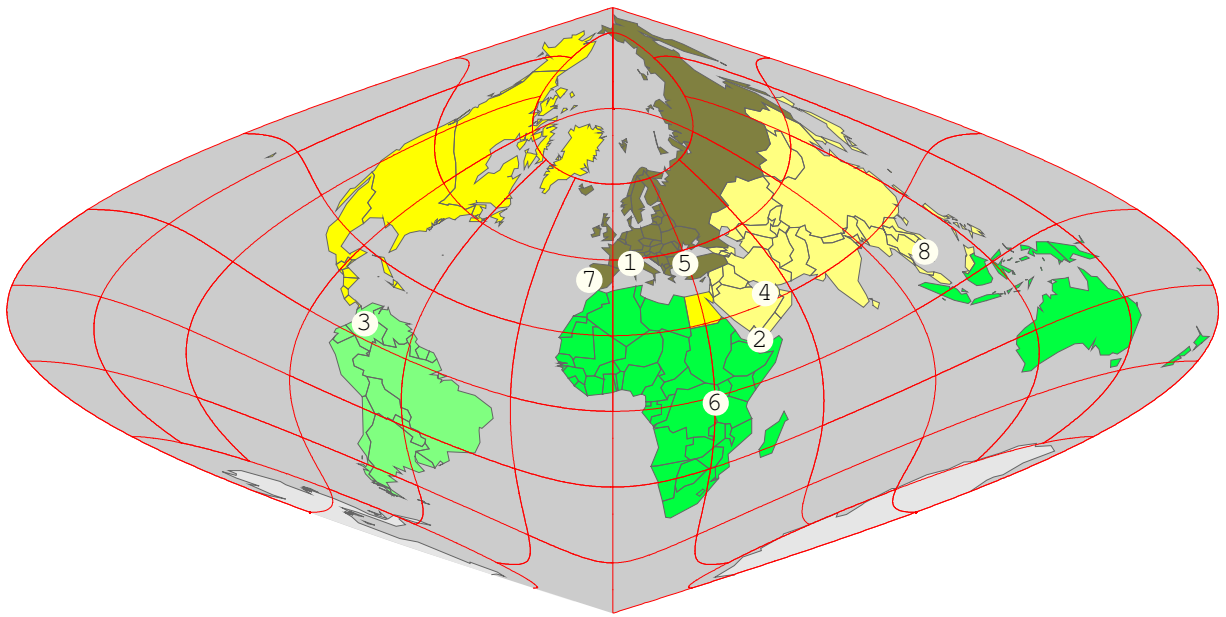
1. {40 N, 50 E} 2. {5 N, 115 E} 3. {45 N, 20 E} 4. {29 N, 48 E}
5. {35 N, 136 E} 6. {60 N, 11 E} 7. {42 N, 12 E} 8. {21 S, 56 E}



Solutions

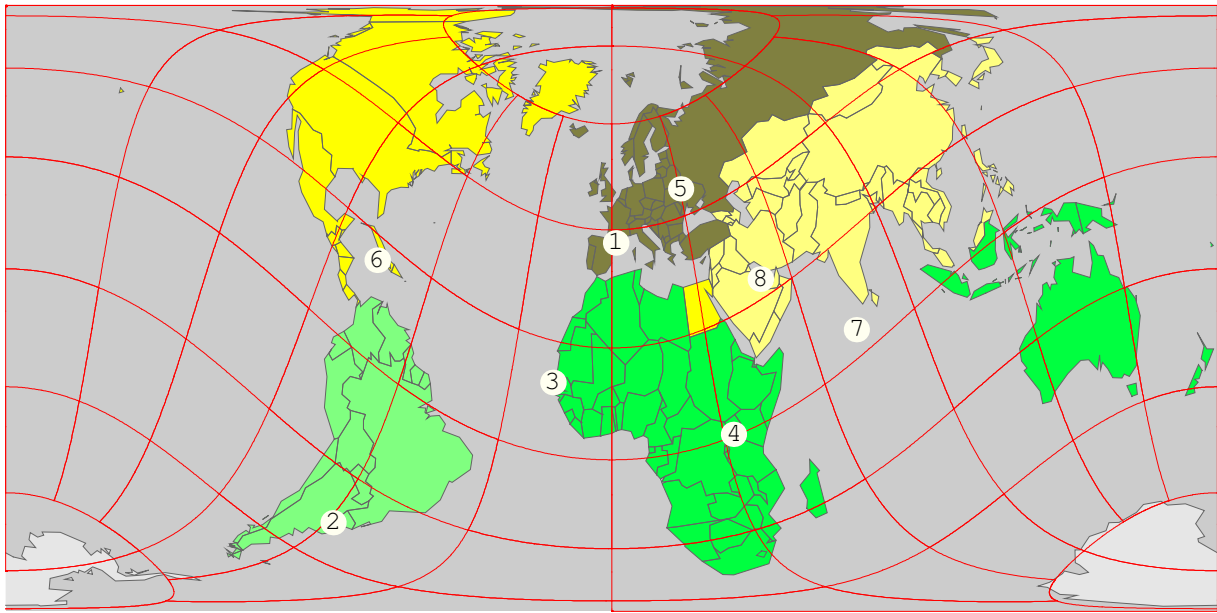
1.

, {28, 59}}}, {{Kigali, Rwanda}, {{-1, -59}, {30, 4}}}, {{Lisbon, Portugal}, {{38, 44}, {-9, -8}}}, {



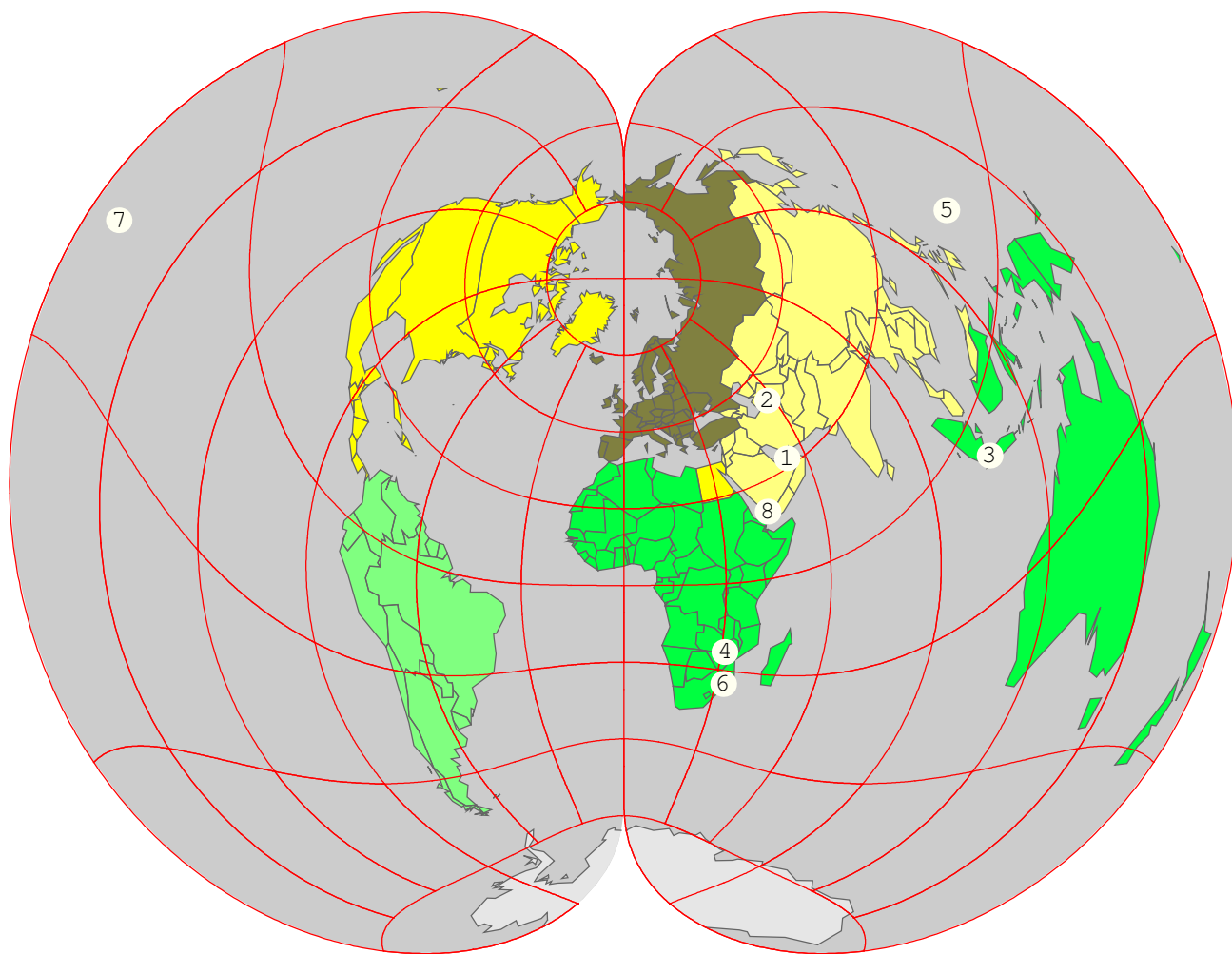
2.

