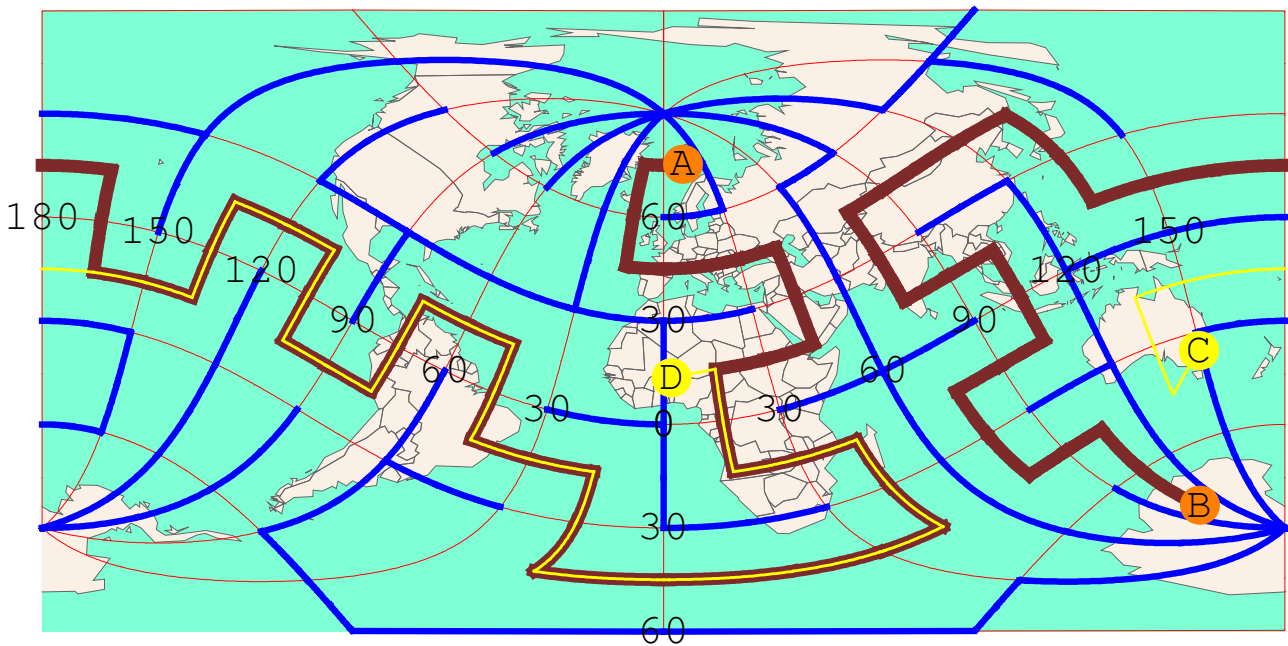
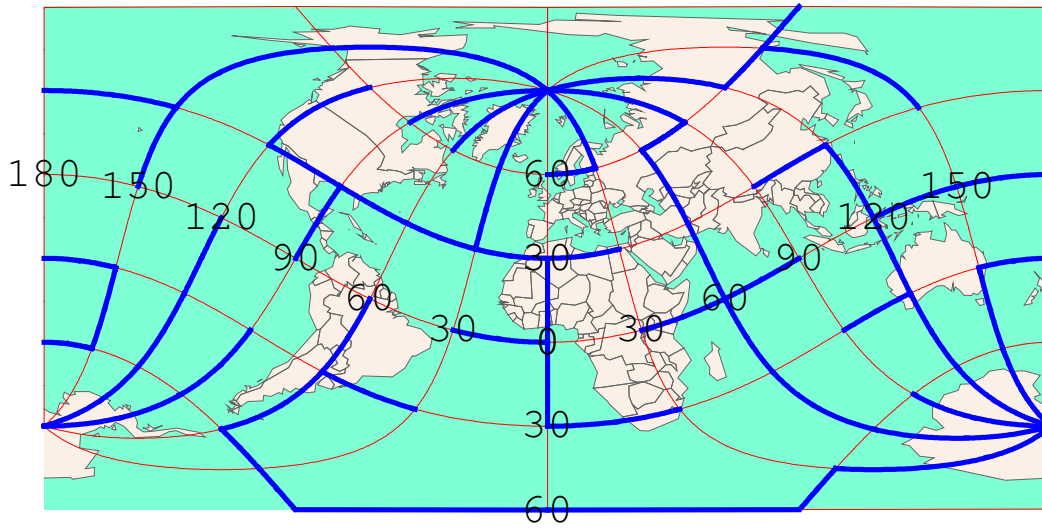


Izidor Hafner

Maps as Mazes

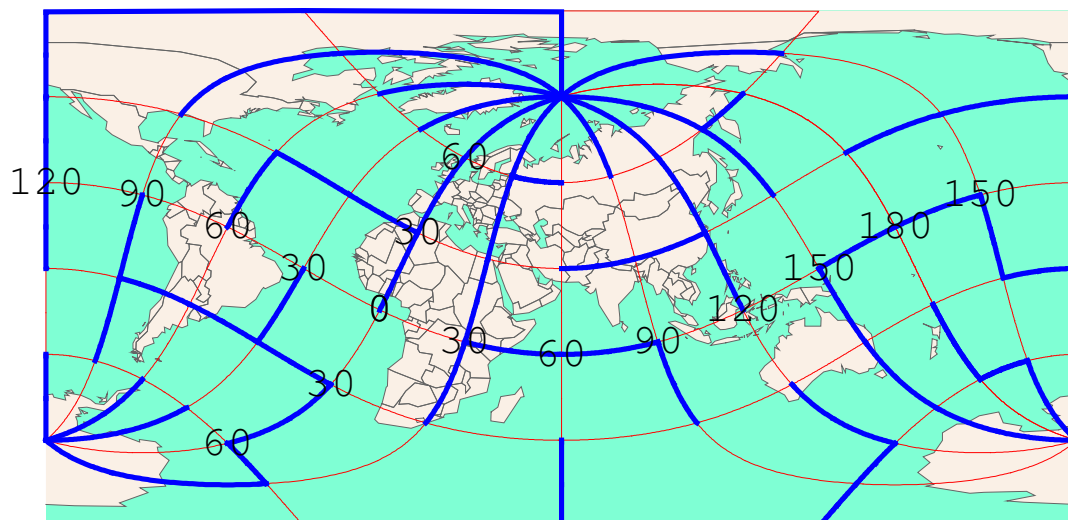
Connect points: A{75 N, 15 E}, B{75 S, 105 E}
and points C{45 S, 135 E}, D{15 N, 15 E}



Problems

1.

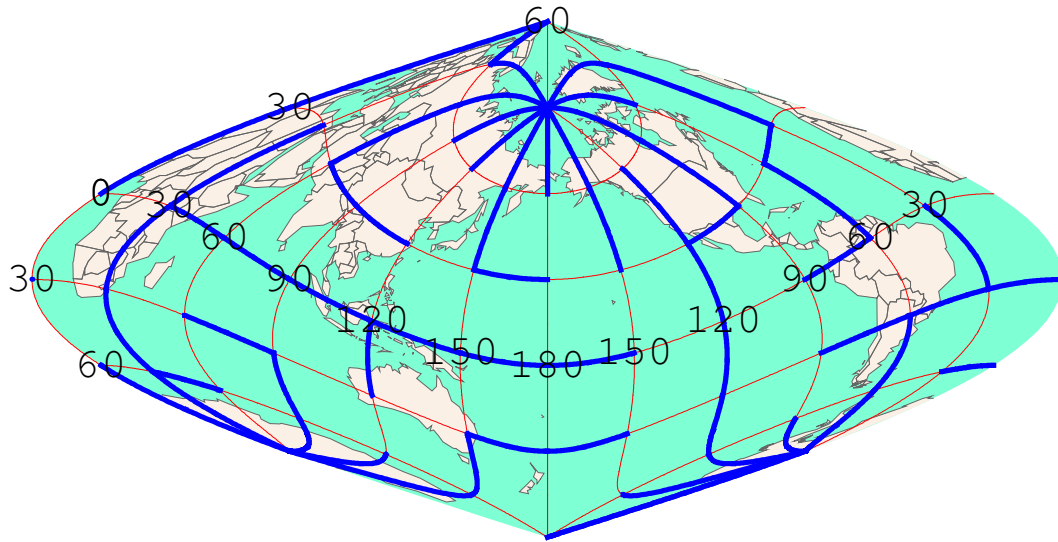
Connect points: A{75 S, 165 W}, B{75 N, 45 E}
and points C{15 S, 75 W}, D{15 S, 45 E}



2.

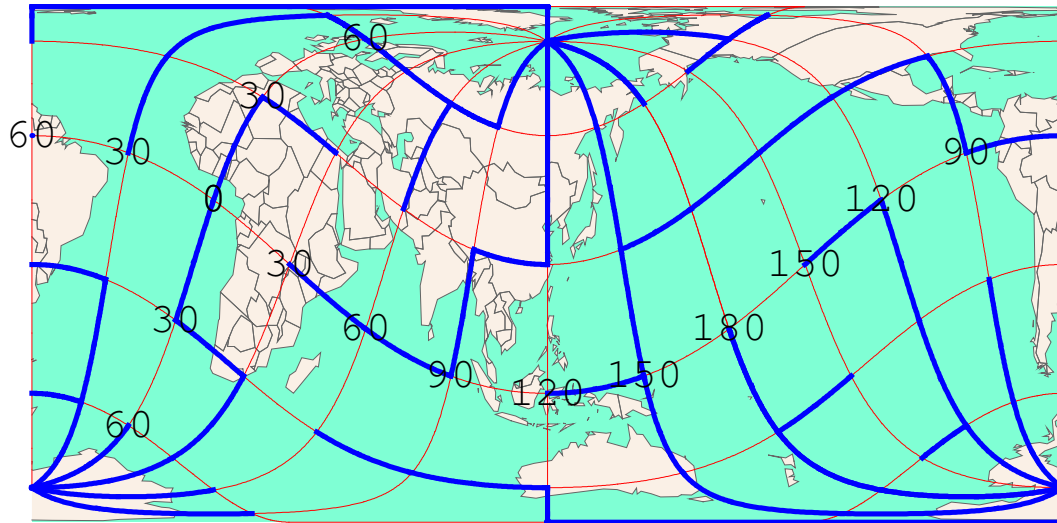
2.

Connect points: A{75 N, 45 W}, B{75 S, 45 E}
and points C{45 N, 45 E}, D{15 N, 45 W}



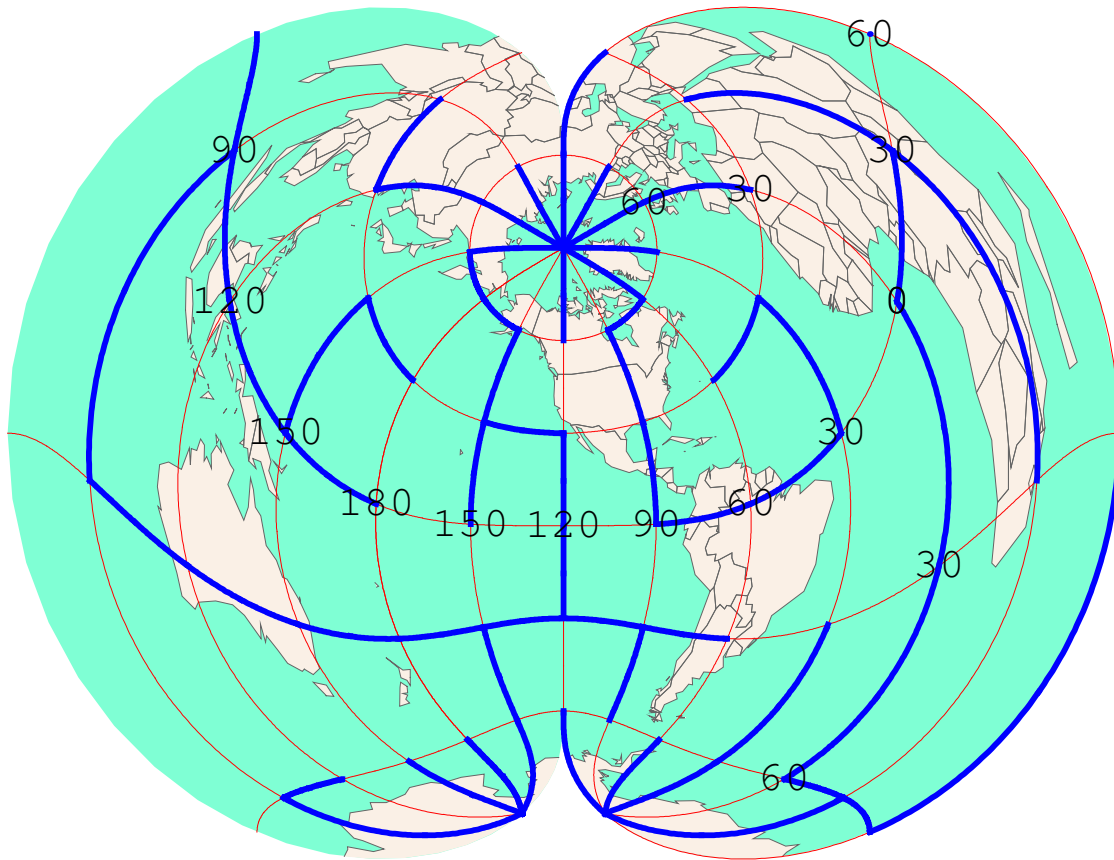
3.

Connect points: A{75 N, 135 E}, B{75 S, 135 W}
and points C{45 N, 15 E}, D{15 N, 75 W}



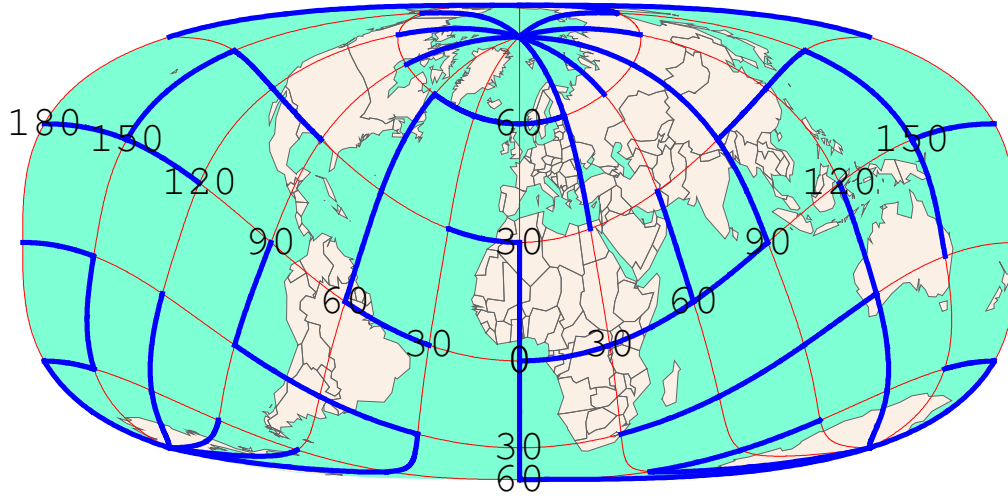
4.

Connect points: A{75 N, 165 E}, B{15 S, 105 E}
and points C{15 S, 75 W}, D{15 N, 135 E}



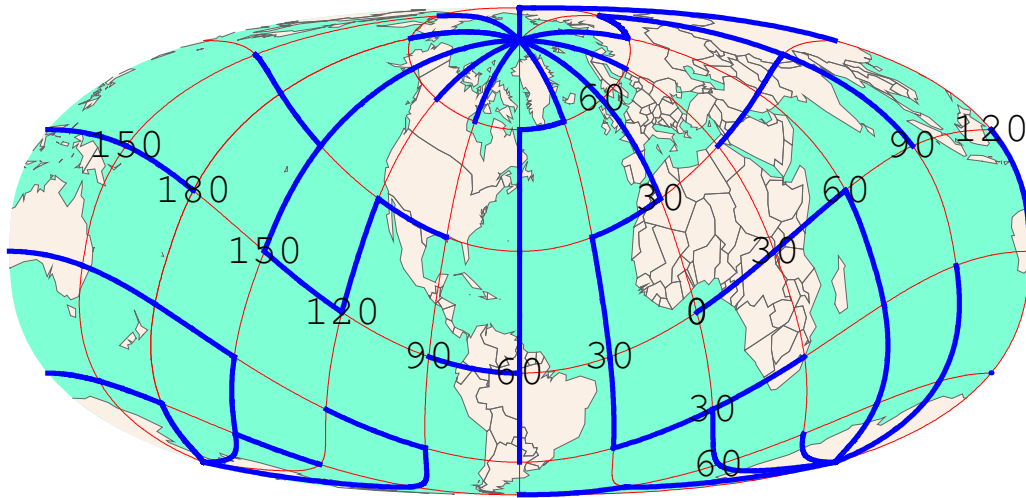
5.

Connect points: A{75 N, 75 E}, B{75 S, 45 E}
and points C{45 N, 15 E}, D{45 N, 75 E}



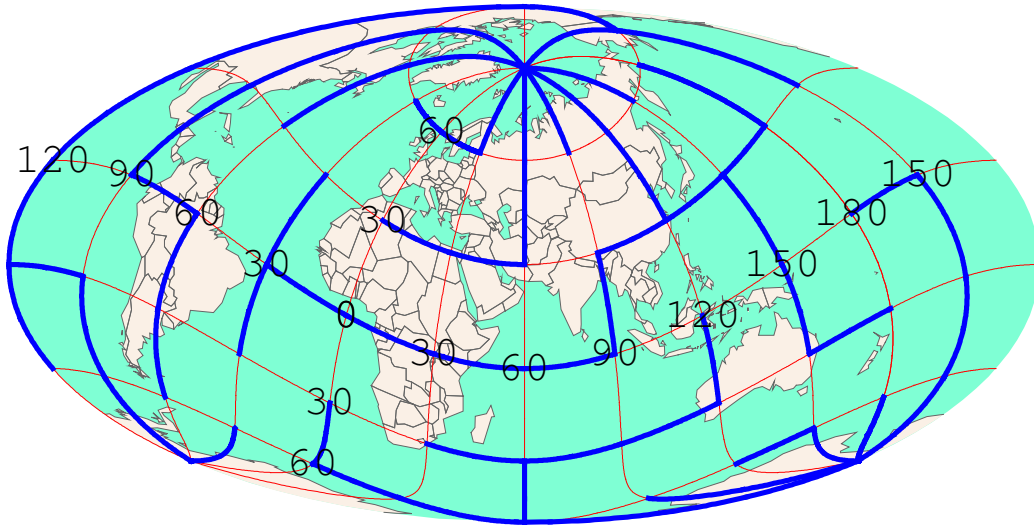
6.

Connect points: A{75 N, 15 W}, B{75 S, 15 E}
and points C{15 N, 45 E}, D{45 N, 75 E}



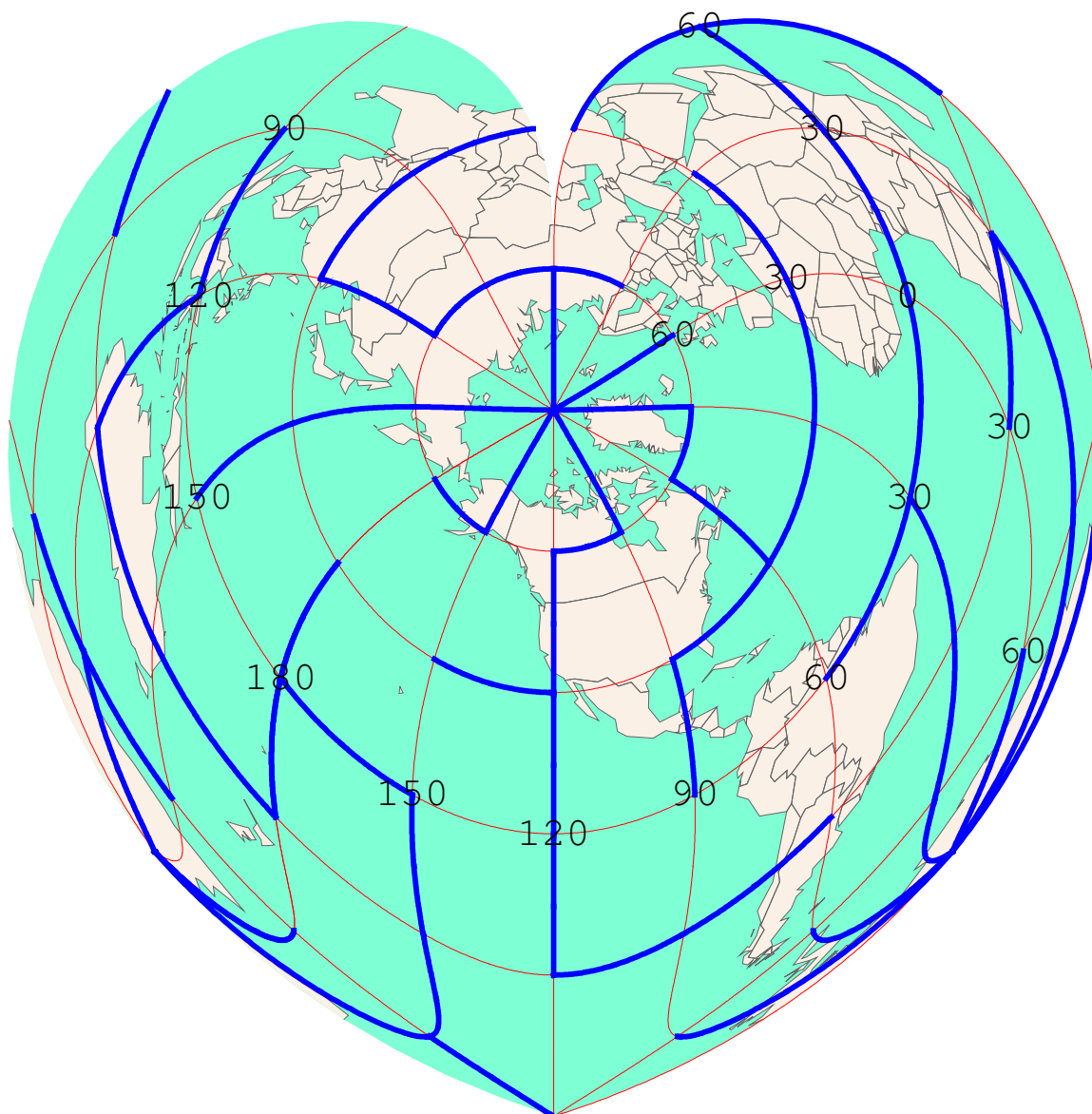
7.

Connect points: A{45 S, 105 W}, B{75 N, 105 E}
and points C{15 N, 45 W}, D{45 N, 15 E}



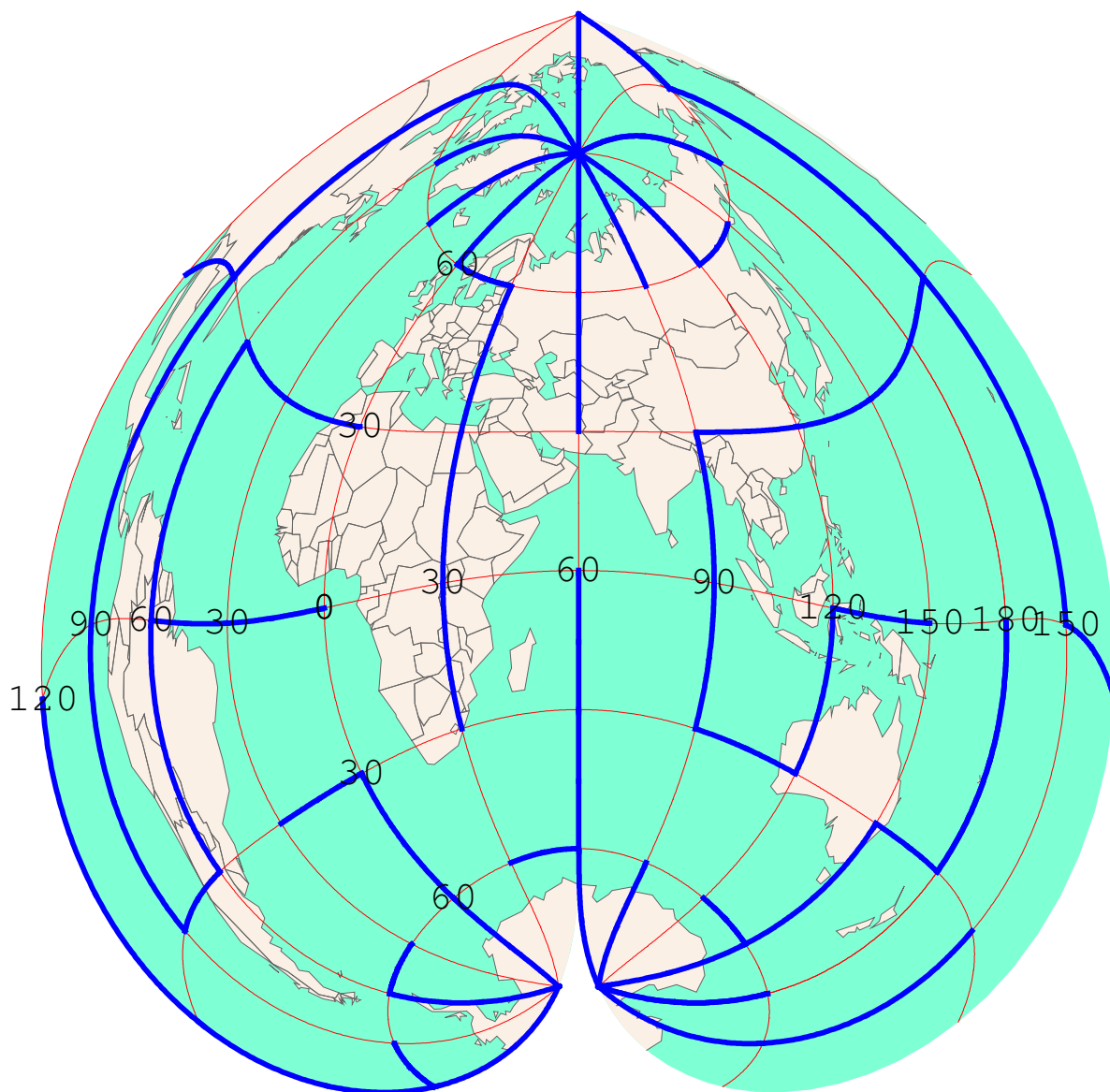
8.

Connect points: A{75 S, 15 E}, B{75 N, 15 W}
and points C{15 S, 135 E}, D{15 S, 75 W}



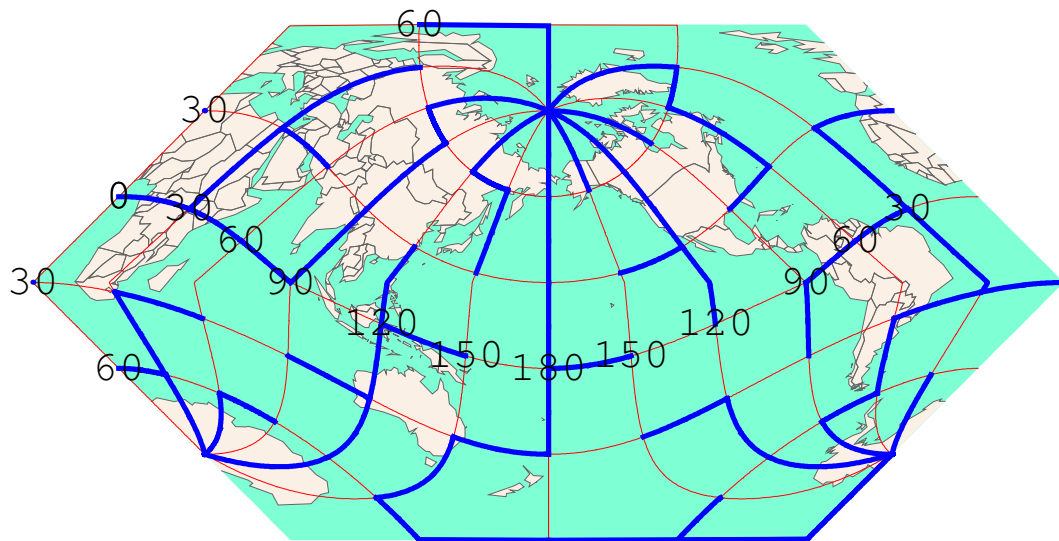
9.

Connect points: A{75 S, 135 W}, B{75 N, 105 W}
and points C{15 S, 165 W}, D{15 N, 75 W}



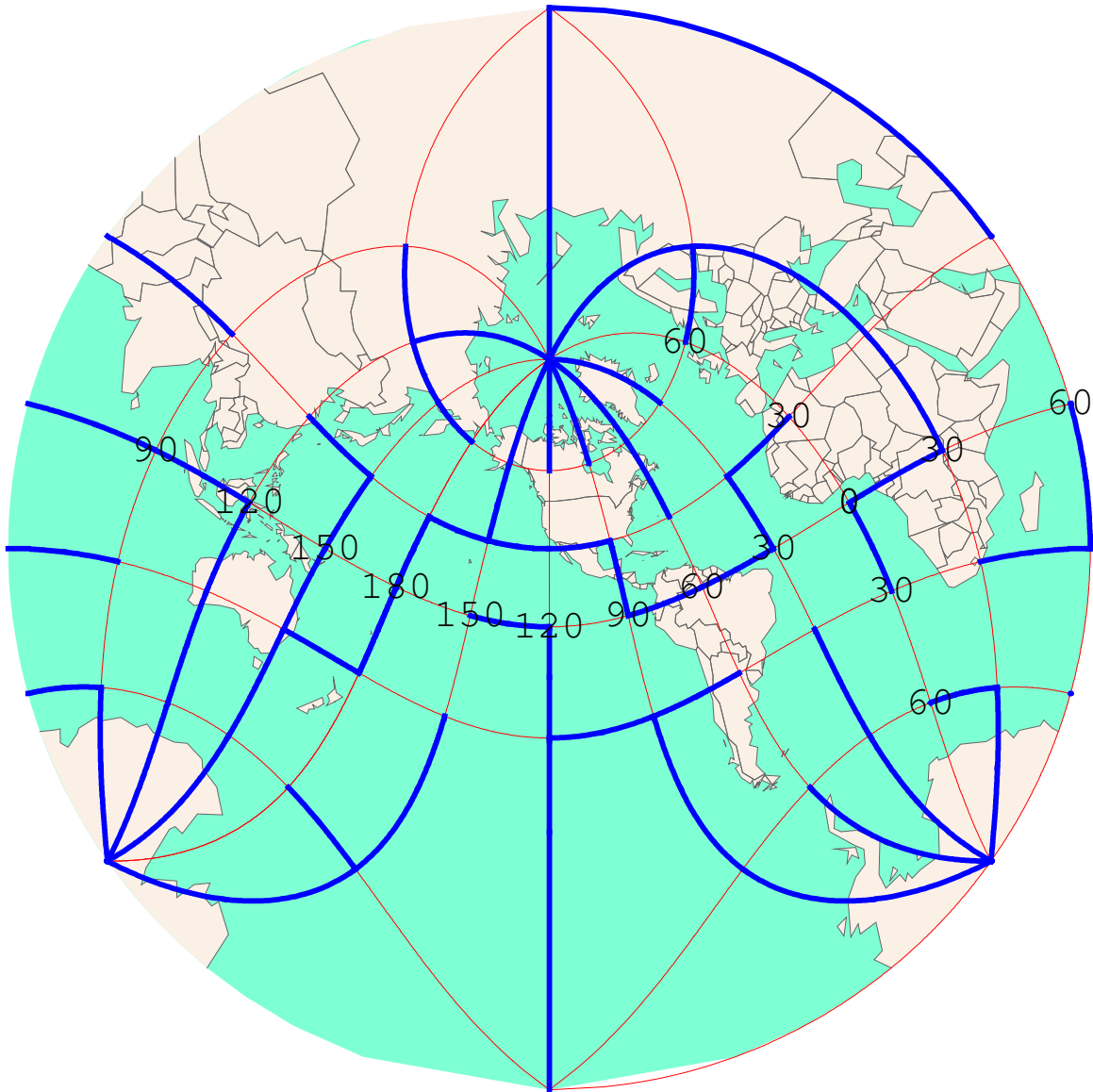
10.

Connect points: A{75 S, 165 E}, B{75 S, 165 W}
and points C{15 N, 75 W}, D{45 N, 15 E}



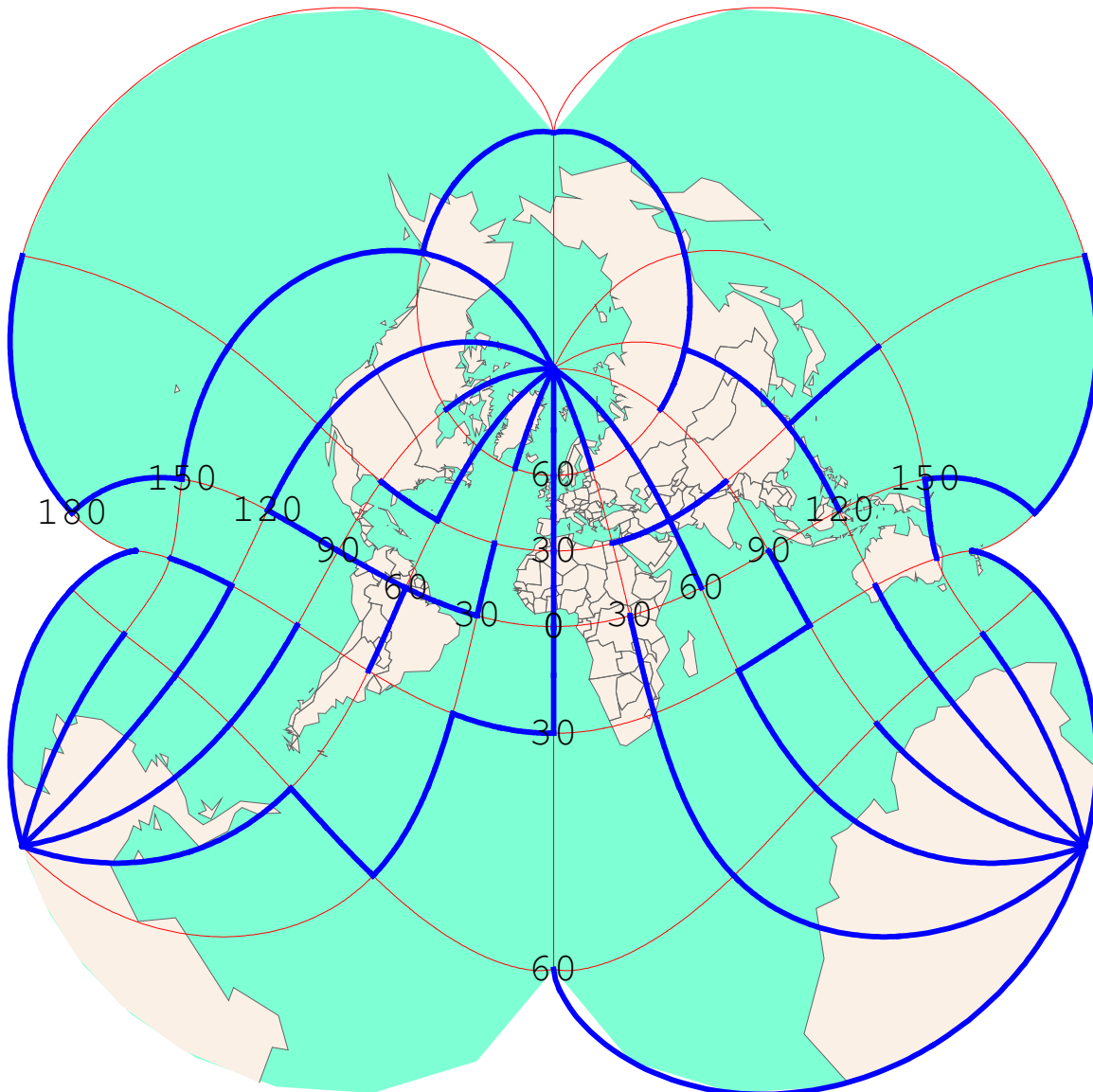
11.

