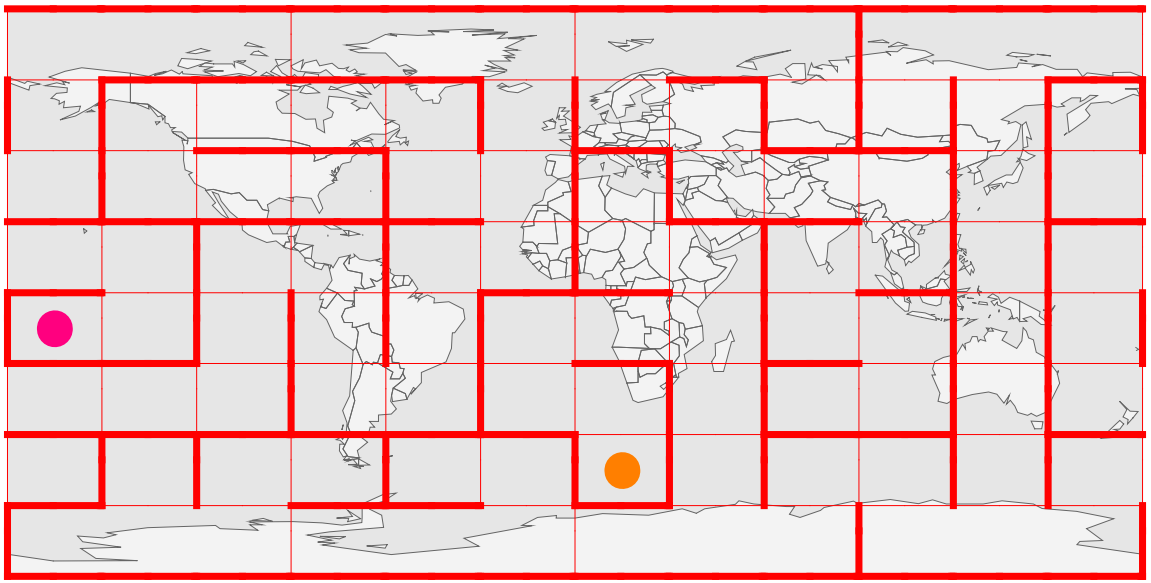
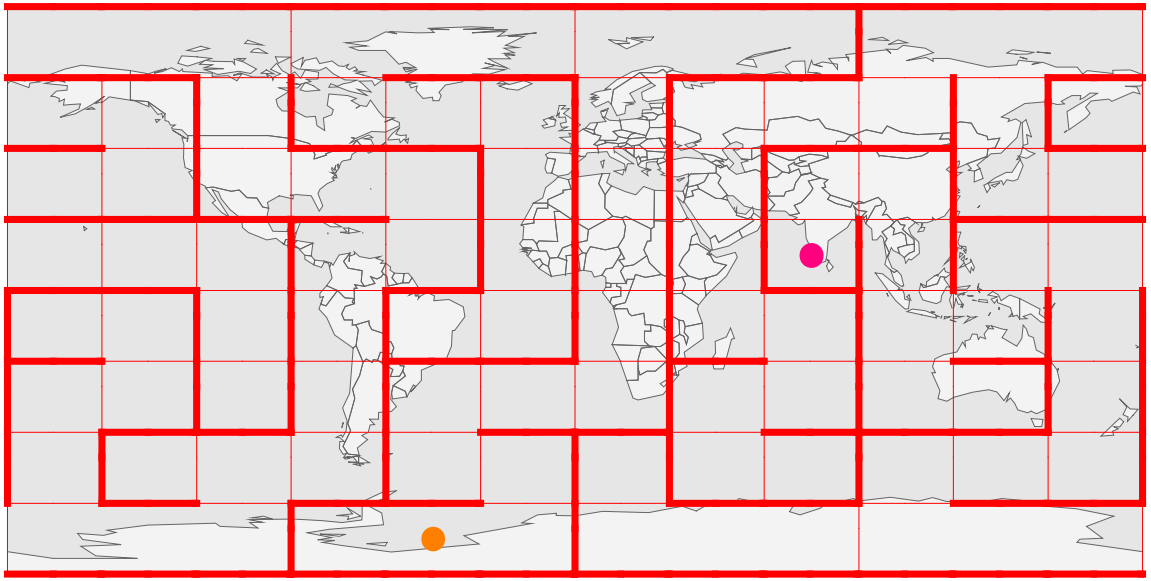
Izidor Hafner

Maps as Mazes

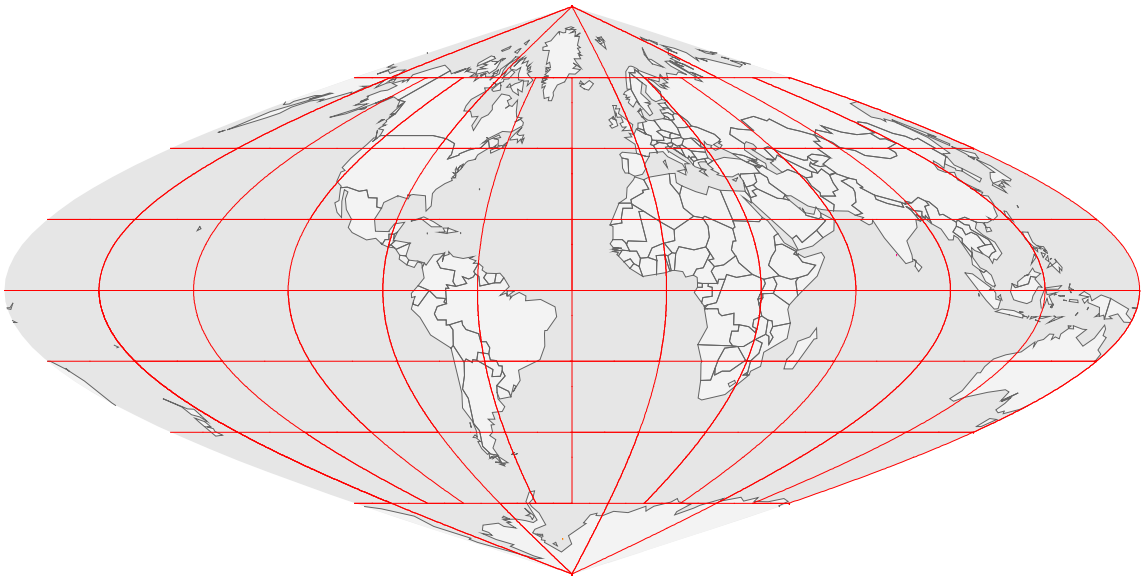


Problems

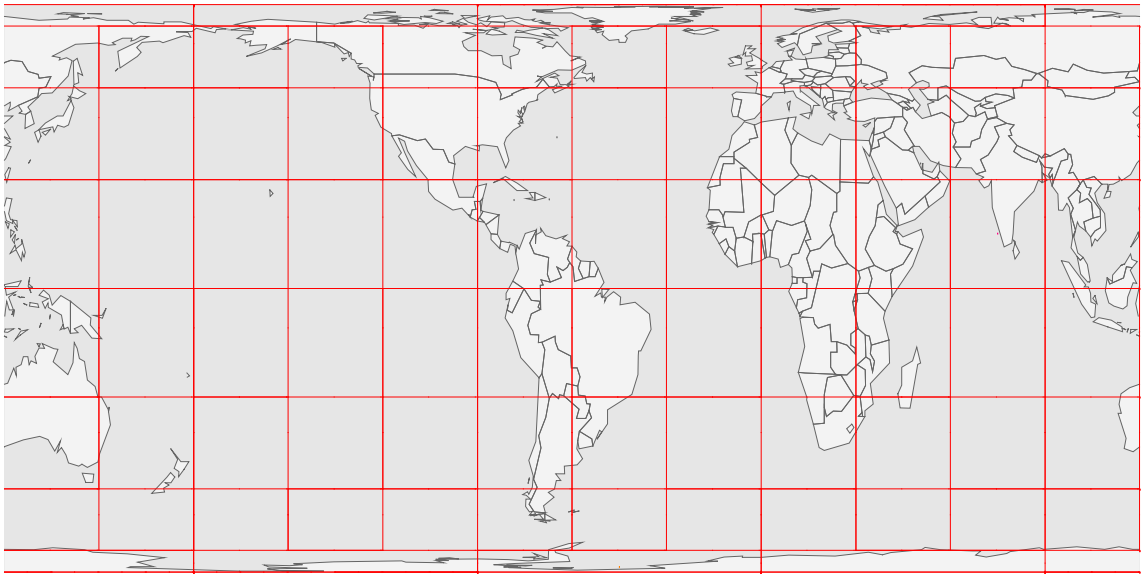
1. Join the orange and the violet point, without crossing bold lines.