1. Andorre-la-Vella
2. Buenos Aires
3. Dakar
4. Kampala
5. Kiev
6. Kingston
7. Male
8. Manama



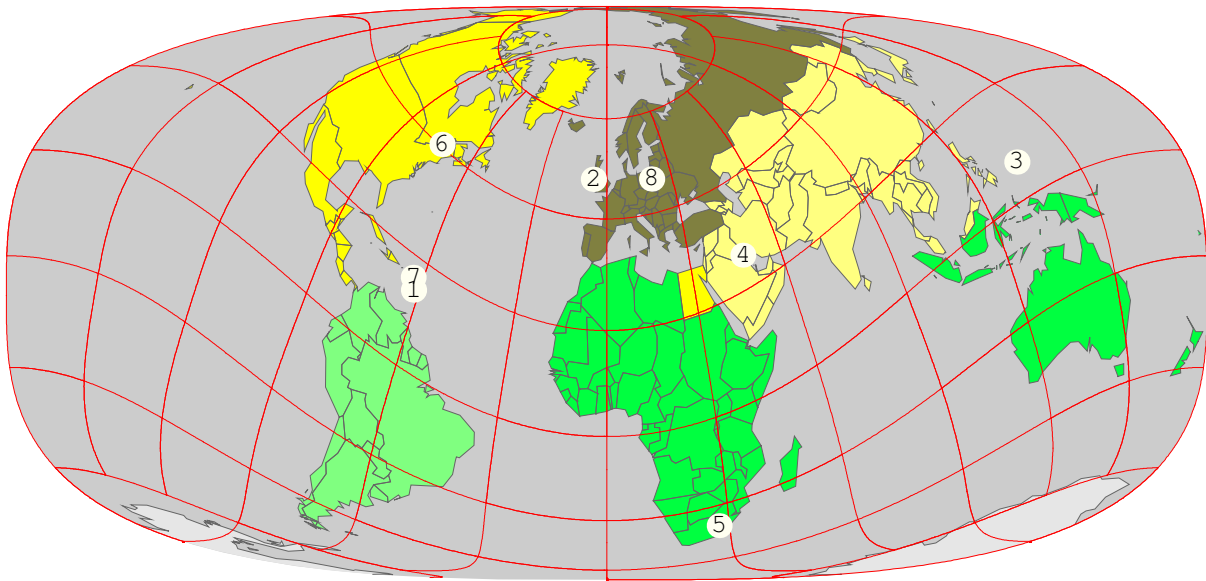
3.

1. Abu Dhabi
2. Ashkhabad
3. Djakarta
4. Harare
5. Koror
6. Maputo
7. Pago Pago
8. Sana



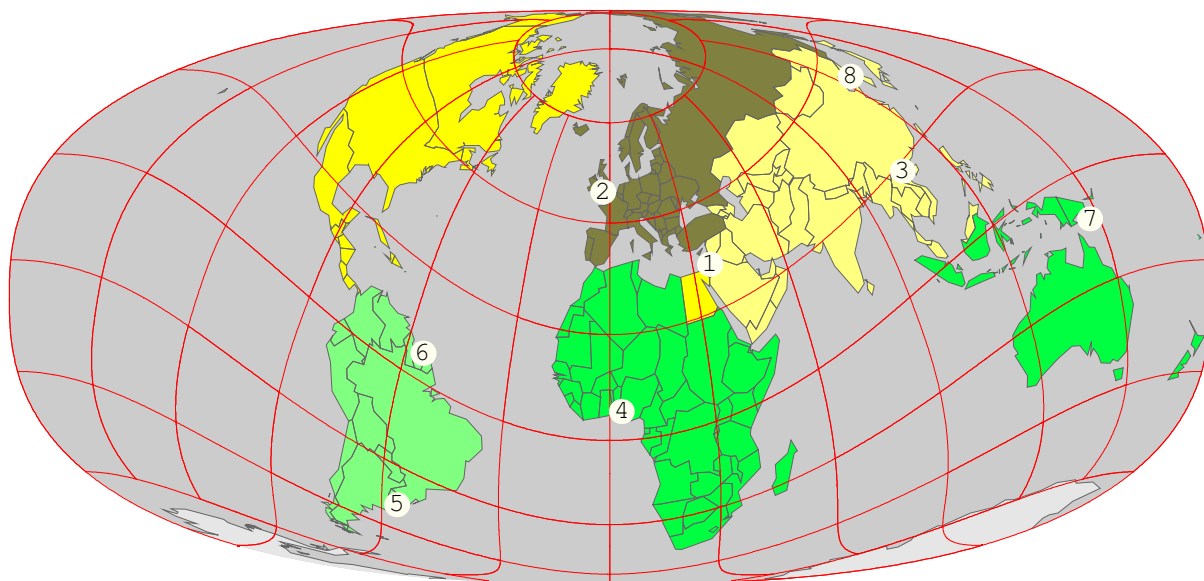
4.

1. Basse-Terre
2. Dublin
3. Koror
4. Kuwait City
5. Maseru
6. Montreal
7. The Valley
8. Warsaw



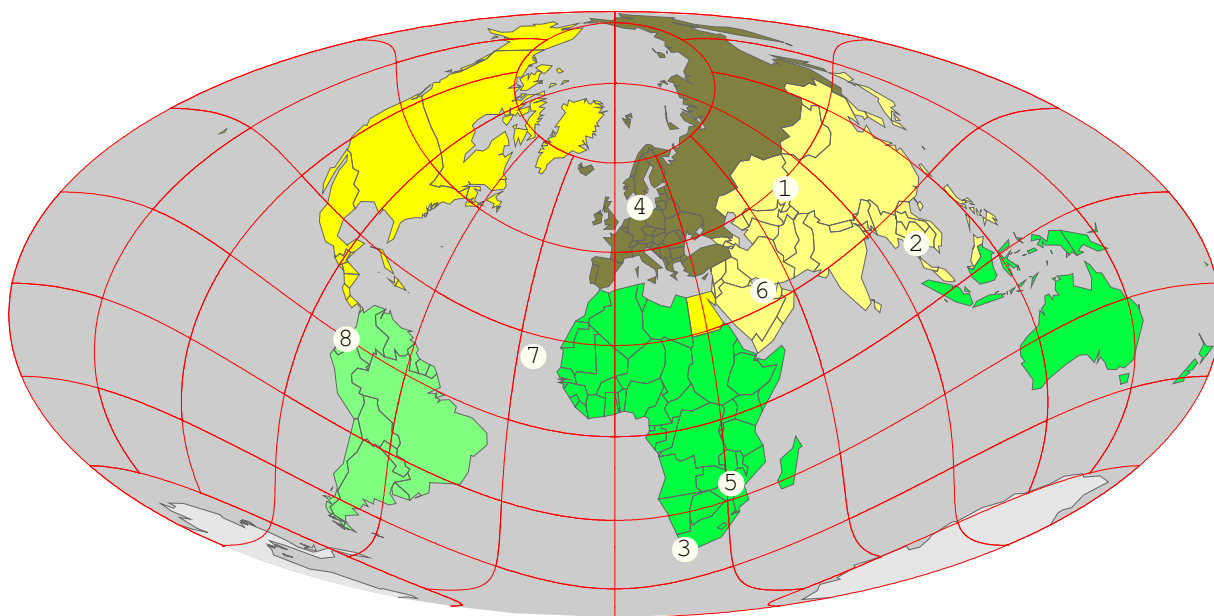
5.

1. Amman
2. Cardiff
3. Hanoi
4. Lagos
5. Montevideo
6. Paramaribo
7. Port Moresby
8. Pyongyang



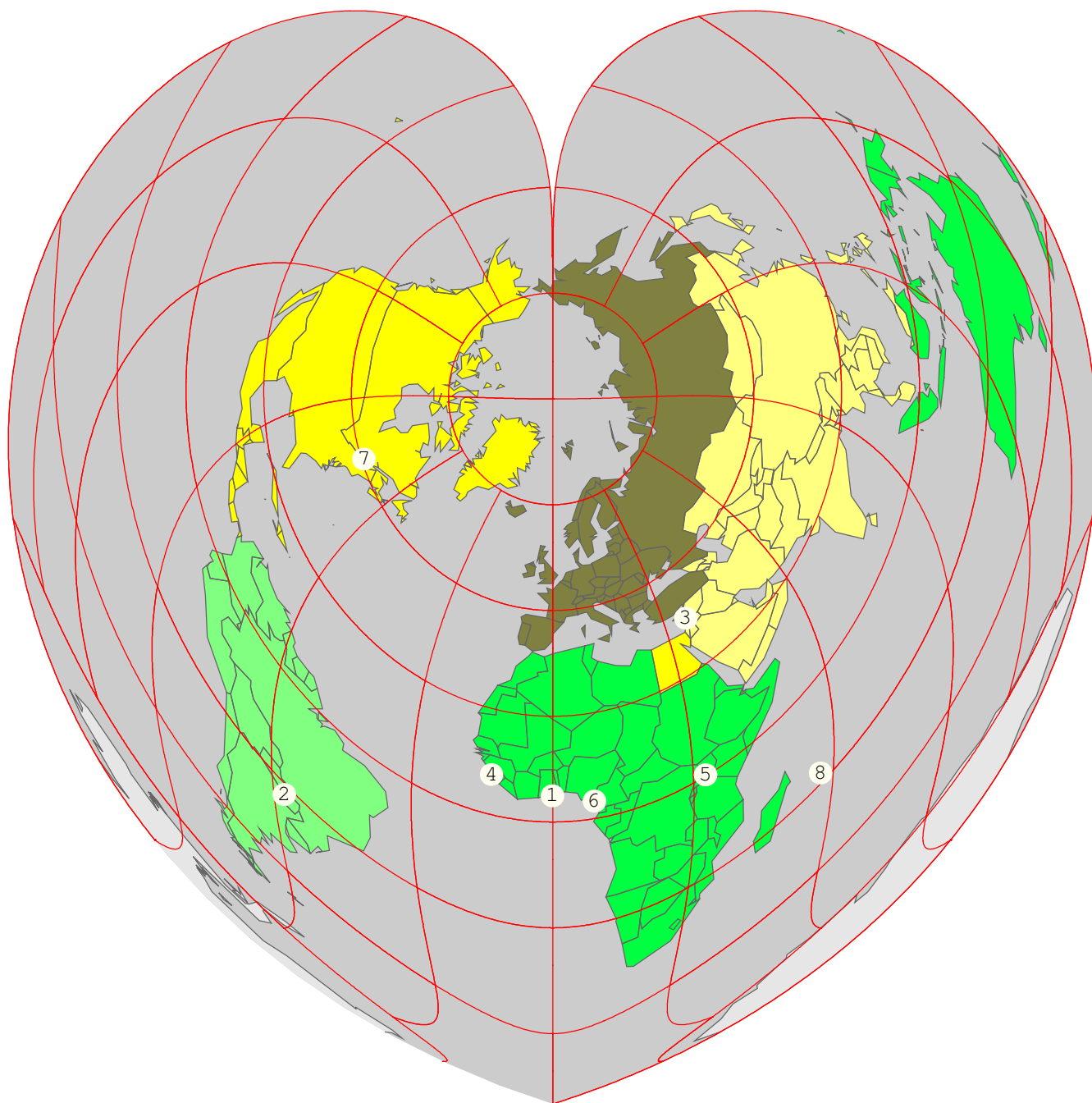
6.