Connect points: A{75 N, 135 E}, B{45 S, 105 W}
and points C{15 N, 105 E}, D{15 N, 75 W}



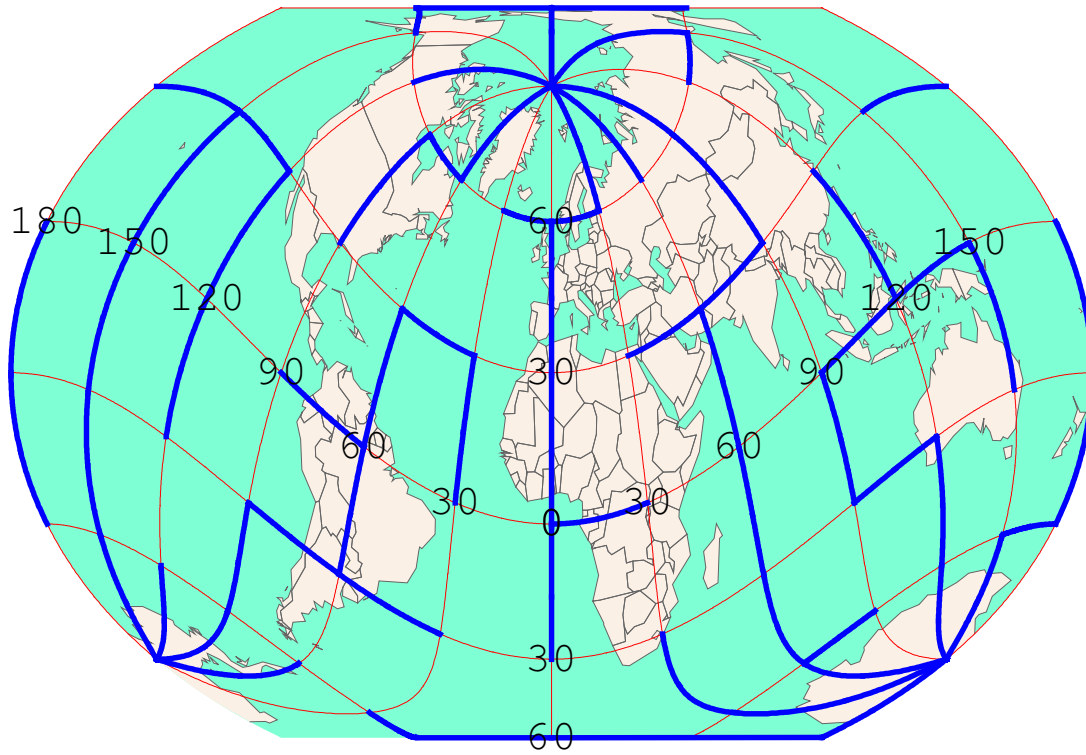
12.

Connect points: A{75 N, 75 W}, B{75 S, 45 W}
and points C{15 N, 15 E}, D{15 N, 45 E}



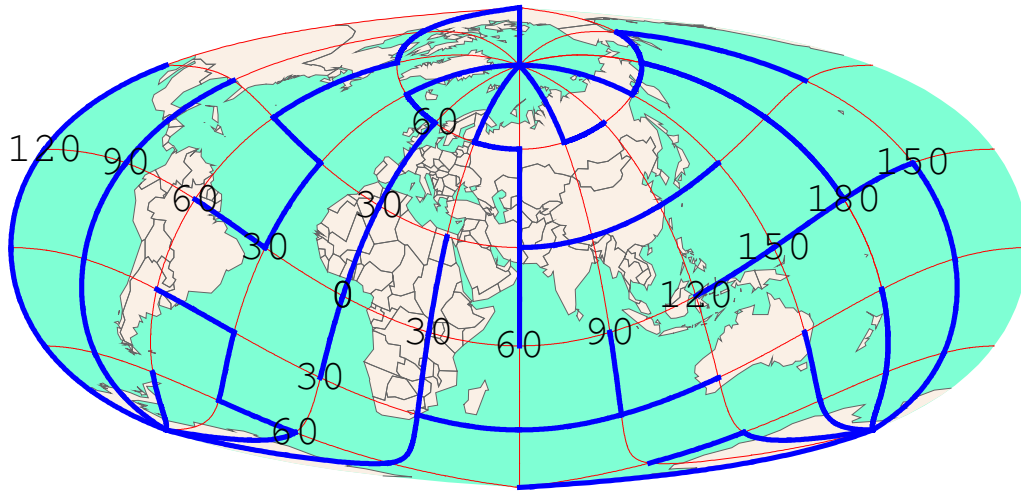
13.

Connect points: A{75 N, 75 E}, B{75 S, 75 E}
and points C{15 N, 15 W}, D{45 S, 105 E}



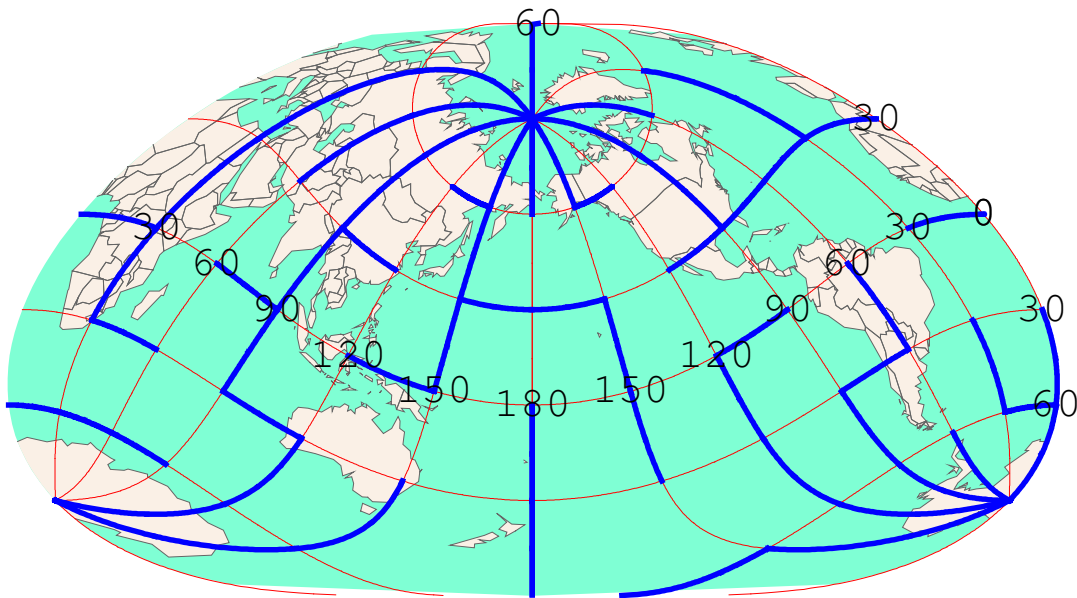
14.

Connect points: A{75 N, 45 E}, B{75 S, 135 W}
and points C{15 N, 105 E}, D{15 S, 75 W}



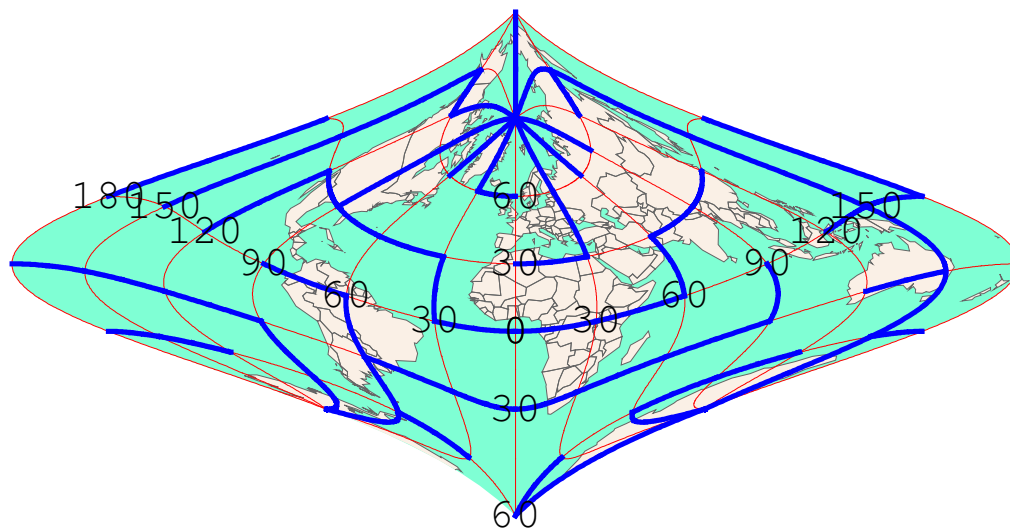
15.

Connect points: A{75 N, 75 E}, B{75 N, 135 E}
and points C{15 N, 75 W}, D{45 S, 165 E}



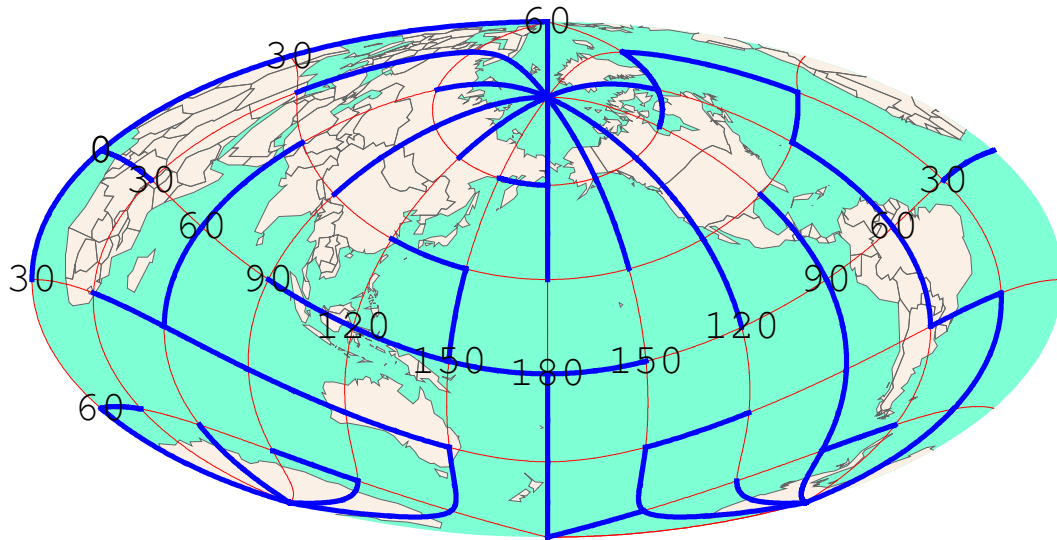
16.

Connect points: A{75 N, 15 W}, B{75 S, 165 E}
and points C{45 N, 45 E}, D{15 S, 75 W}



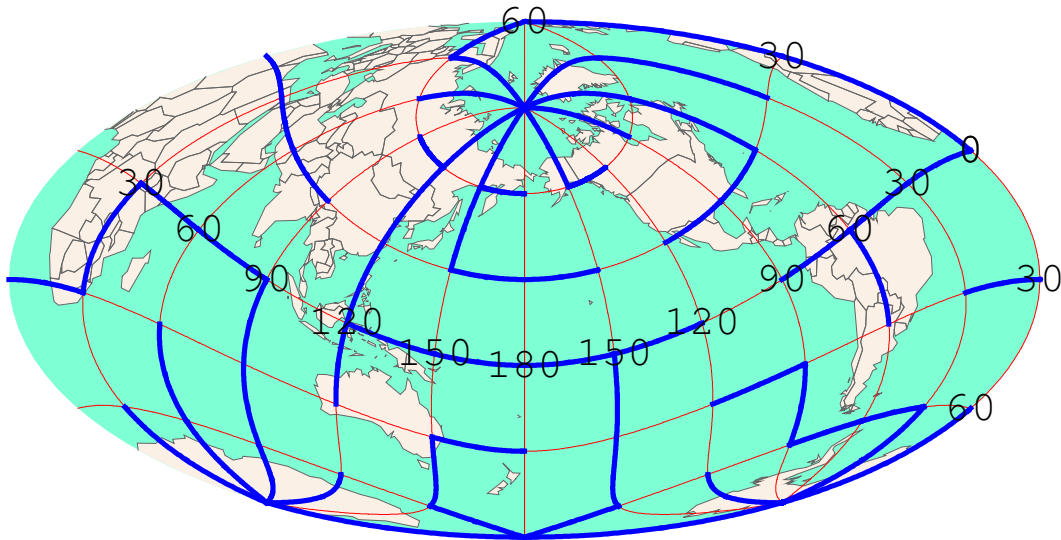
17.

Connect points: A{75 S, 75 W}, B{75 N, 45 W}
and points C{15 S, 45 E}, D{15 N, 45 E}



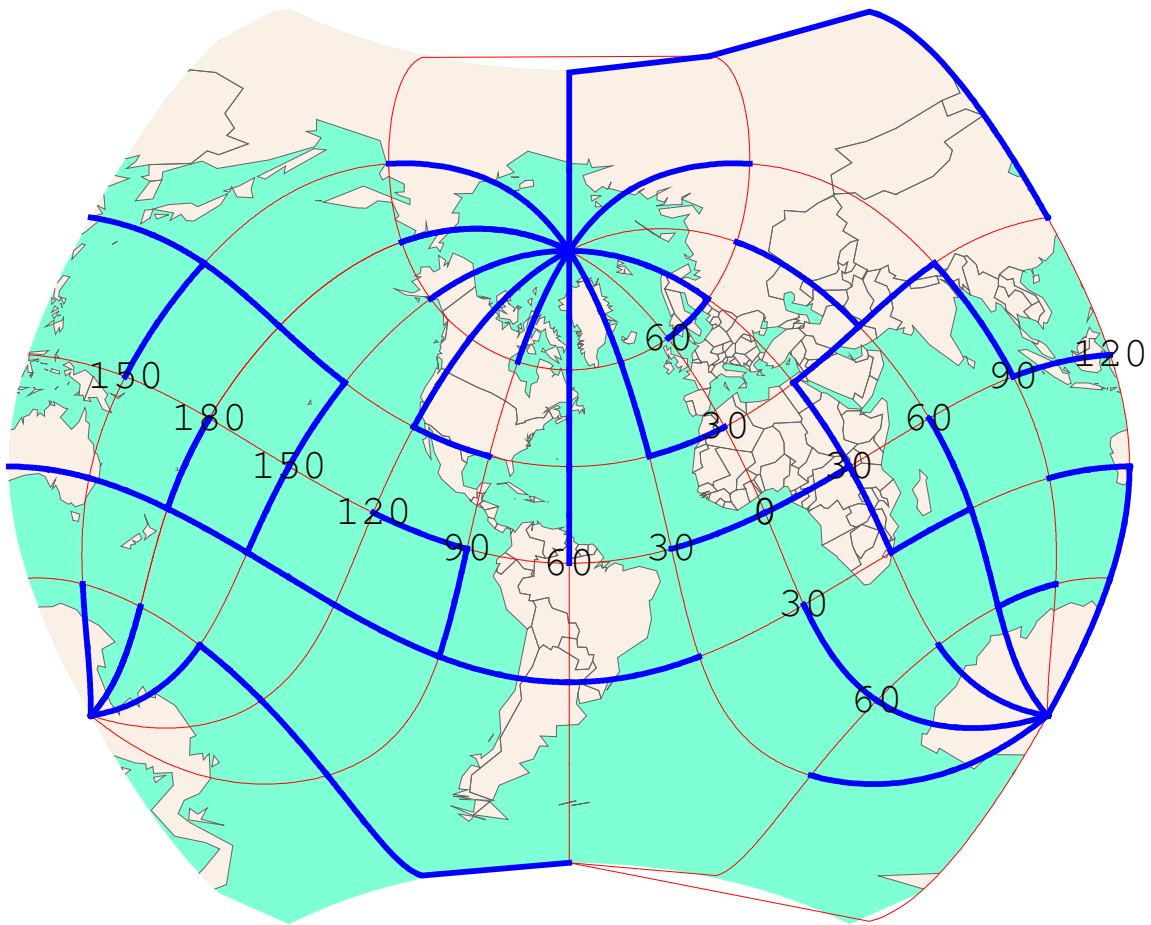
18.

Connect points: A{75 N, 135 E}, B{45 S, 165 E}
and points C{45 N, 75 E}, D{15 N, 45 E}



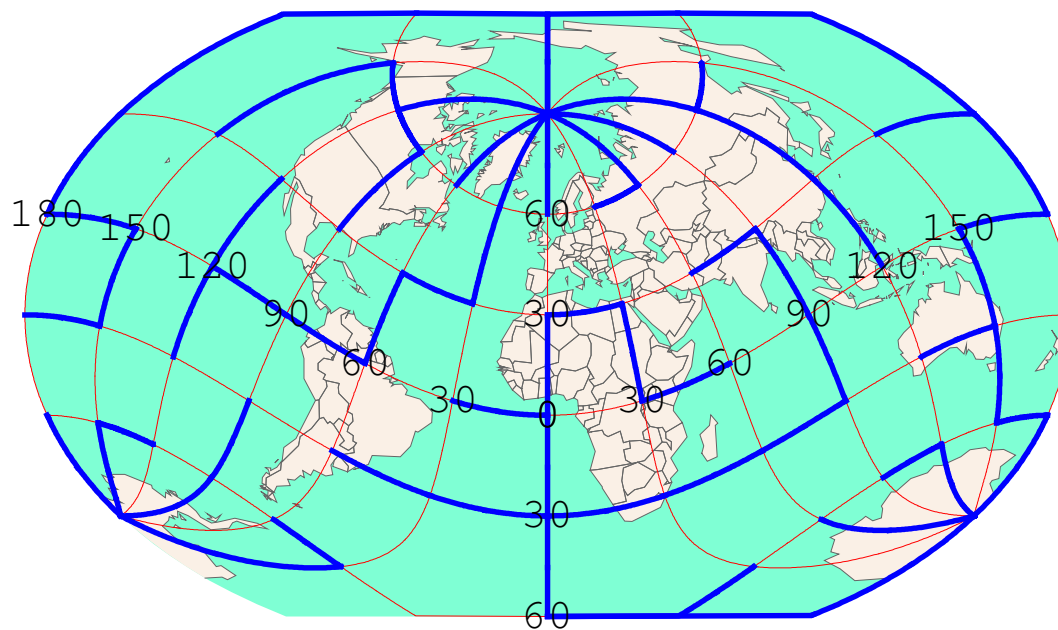
19.

Connect points: A{75 S, 135 E}, B{75 S, 75 E}
and points C{15 N, 15 W}, D{45 N, 15 E}



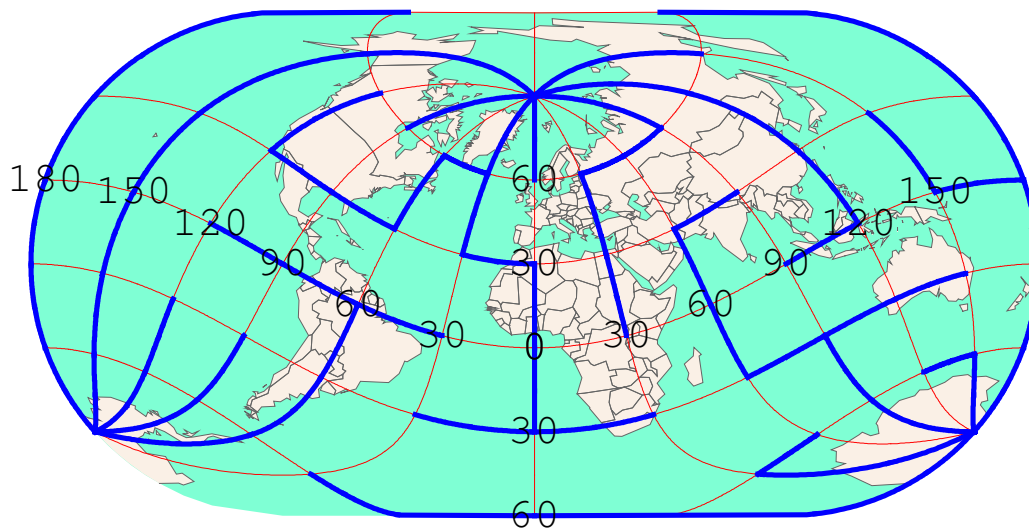
20.

Connect points: A{75 N, 105 W}, B{75 N, 135 E}
and points C{45 N, 15 E}, D{45 N, 135 W}



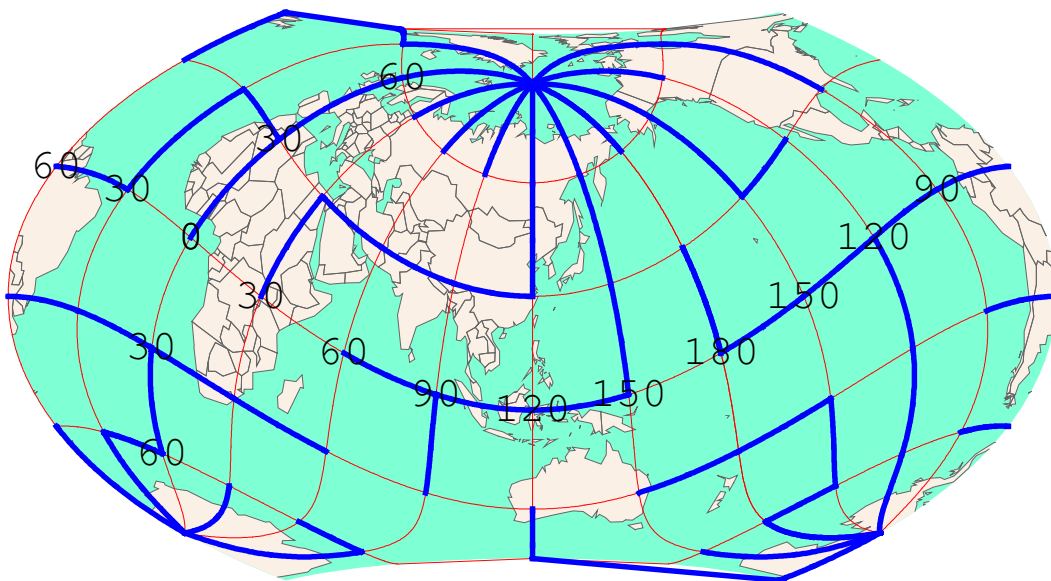
21.

Connect points: A{75 N, 45 W}, B{75 S, 165 W}
and points C{15 S, 165 W}, D{45 S, 105 E}



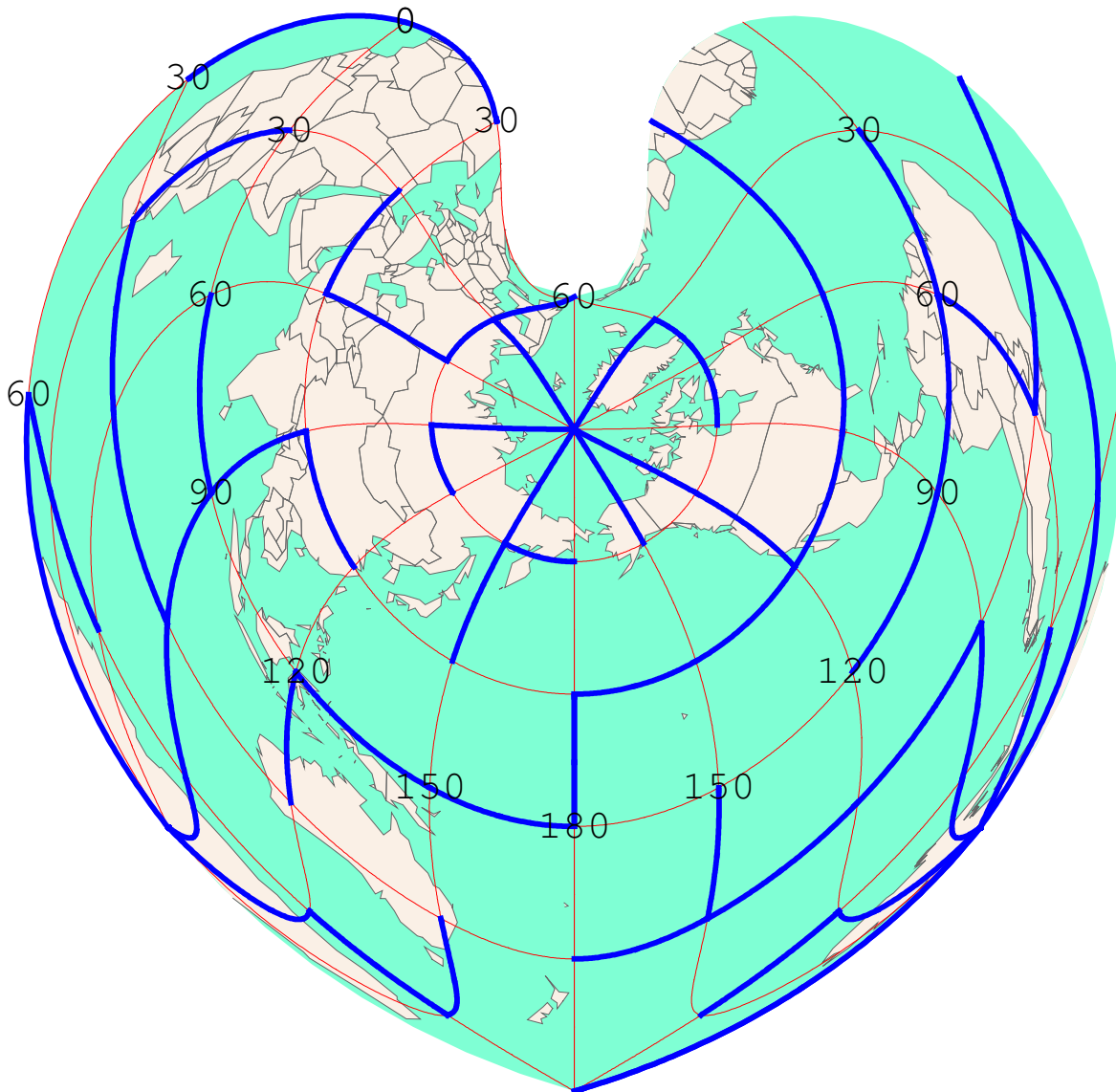
22.

Connect points: A{45 S, 15 W}, B{75 N, 15 W}
and points C{45 N, 15 W}, D{45 N, 135 W}



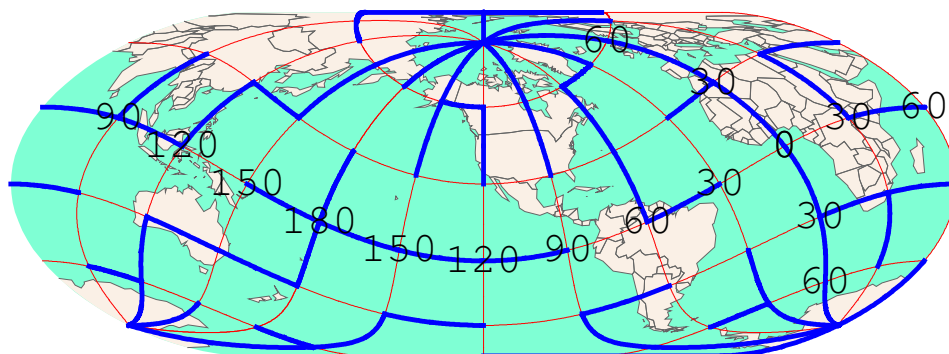
23.

Connect points: A{75 S, 45 W}, B{75 N, 45 W}
and points C{45 N, 15 E}, D{45 N, 45 E}



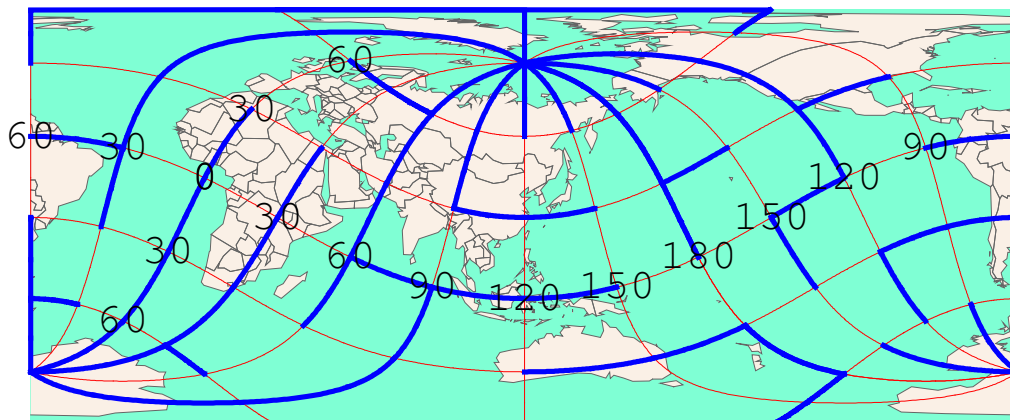
24.

Connect points: A{75 N, 75 E}, B{75 N, 15 W}
and points C{15 N, 45 E}, D{15 S, 45 E}



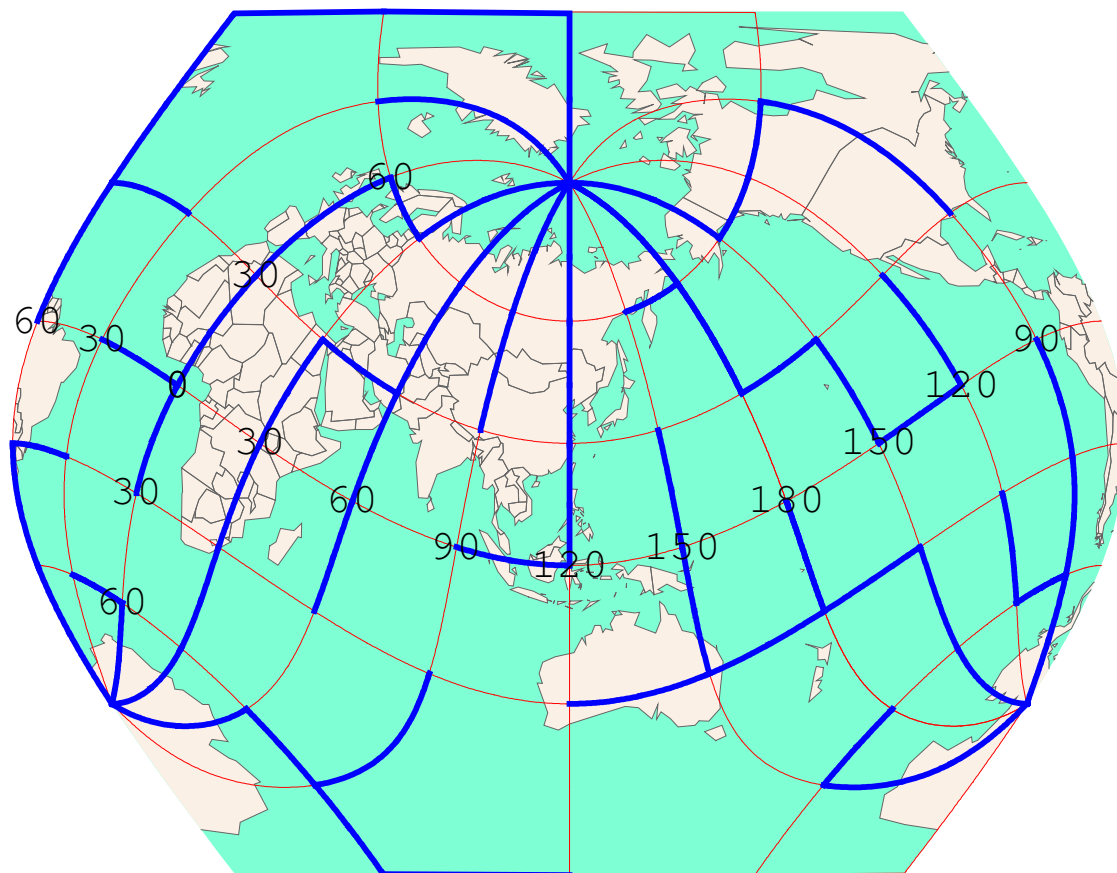
25.