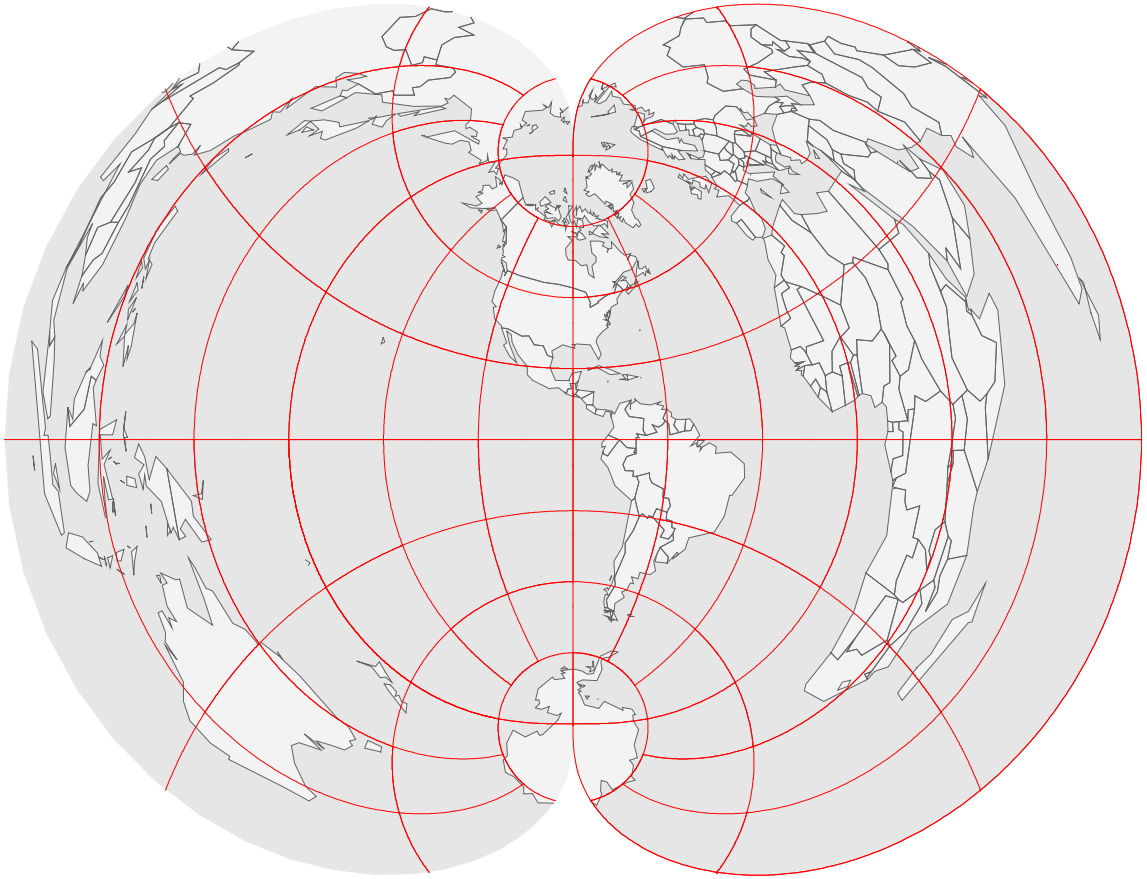
2. Copy the path from 1. in new projections 2-15.



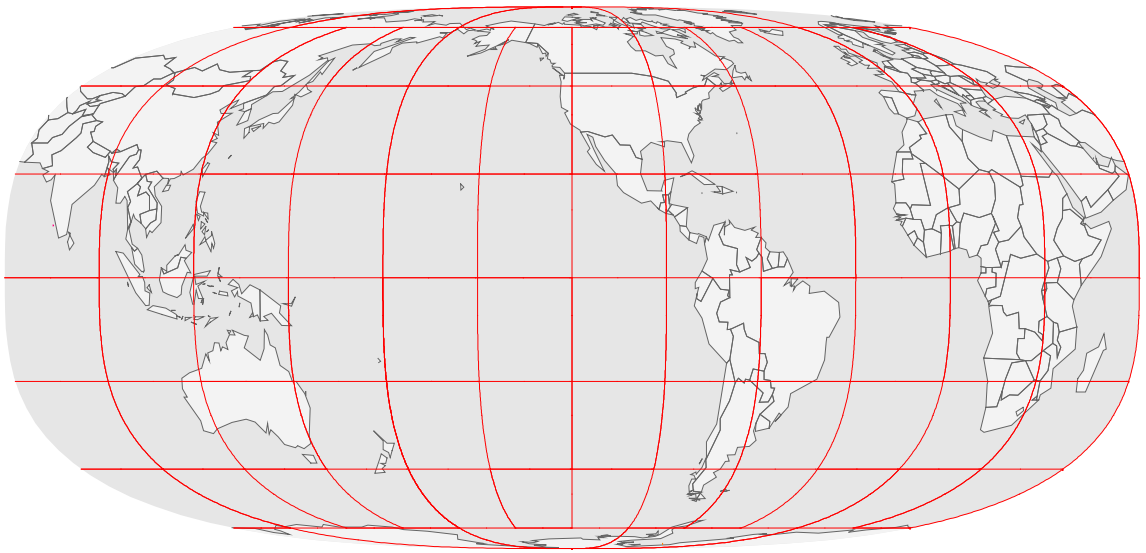
3.



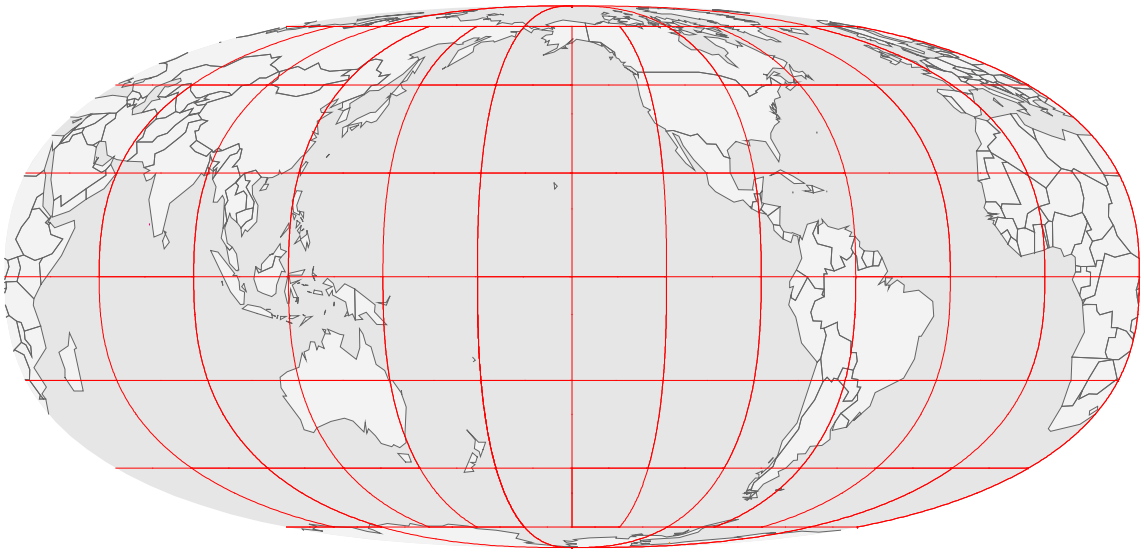
4.



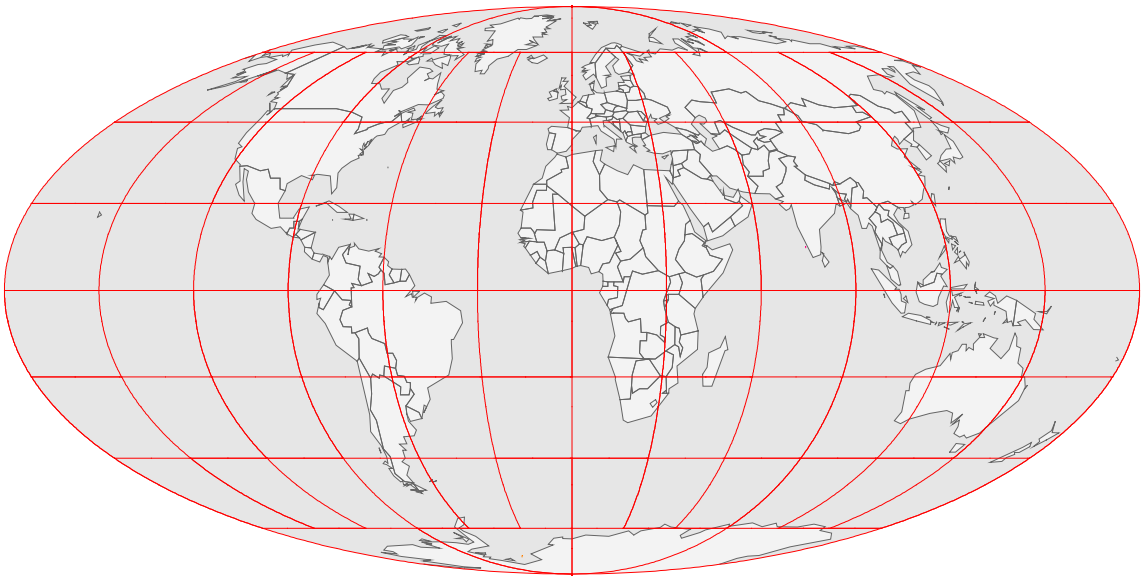
5.



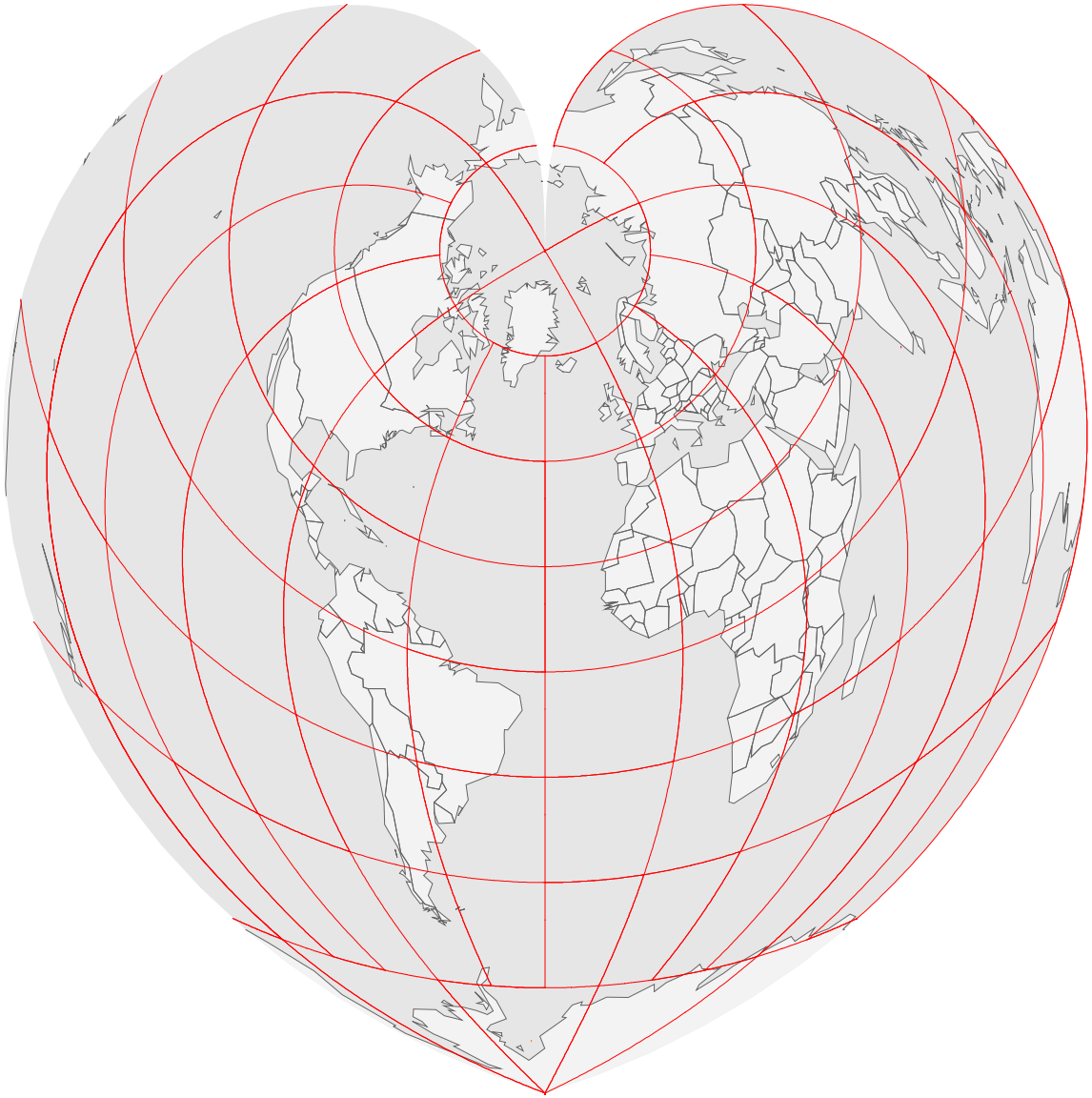
6.