1. Alma Alta
2. Bangkok
3. Cape Town
4. Copenhagen
5. Harare
6. Manama
7. Praia
8. Quito



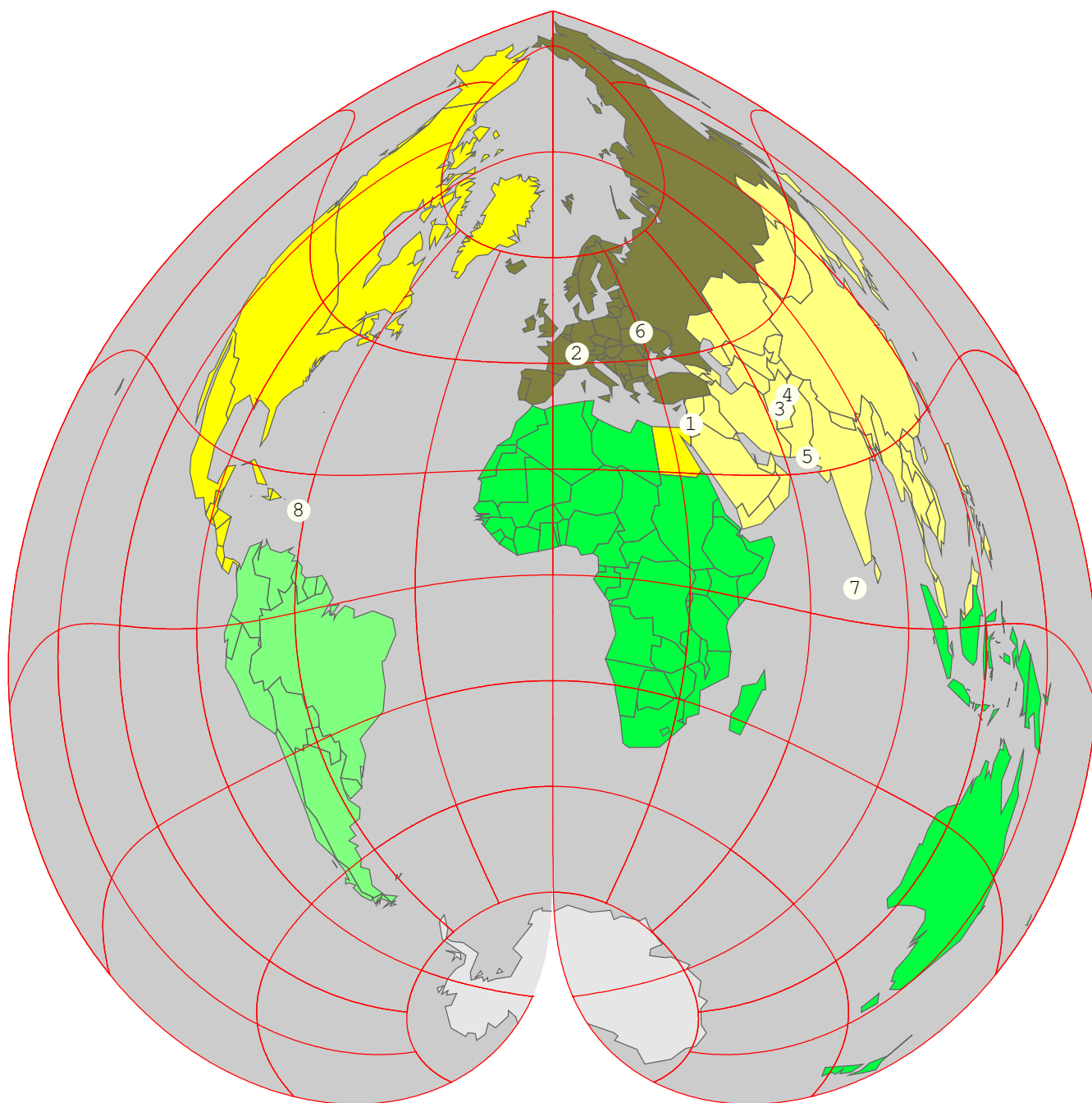
7.

1. Accra 2. Asuncion 3. Beirut 4. Freetown
5. Kampala 6. Malabo 7. Montreal 8. Port Louis



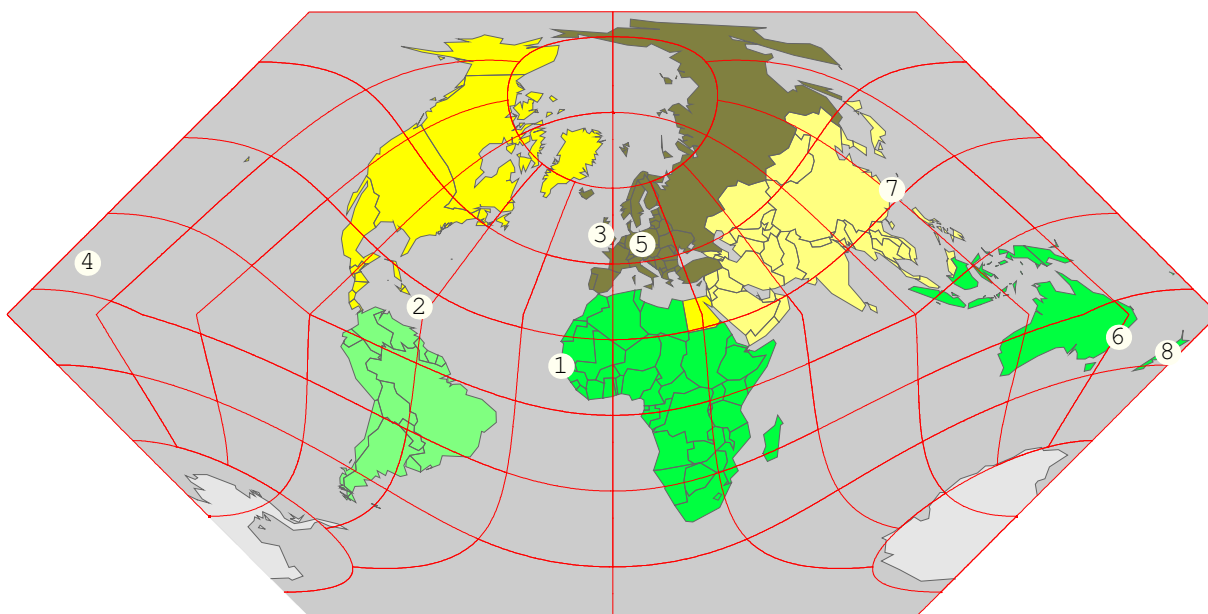
8.

1. Amman 2. Bern 3. Hamilton 4. Kabul
5. Karachi 6. Kiev 7. Male 8. Plymouth



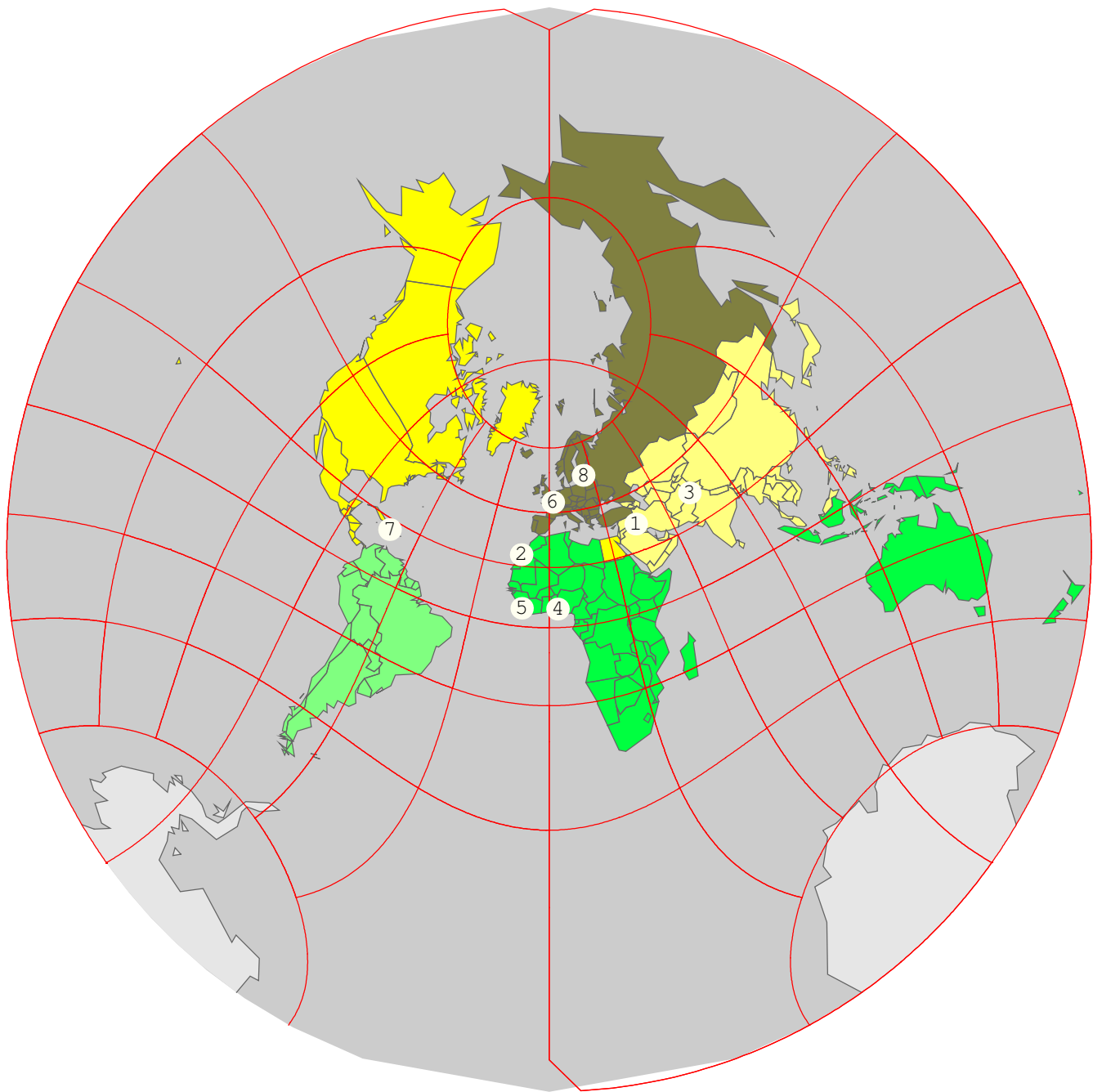
9.