Connect points: A{75 S, 45 E}, B{75 N, 75 E}
and points C{15 N, 15 E}, D{45 N, 105 W}



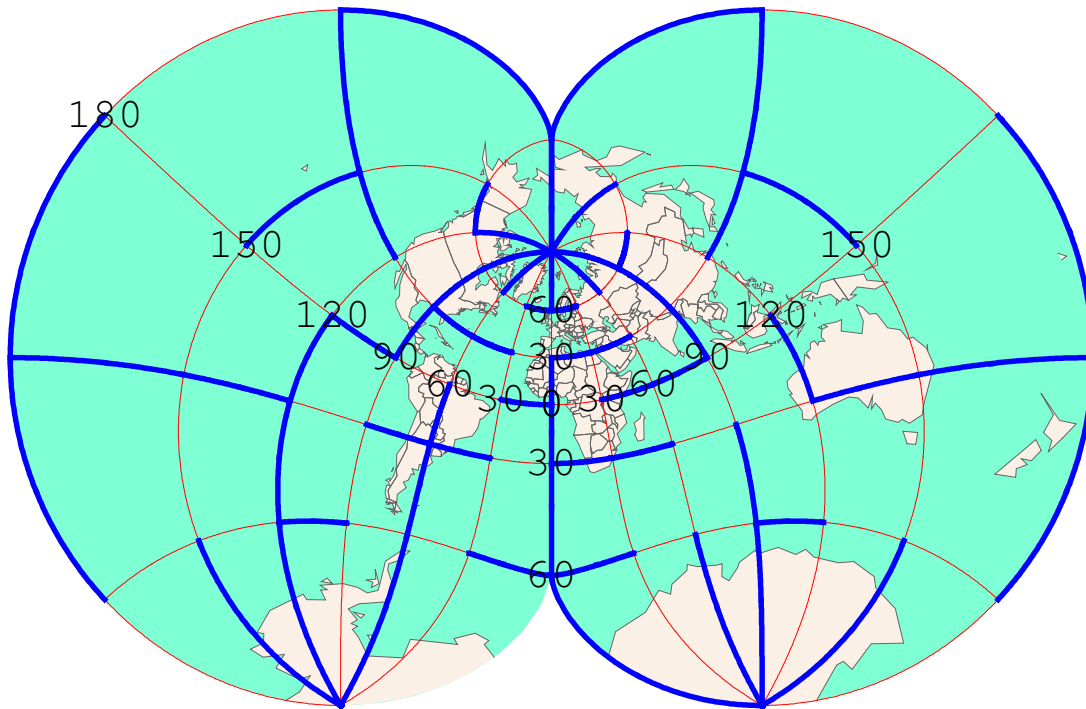
26.

Connect points: A{75 S, 165 E}, B{75 N, 45 E}
and points C{15 N, 105 E}, D{45 N, 15 E}



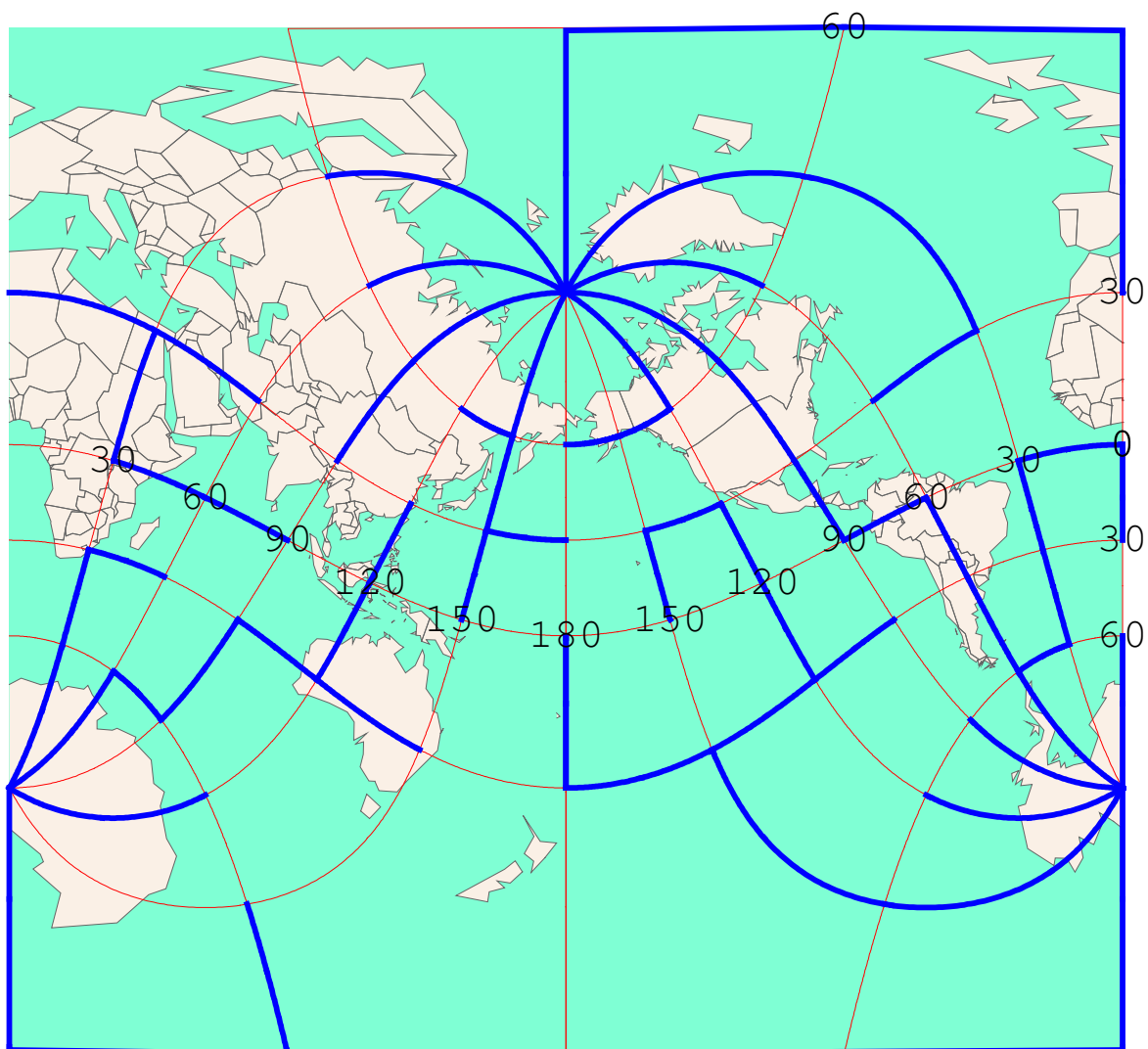
27.

Connect points: A{75 S, 105 W}, B{75 N, 135 W}
and points C{15 N, 75 E}, D{45 N, 105 W}



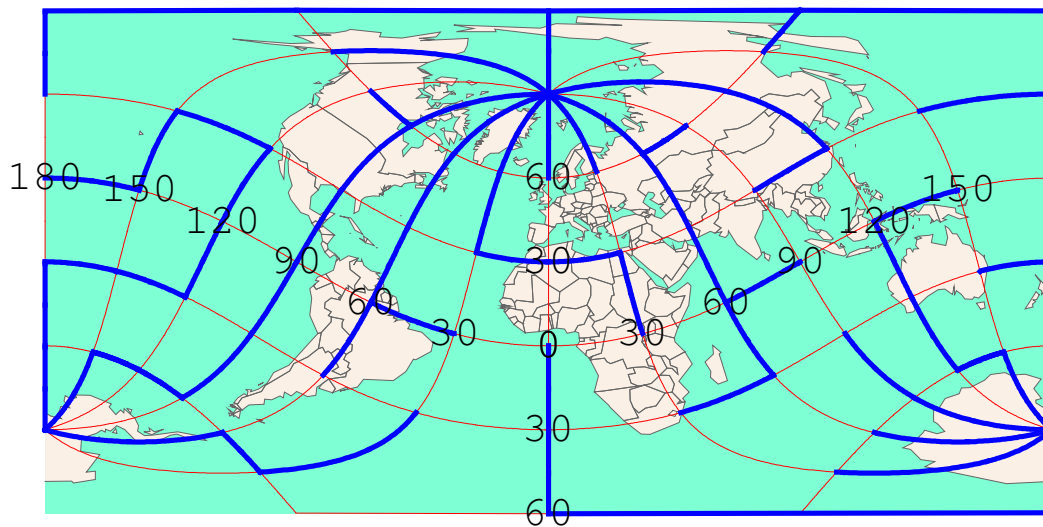
28.

Connect points: A{75 S, 135 W}, B{75 N, 45 W}
and points C{45 N, 15 E}, D{45 N, 15 E}



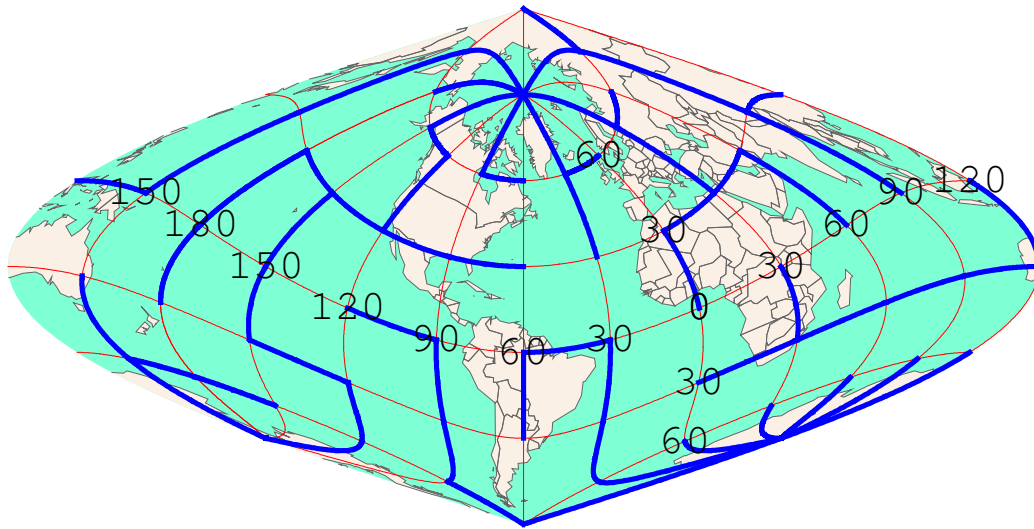
29.

Connect points: A{75 S, 165 W}, B{75 N, 75 W}
and points C{15 S, 15 E}, D{15 N, 105 E}



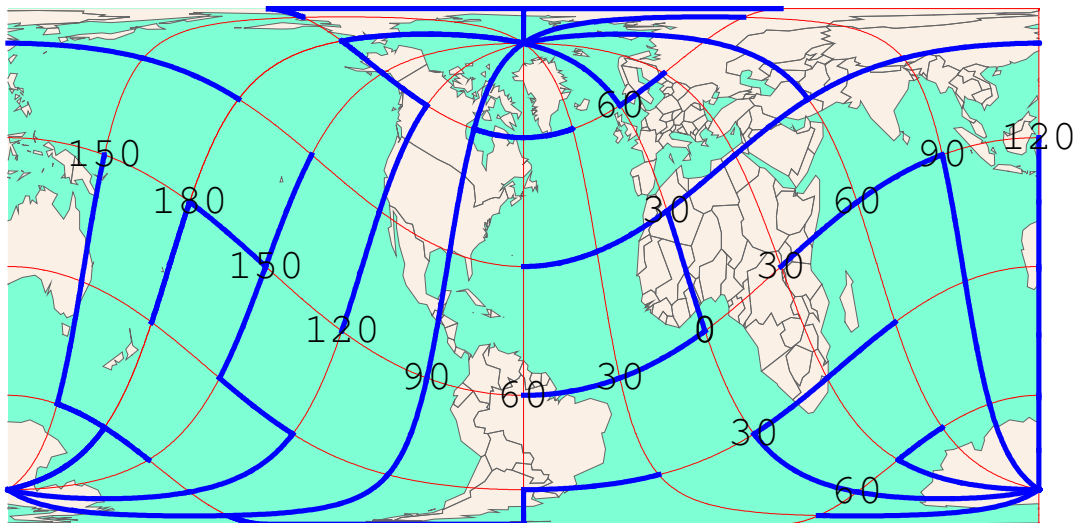
30.

Connect points: A{75 N, 105 E}, B{75 S, 165 E}
and points C{45 S, 45 W}, D{15 N, 15 E}



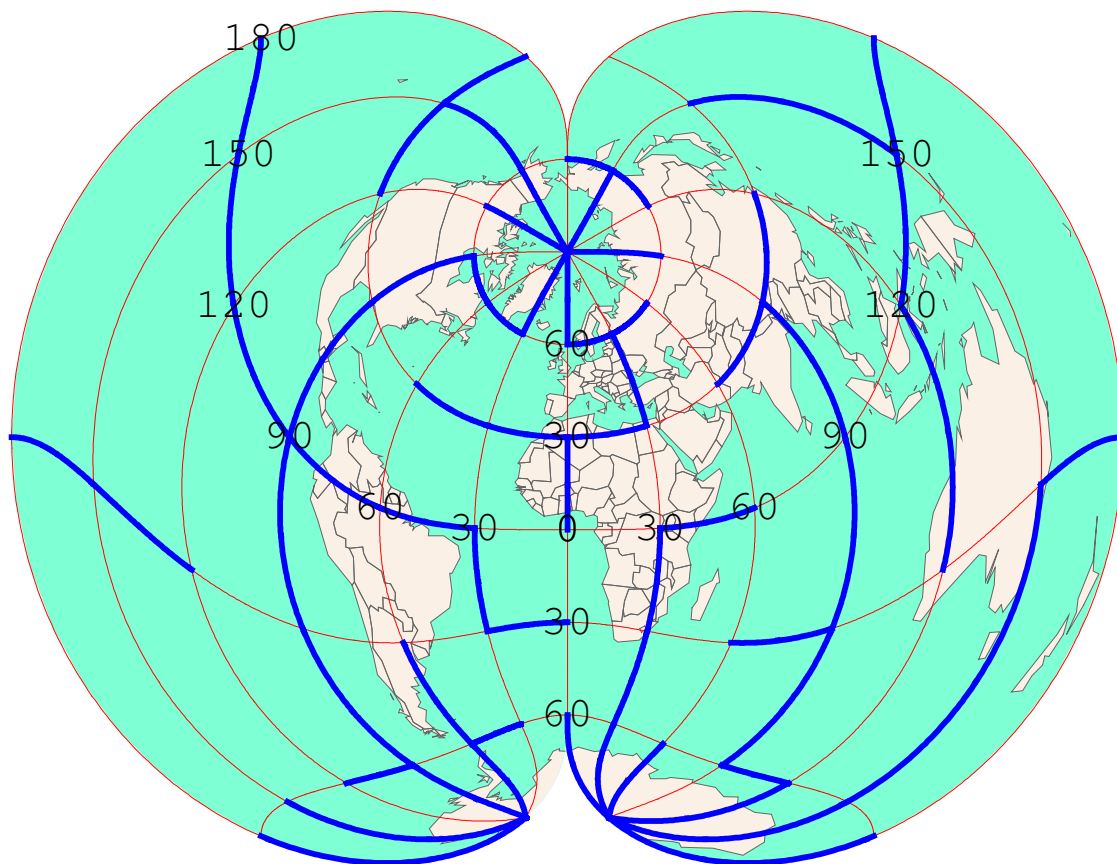
31.

Connect points: A{75 N, 165 W}, B{75 N, 15 E}
and points C{45 N, 45 E}, D{15 N, 75 W}



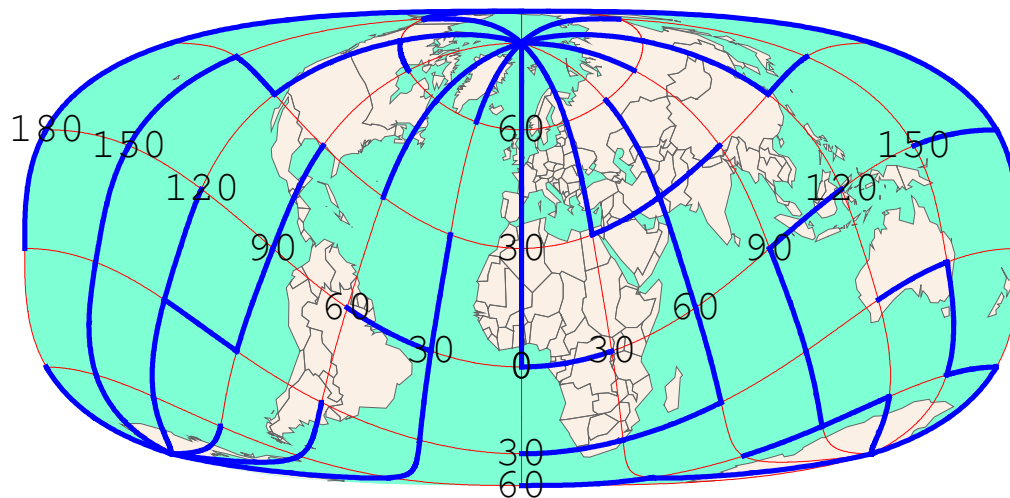
32.

Connect points: A{75 N, 15 W}, B{75 S, 165 E}
and points C{45 N, 45 E}, D{45 N, 75 E}



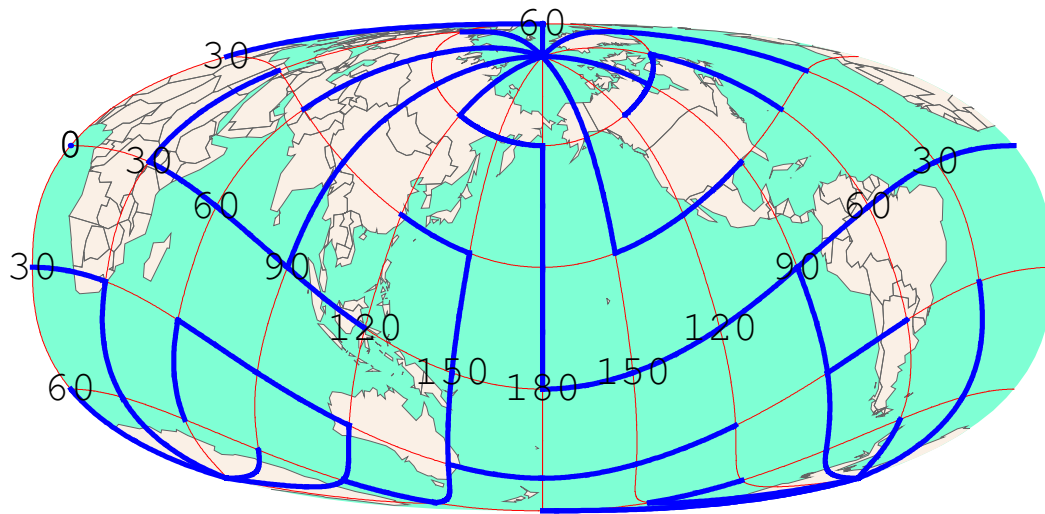
33.

Connect points: A{75 N, 135 W}, B{75 S, 135 W}
and points C{15 N, 75 W}, D{45 N, 15 E}



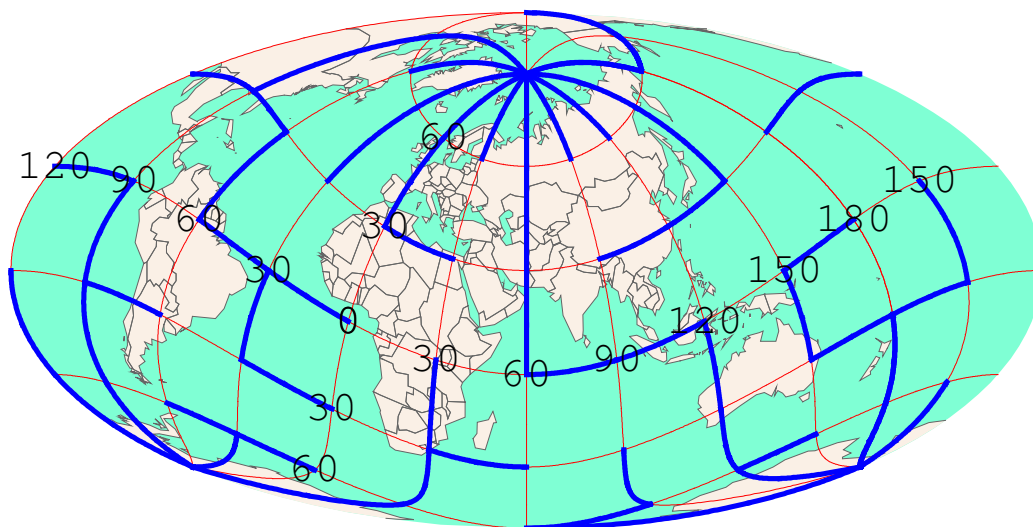
34.

Connect points: A{75 S, 135 E}, B{75 N, 135 E}
and points C{15 N, 45 W}, D{45 N, 105 W}



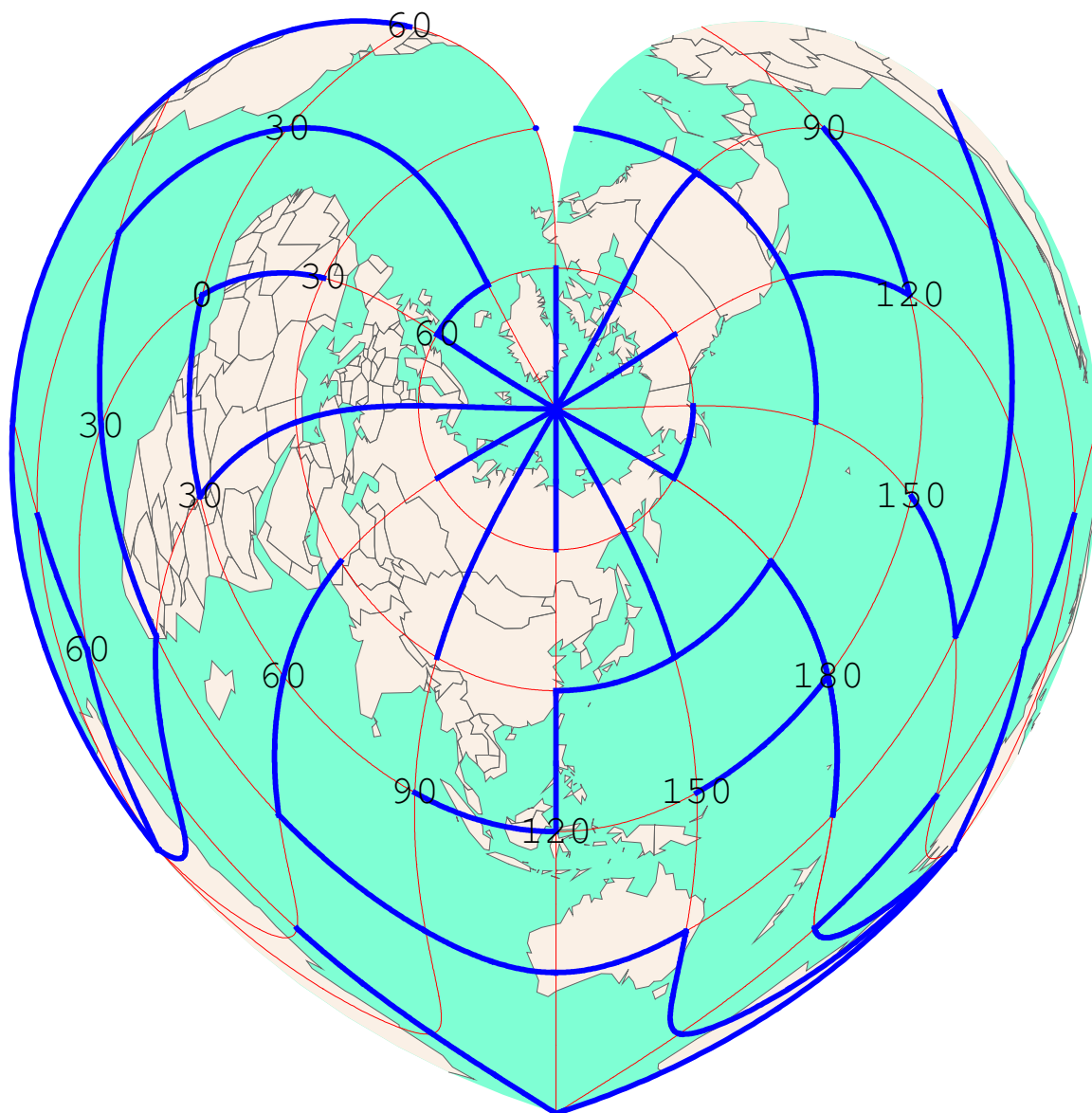
35.

Connect points: A{75 N, 135 E}, B{75 S, 75 E}
and points C{45 N, 45 E}, D{45 N, 45 E}



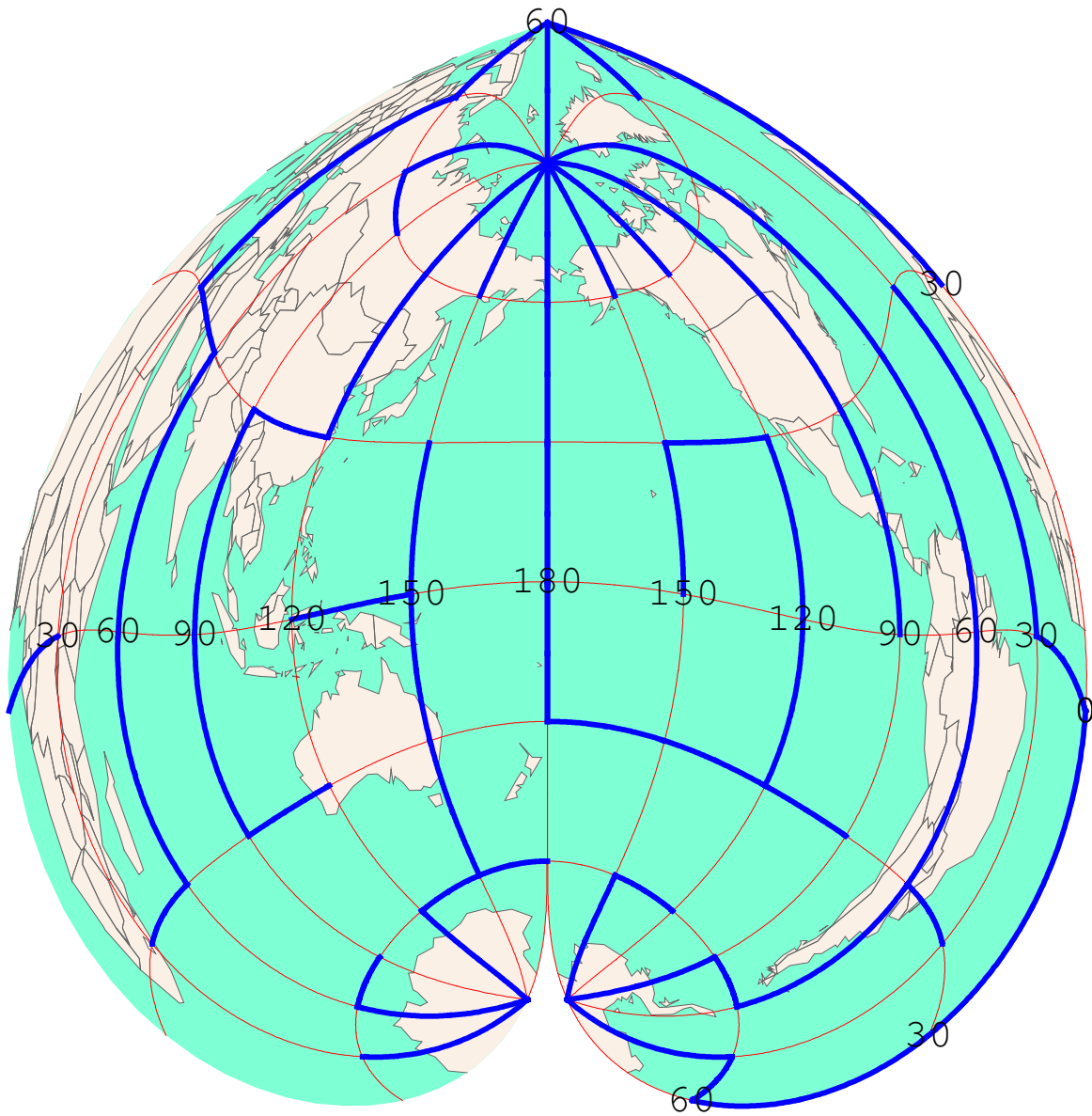
36.

Connect points: A{75 S, 15 E}, B{15 N, 15 E}
and points C{45 N, 15 E}, D{45 N, 135 W}



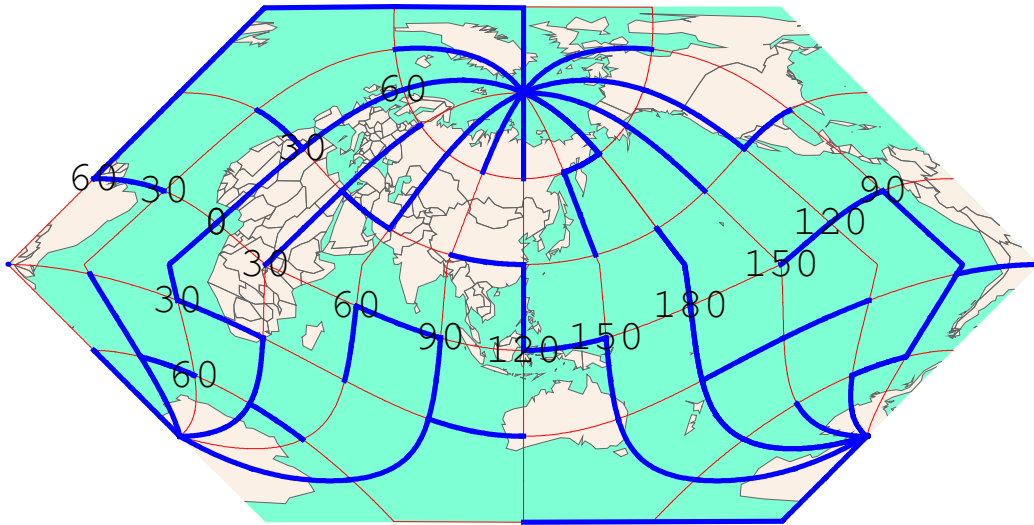
37.

Connect points: A{15 N, 135 W}, B{75 S, 75 W}
and points C{15 N, 45 E}, D{75 N, 15 W}



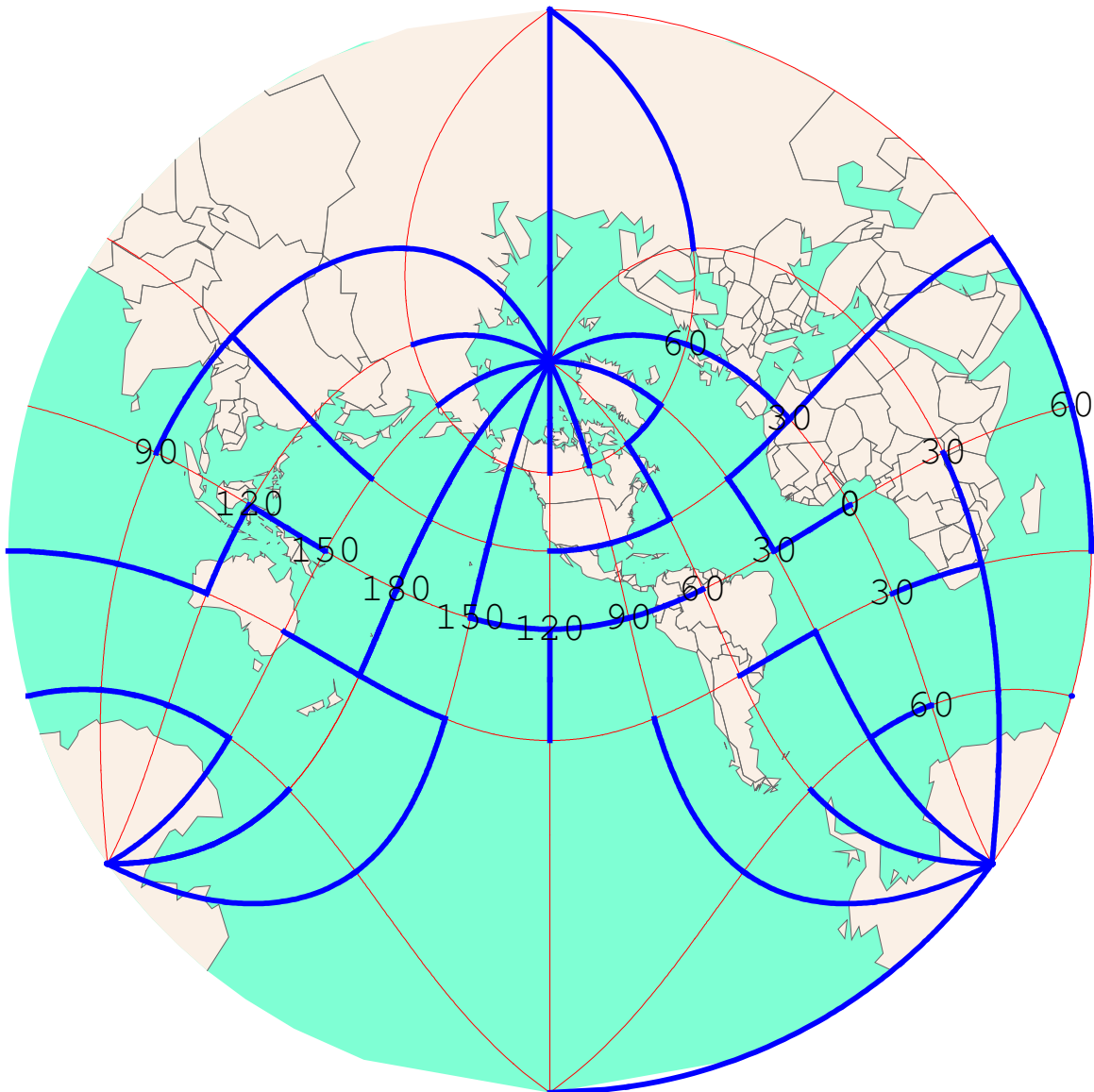
38.