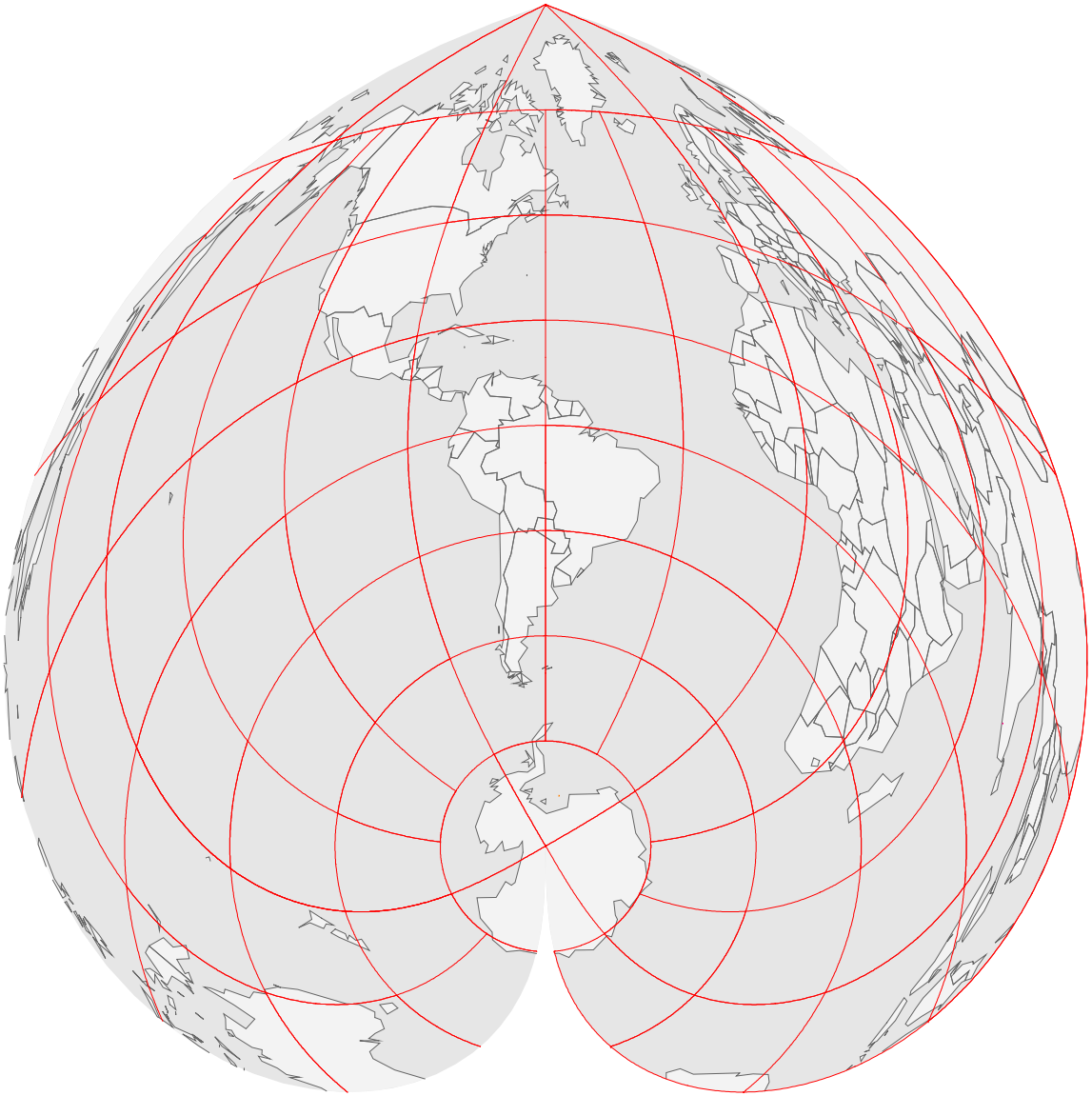
7.



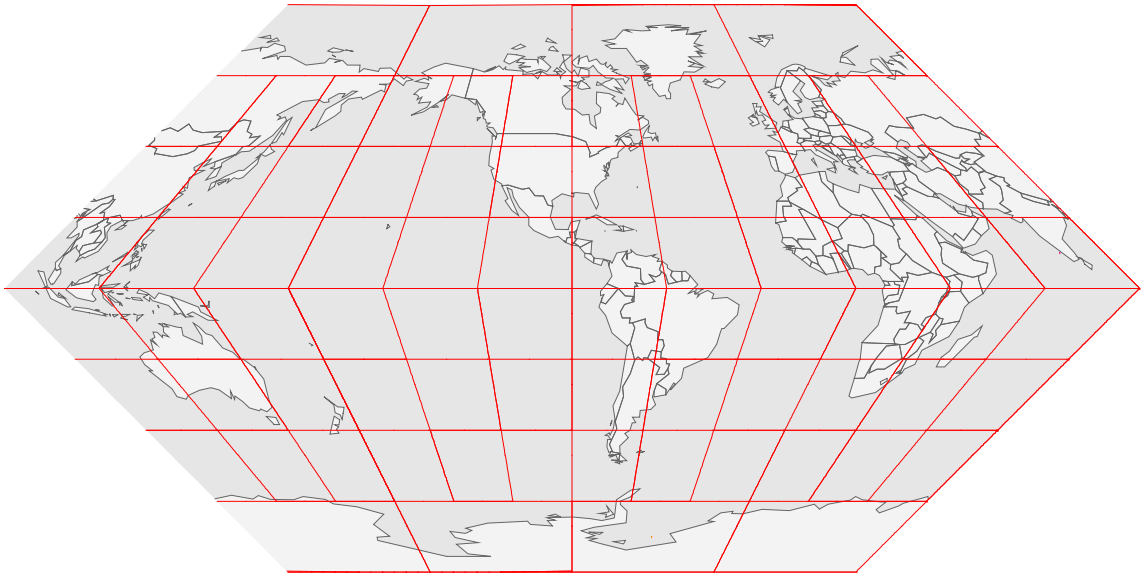
8.



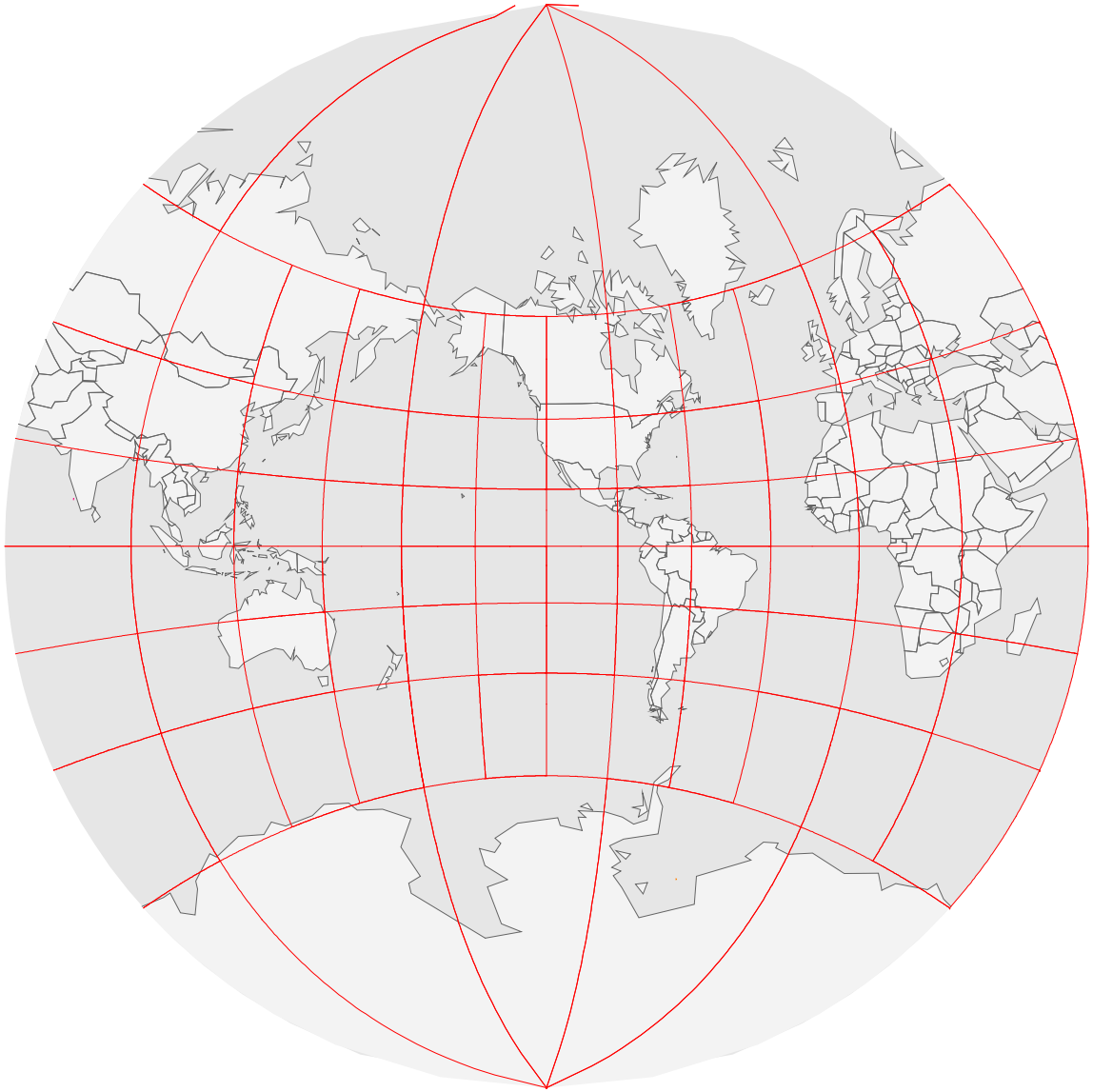
9.