1. Banjul 2. Basseterre 3. Dublin 4. Pago Pago
5. Prague 6. Sydney 7. Taipei 8. Wellington



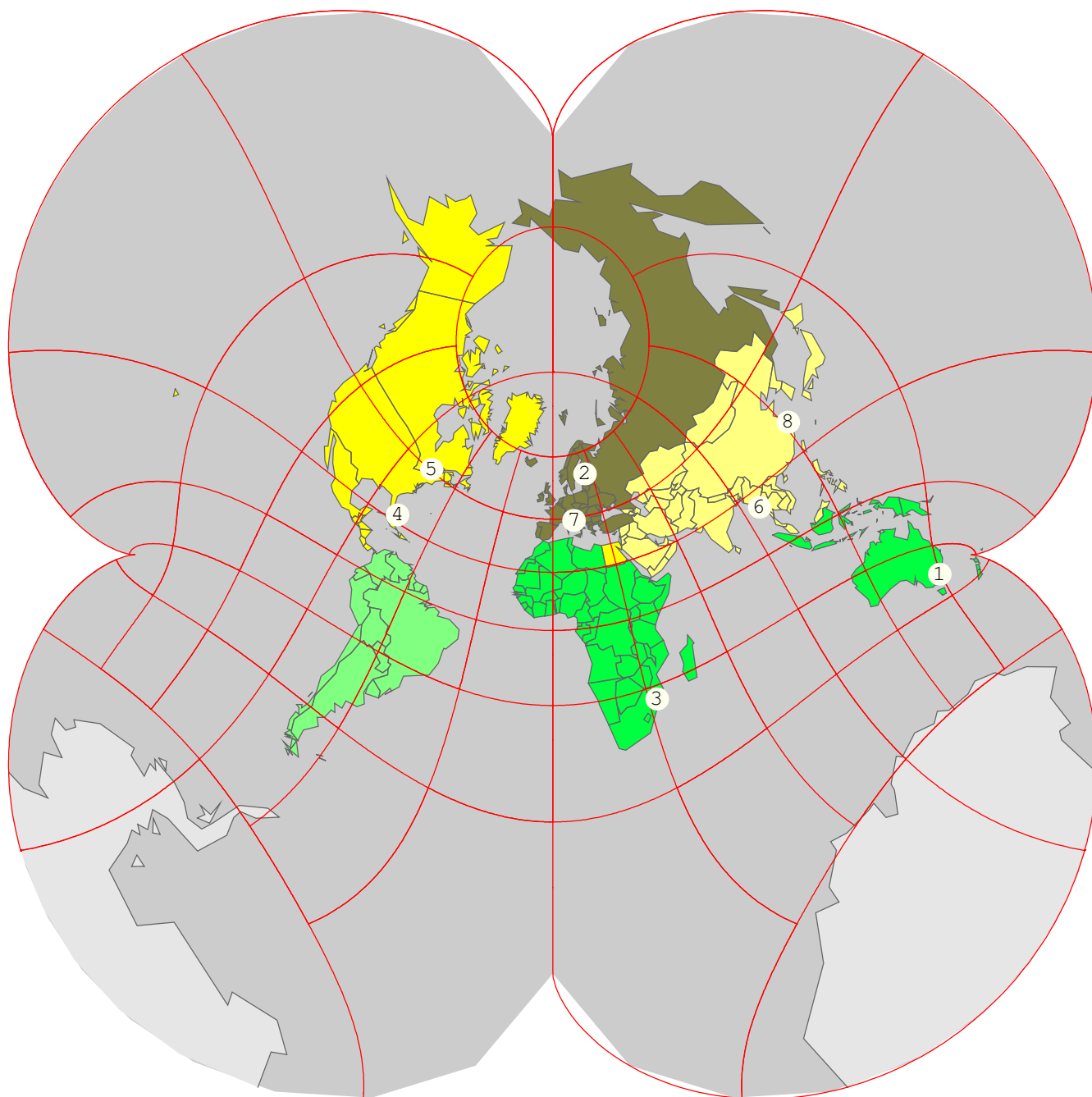
10.

1. Baghdad 2. El Aaiun 3. Islamabad 4. Lagos
5. Monrovia 6. Paris 7. Port-au-Prince 8. Riga



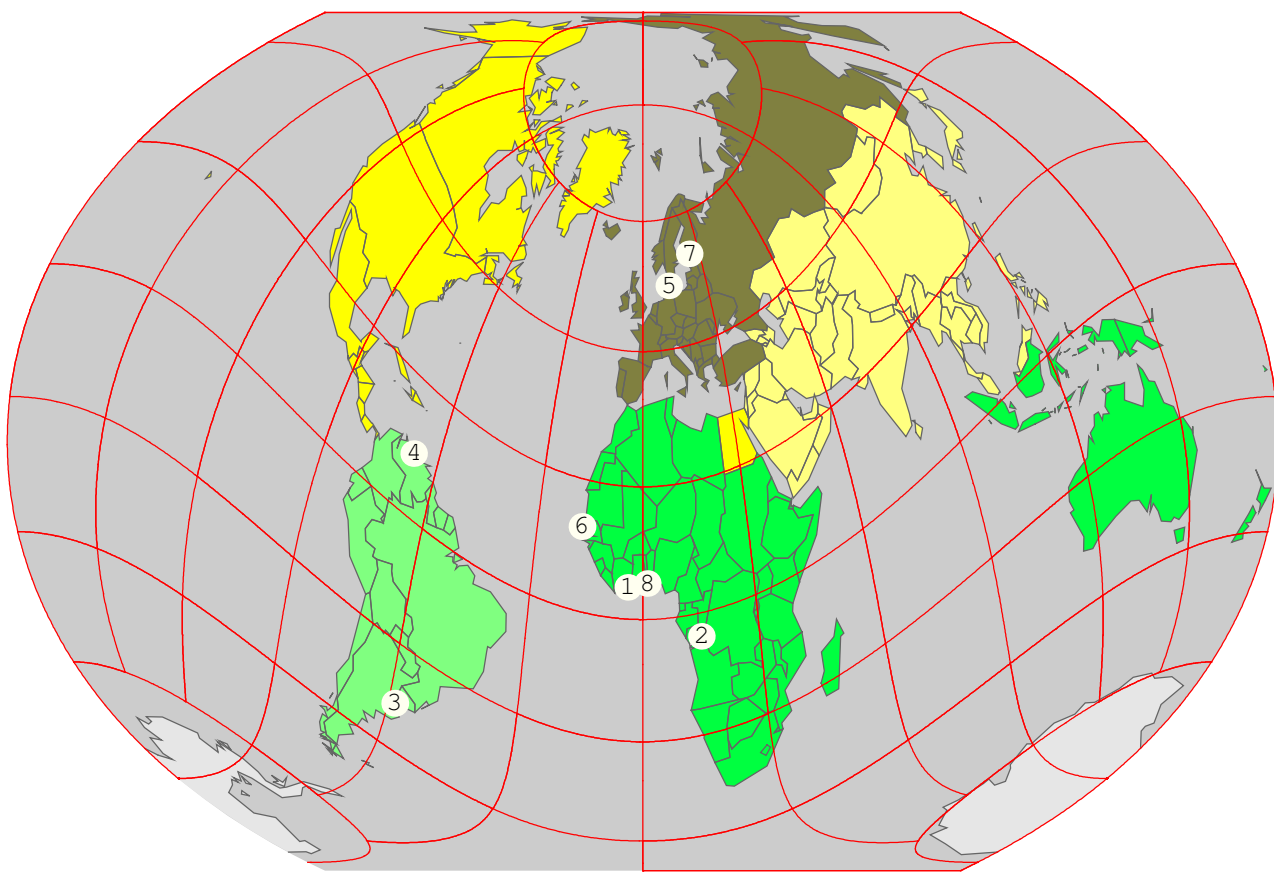
11.

1. Canberra 2. Helsinki 3. Maputo 4. Nassau 5. Ottawa 6. Rangoon 7. San Marino 8. Shanghai



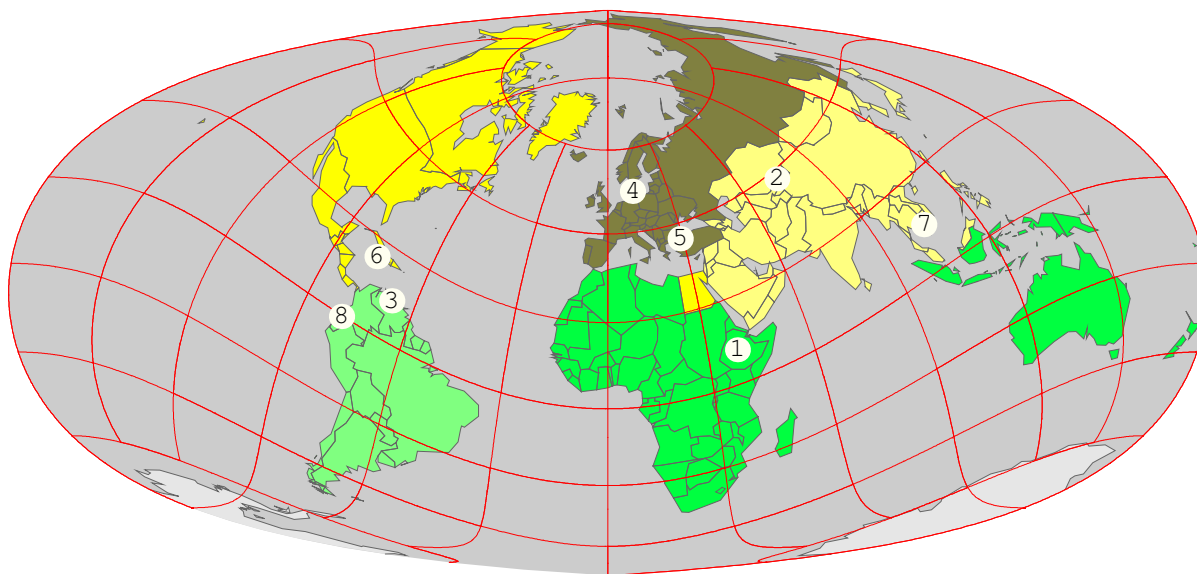
12.