Connect points: A{75 N, 15 W}, B{45 N, 45 E}
and points C{45 N, 75 E}, D{45 N, 15 W}



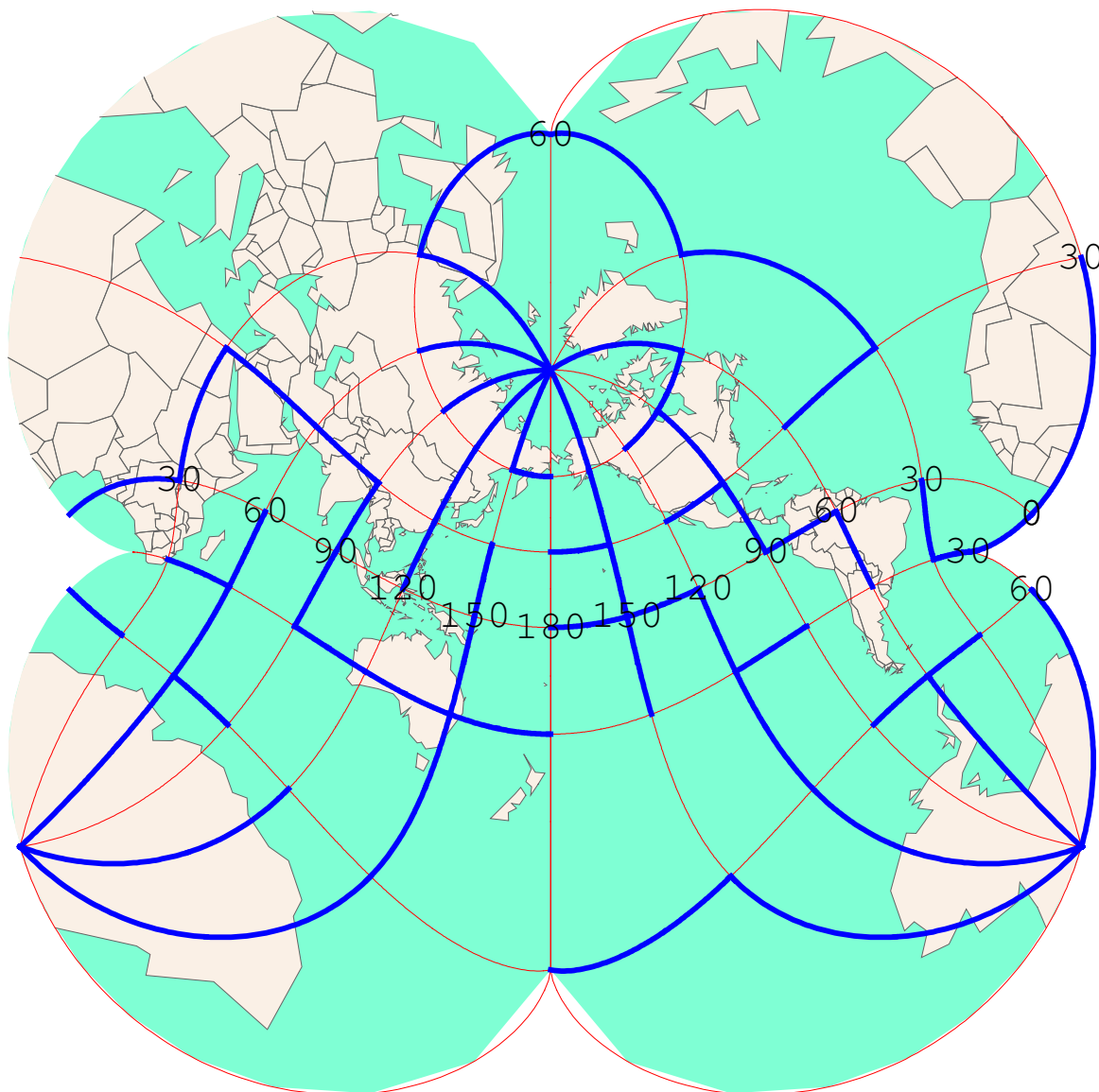
39.

Connect points: A{75 N, 45 E}, B{75 N, 165 W}
and points C{45 N, 15 E}, D{45 N, 15 E}



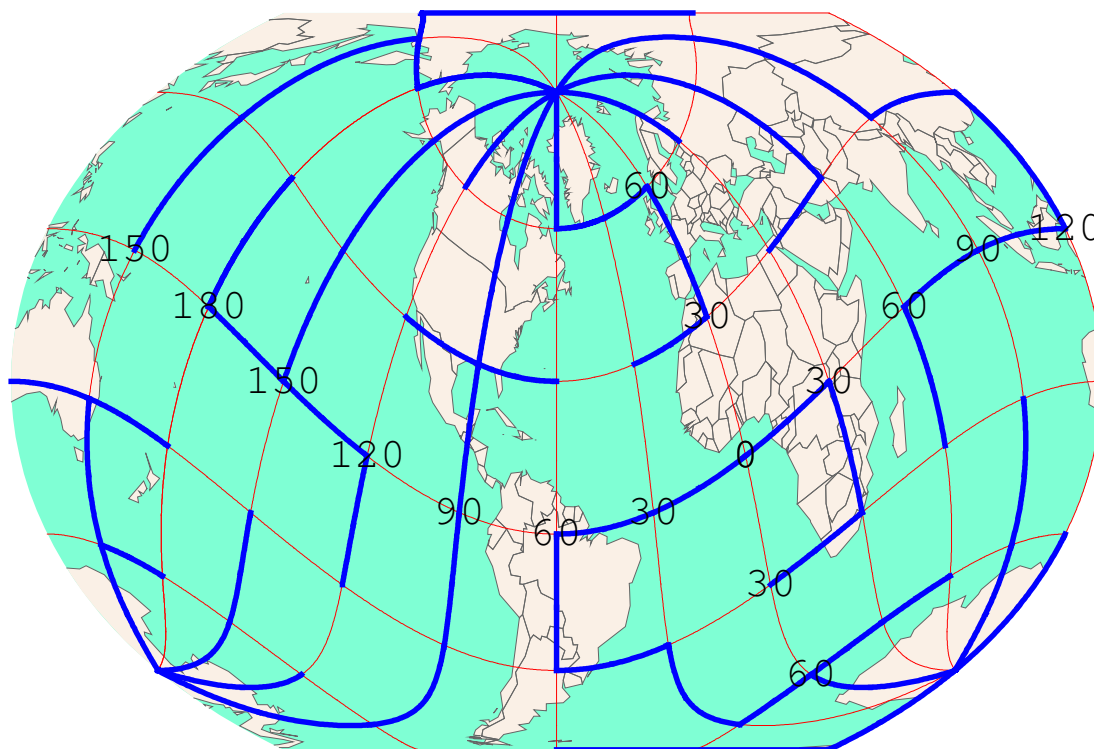
40.

Connect points: A{75 S, 165 W}, B{75 S, 135 E}
and points C{15 N, 15 W}, D{15 N, 75 W}



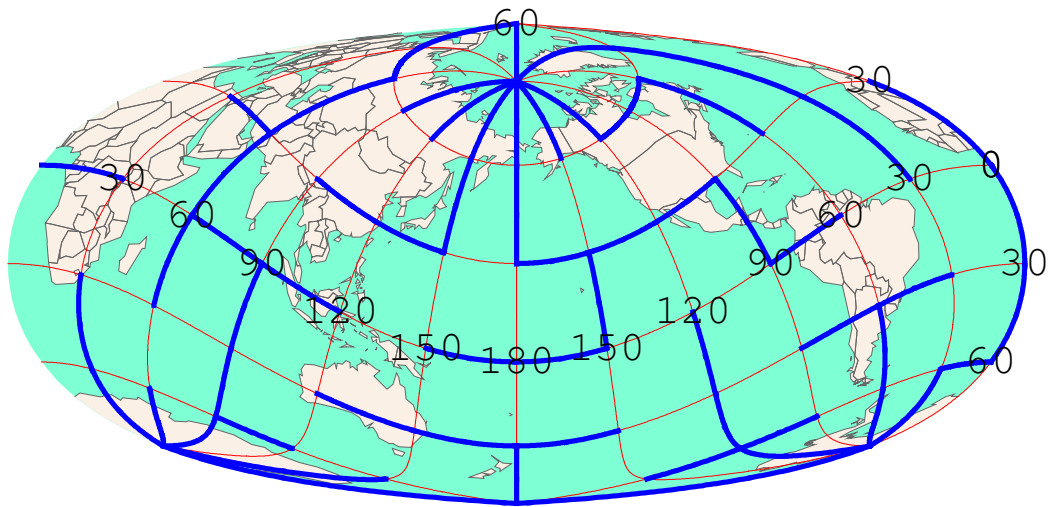
41.

Connect points: A{75 N, 105 W}, B{75 S, 15 W}
and points C{45 N, 75 E}, D{15 N, 45 E}



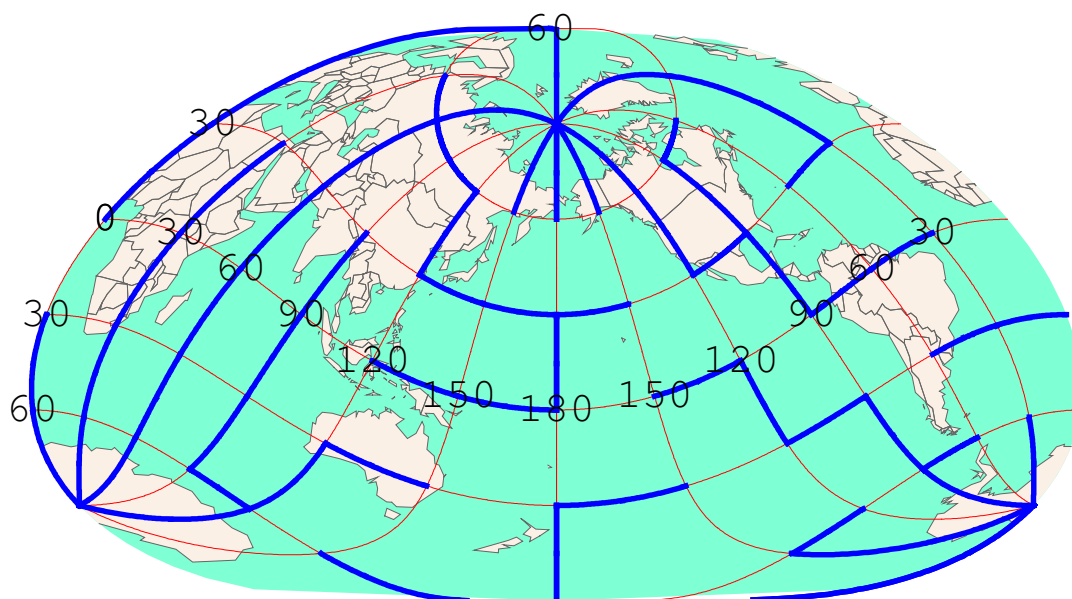
42.

Connect points: A{75 S, 15 W}, B{75 N, 135 E}
and points C{15 N, 15 E}, D{15 N, 75 W}



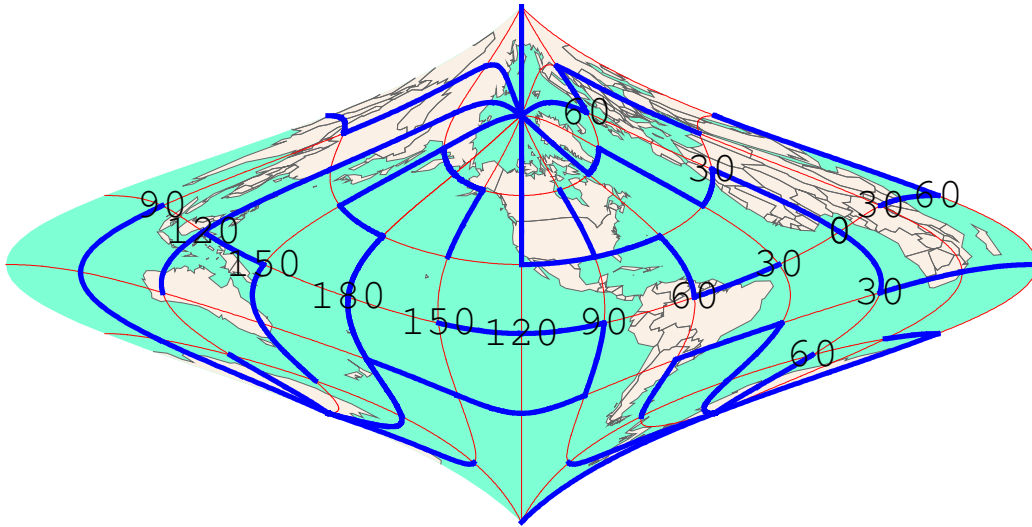
43.

Connect points: A{75 S, 105 E}, B{45 N, 105 W}
and points C{15 N, 15 W}, D{45 N, 75 W}



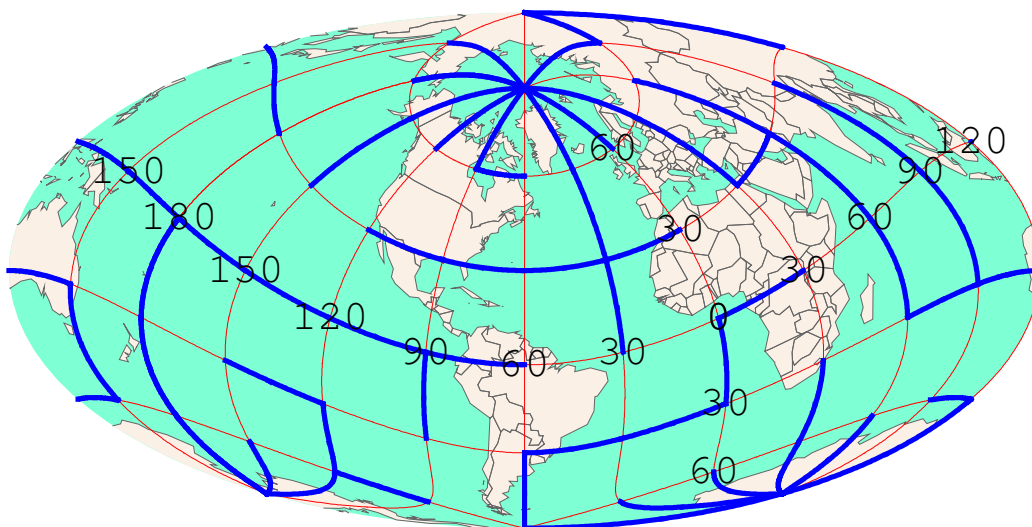
44.

Connect points: A{75 N, 165 E}, B{75 N, 135 E}
and points C{45 N, 15 E}, D{45 N, 15 E}



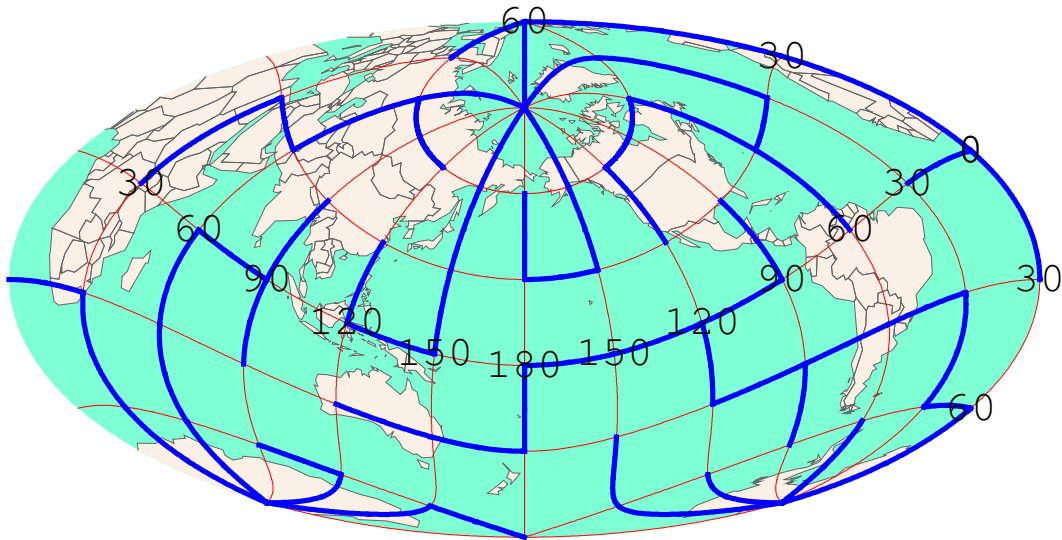
45.

Connect points: A{75 S, 45 W}, B{75 S, 135 E}
and points C{15 N, 45 E}, D{45 N, 105 E}



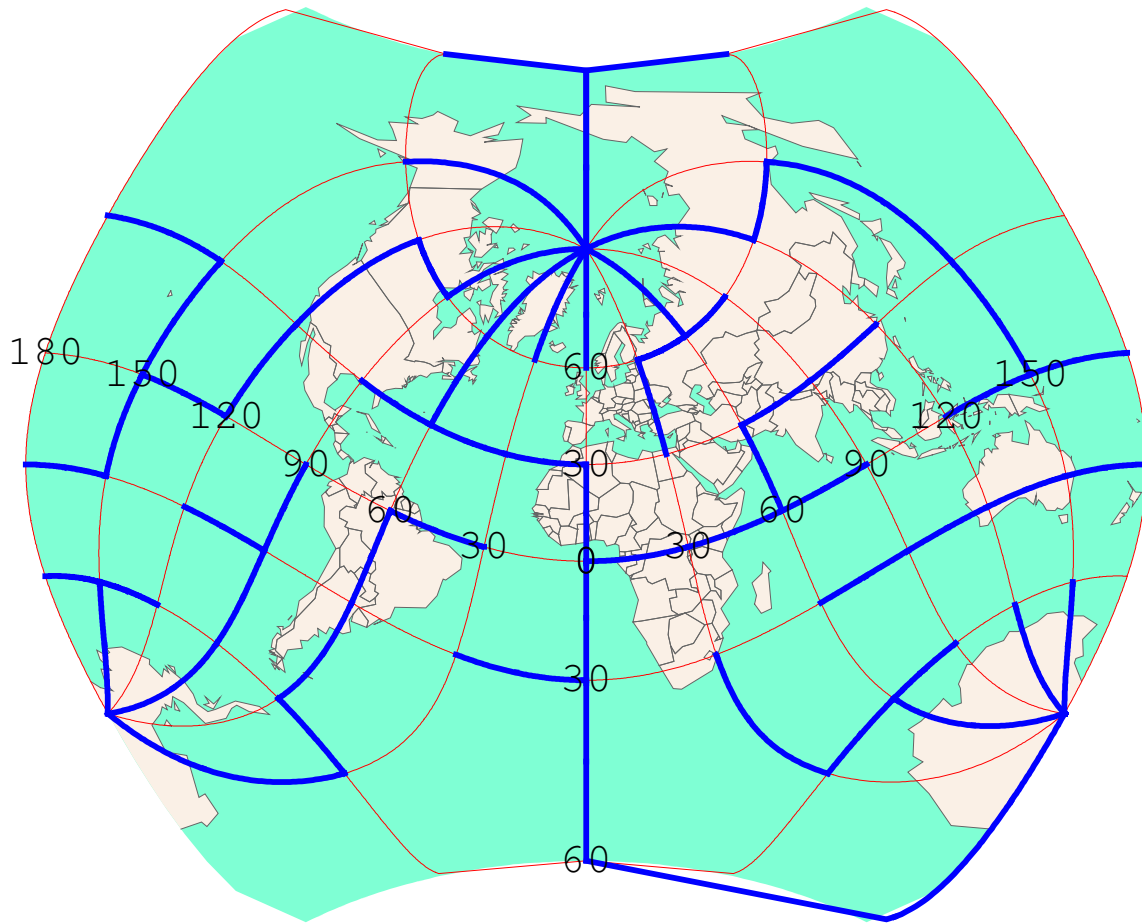
46.

Connect points: A{75 S, 15 E}, B{75 S, 15 W}
and points C{45 N, 15 E}, D{75 N, 15 E}



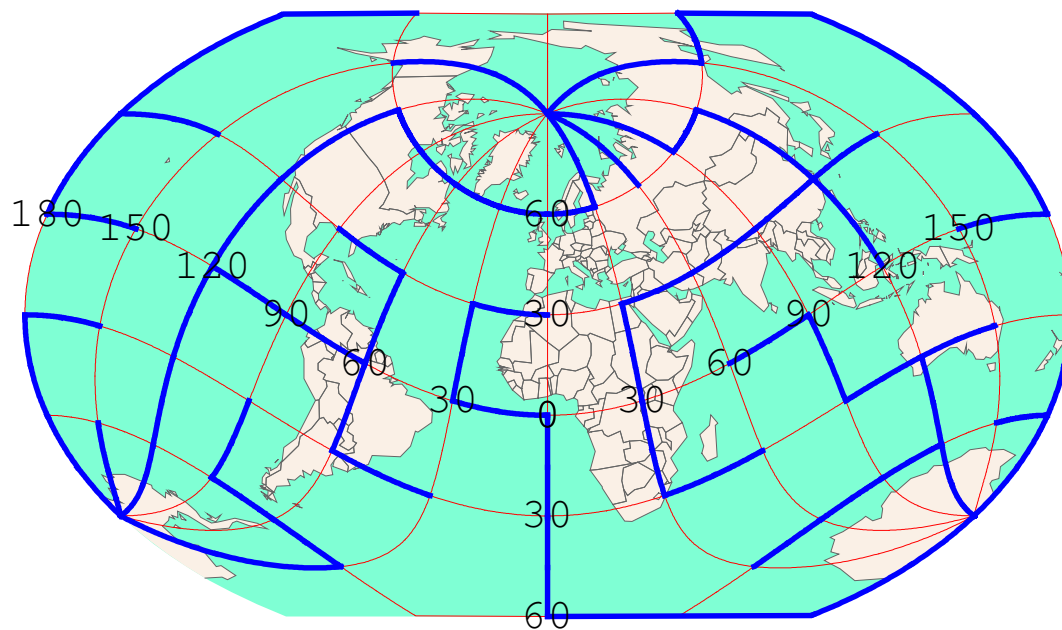
47.

Connect points: A{75 N, 45 W}, B{75 S, 15 W}
and points C{15 S, 15 E}, D{45 N, 15 E}



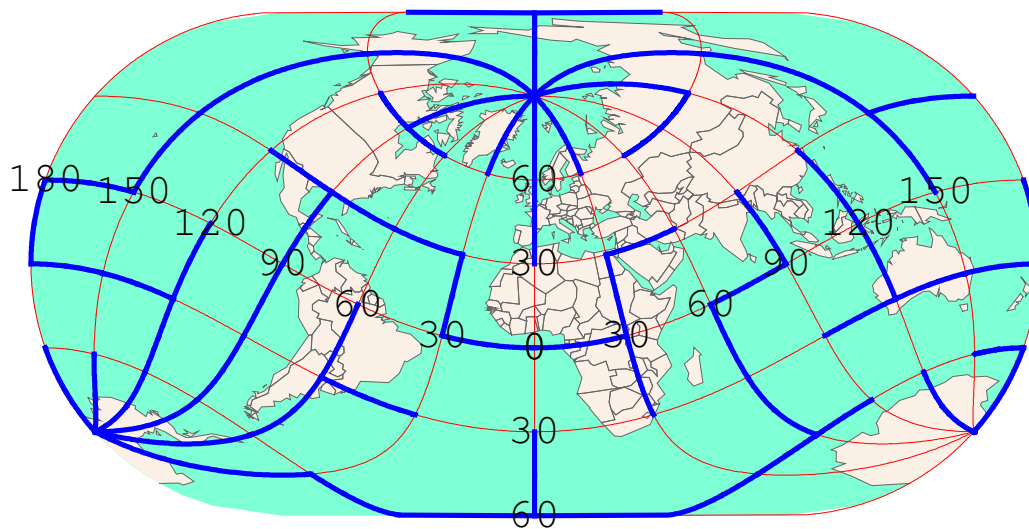
48.

Connect points: A{75 N, 15 E}, B{75 S, 45 W}
and points C{45 N, 15 W}, D{45 N, 15 E}



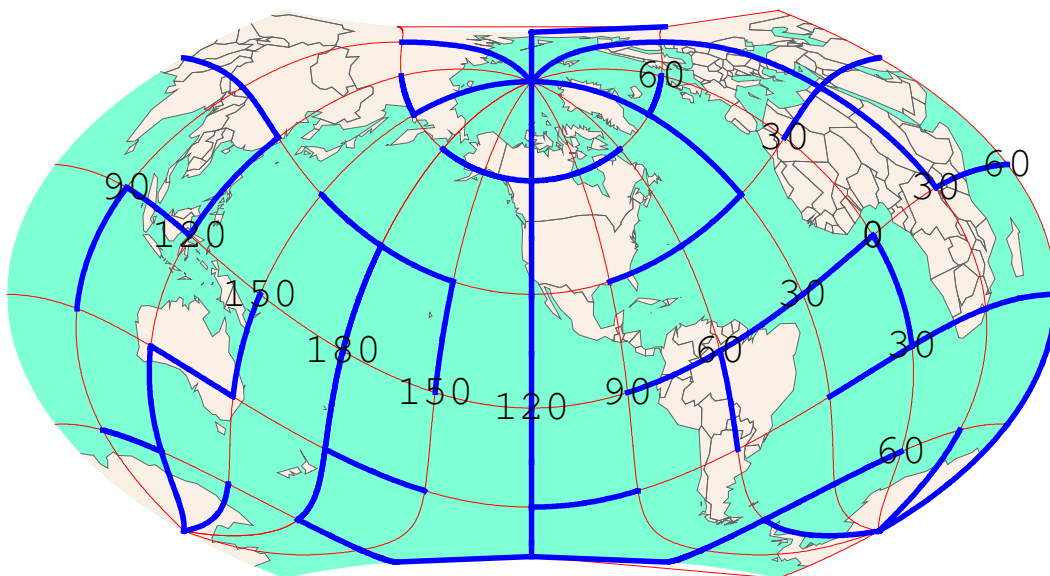
49.

Connect points: A{75 S, 105 W}, B{75 S, 75 W}
and points C{45 N, 15 E}, D{45 N, 135 E}



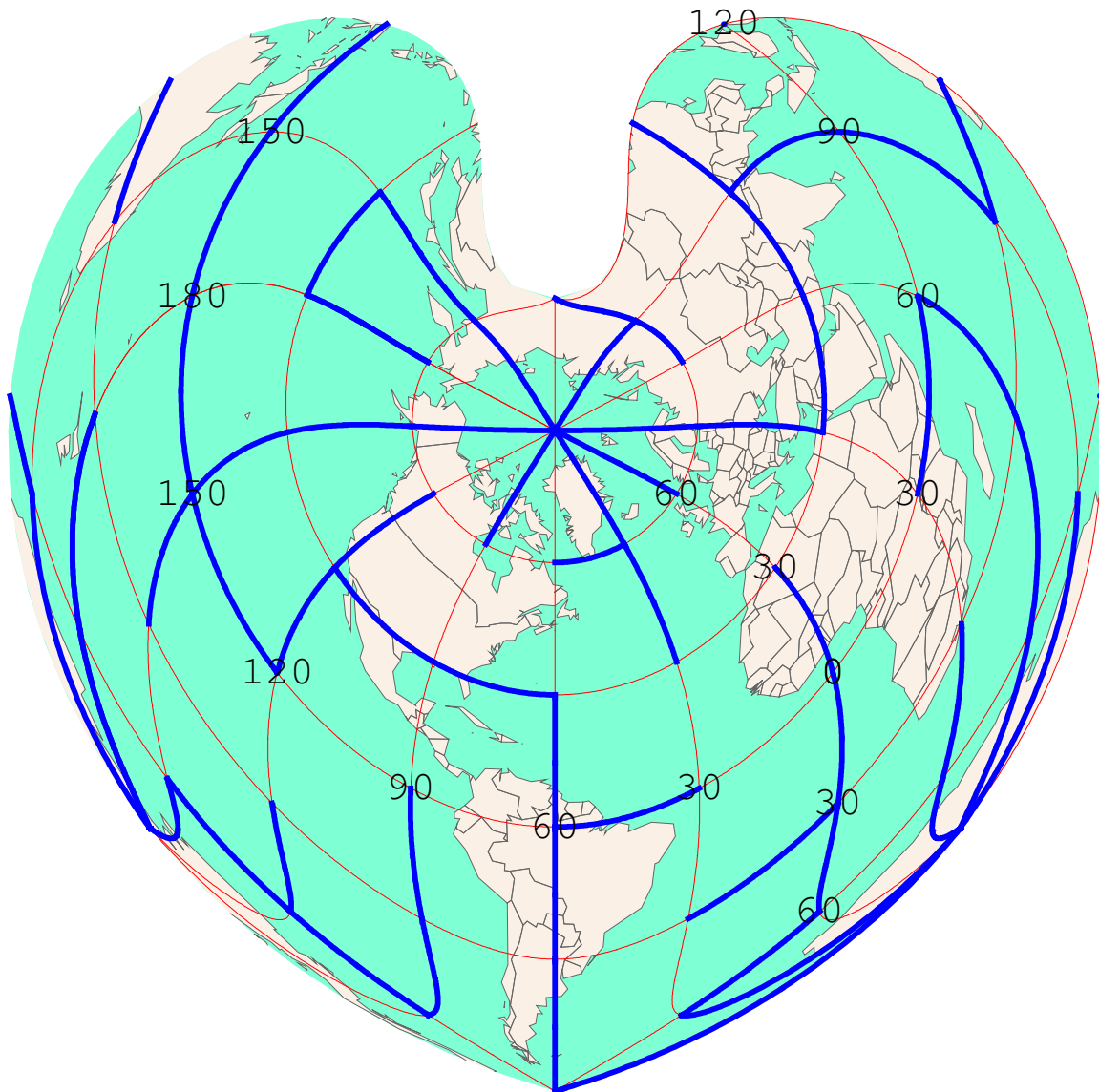
50.

Connect points: A{75 S, 45 W}, B{45 S, 165 W}
and points C{15 S, 15 E}, D{15 N, 75 W}



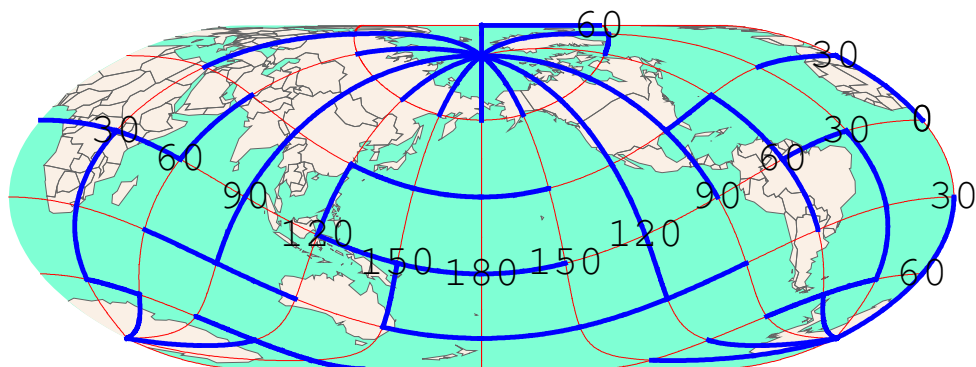
51.

Connect points: A{75 S, 135 W}, B{15 N, 135 W}
and points C{15 N, 15 W}, D{15 S, 165 E}



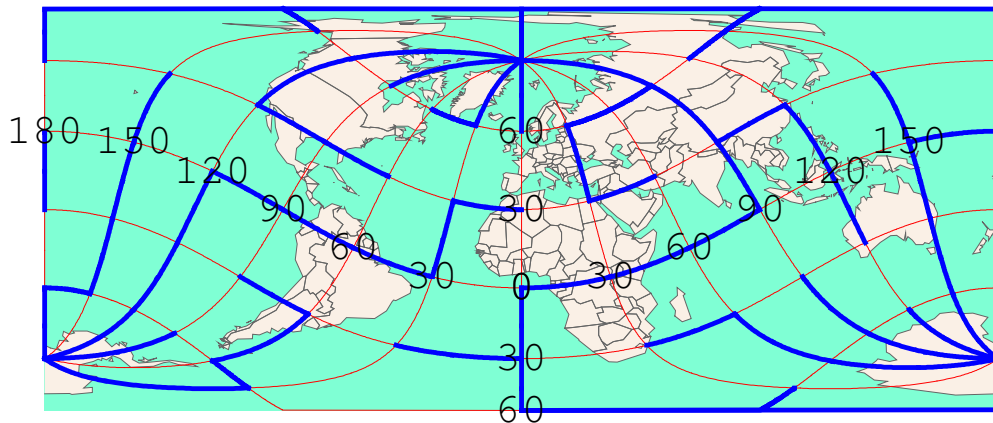
52.

Connect points: A{15 N, 135 E}, B{75 S, 45 E}
and points C{15 N, 75 E}, D{15 N, 75 W}



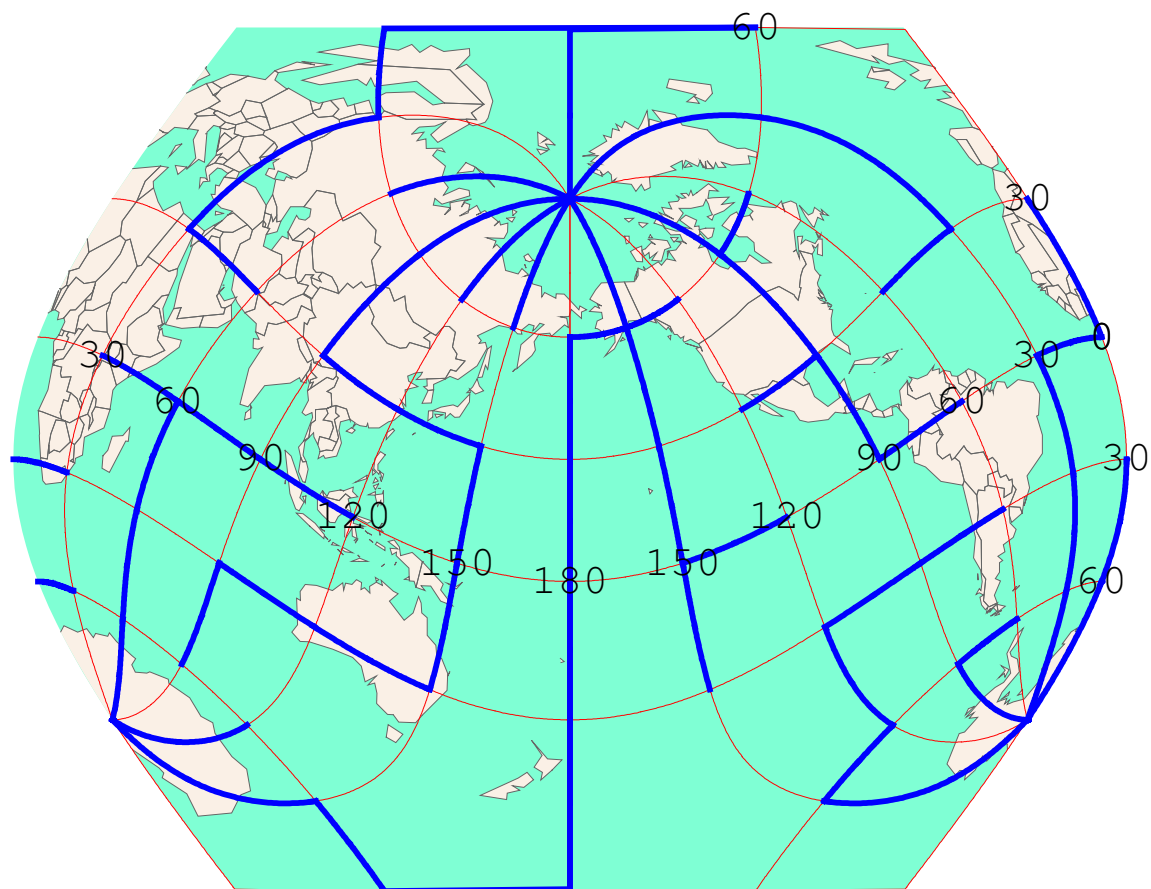
53.