10.

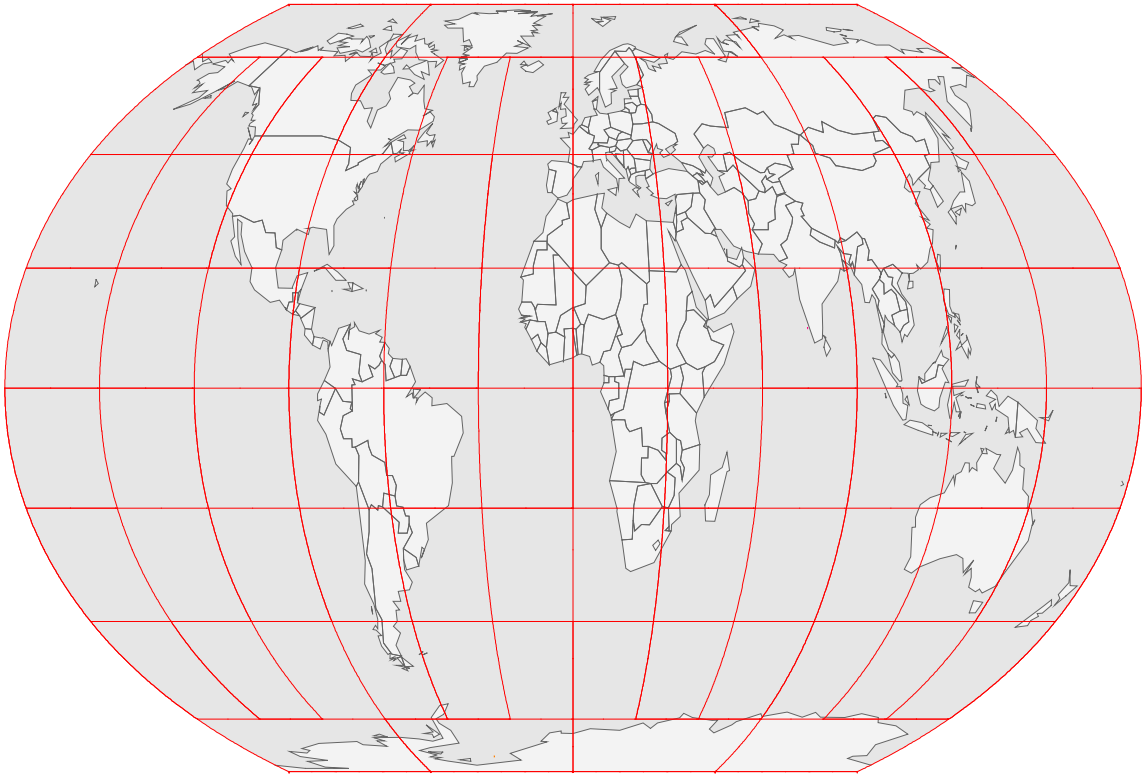


11.

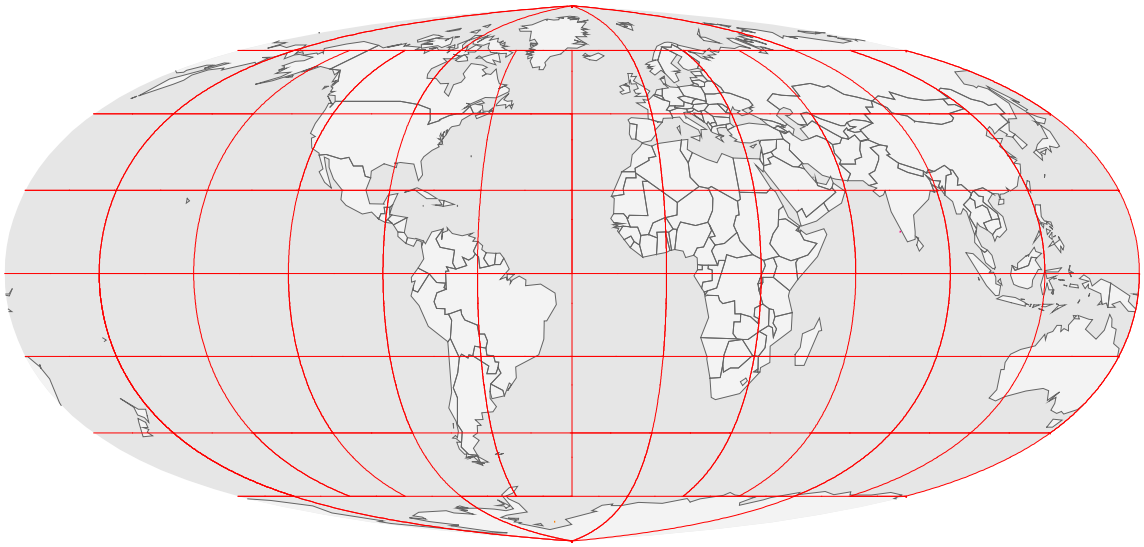


12.

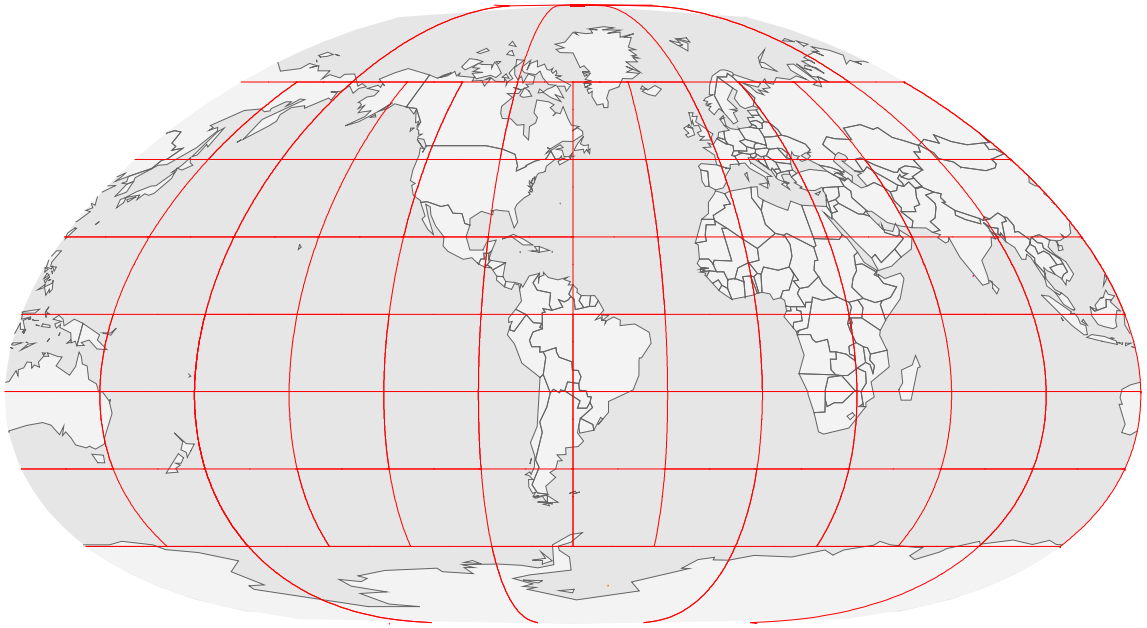
13.



14.

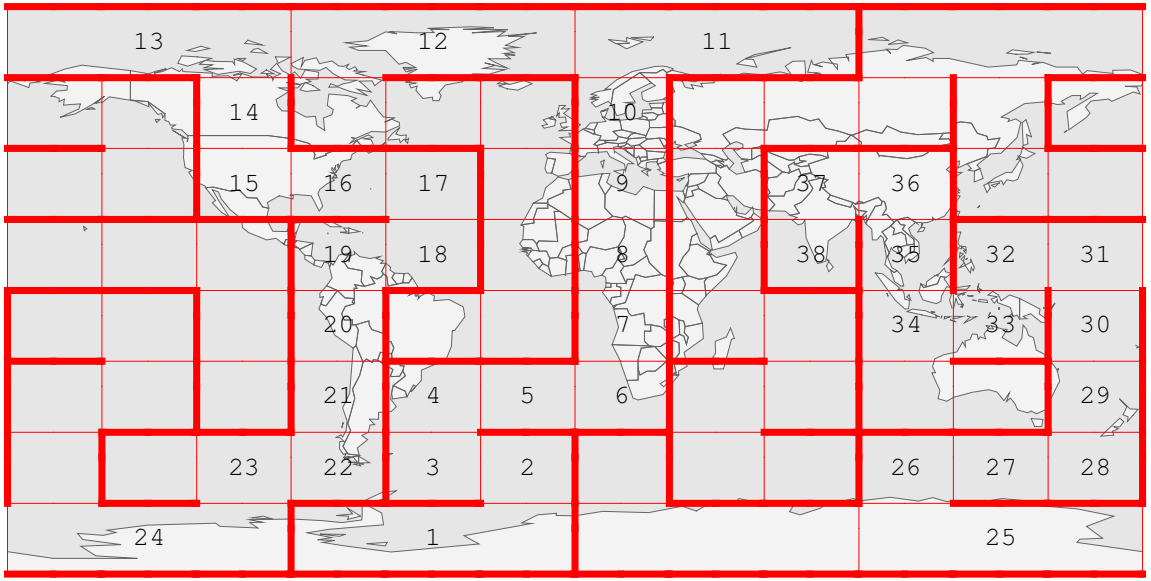


15.