1. Abidjan 2. Brazzaville 3. Buenos Aires 4. Caracas
5. Copenhagen 6. Dakar 7. Helsinki 8. Lome



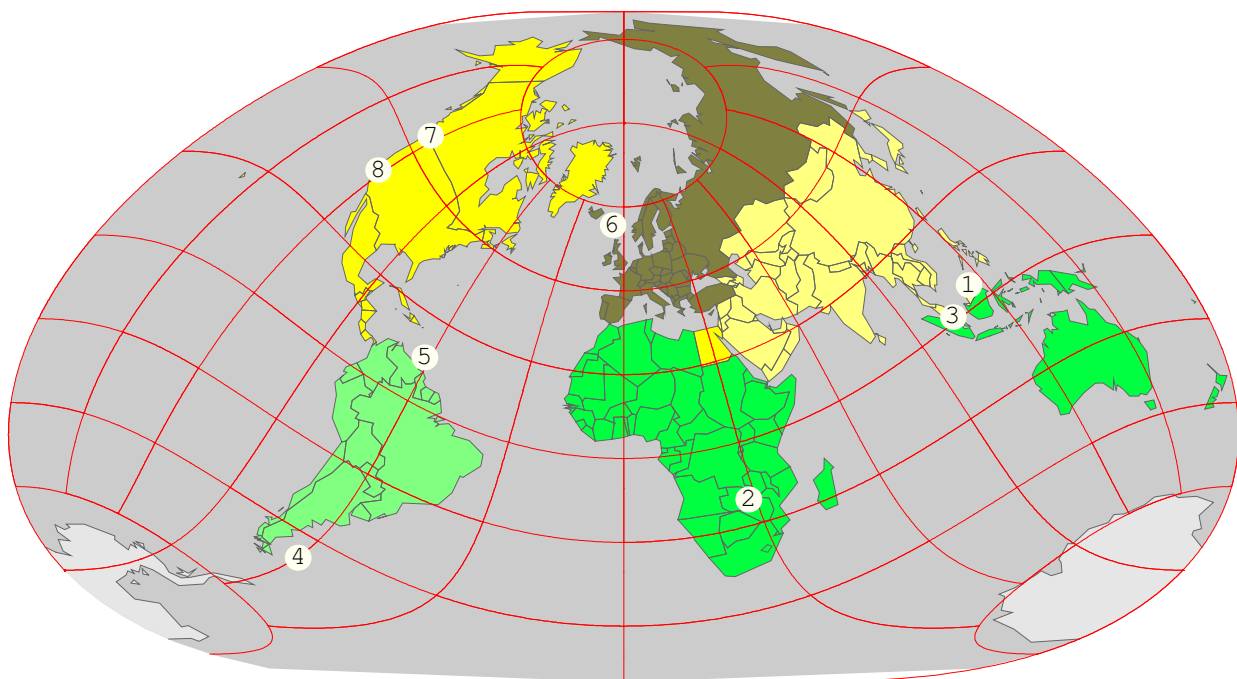
13.

1. Addis Ababa 2. Bishkek 3. Caracas 4. Copenhagen
5. Istanbul 6. Kingston 7. Phnom Penh 8. Quito



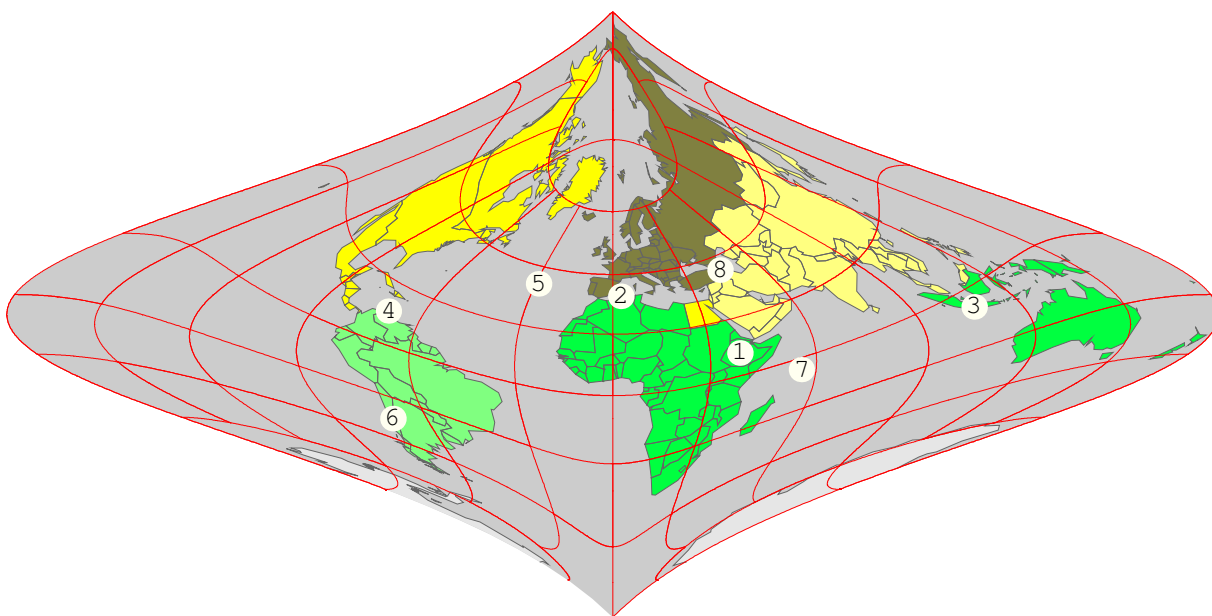
14.

1. Bandar Seri Begawan 2. Lusaka 3. Singapore 4. Stanley
5. St. George's 6. Torshavn 7. Vancouver 8. Cupertino



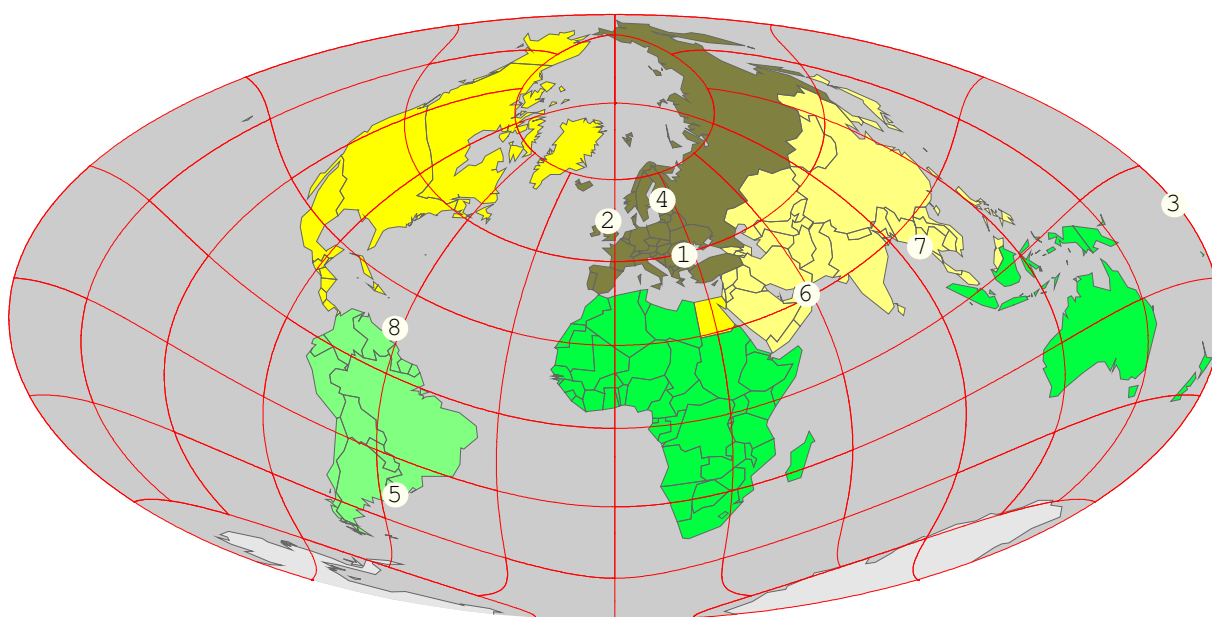
15.