Connect points: A{75 S, 15 E}, B{75 S, 45 W}
and points C{45 S, 165 E}, D{45 N, 105 E}



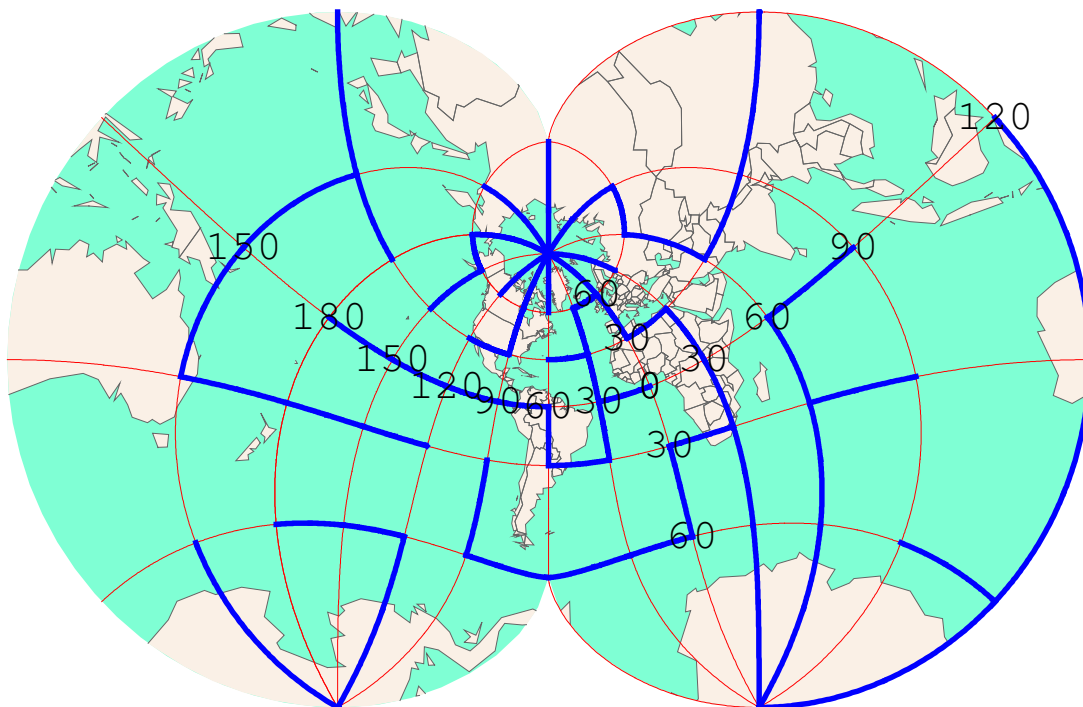
54.

Connect points: A{75 N, 105 E}, B{75 N, 135 W}
and points C{45 N, 15 E}, D{45 S, 165 E}



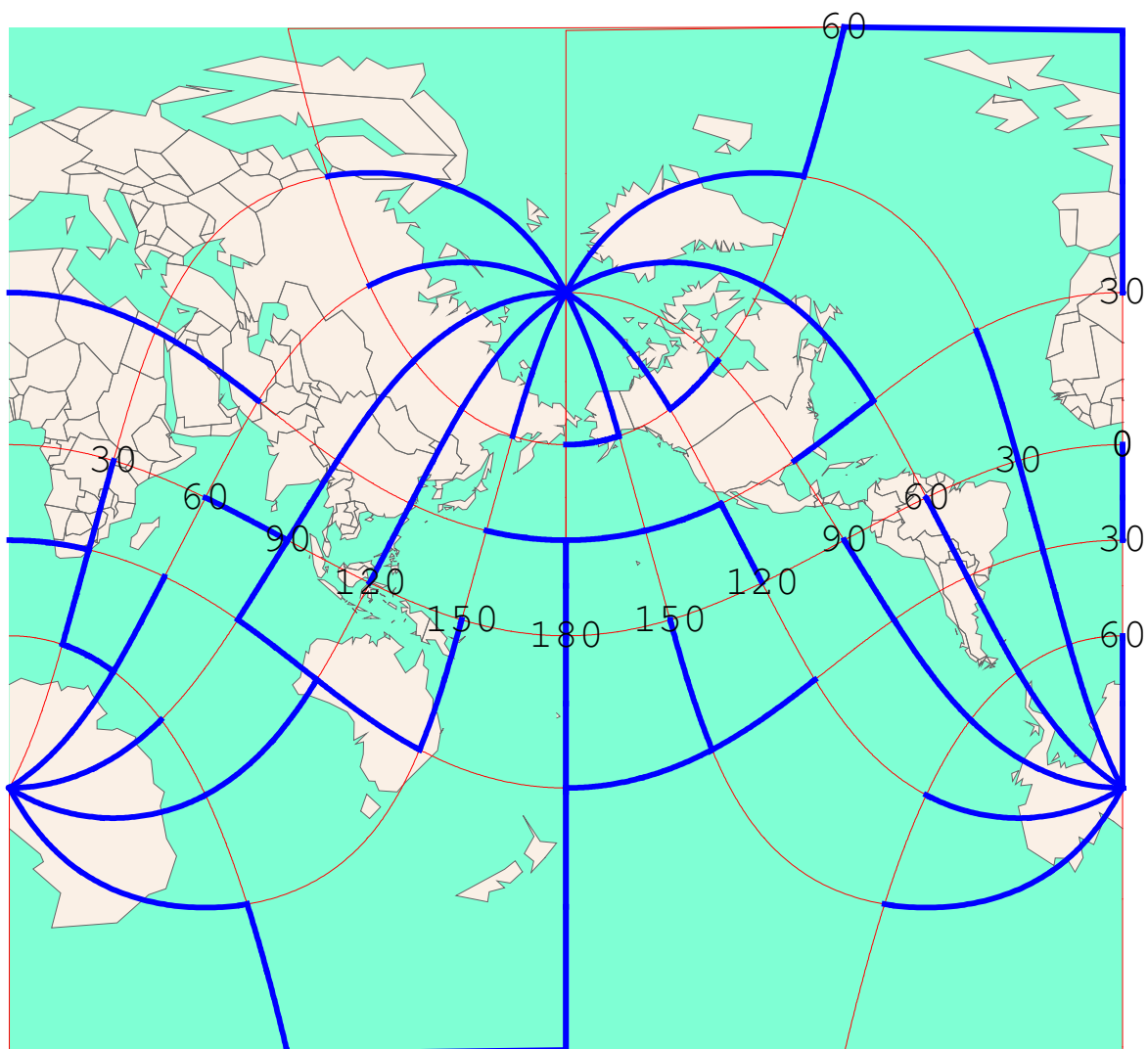
55.

Connect points: A{75 N, 15 W}, B{75 S, 105 E}
and points C{15 N, 15 W}, D{15 S, 165 E}



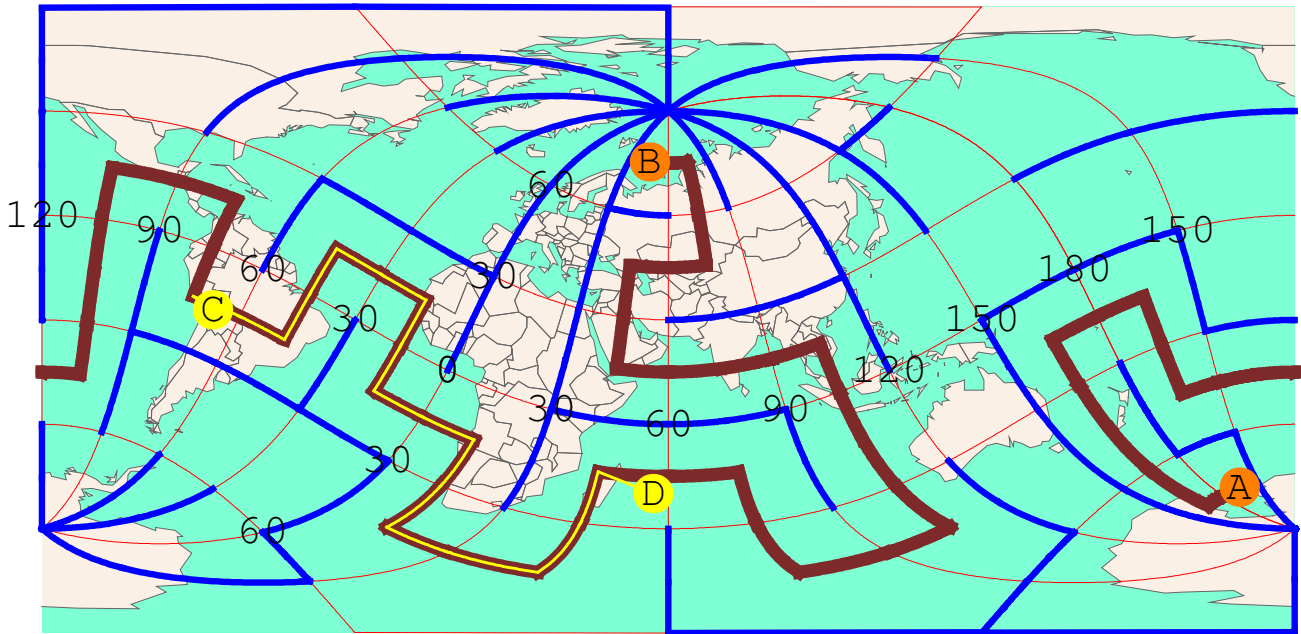
56.

Connect points: A{75 N, 15 W}, B{75 S, 135 E}
and points C{45 N, 105 E}, D{45 N, 105 W}



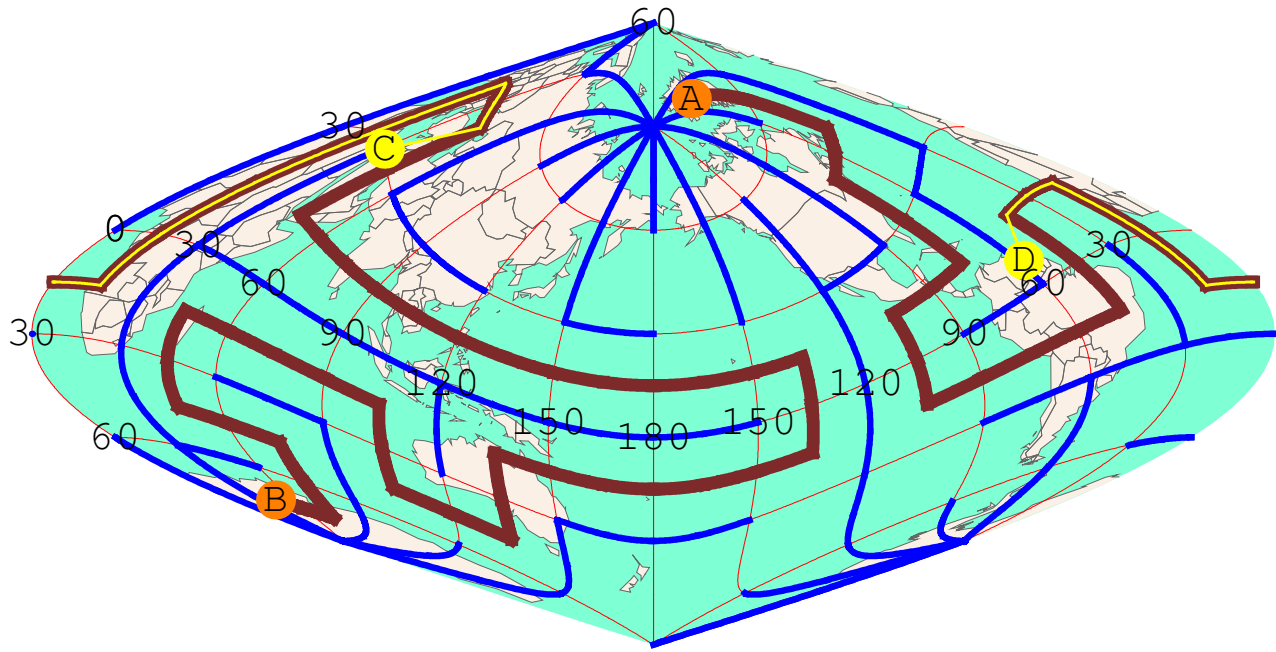
Solutions

1.

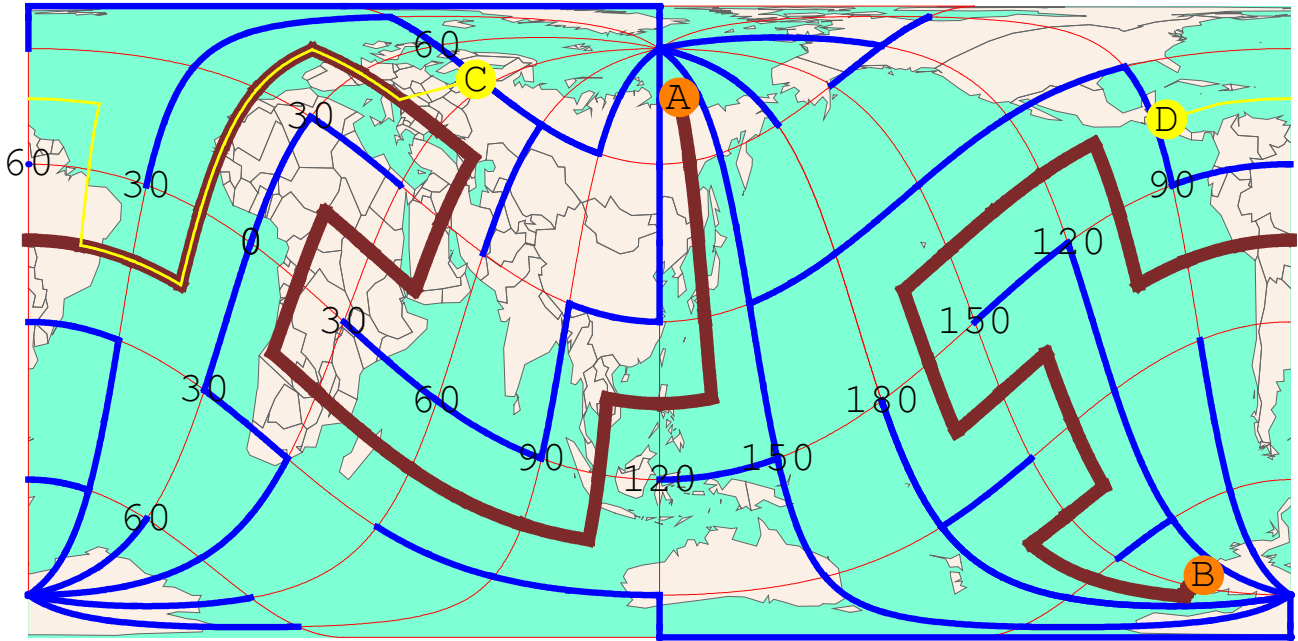


2.

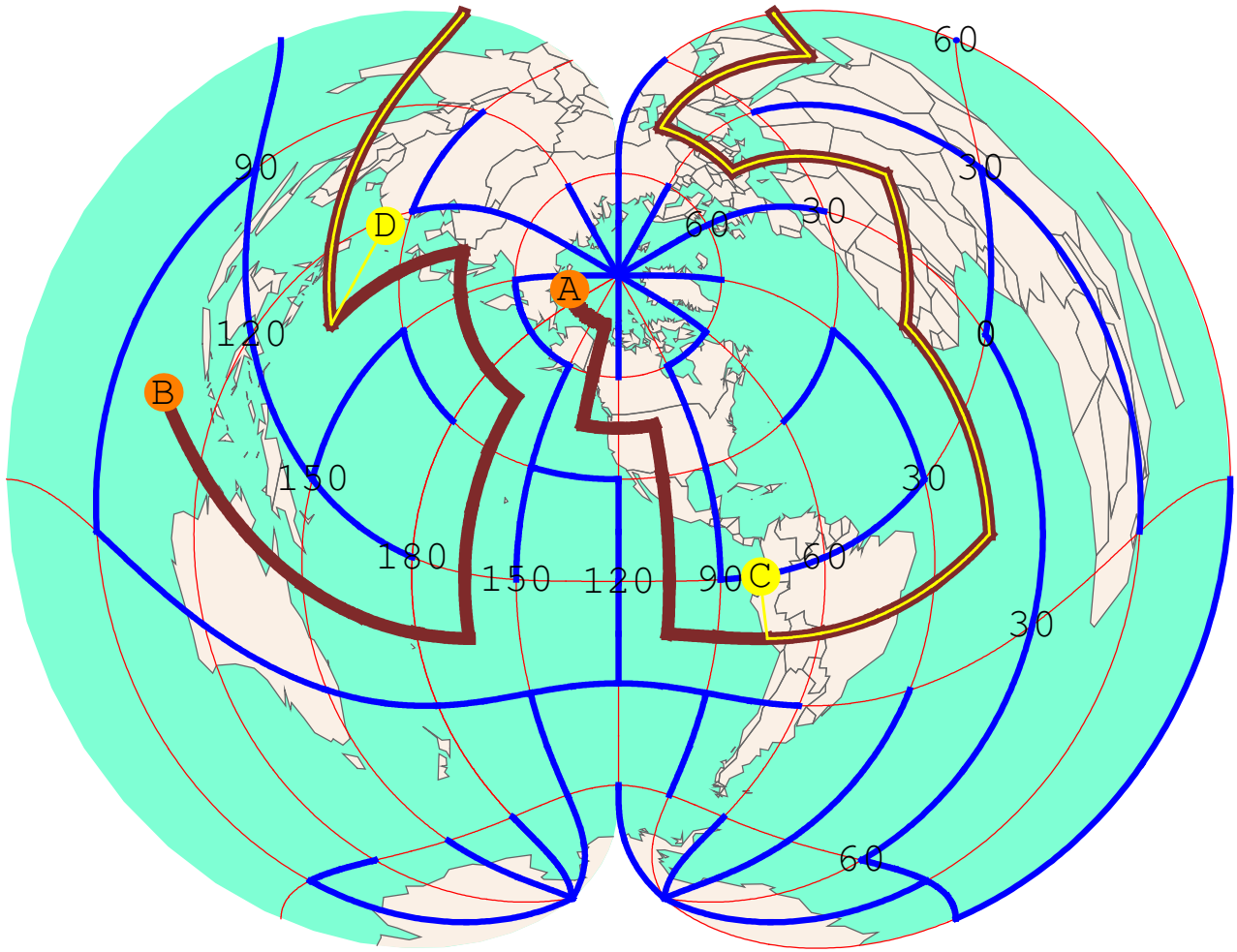
2.



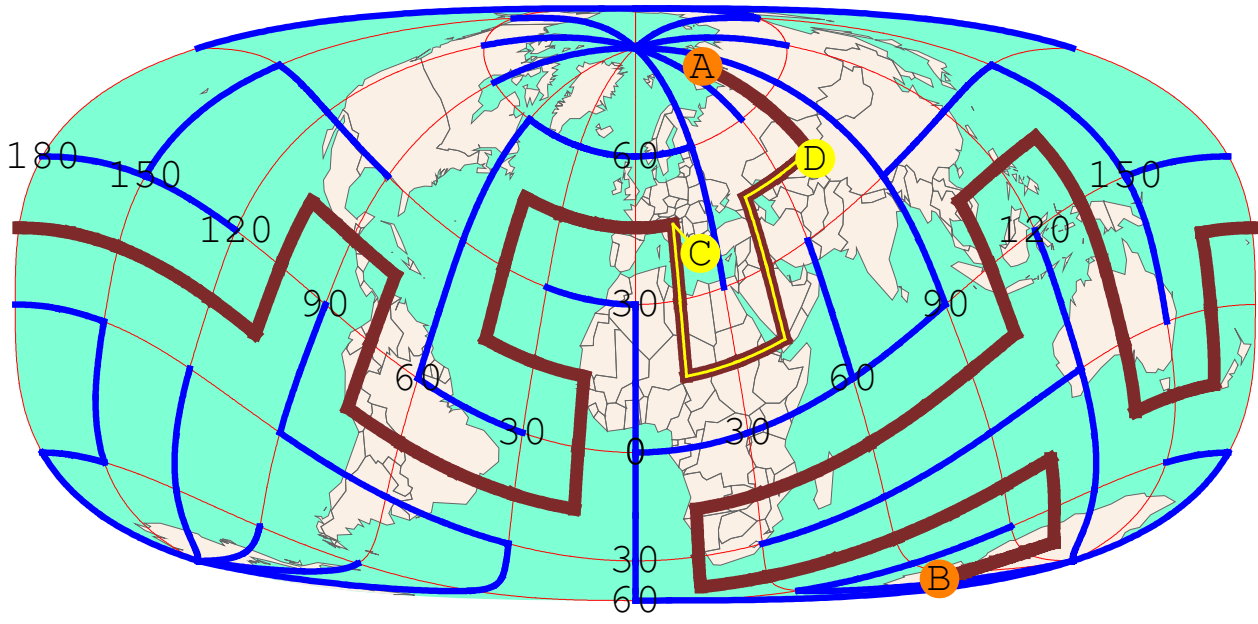
3.



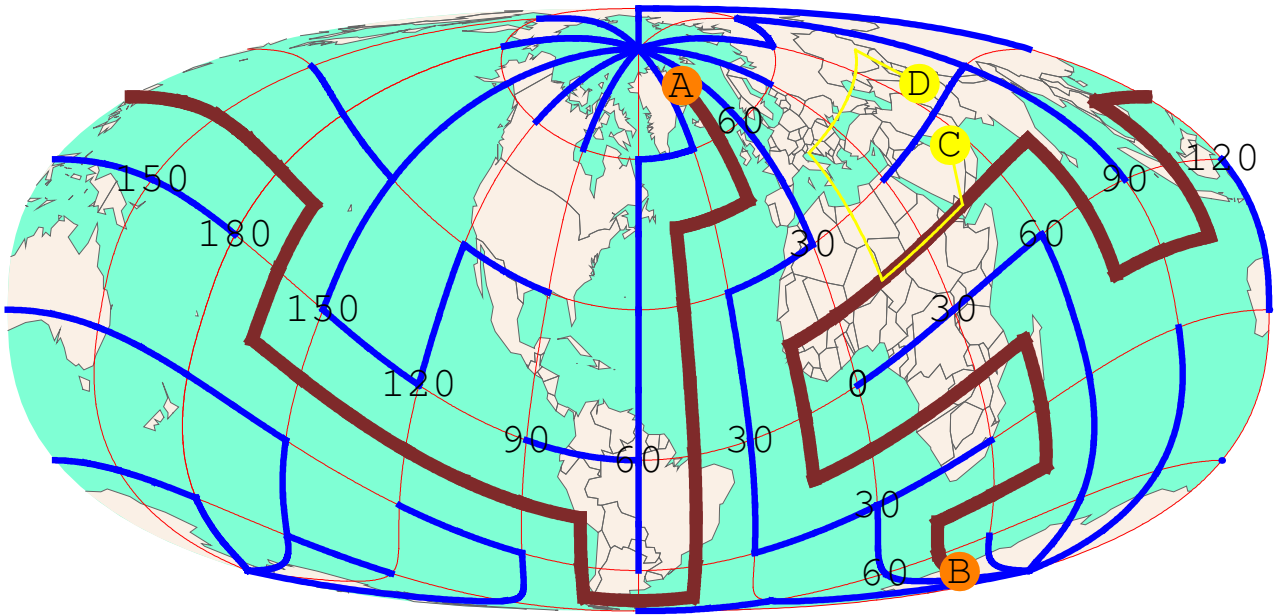
4.



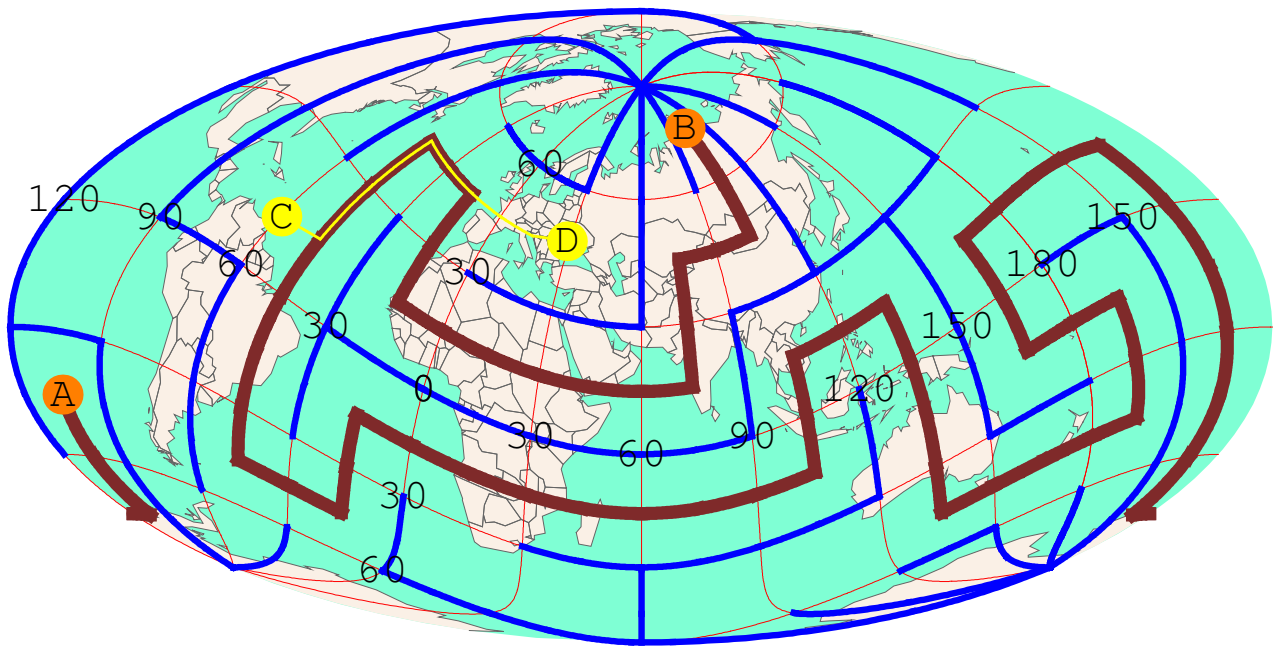
5.