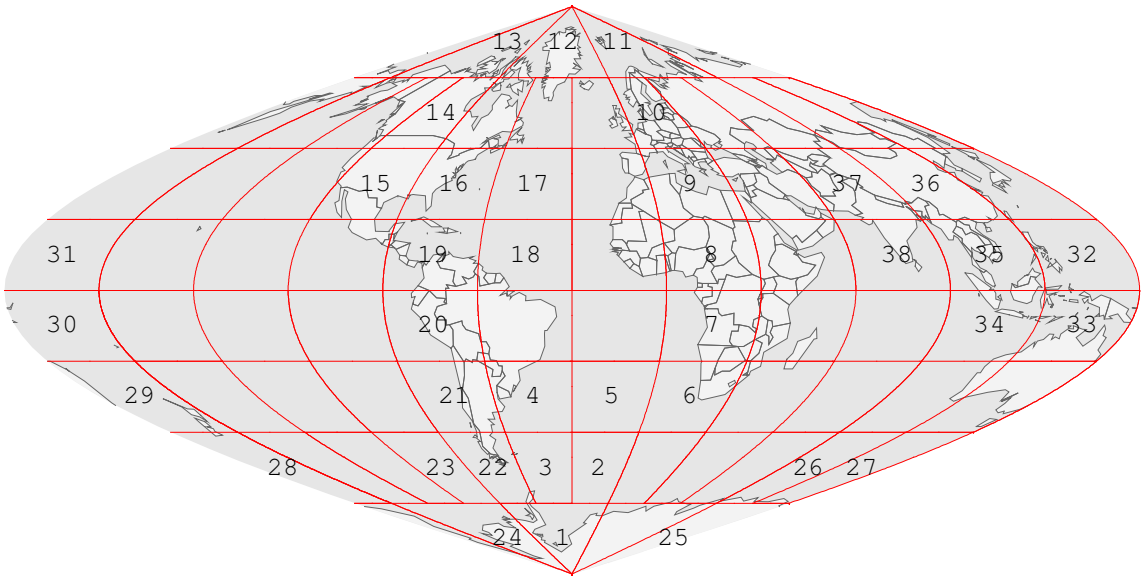


Solutions

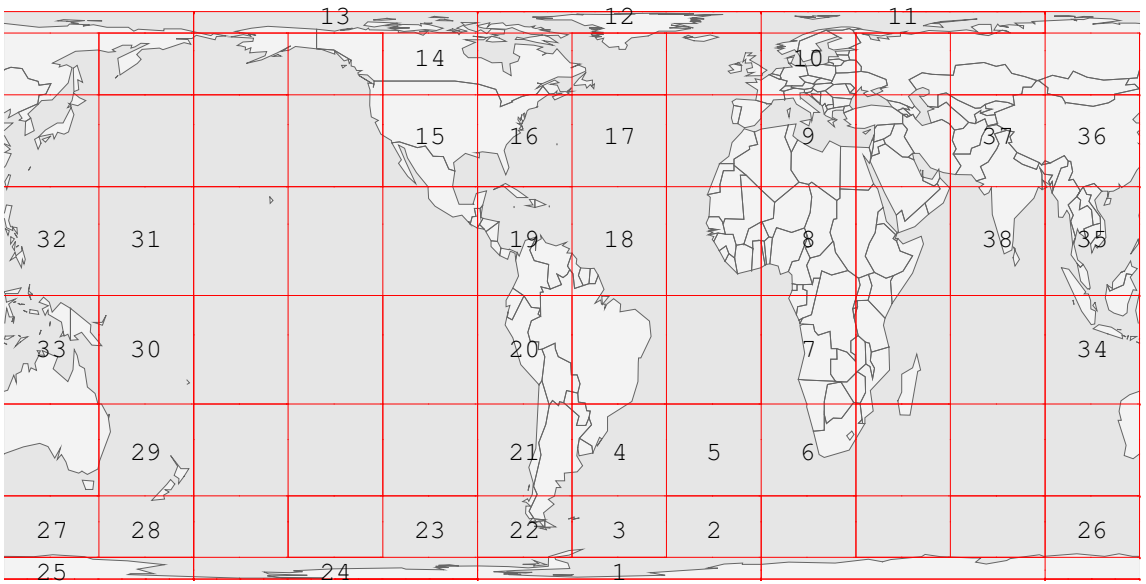
1.


13
12
11
14
10
15
16
17
9
37
36
19
18
8
38
35
32
31
20
7
34
33
30
21
4
5
6
29
23
22
3
2
26
27
28
24
1
25

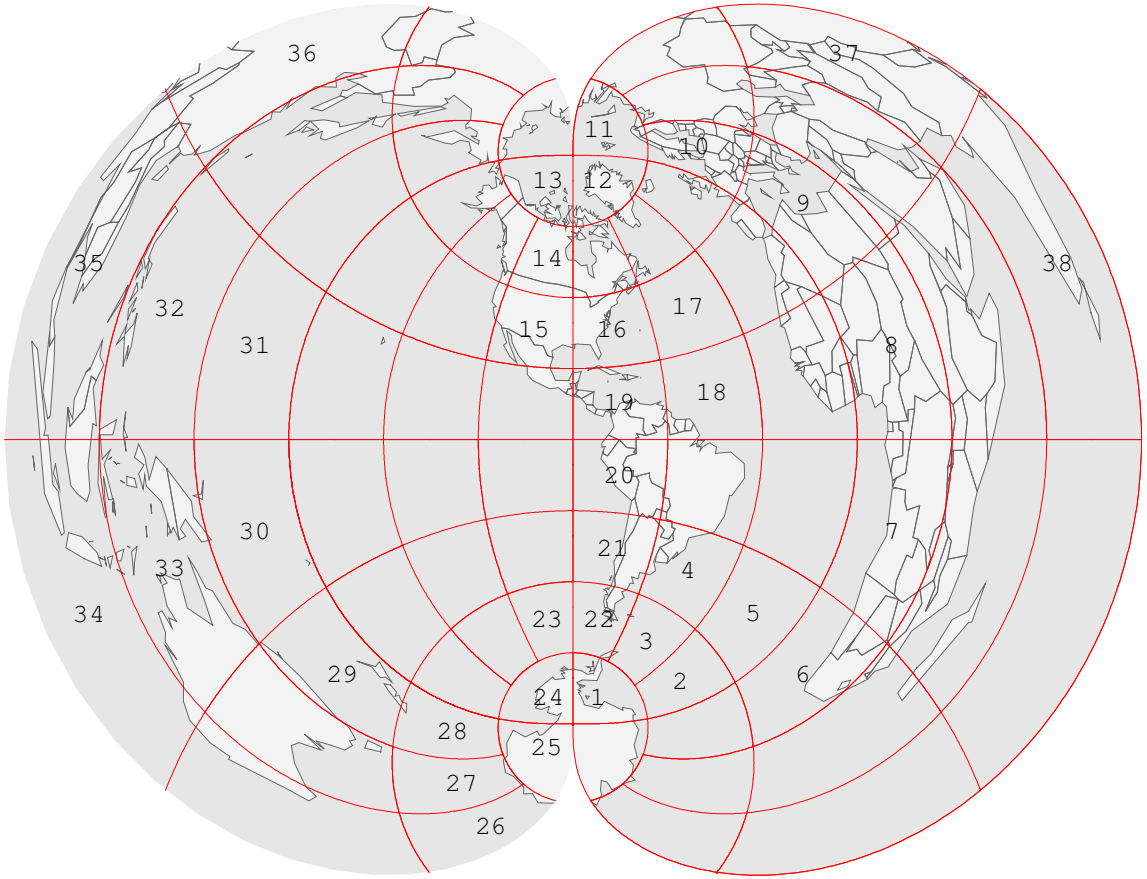
2.


13
12
11
14
10
15
16
17
9
37
36
31
19
18
8
38
35
32
30
20
7
34
33
29
21
4
5
6
28
23
22
3
2
26
27
24
1
25

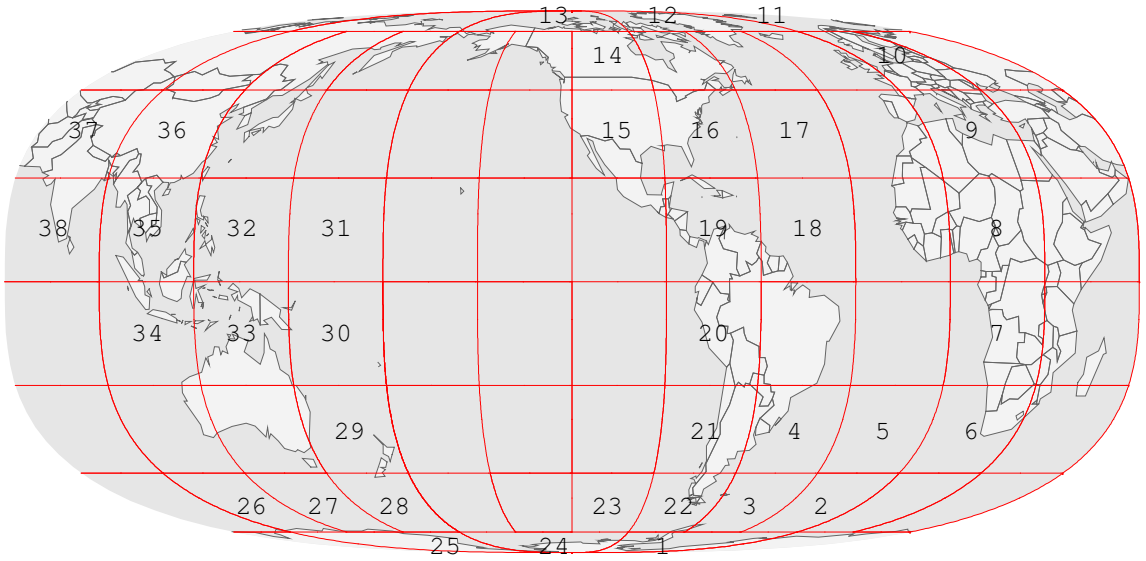
3.