1. Addis Ababa 2. Algiers 3. Djakarta 4. Oranjestad
5. Ponta Delgada 6. Santiago 7. Victoria 8. Yerevan



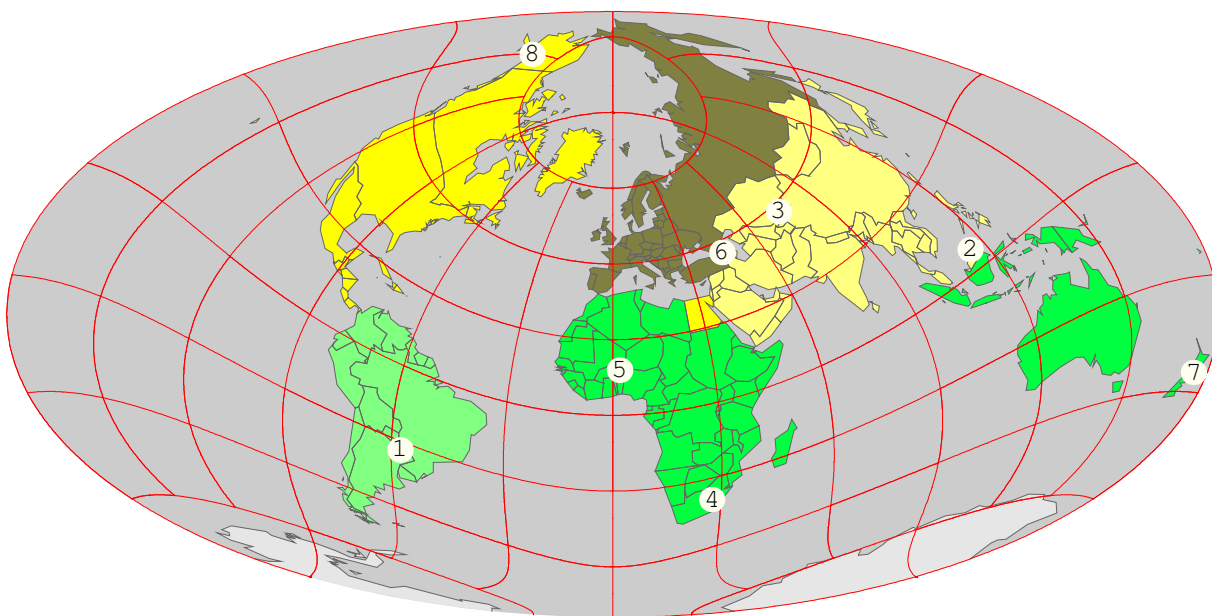
16.

1. Bucharest
2. Edinburgh
3. Funafuti
4. Helsinki
5. Montevideo
6. Muscat
7. Rangoon
8. St. George's



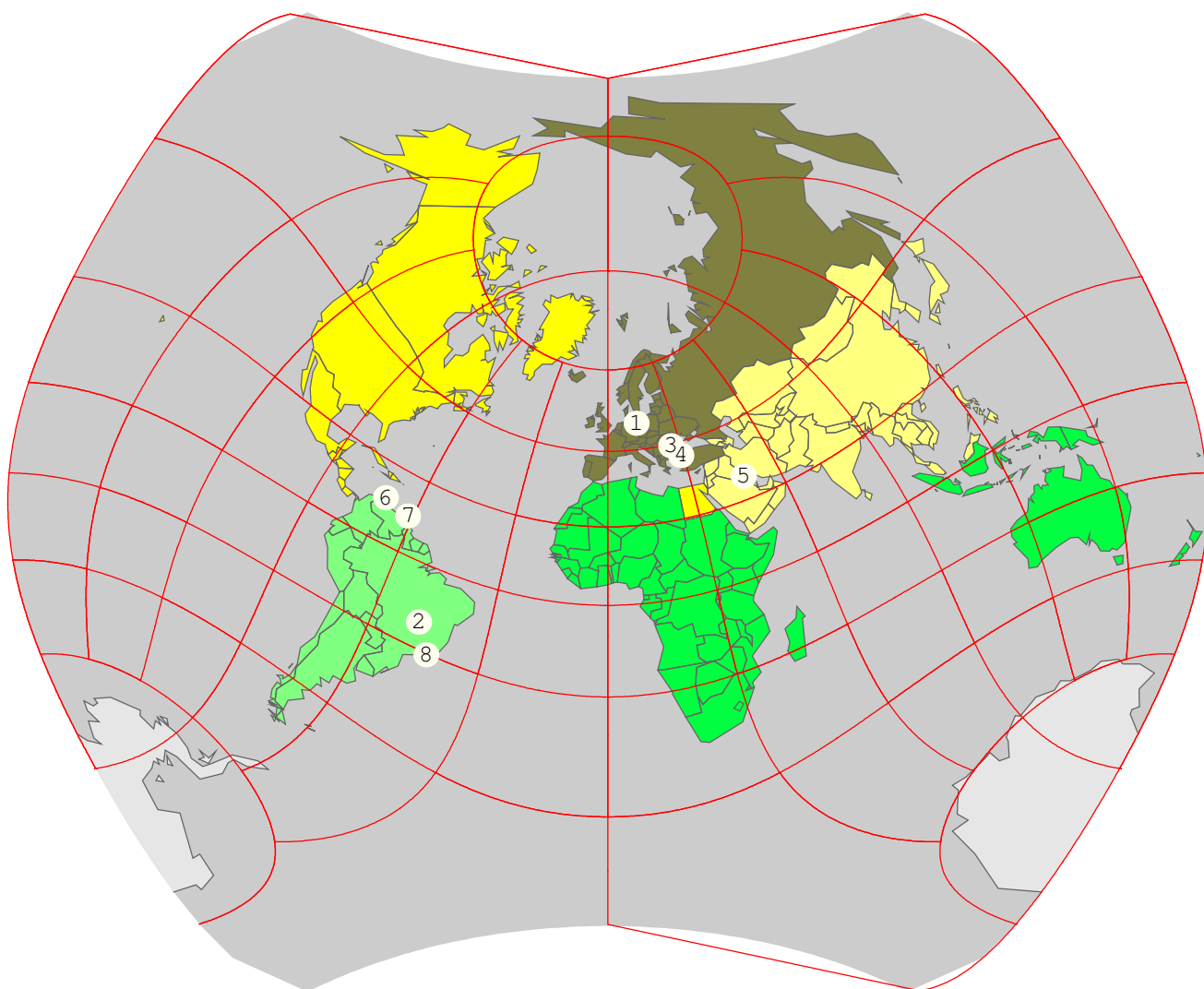
17.

1. Asuncion 2. Bandar Seri Begawan 3. Bishkek 4. Maseru
5. Niamey 6. Tblisi 7. Wellington 8. Anchorage



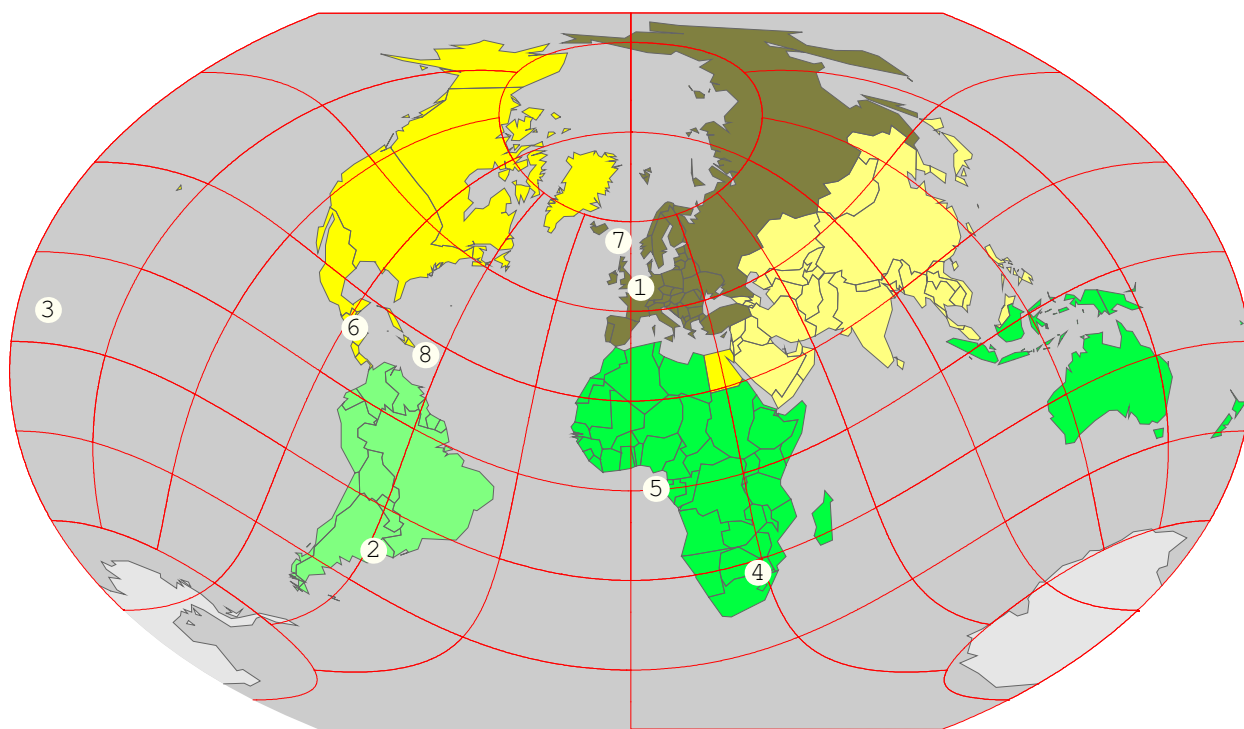
18.