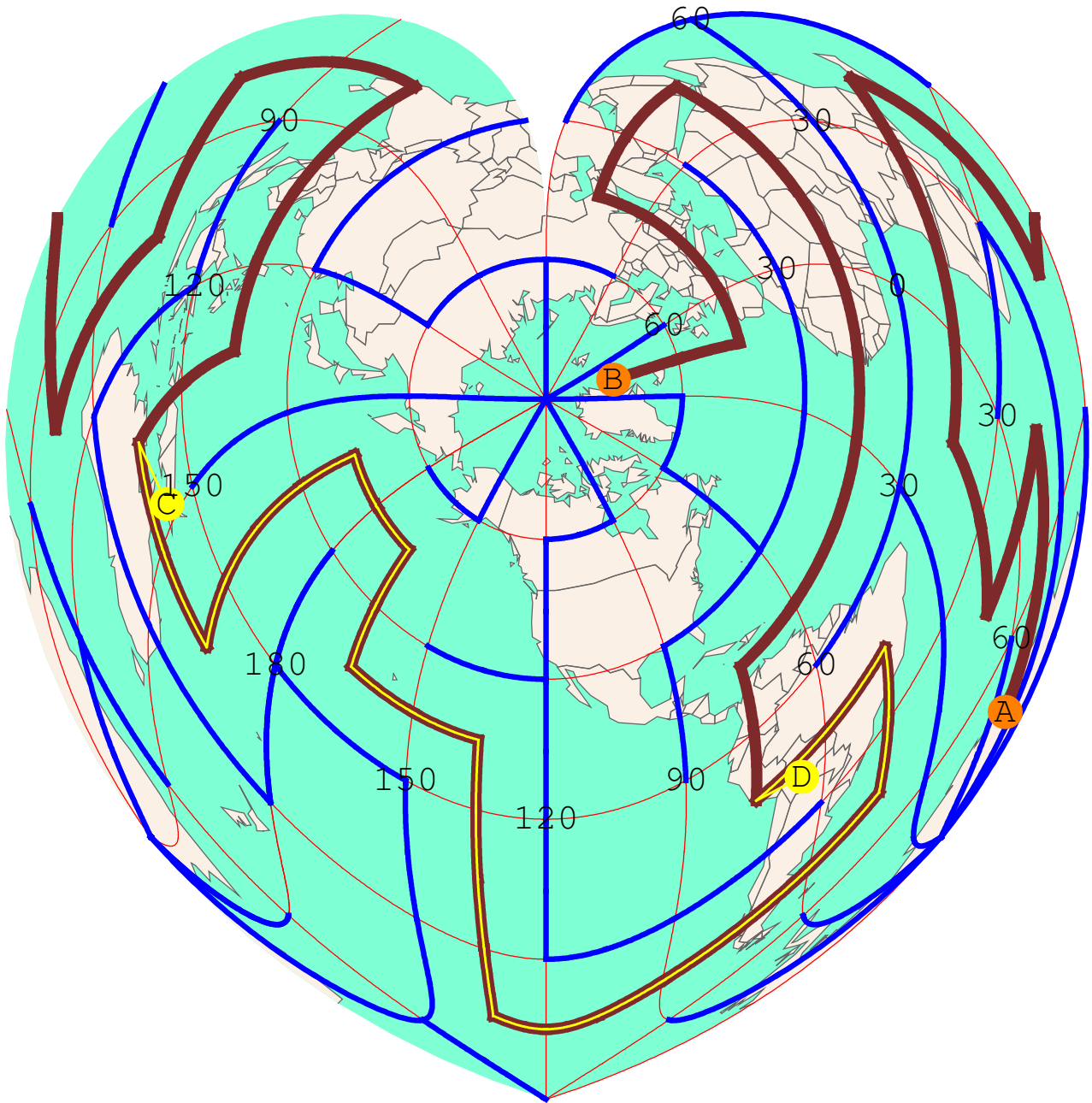
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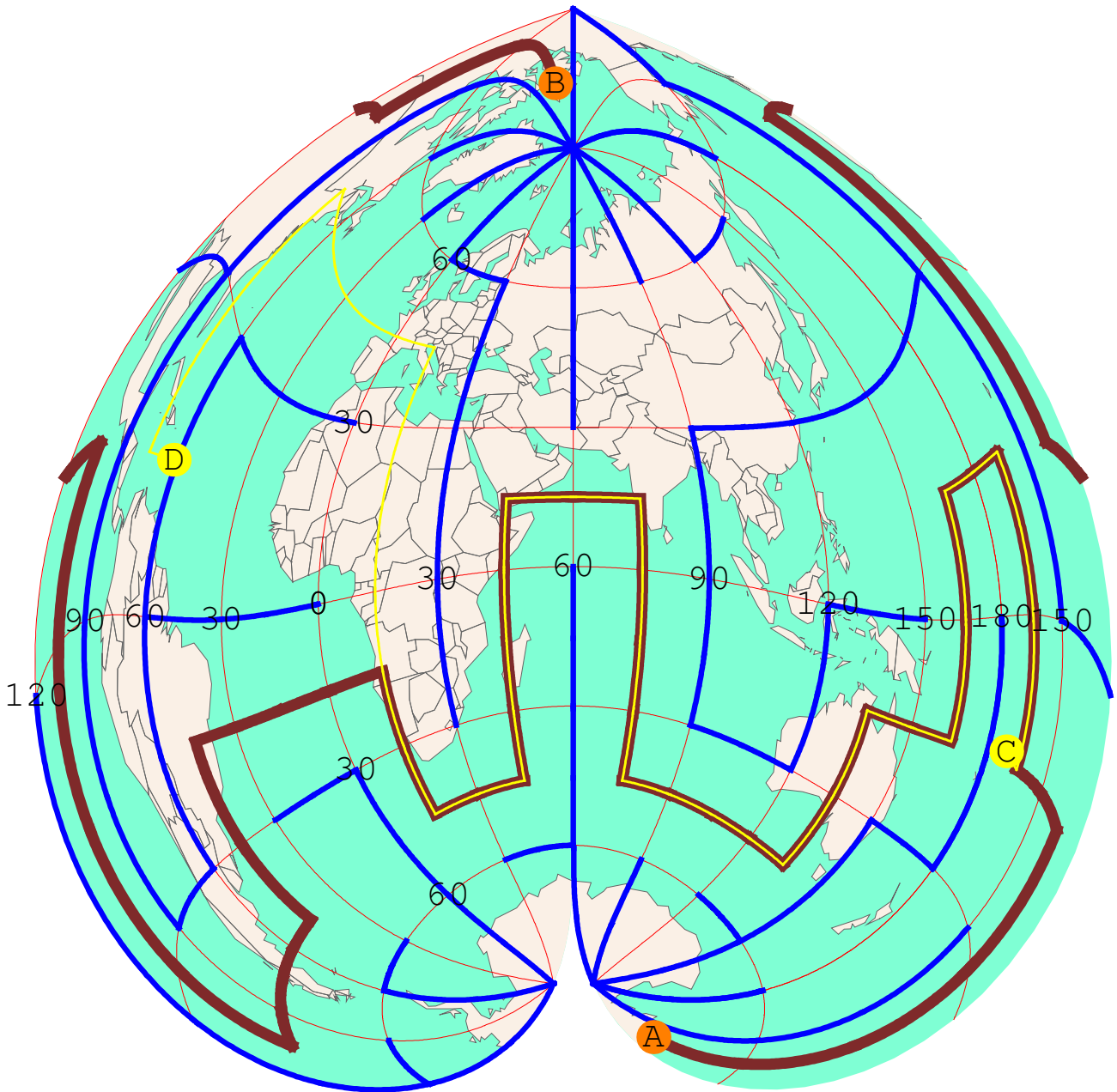
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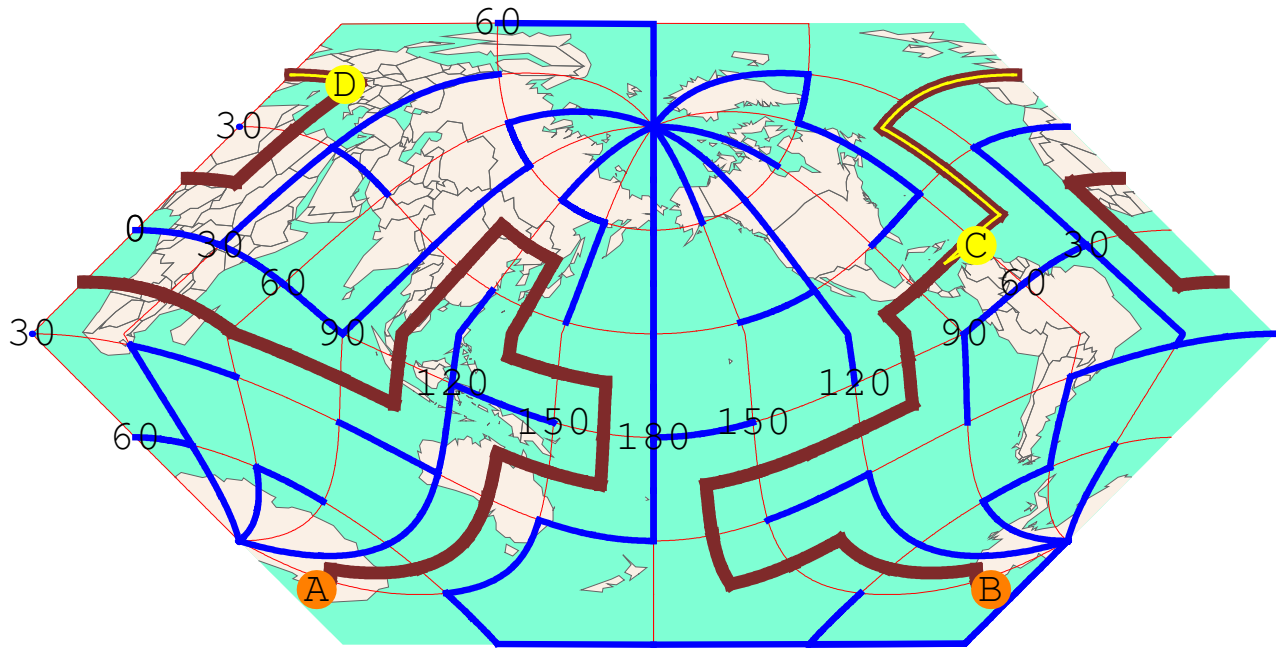
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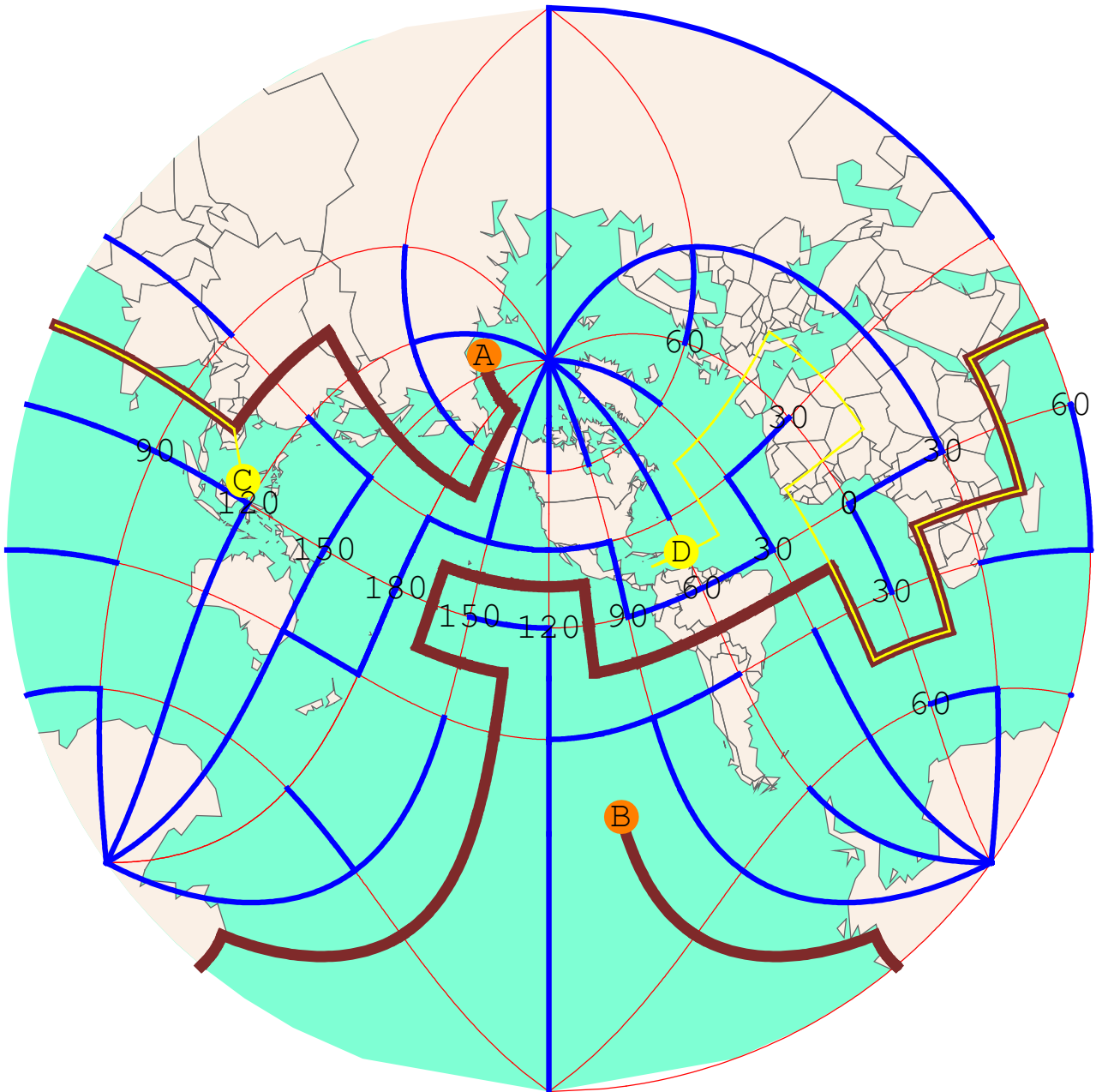
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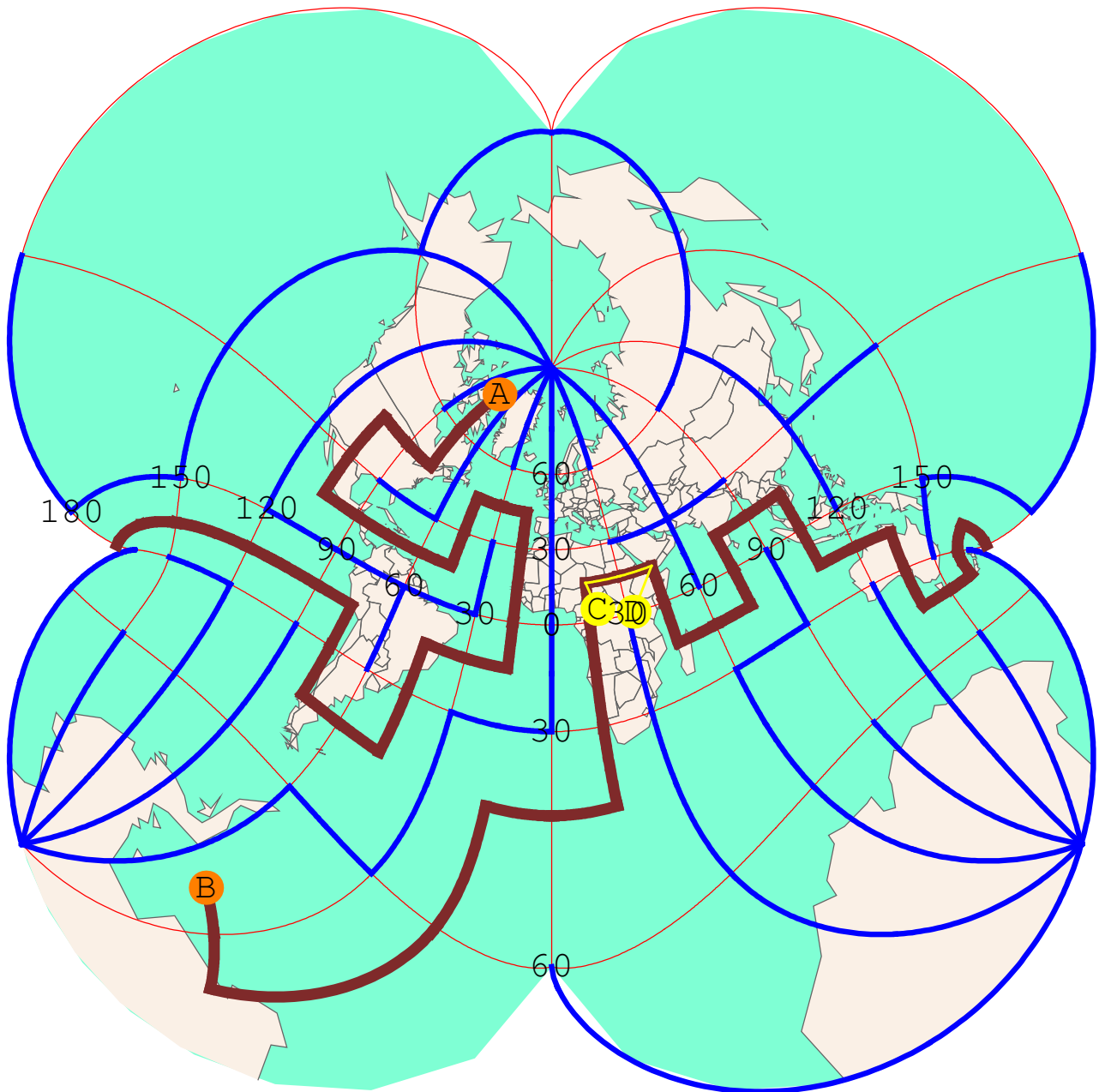
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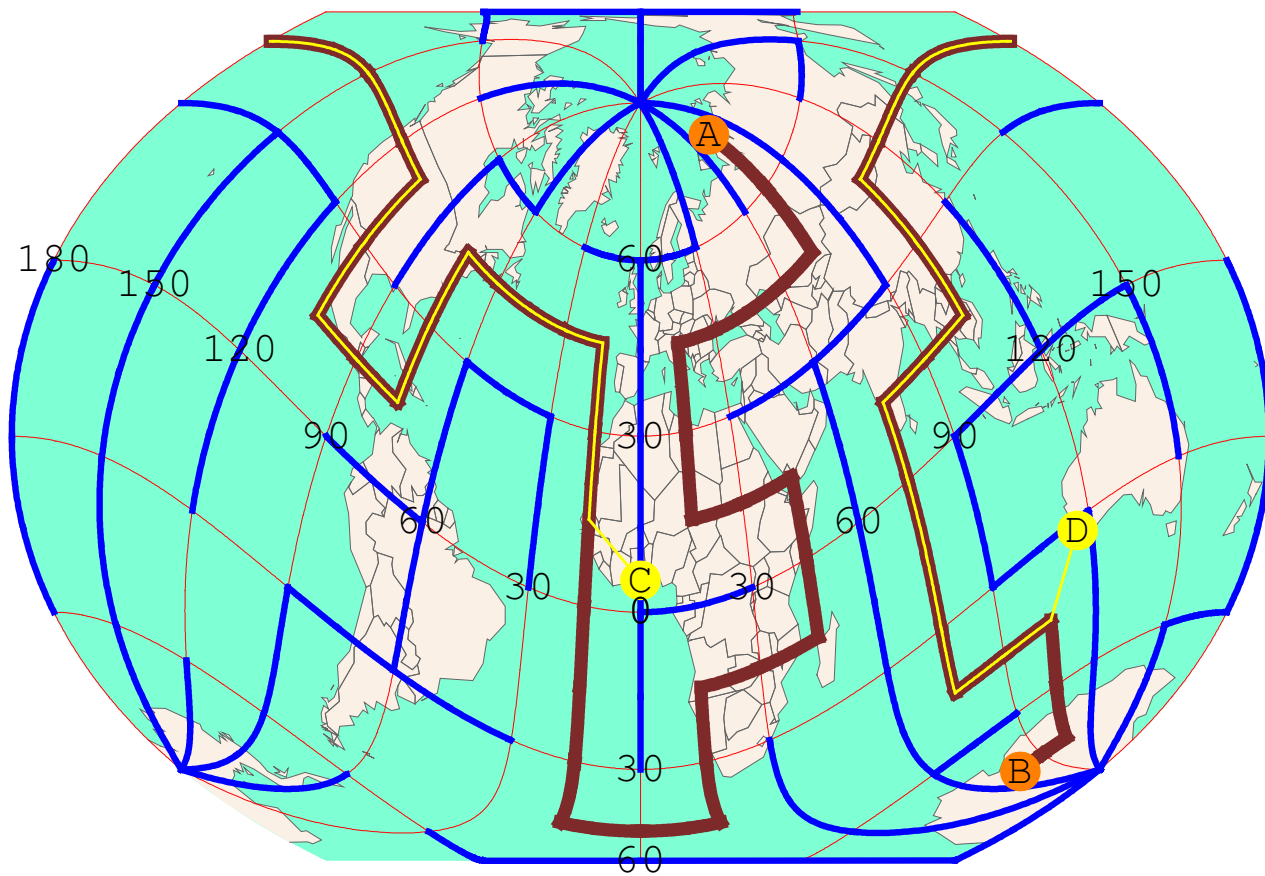
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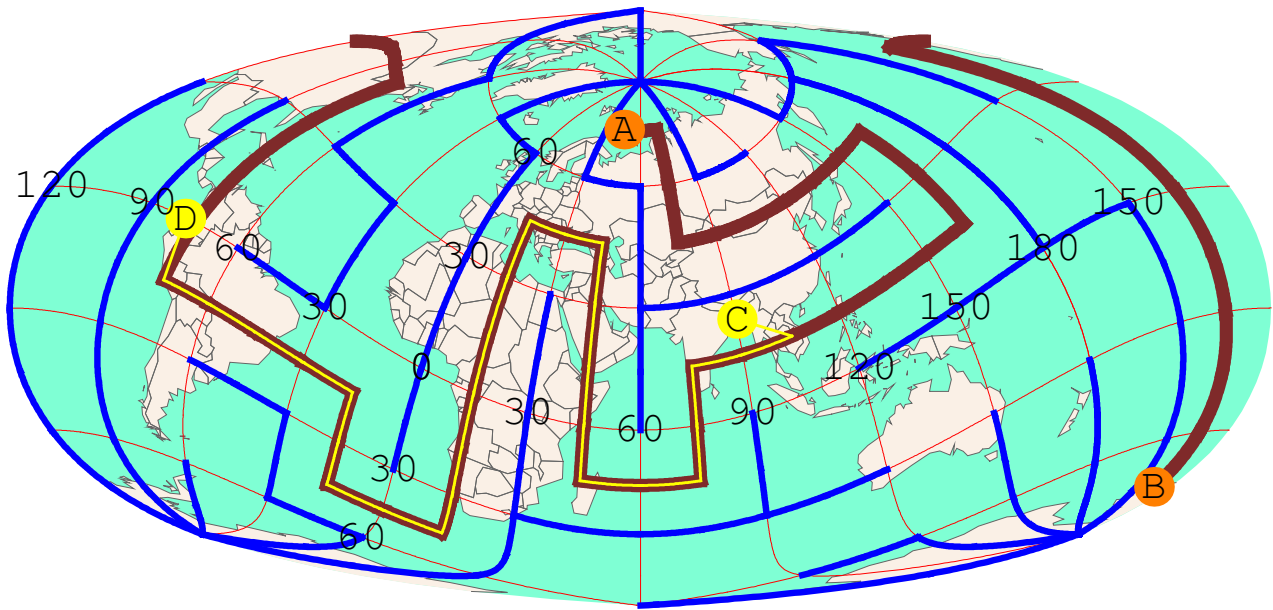
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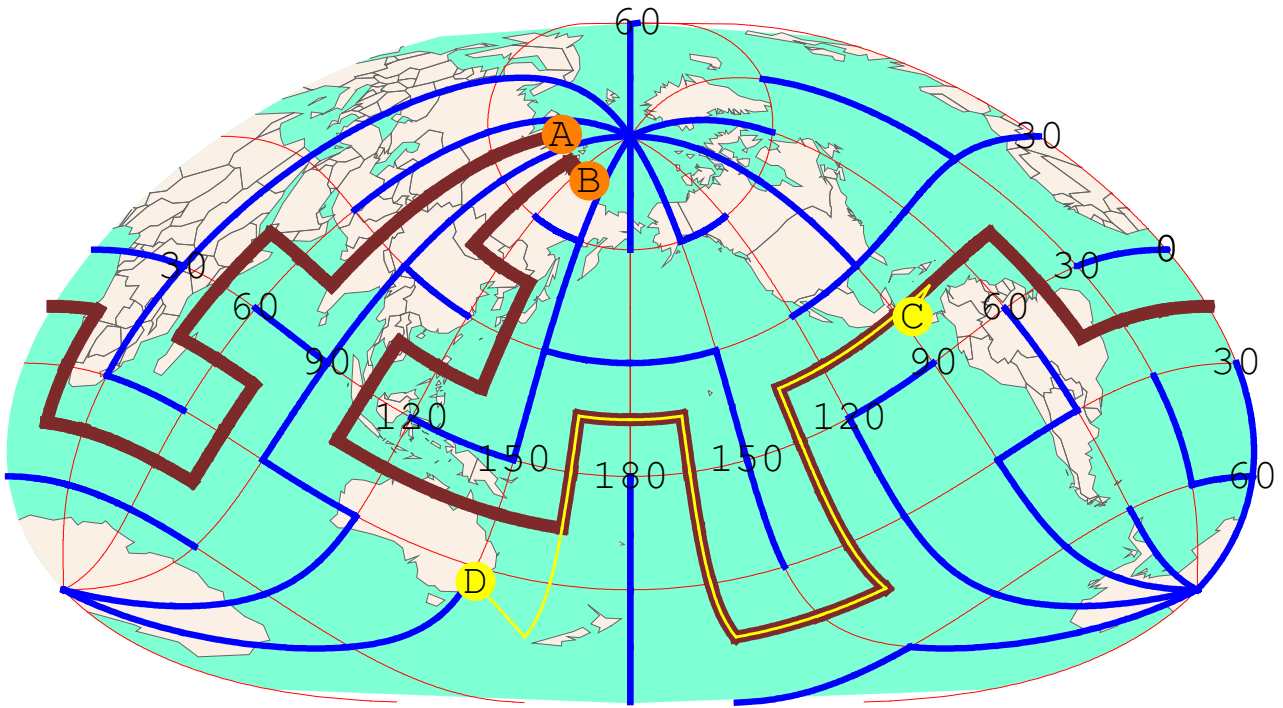
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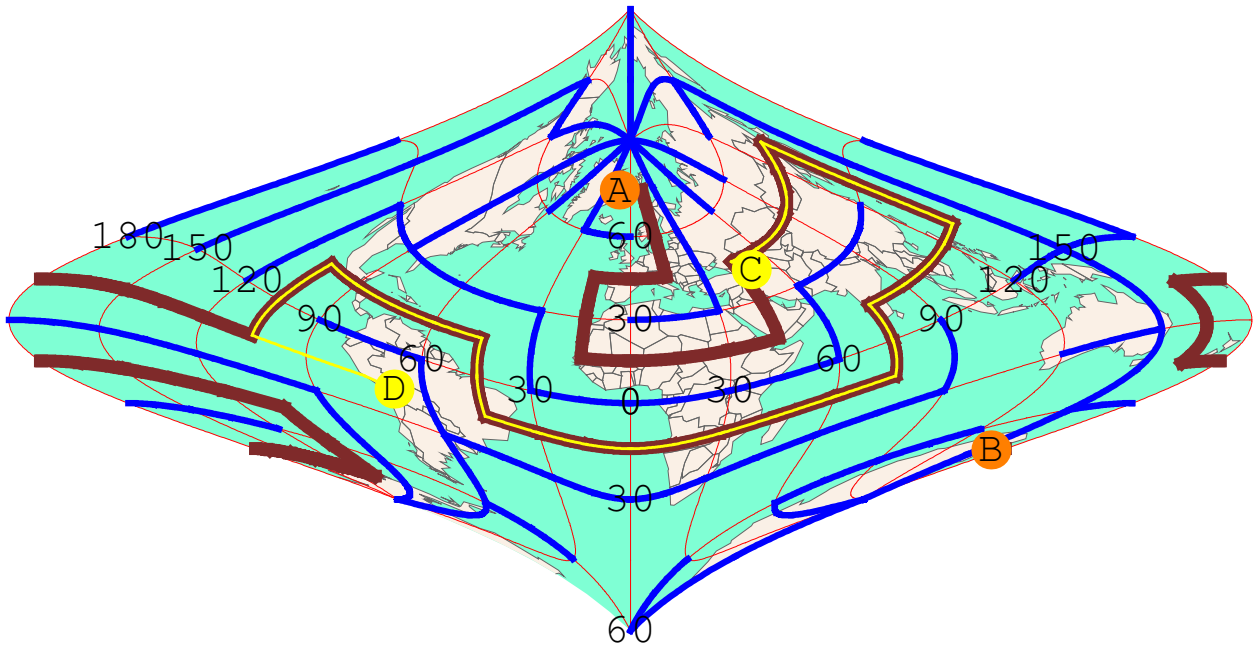
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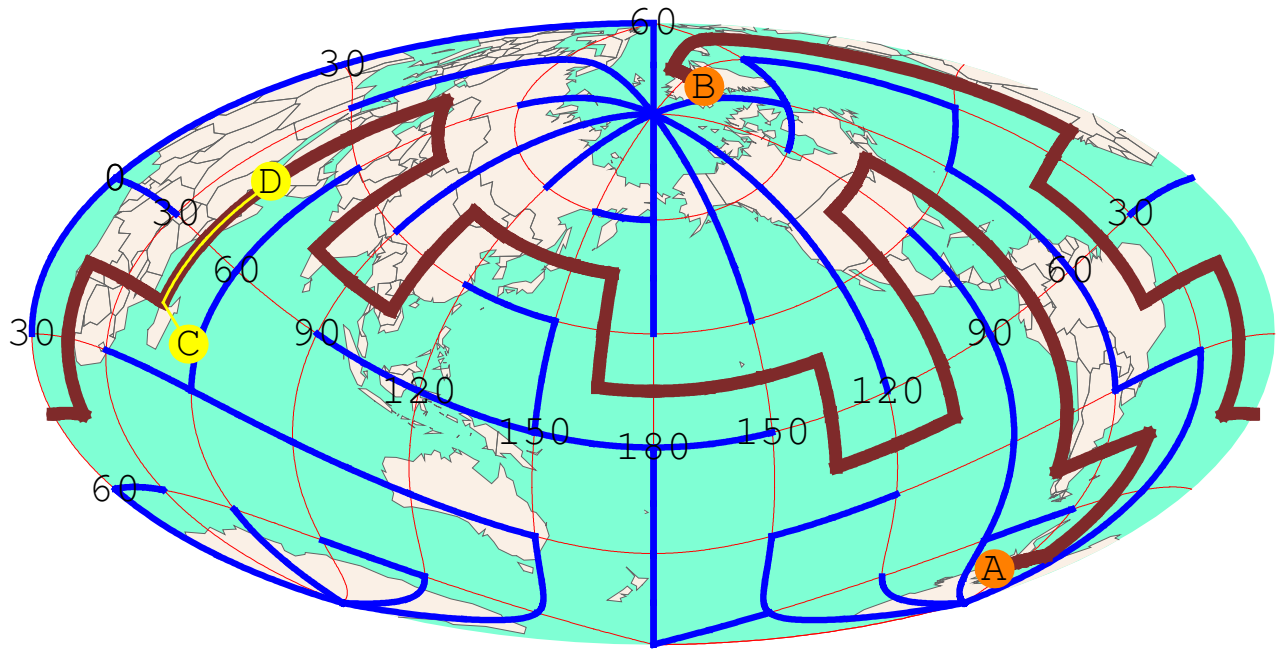
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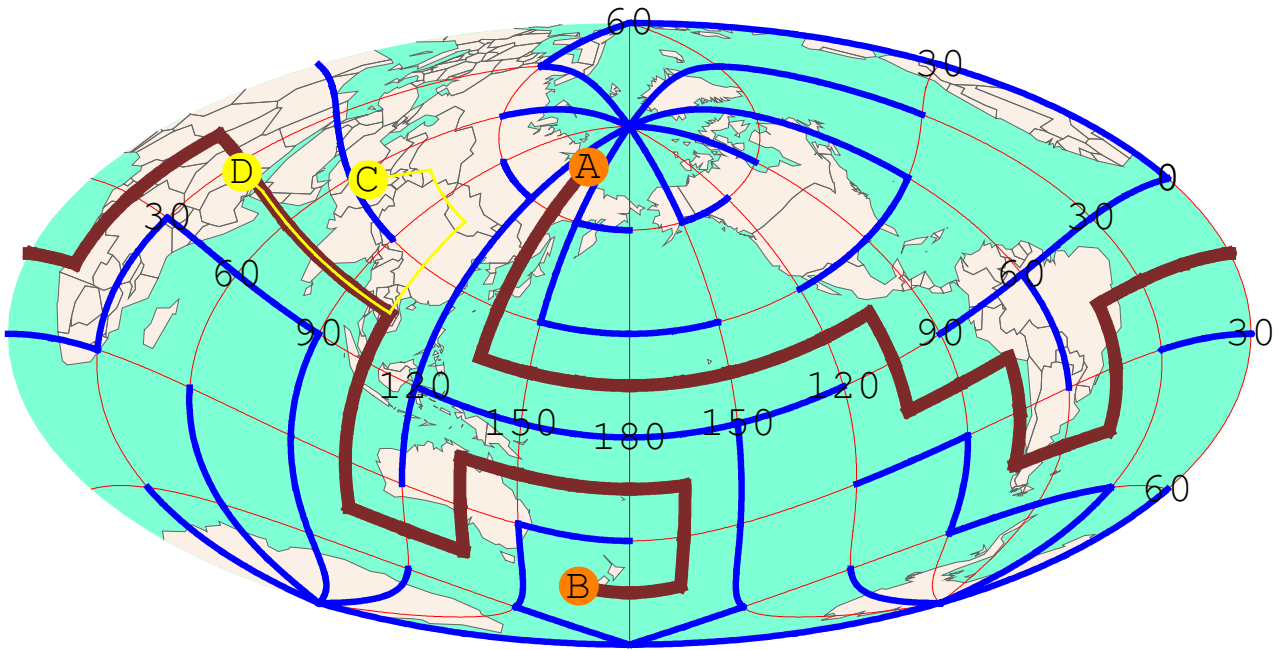
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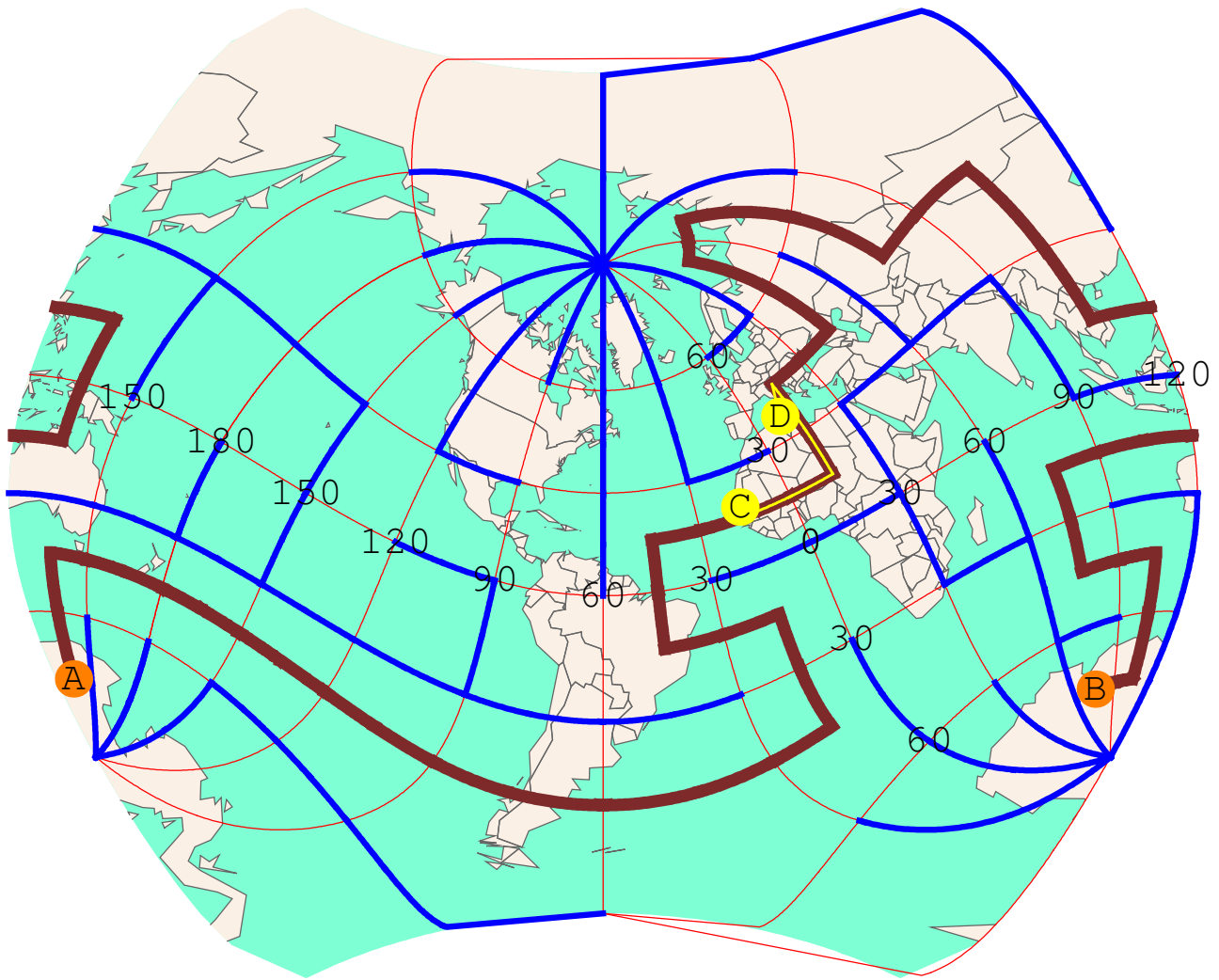
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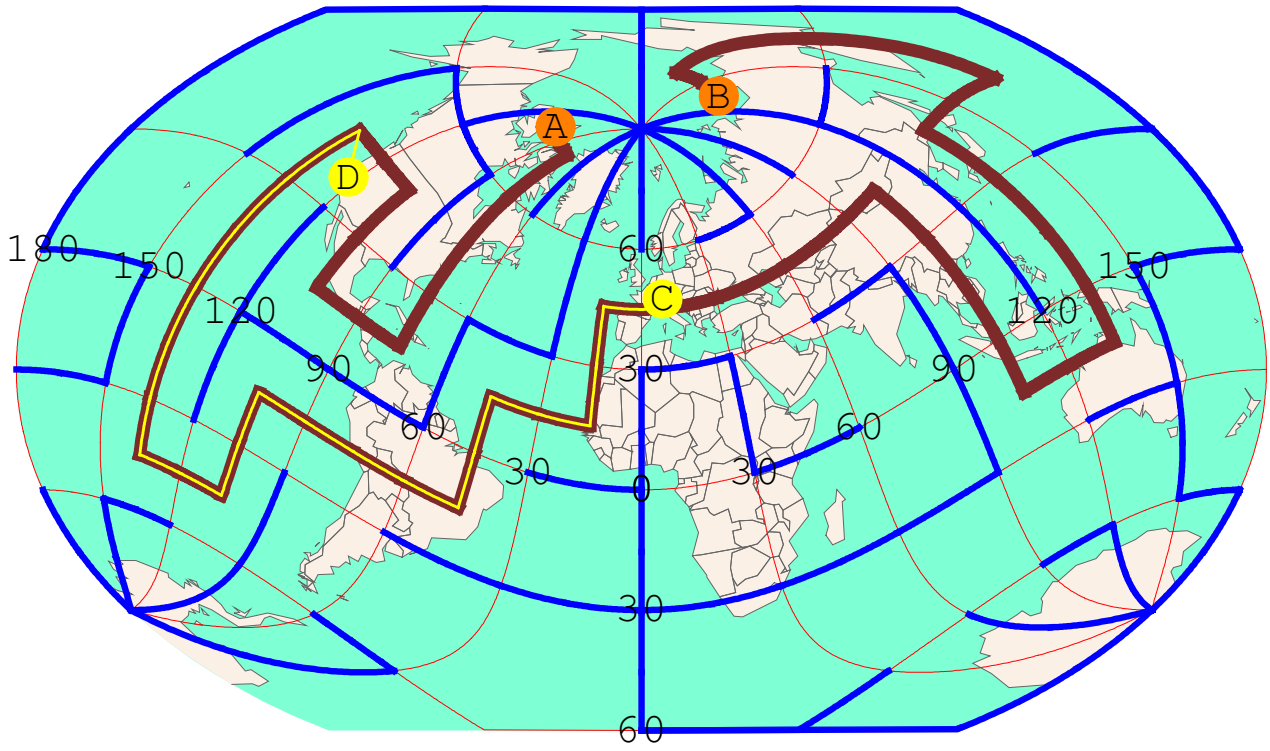