13
12
11
14
10
15
16
17
9
37
36
32
31
19
18
8
38
35
33
30
20
7
34
29
21
4
5
6
27
28
23
22
3
2
26
25
24
1

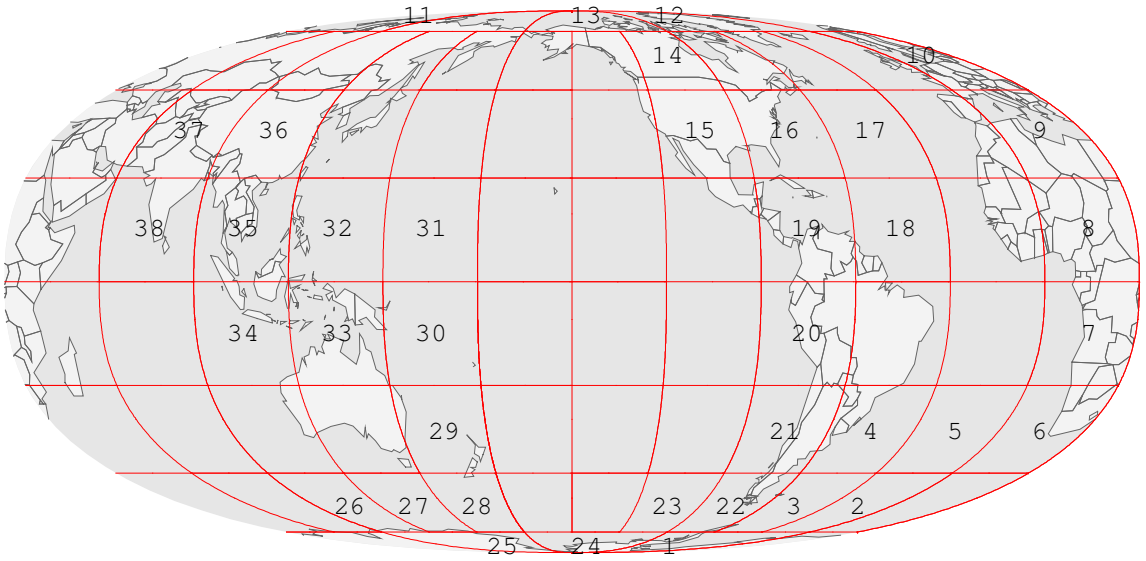
4.


36
37
11
10
13
12
9
14
35
38
32
17
15
16
31
8
18
19
20
30
7
21
33
4
34
23
22
5
3
29
6
2
24
1
28
25
27
26

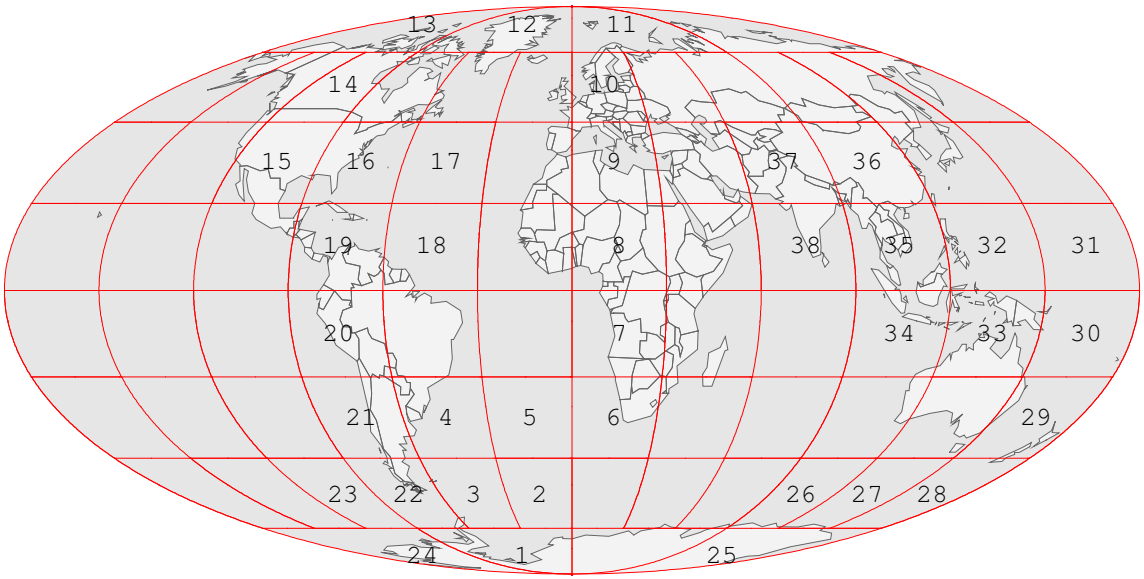
5.


13
12
11
14
10
37
36
15
16
17
9
38
35
32
31
19
18
8
34
33
30
20
7
29
21
4
5
6
26
27
28
23
22
3
2
25
24
1

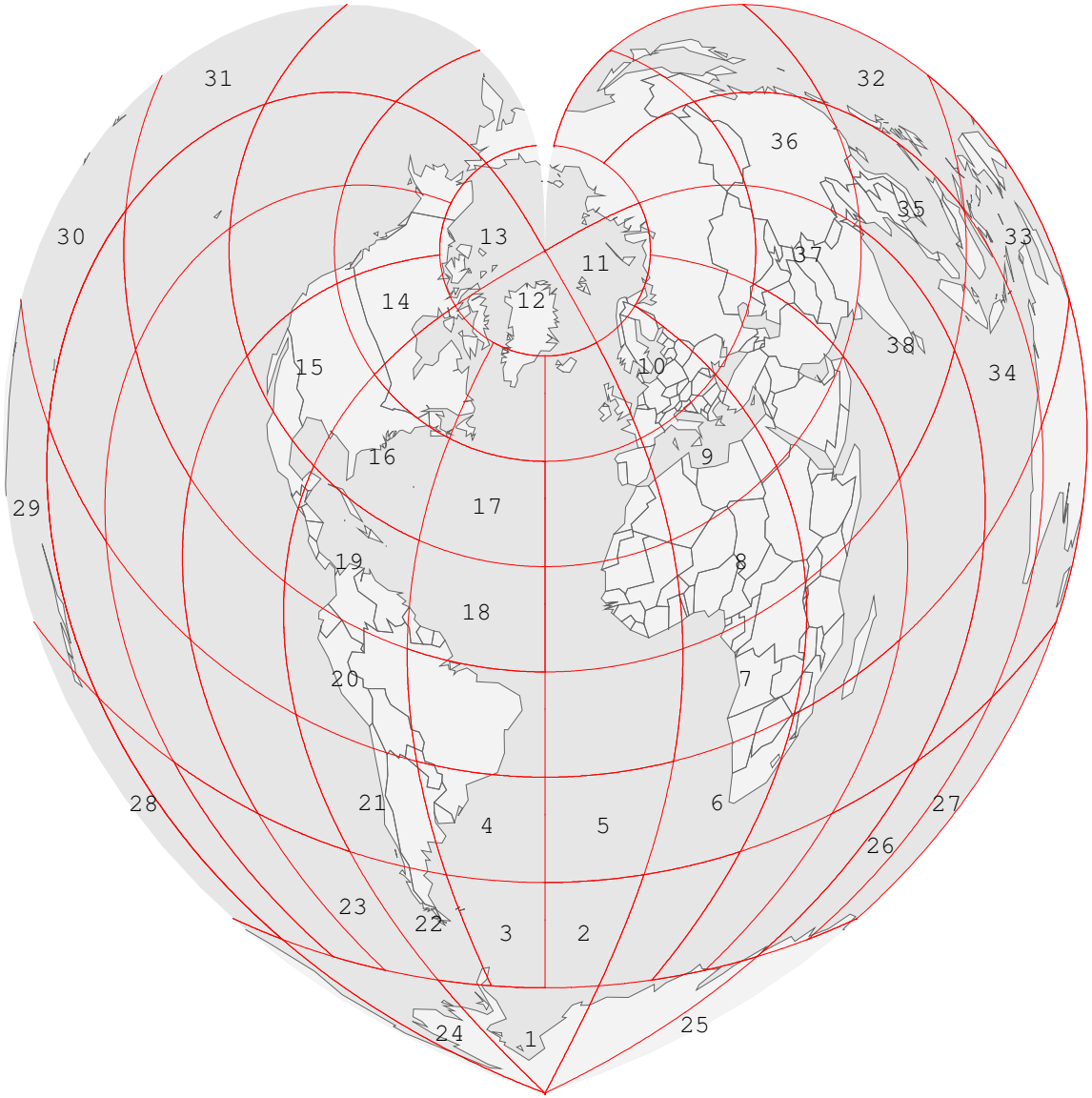
6.


11
13
12
14
10
37
36
15
16
17
9
38
35
32
31
19
18
8
34
33
30
20
7
29
21
4
5
6
26
27
28
23
22
3
2
25
24
1