1. Berlin 2. Brasilia 3. Bucharest 4. Istanbul
5. Kuwait City 6. Oranjestad 7. Port of Spain 8. Rio de Janeiro



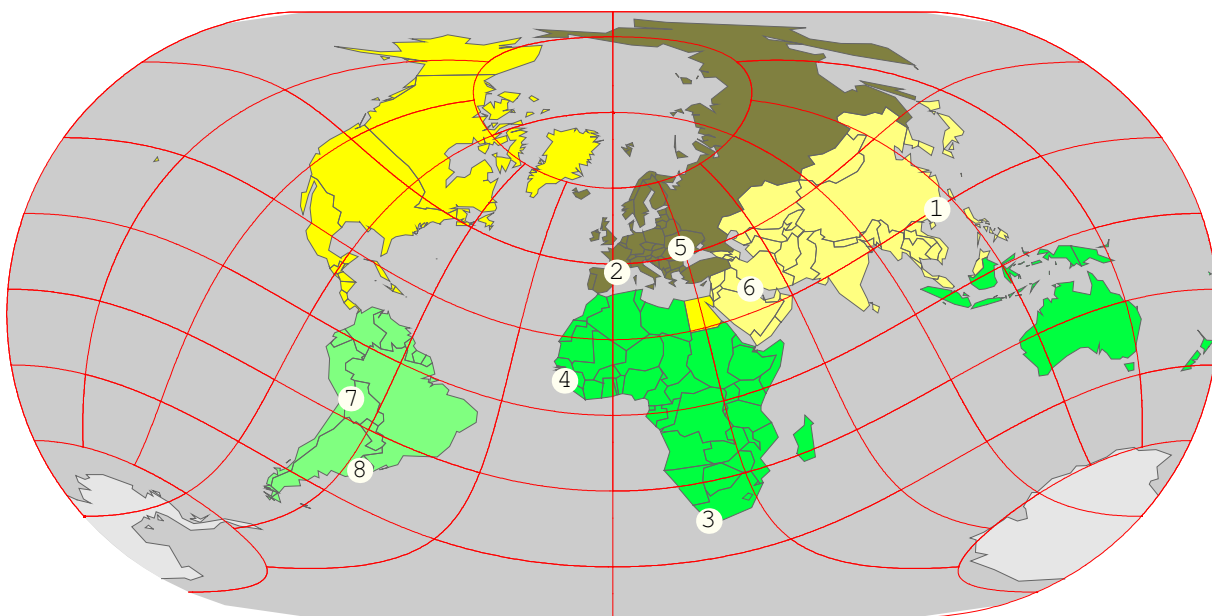
19.

1. Brussels 2. Buenos Aires 3. Pago Pago 4. Pretoria
5. Sao Tome 6. Tegucigalpa 7. Torshavn 8. Charlotte Amalie



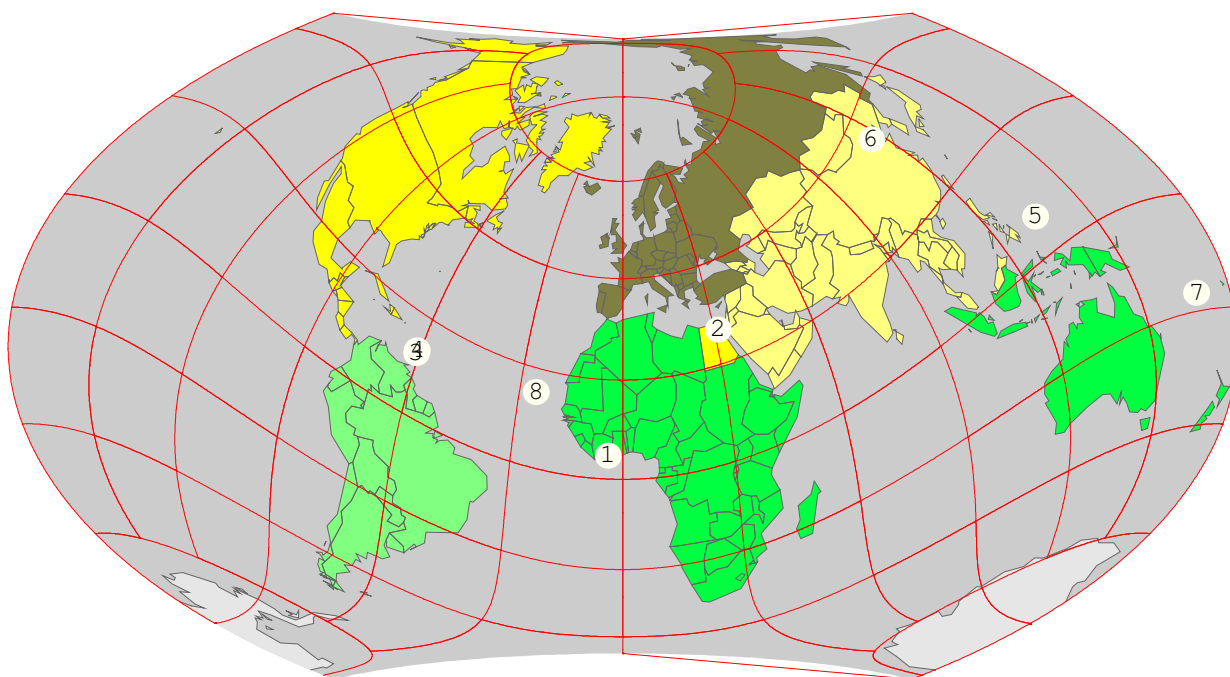
20.

, {{47, 0}, {28, 50}}, {{Kuwait City, Kuwait}, {{29, 20}, {48, 0}}}, {{La Paz, Bolivia}, {{-16, -30}}



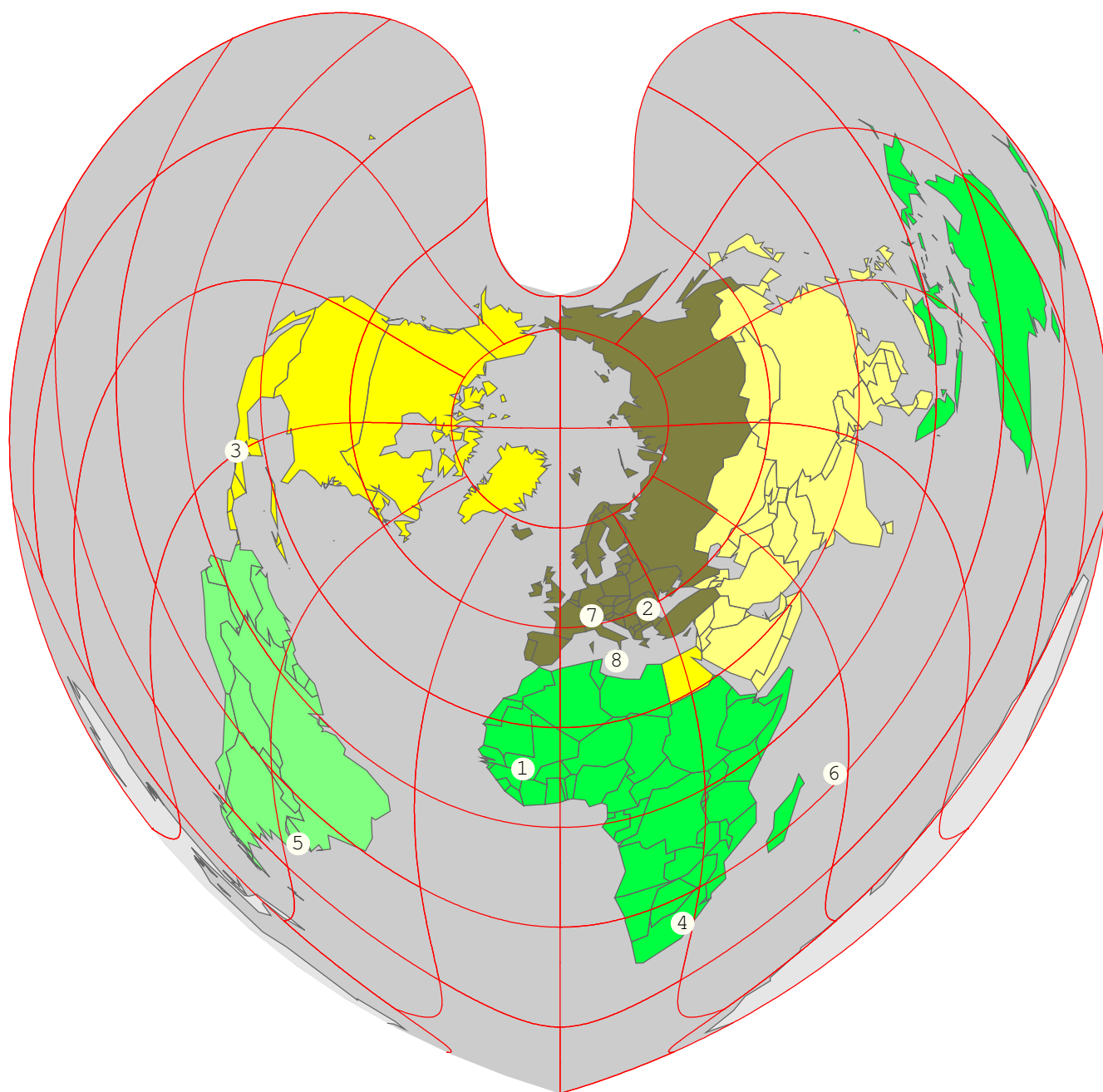
21.

1. Abidjan 2. Cairo 3. Castries 4. Fort-de-France
5. Koror 6. Peking 7. Port Vila 8. Praia



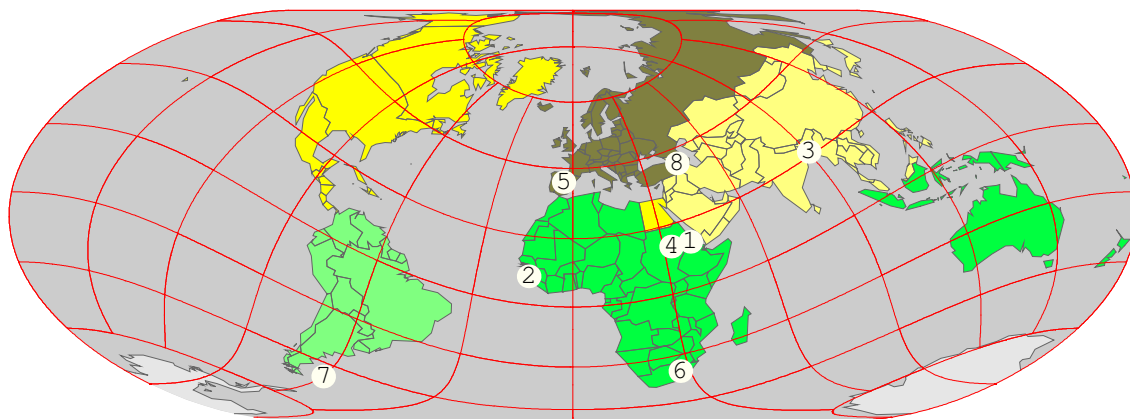
22.