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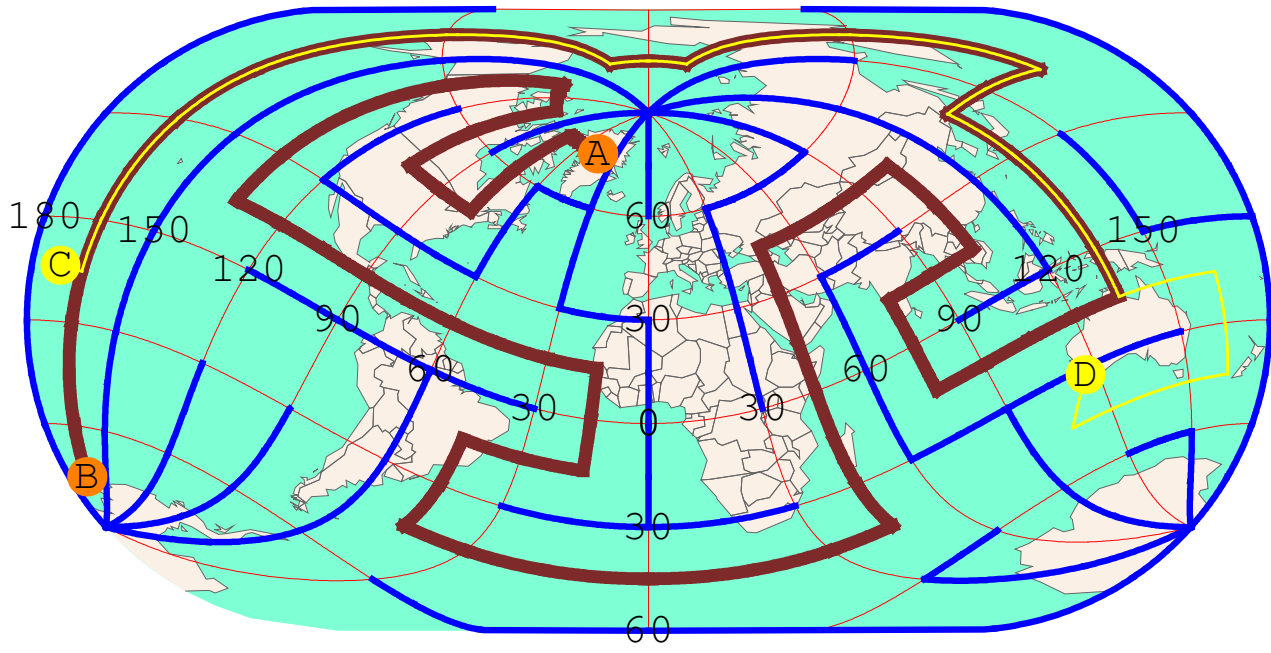
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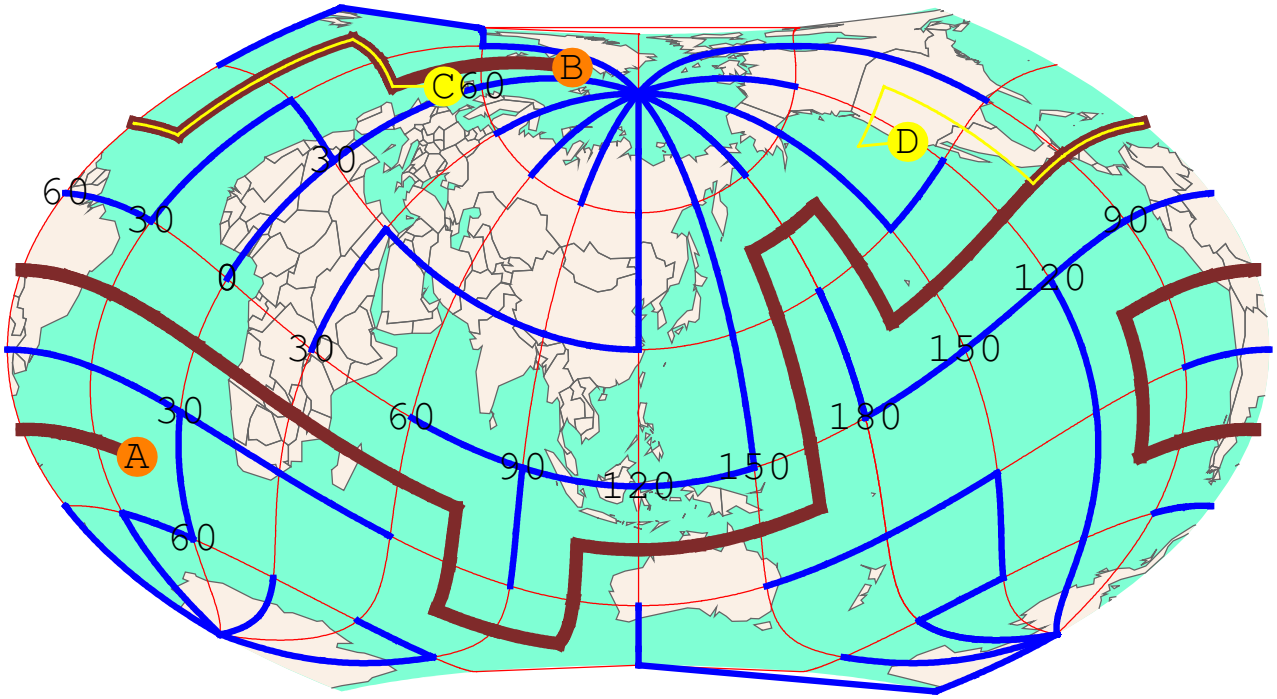
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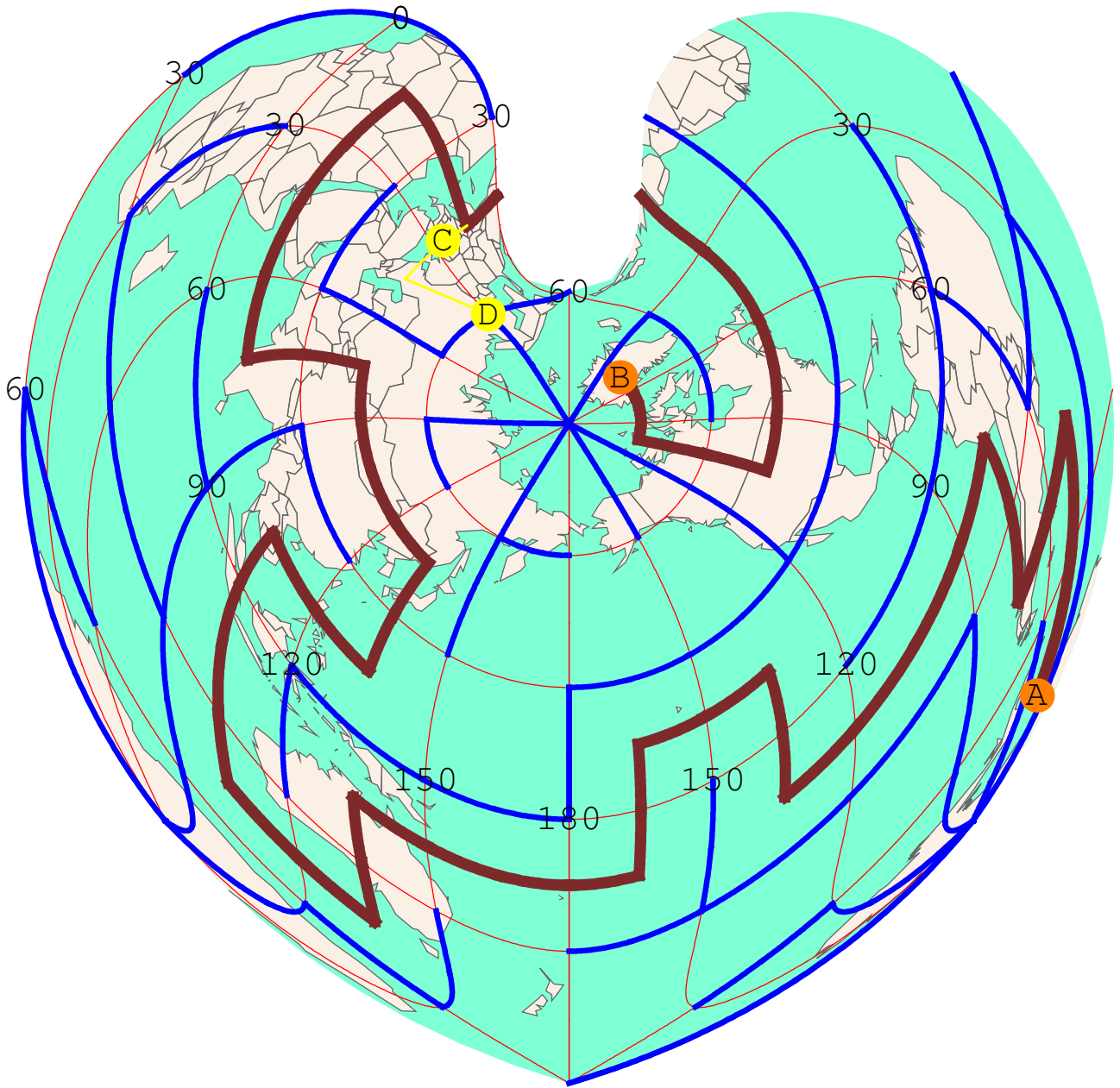
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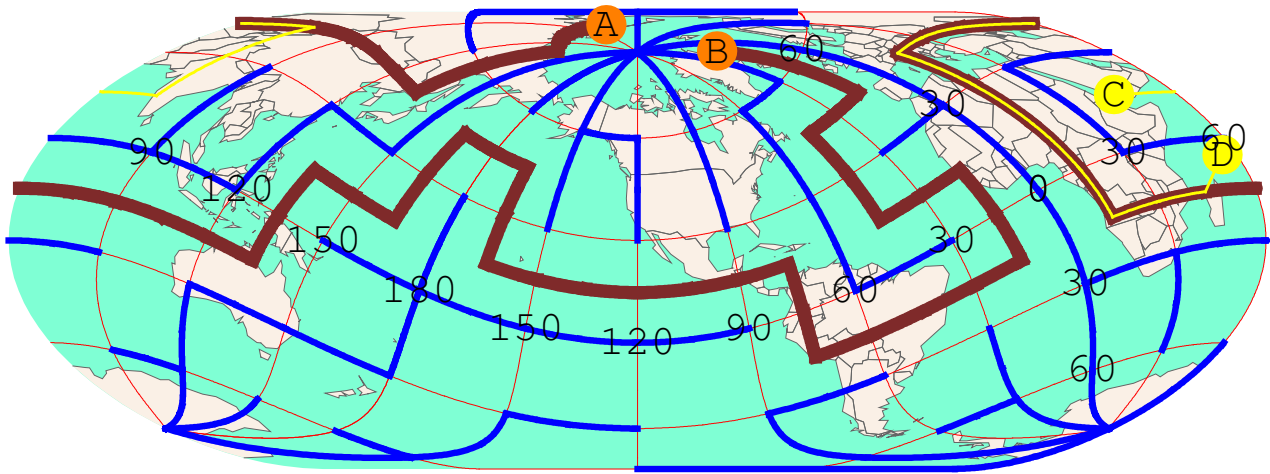
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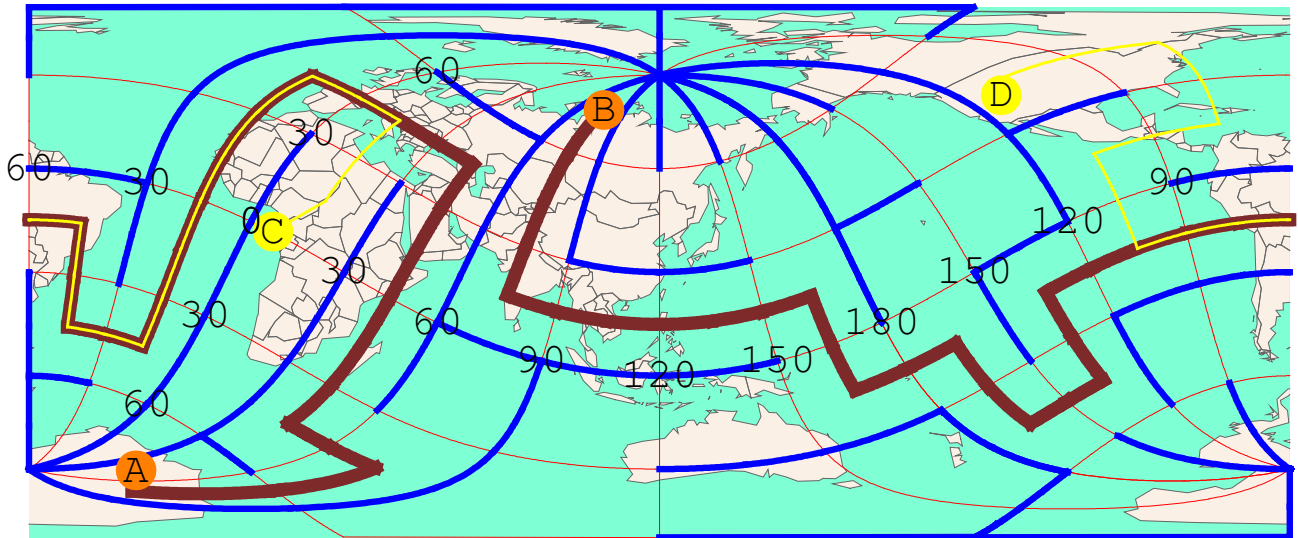
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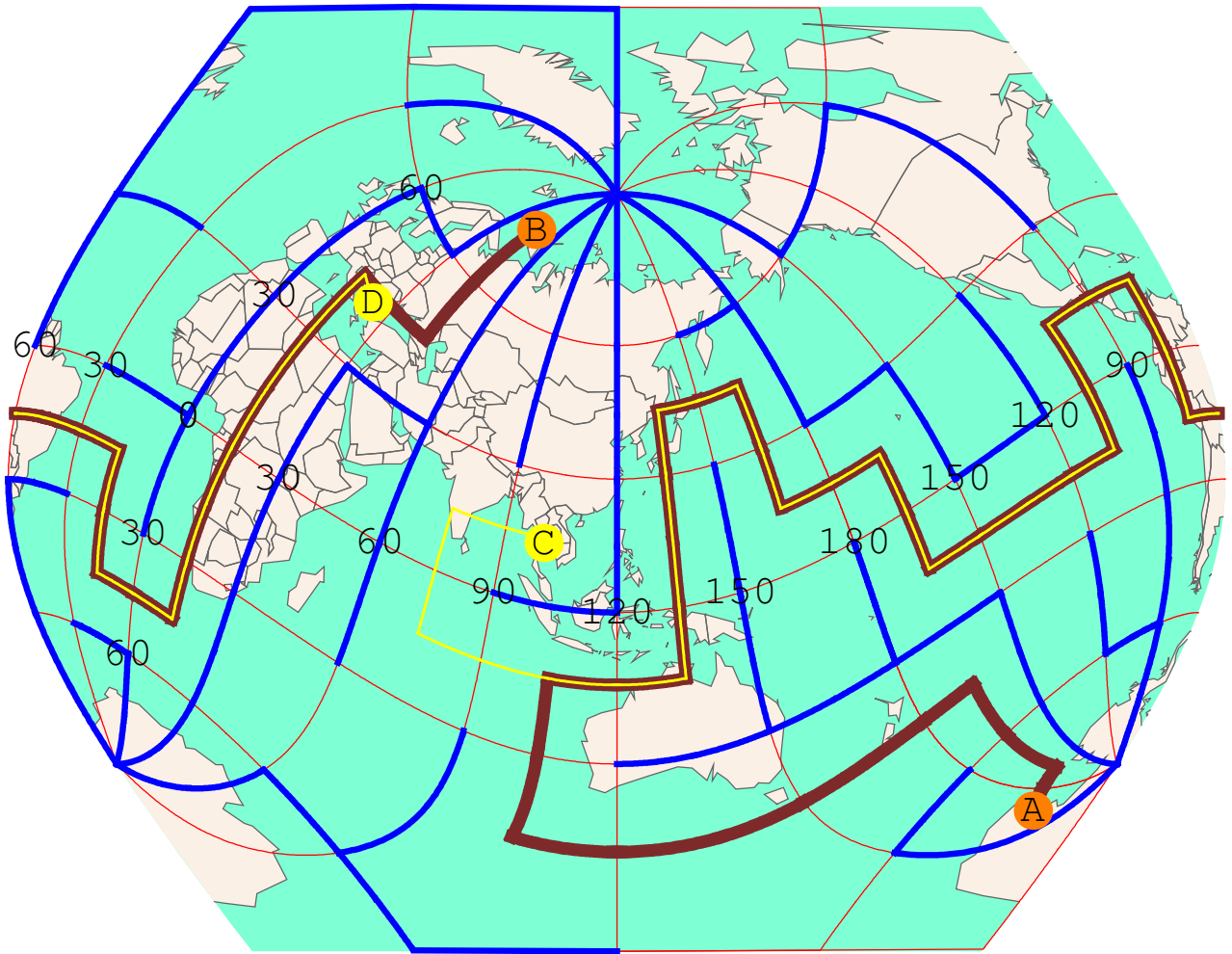
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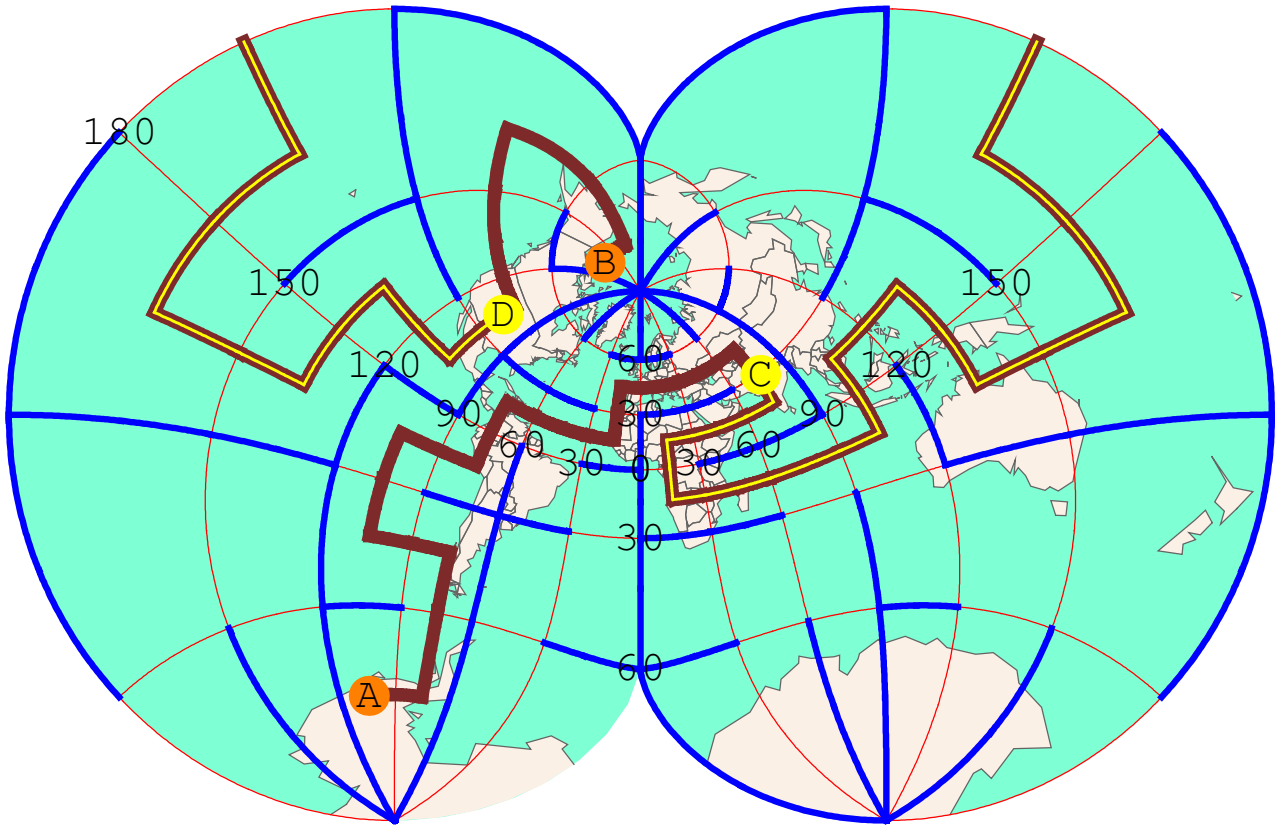
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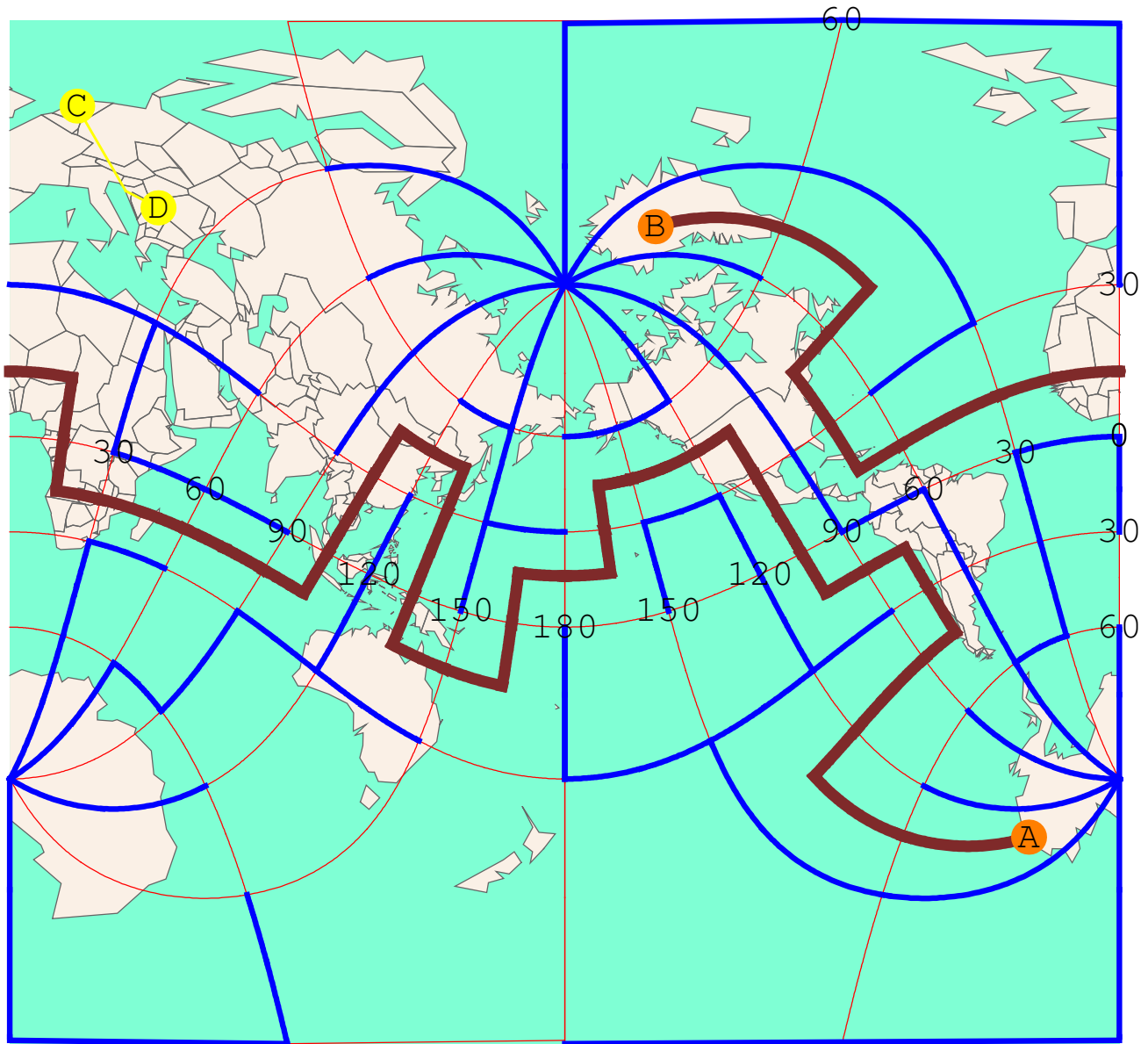
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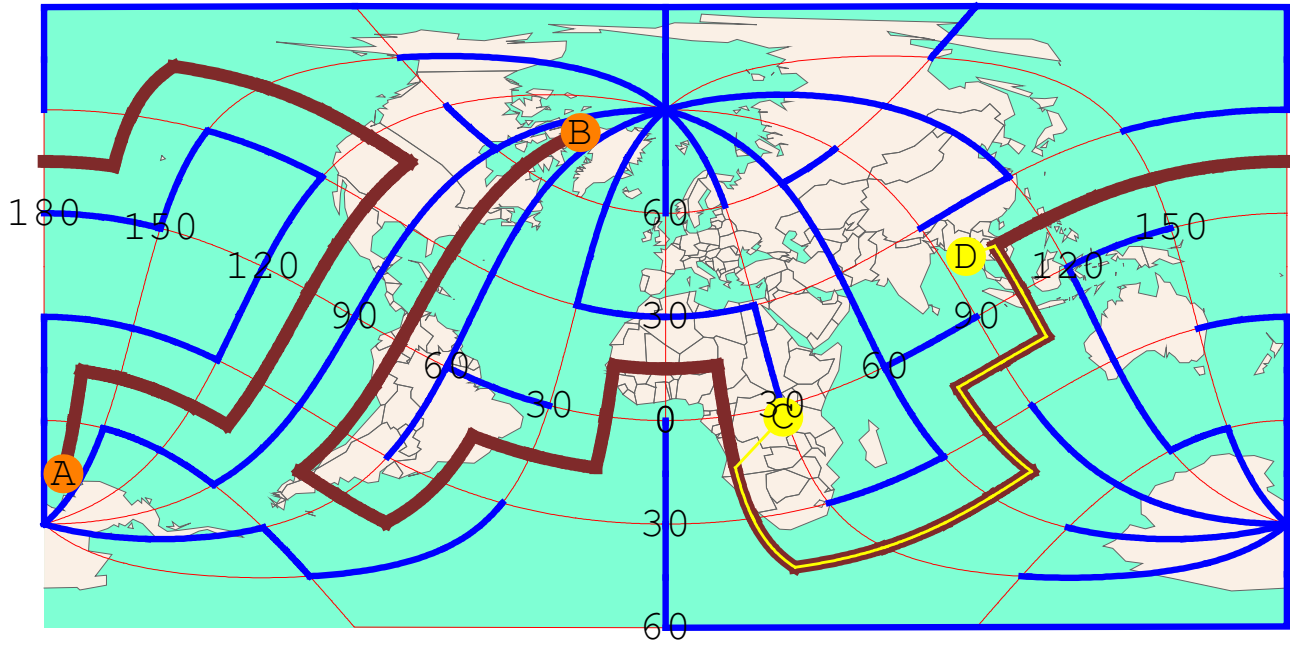
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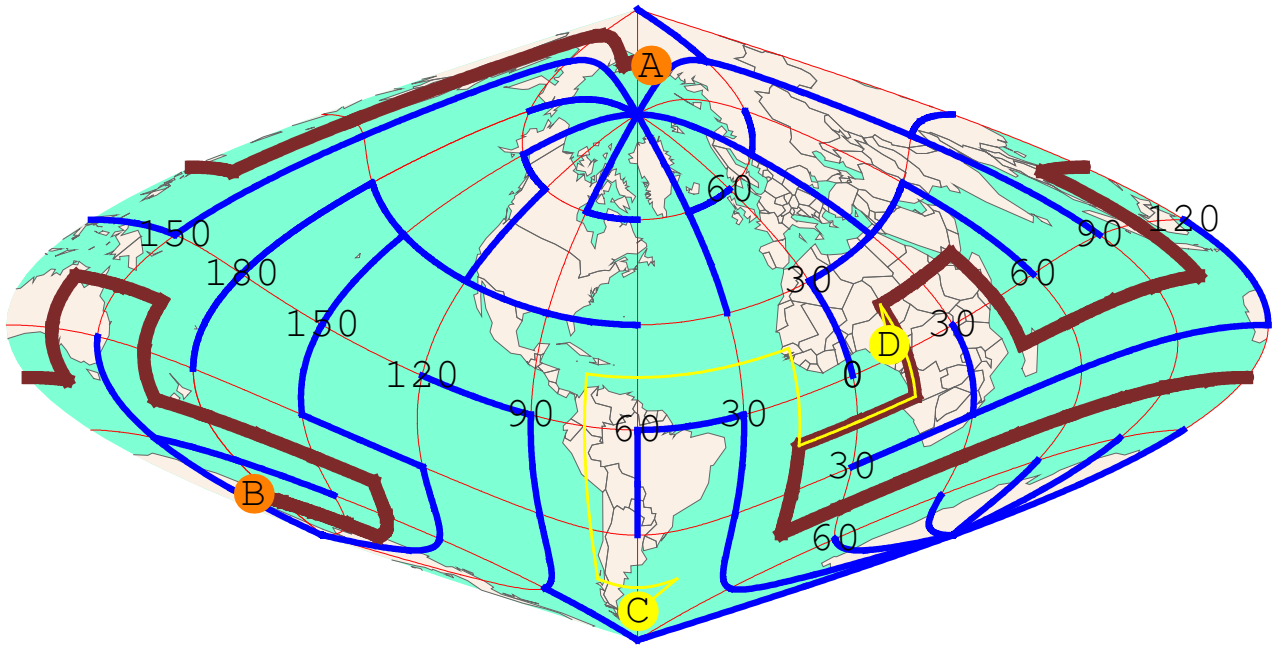
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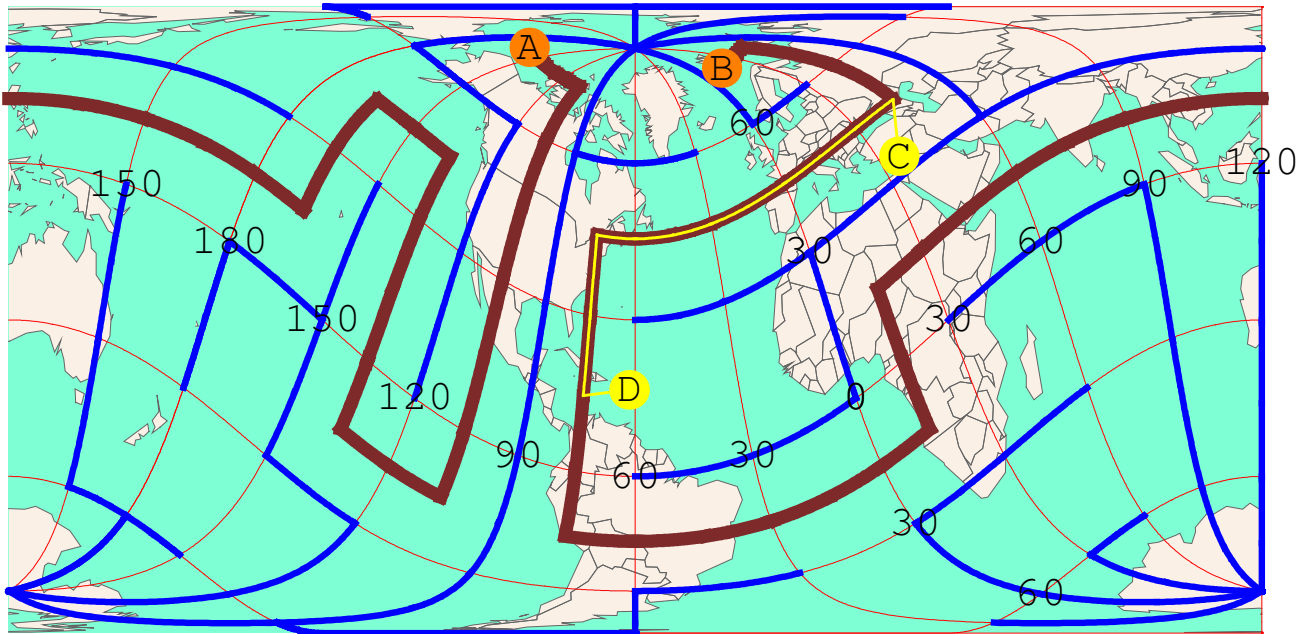
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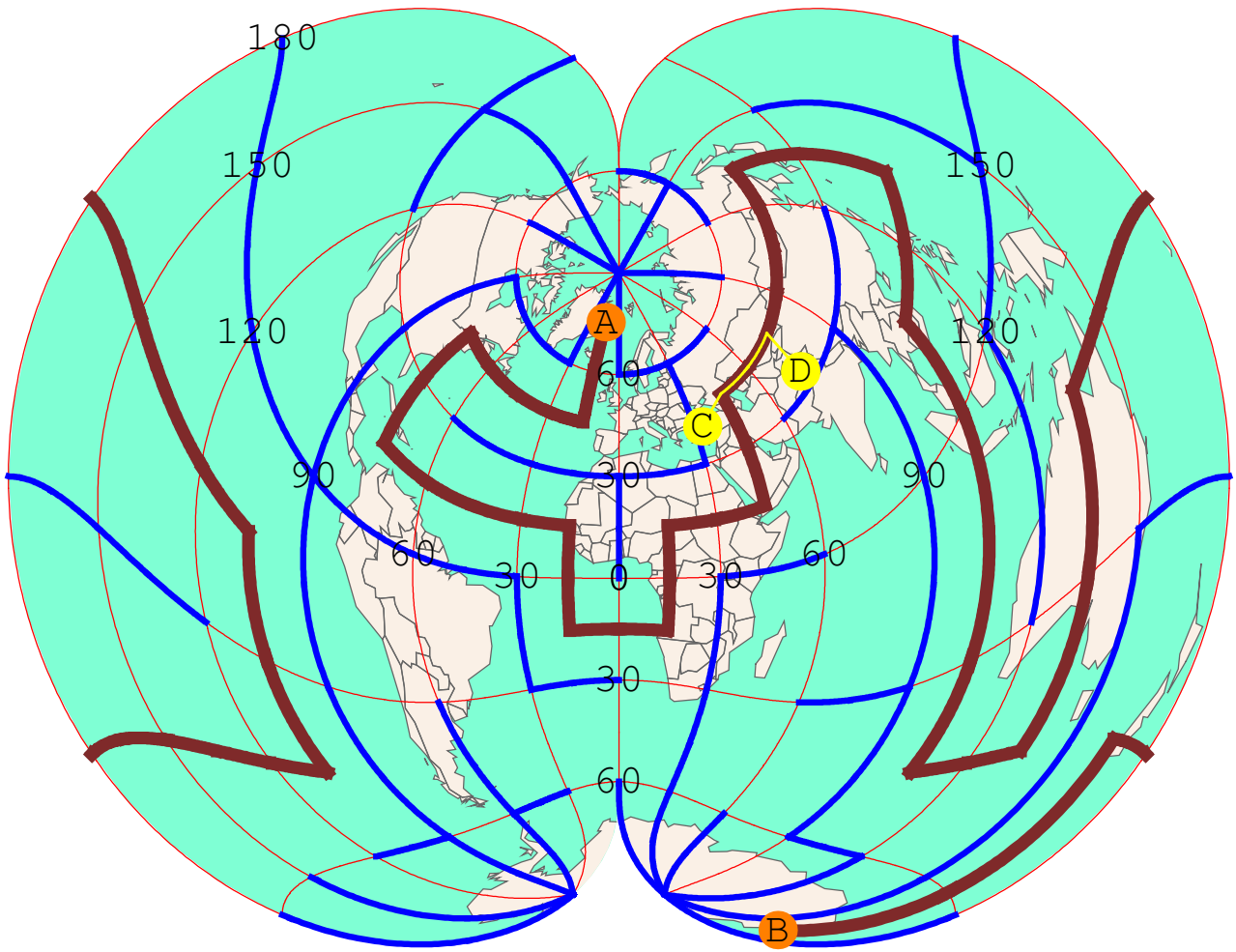