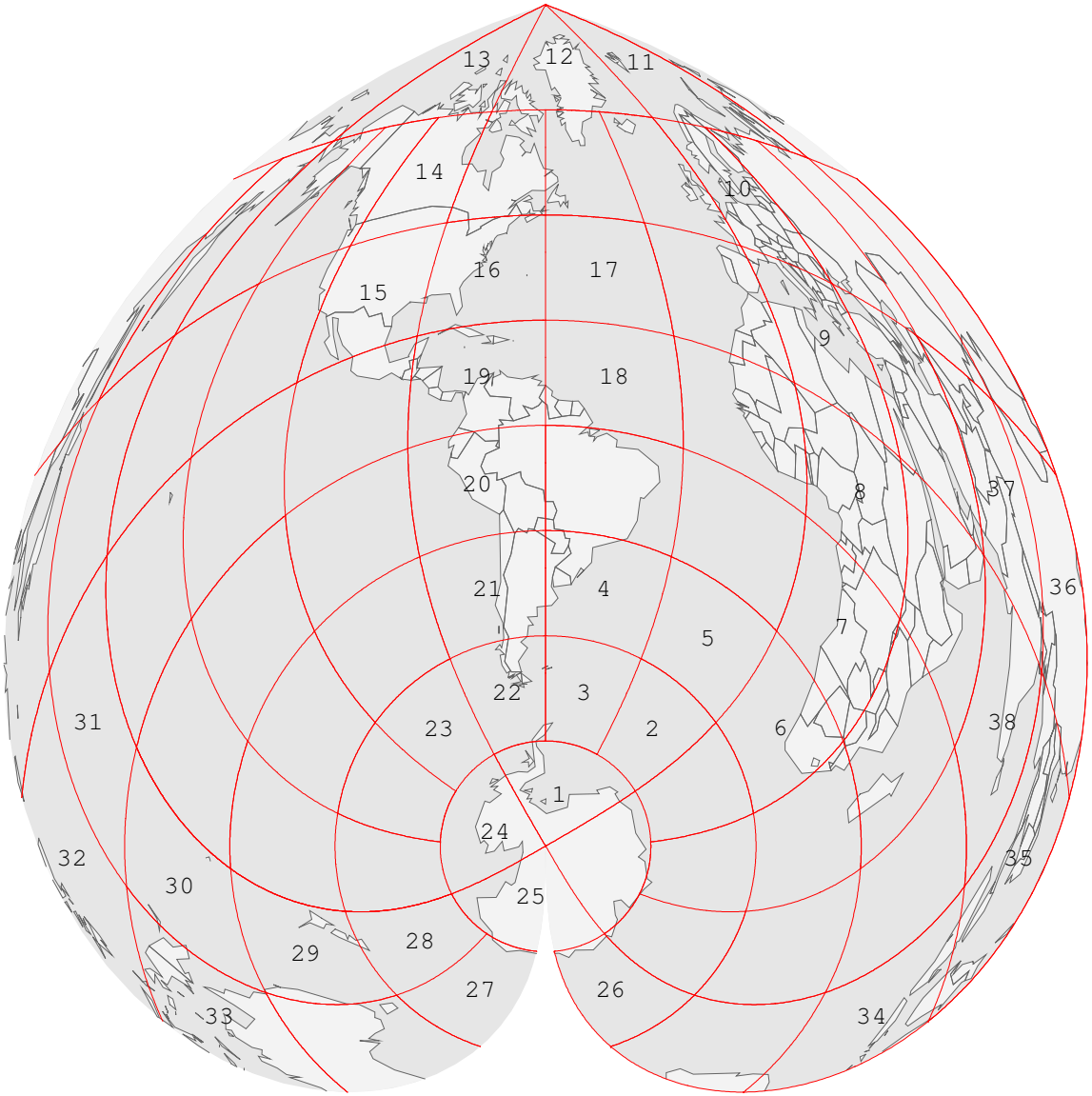
7.


13
12
11
14
10
15
16
17
9
37
36
19
18
8
38
35
32
31
20
7
34
33
30
21
4
5
6
29
23
22
3
2
26
27
28
24
1
25

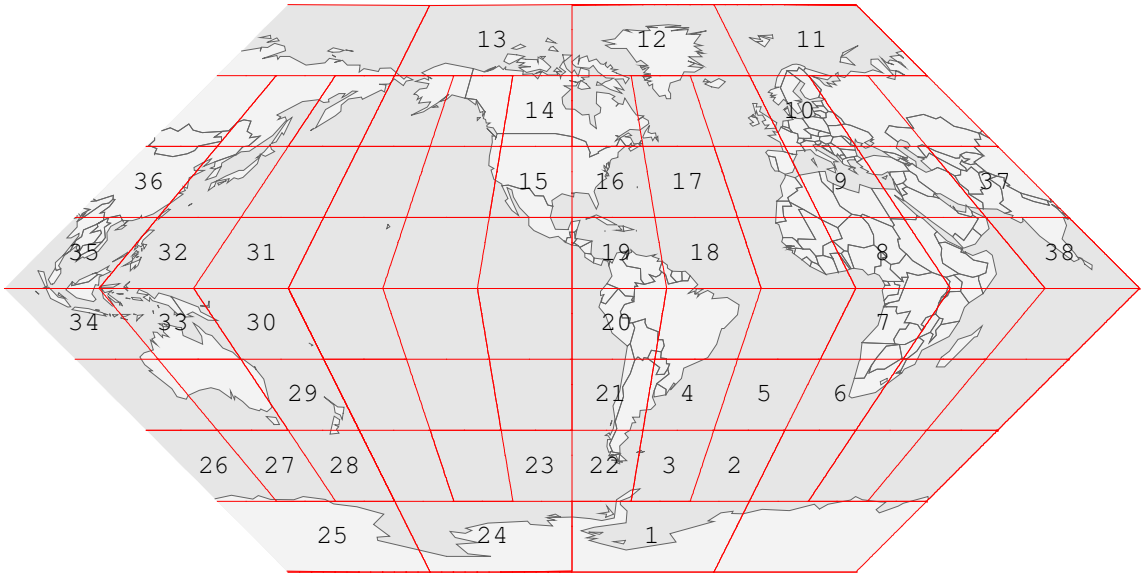
8.


31
32
36
30
13
35
33
11
37
14
12
38
15
10
34
16
9
29
17
19
8
18
20
7
28
21
6
27
4
5
26
23
22
3
2
24
1
25

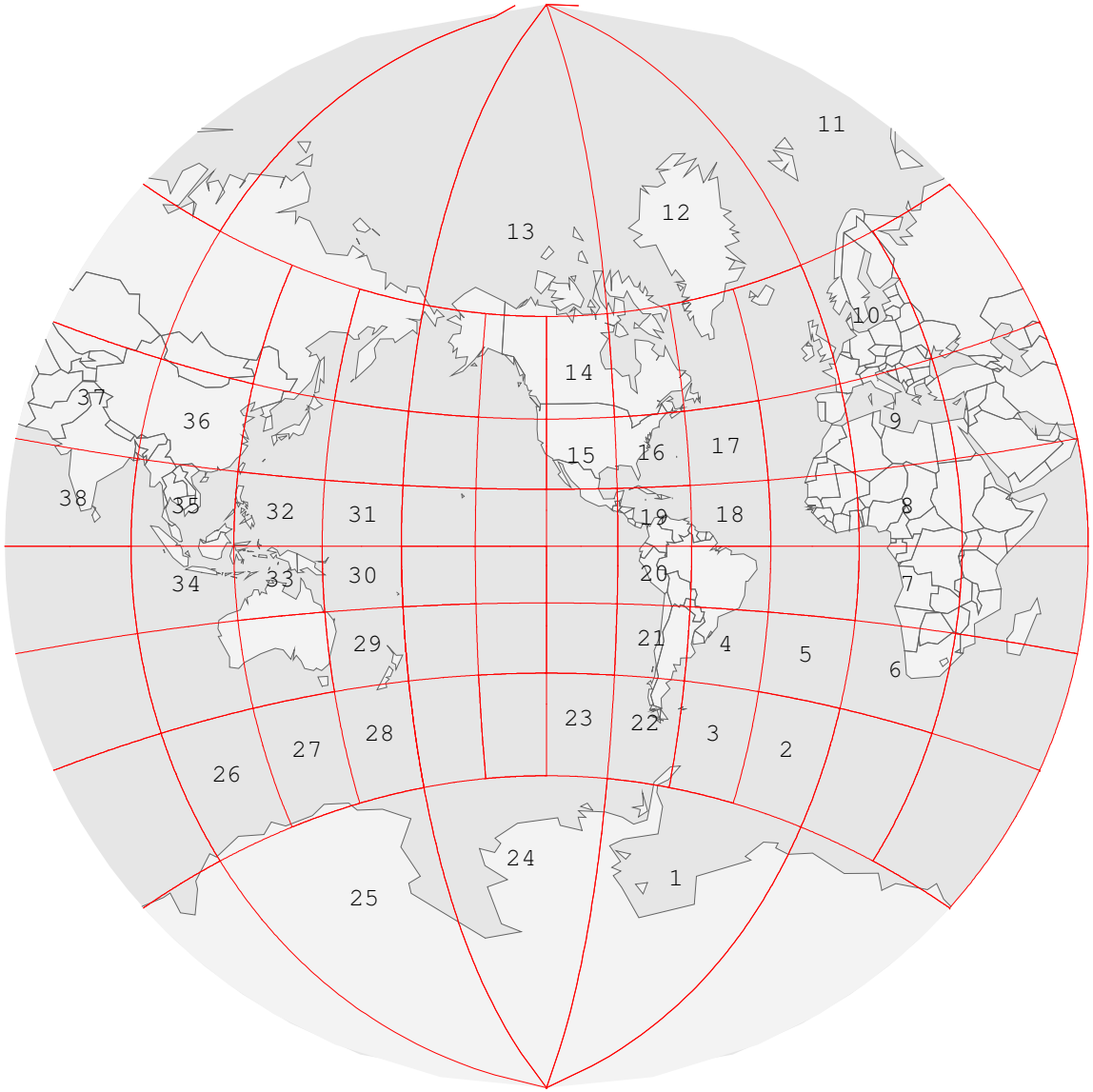
9.


13
12
11
14
10
16
17
15
9
19
18
20
8
37
21
4
36
5
7
22
3
31
23
2
6
38
1
24
32
30
25
35
29
28
27
26
33
34