1. Bamako 2. Bucharest 3. Guatemala City 4. Maseru
5. Montevideo 6. Port Louis 7. Vaduz 8. Valletta



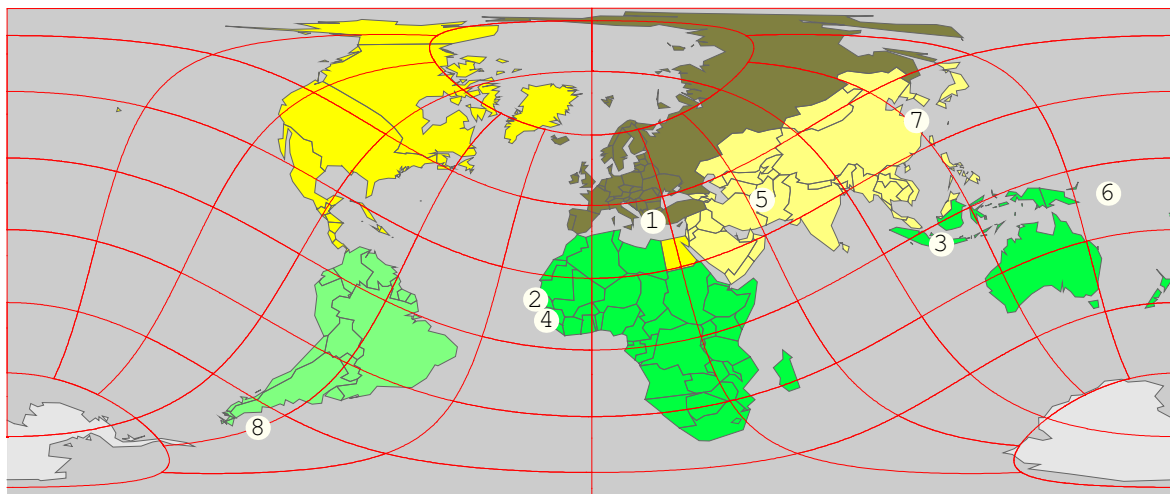
23.

1. Asmera 2. Conakry 3. Dacca 4. Khartoum
5. Madrid 6. Maseru 7. Stanley 8. Yerevan



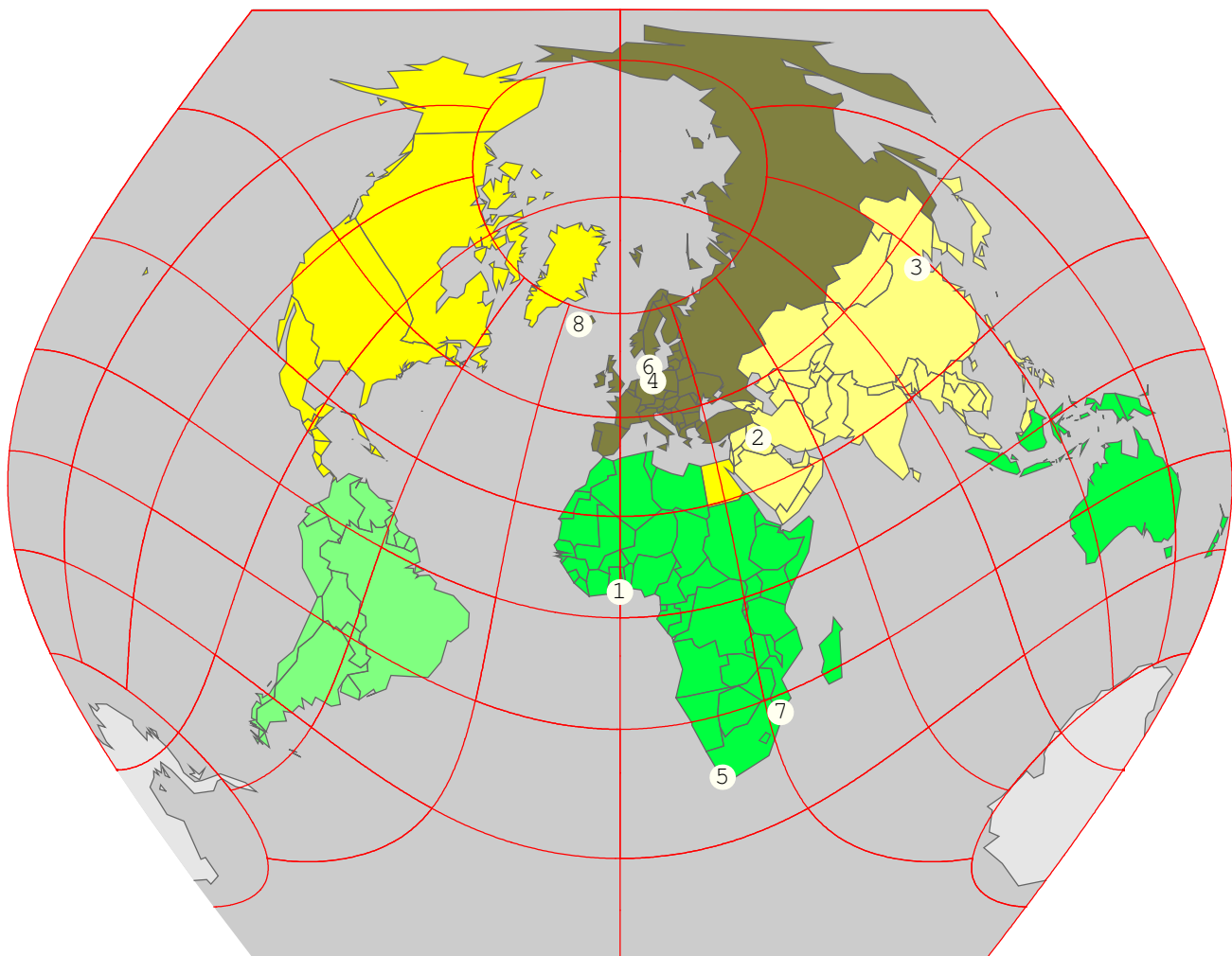
24.

1. Athens
2. Dakar
3. Djakarta
4. Freetown
5. Hamilton
6. Honiara
7. Shanghai
8. Stanley



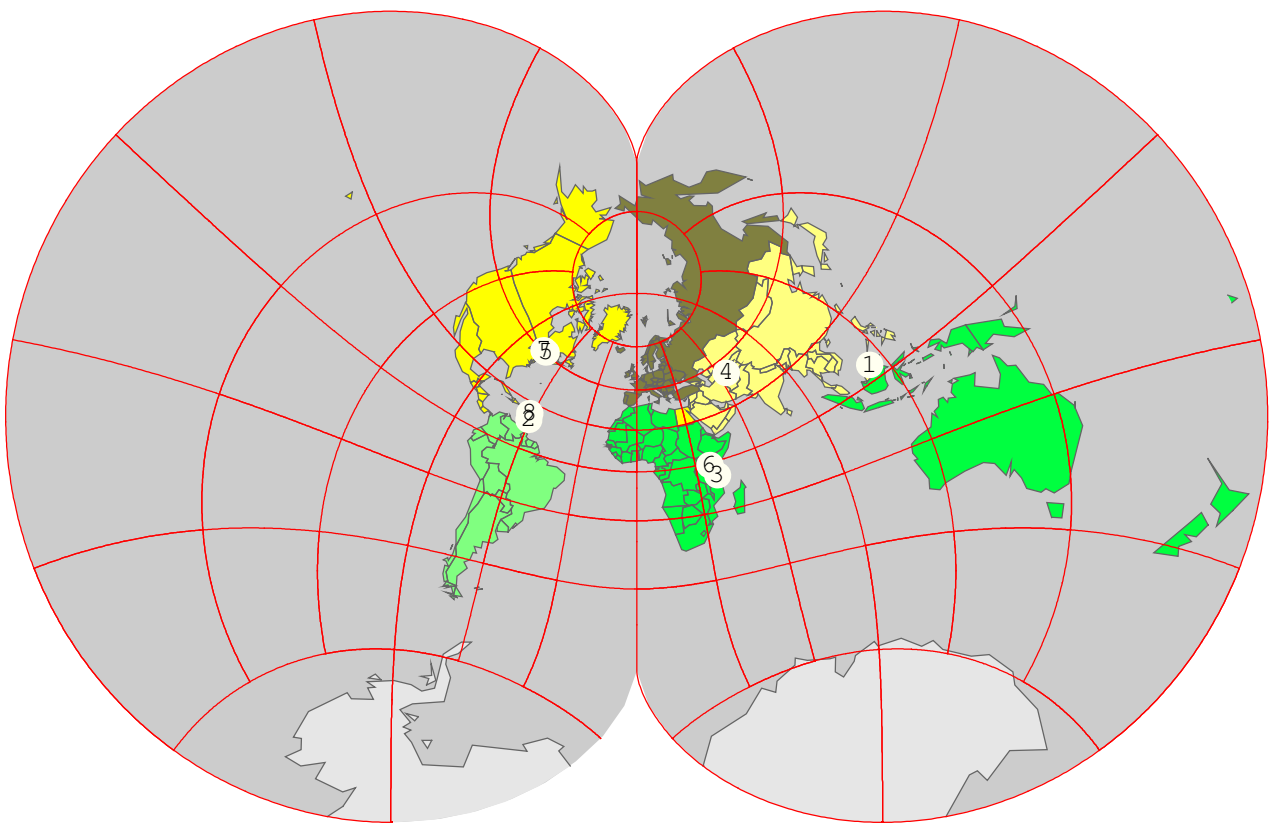
25.

1. Accra
2. Baghdad
3. Beijing
4. Berlin
5. Cape Town
6. Copenhagen
7. Maputo
8. Reykjavik



26.

1. Bandar Seri Begawan
2. Castries
3. Dar es Salaam
4. Dushanbe
5. Montreal
6. Nairobi
7. Ottawa
8. St. John's



27.

1. Baku
2. Bandar Seri Begawan
3. Belgrade
4. Kuwait City
5. Osaka
6. Oslo
7. Rome
8. St. Denis