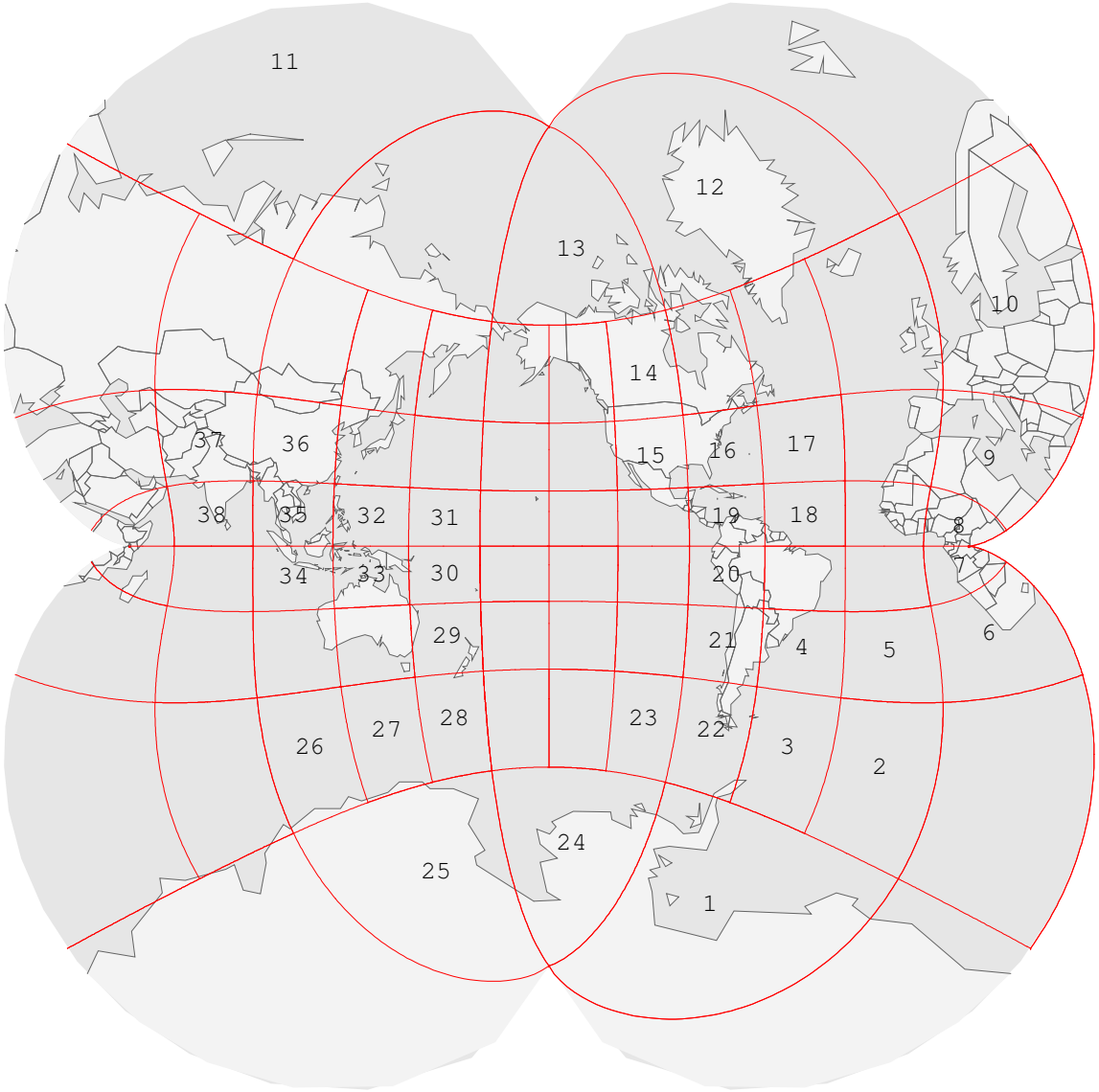
10.


13
12
11
14
10
36
15
16
17
9
37
35
32
31
19
18
8
38
34
33
30
20
7
29
21
4
5
6
26
27
28
23
22
3
2
25
24
1

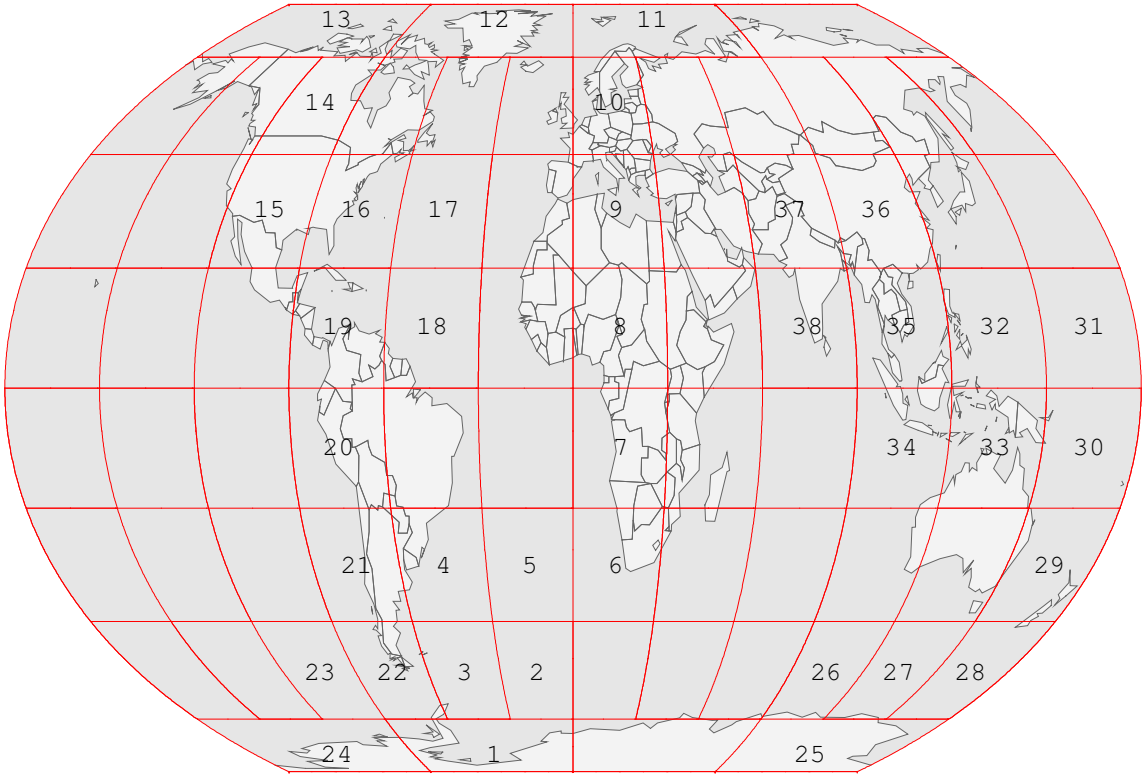
11.


11
12
13
10
14
37
36
9
15
16
17
38
35
32
31
19
18
8
34
33
30
20
7
29
21
4
5
6
23
22
3
2
27
28
26
24
1
25

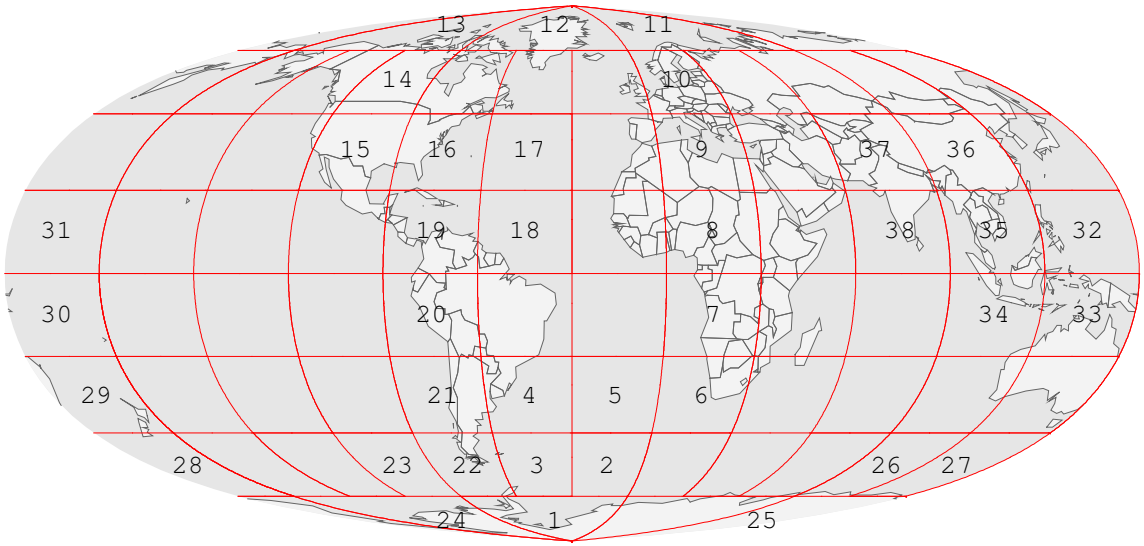
12.


11
12
13
10
14
37
36
15
16
17
9
38
35
32
31
19
18
8
34
33
30
20
29
21
4
5
6
26
27
28
23
22
3
2
24
25
1

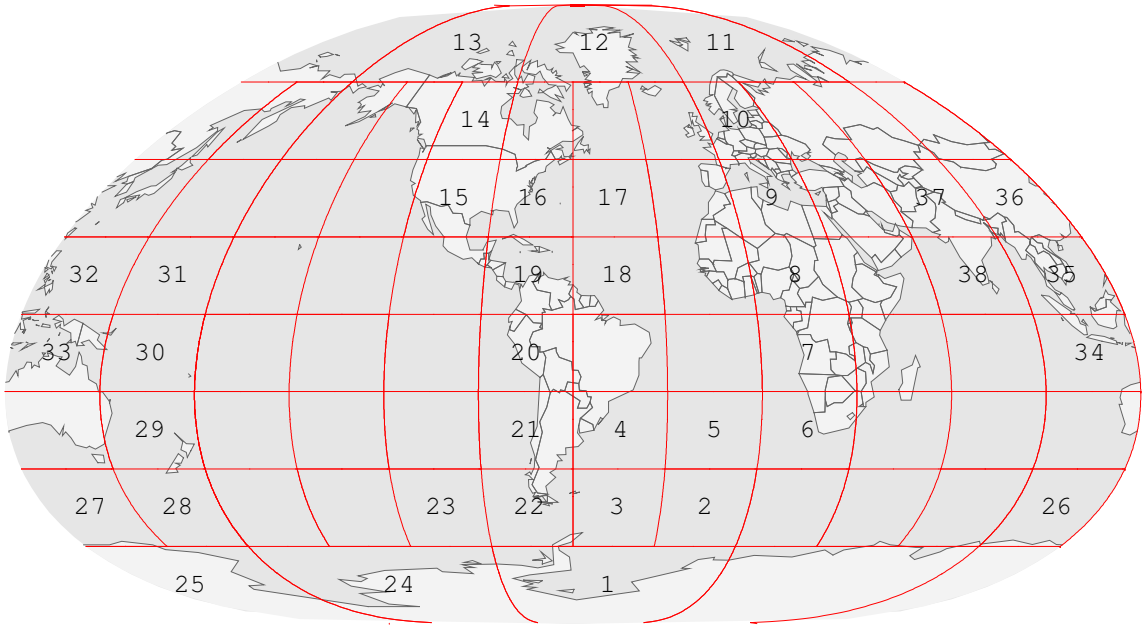
13.


13
12
11
14
10
15
16
17
9
37
36
19
18
8
38
35
32
31
20
7
34
33
30
21
4
5
6
29
23
22
3
2
26
27
28
24
1
25

14.


13
12
11
14
10
15
16
17
9
37
36
31
19
18
8
38
35
32
30
20
7
34
33
29
21
4
5
6
28
23
22
3
2
26
27
24
1
25

15.


13
12
11
14
10
15
16
17
9
37
36
32
31
19
18
8
38
35
33
30
20
7
34
29
21
4
5
6
27
28
23
22
3
2
26
25
24
1