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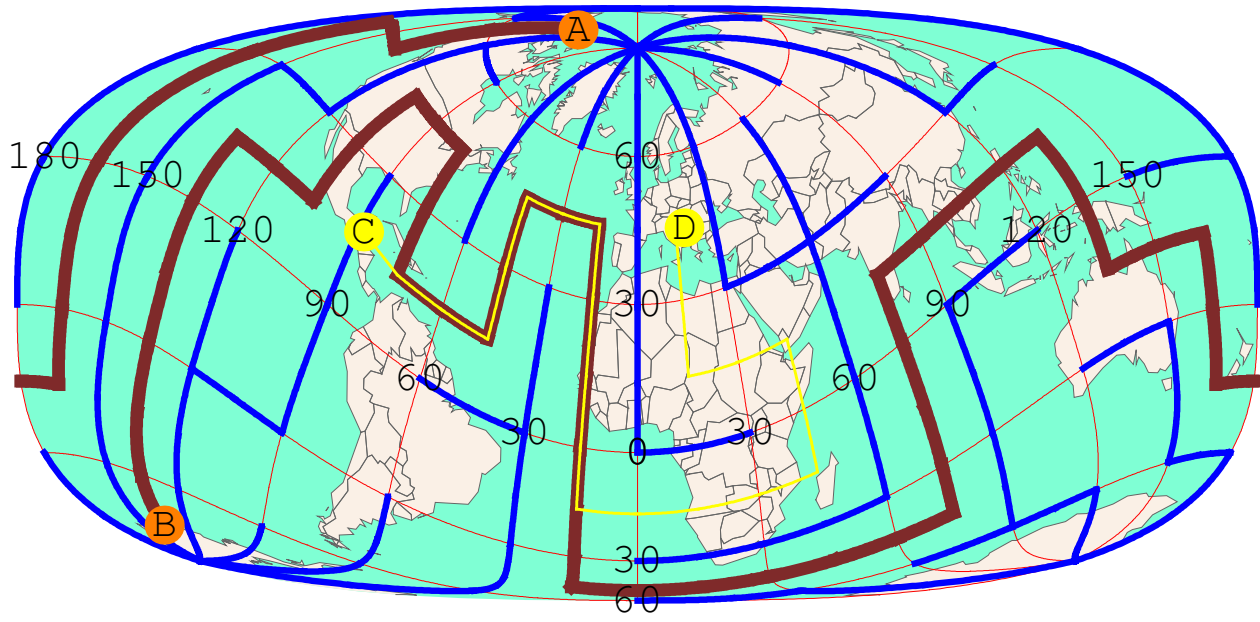
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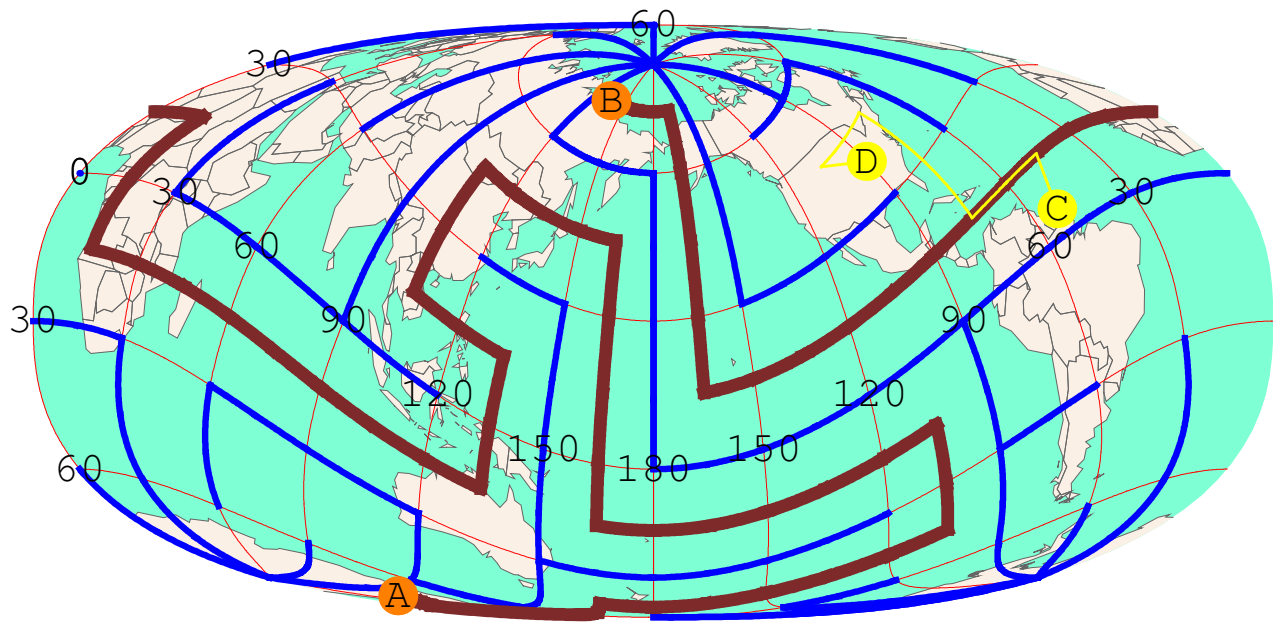
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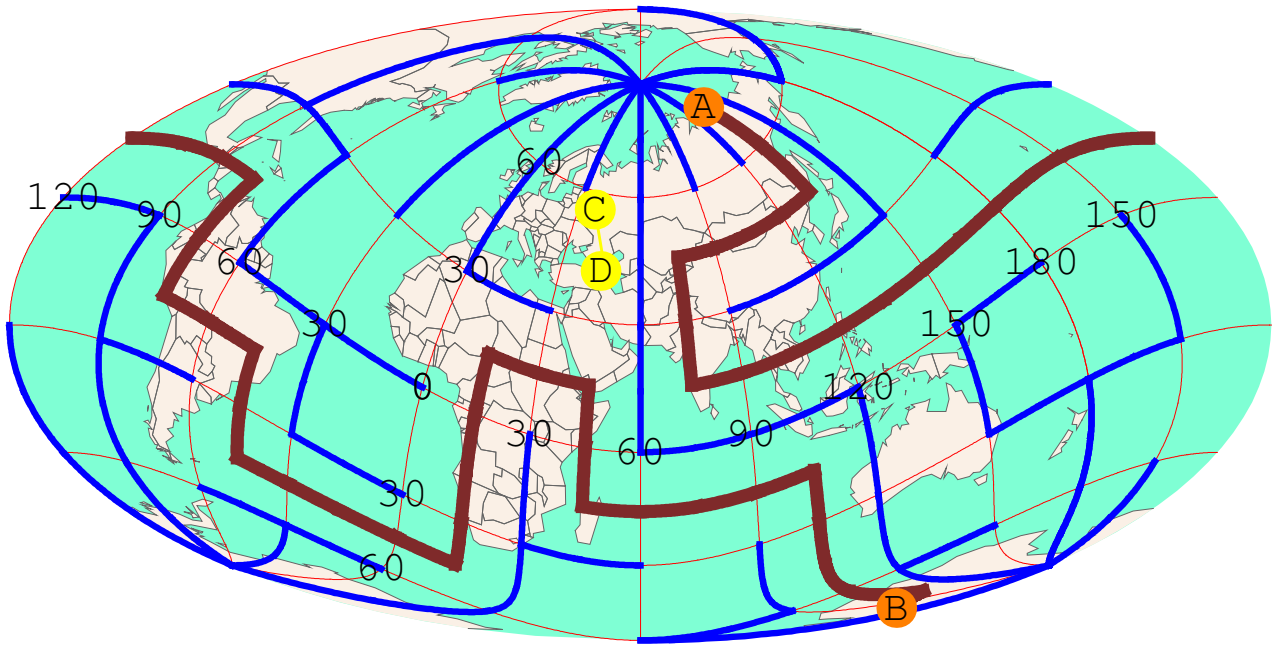
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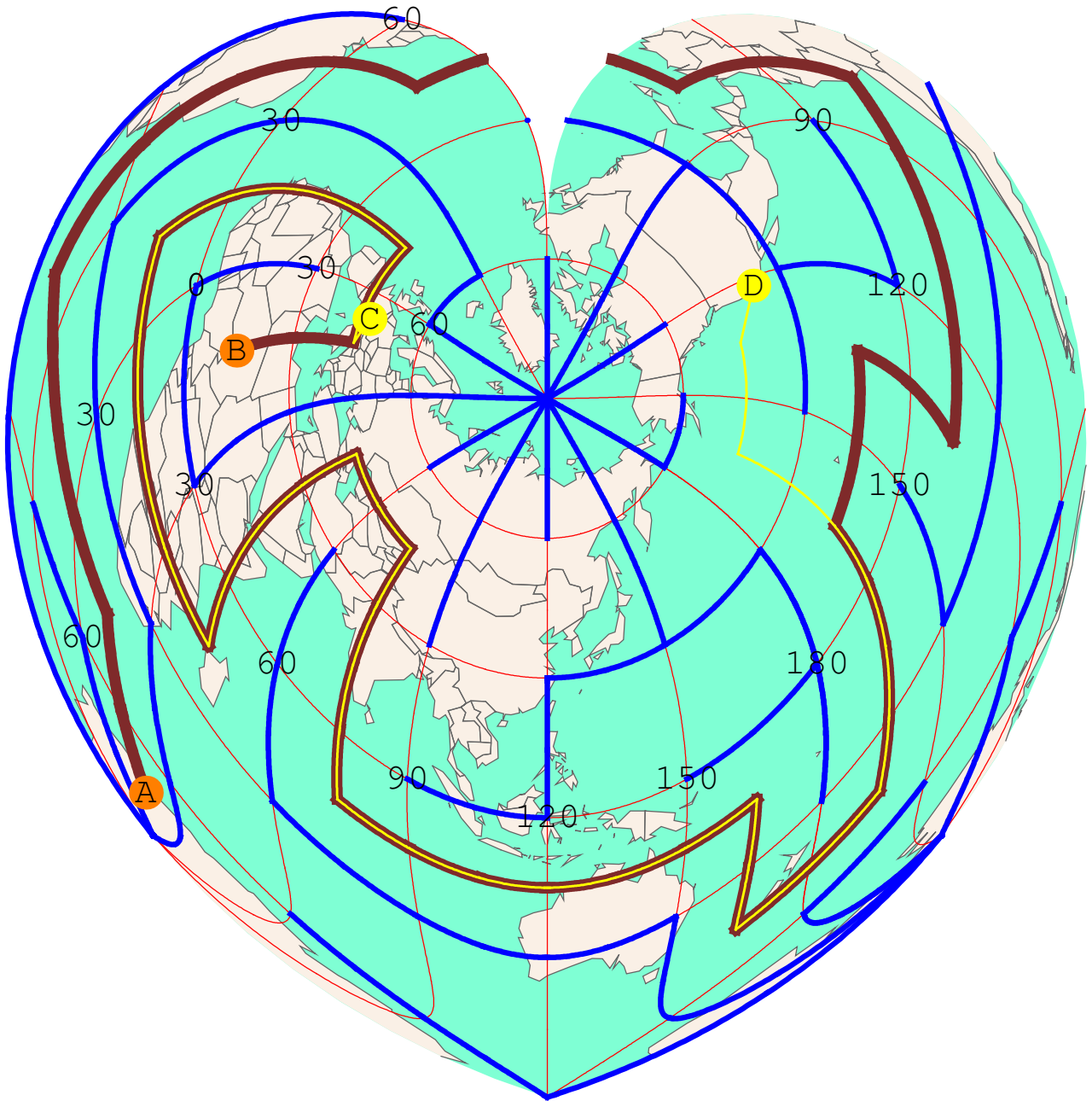
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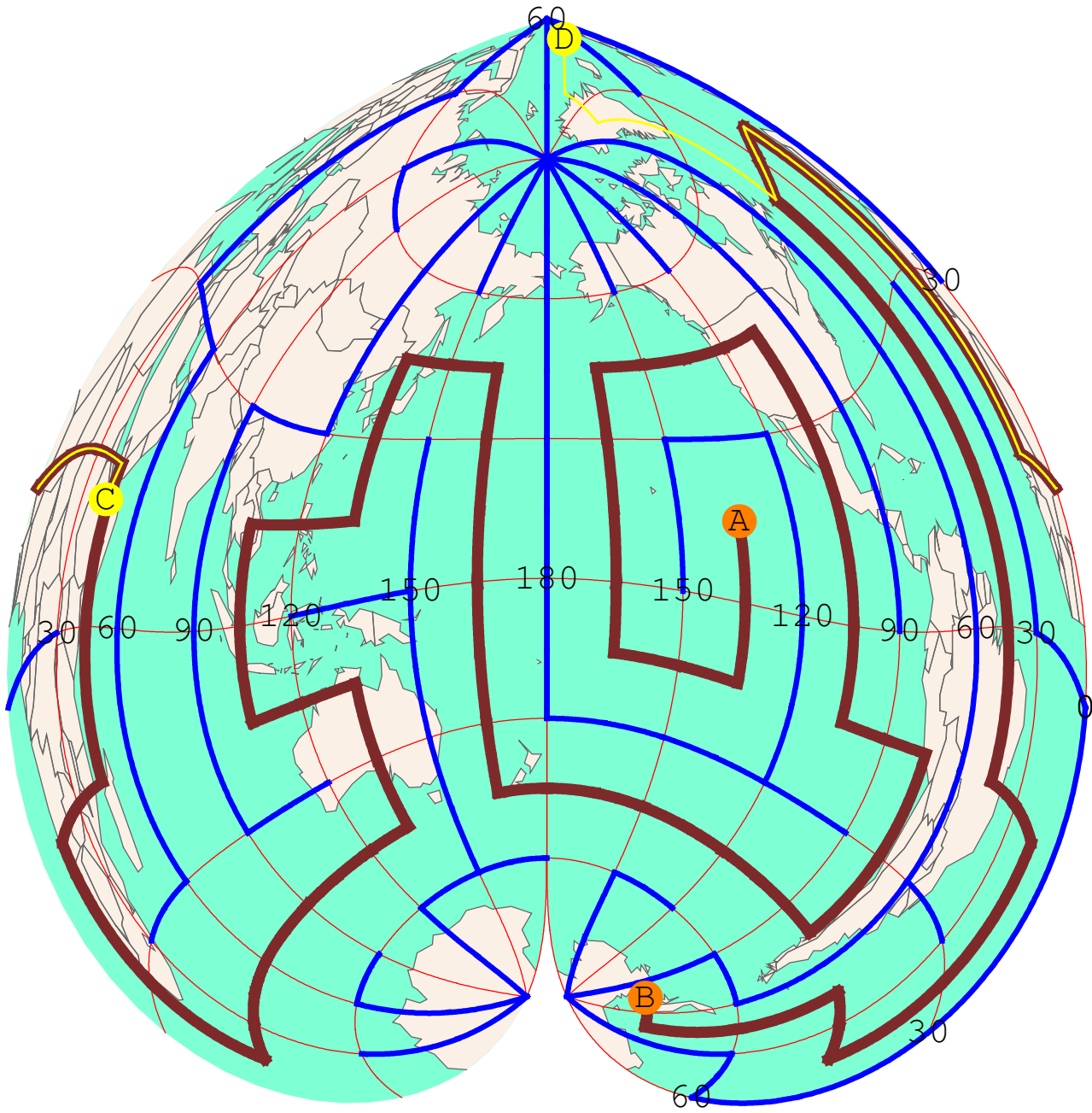
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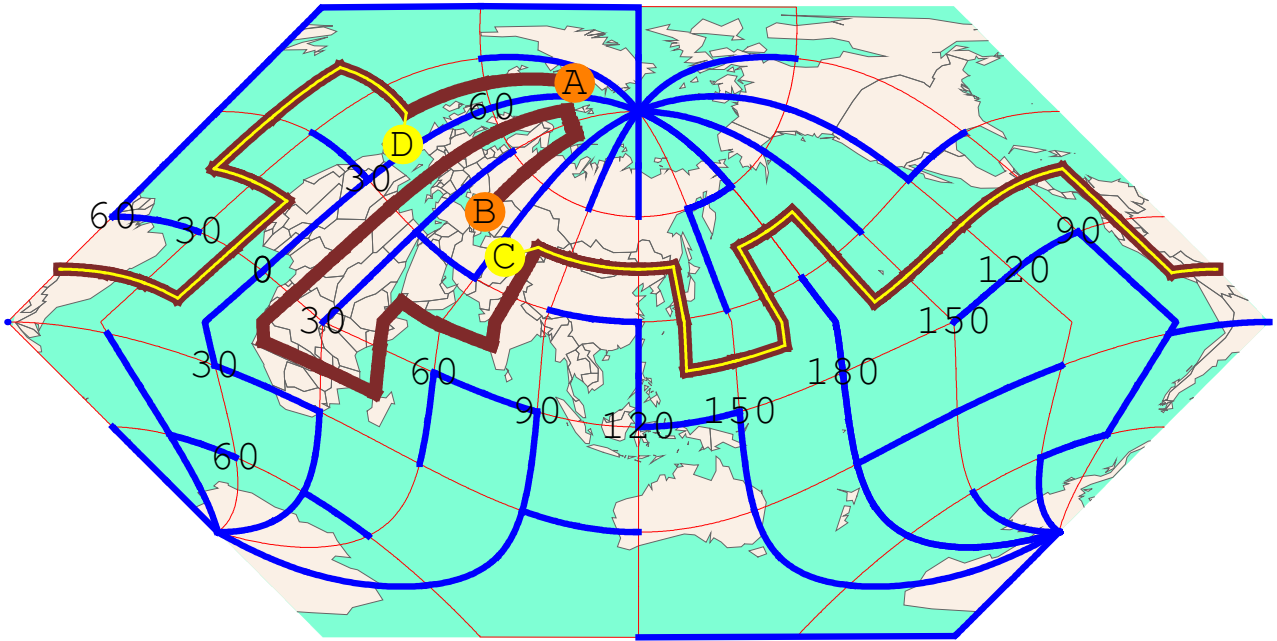
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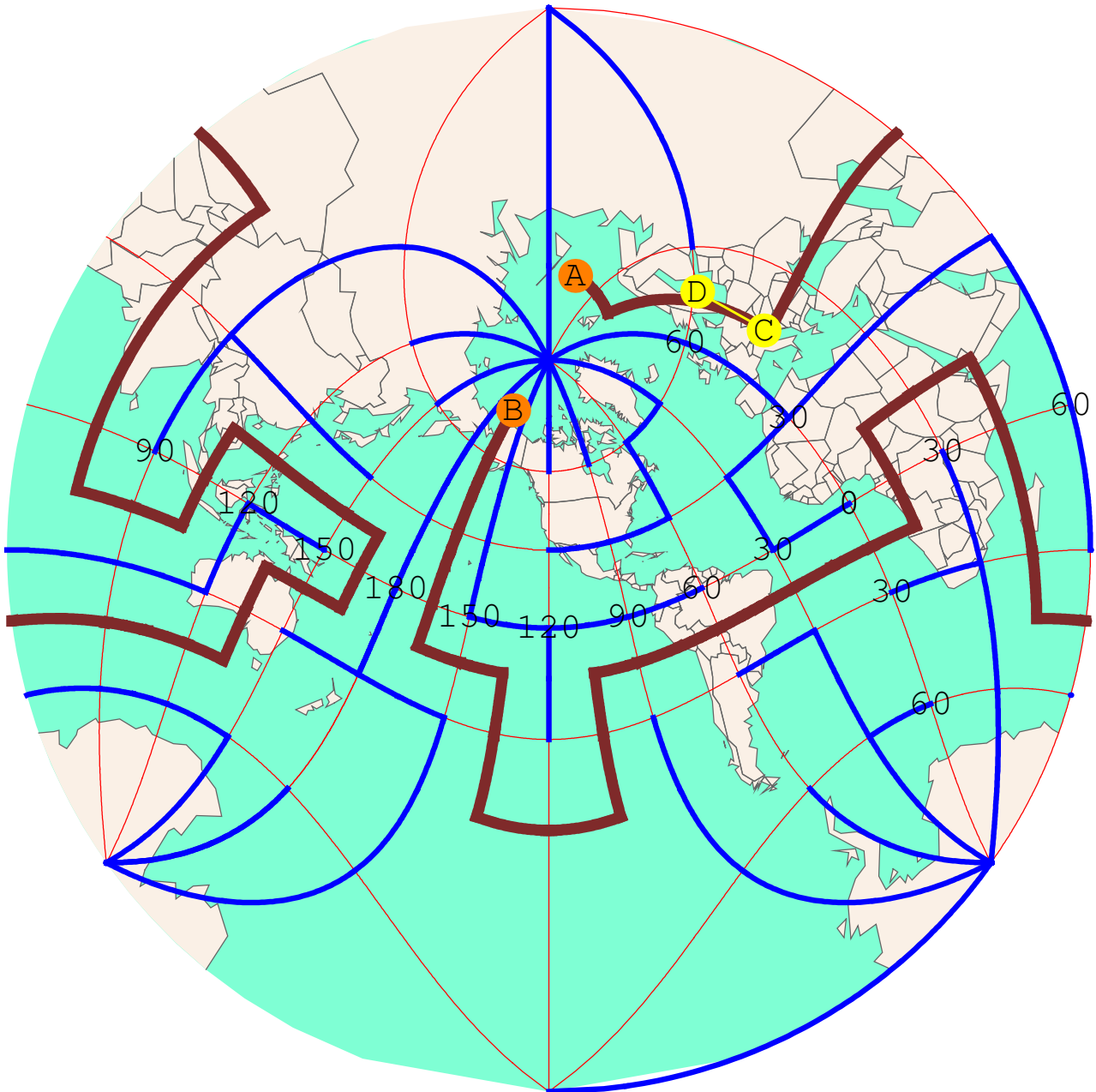
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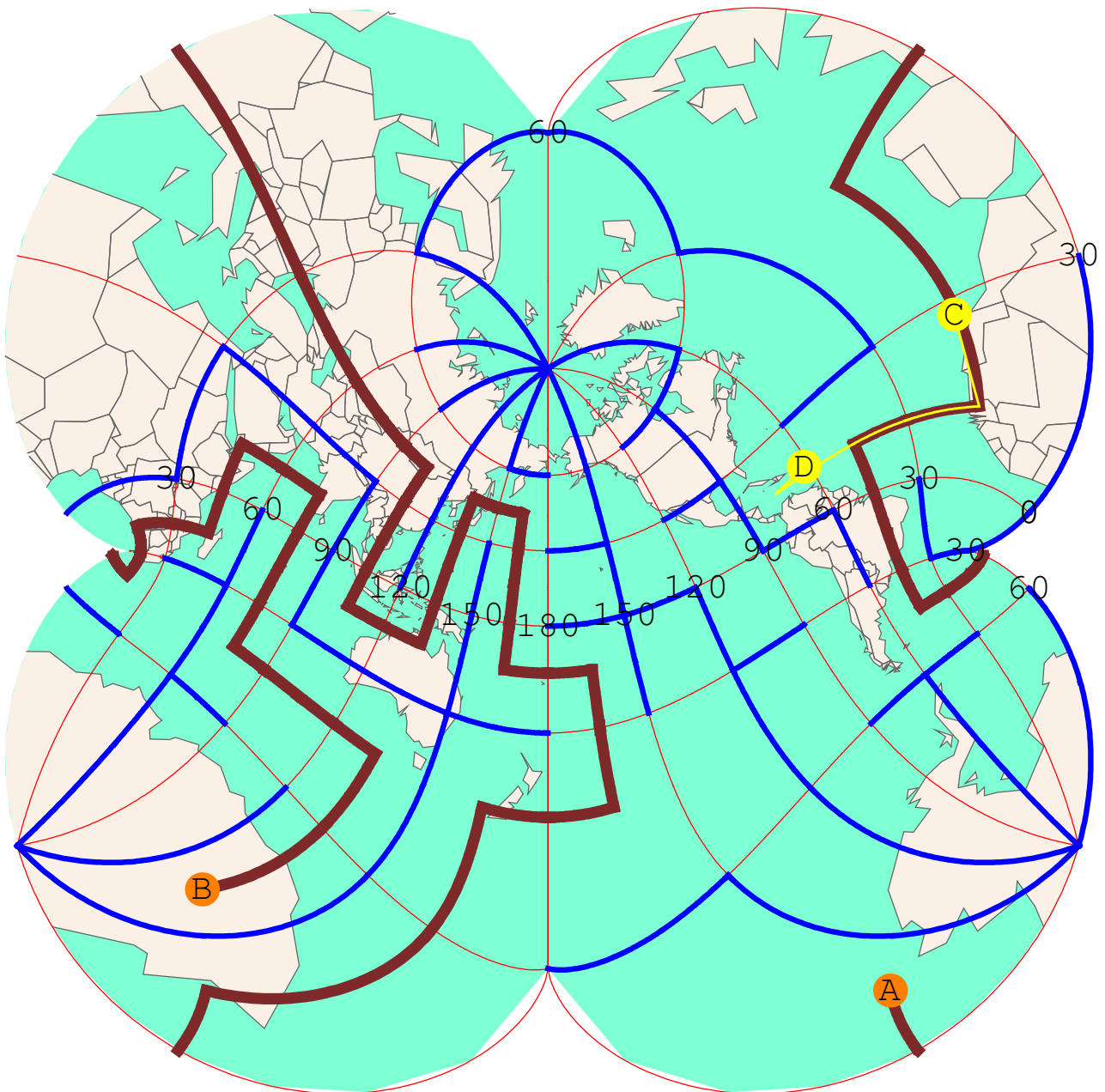
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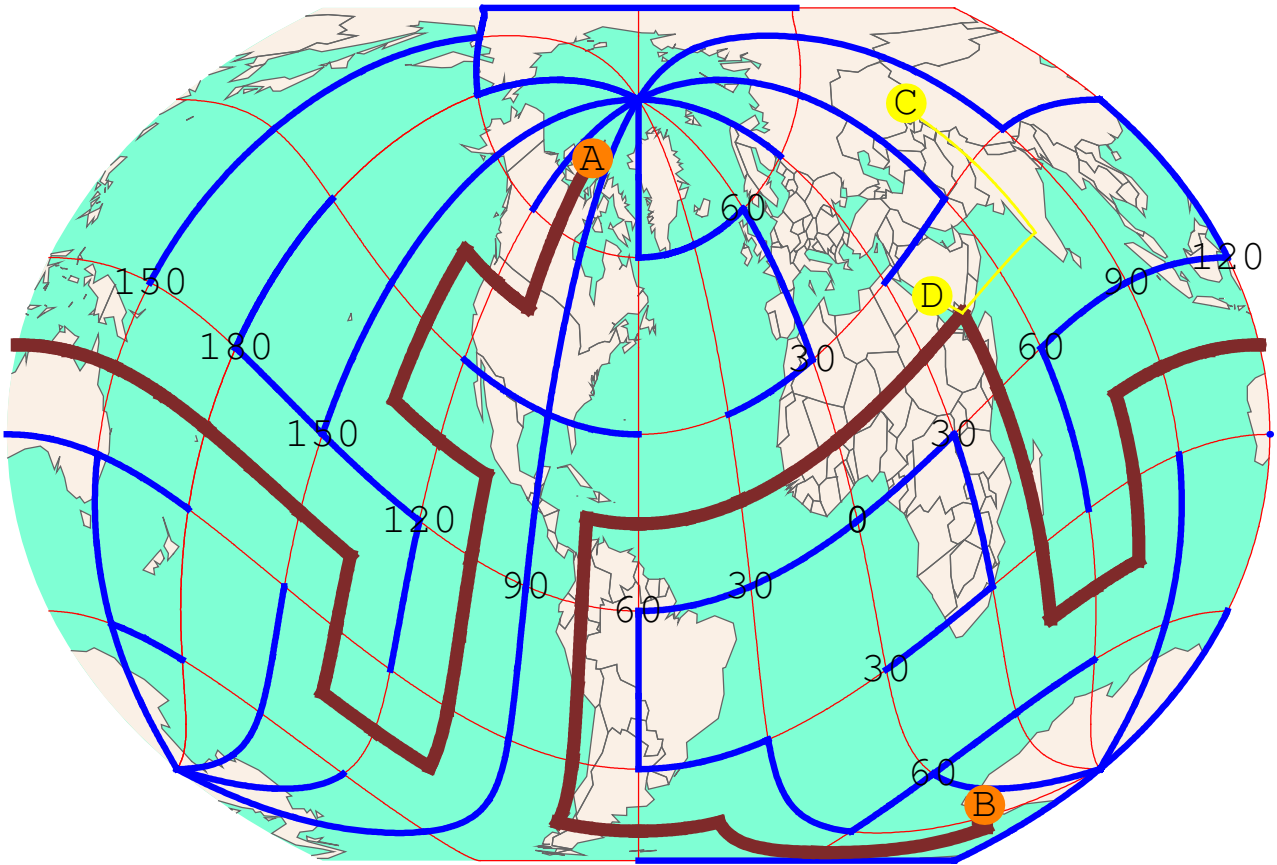
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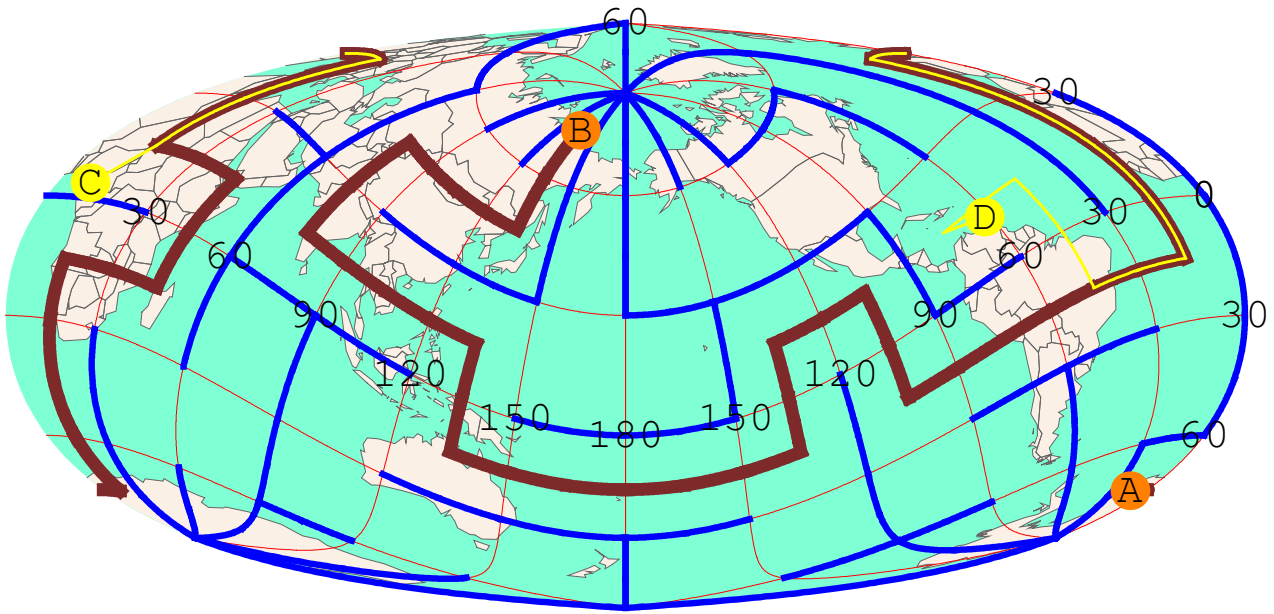
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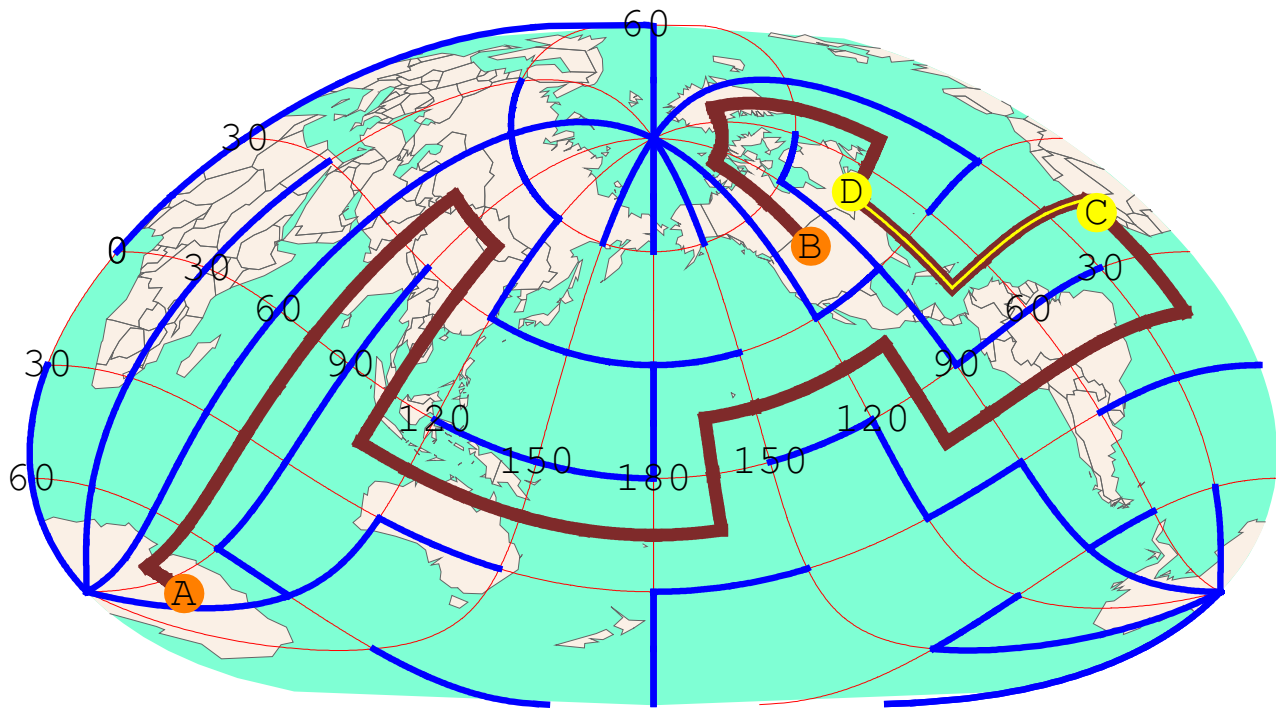
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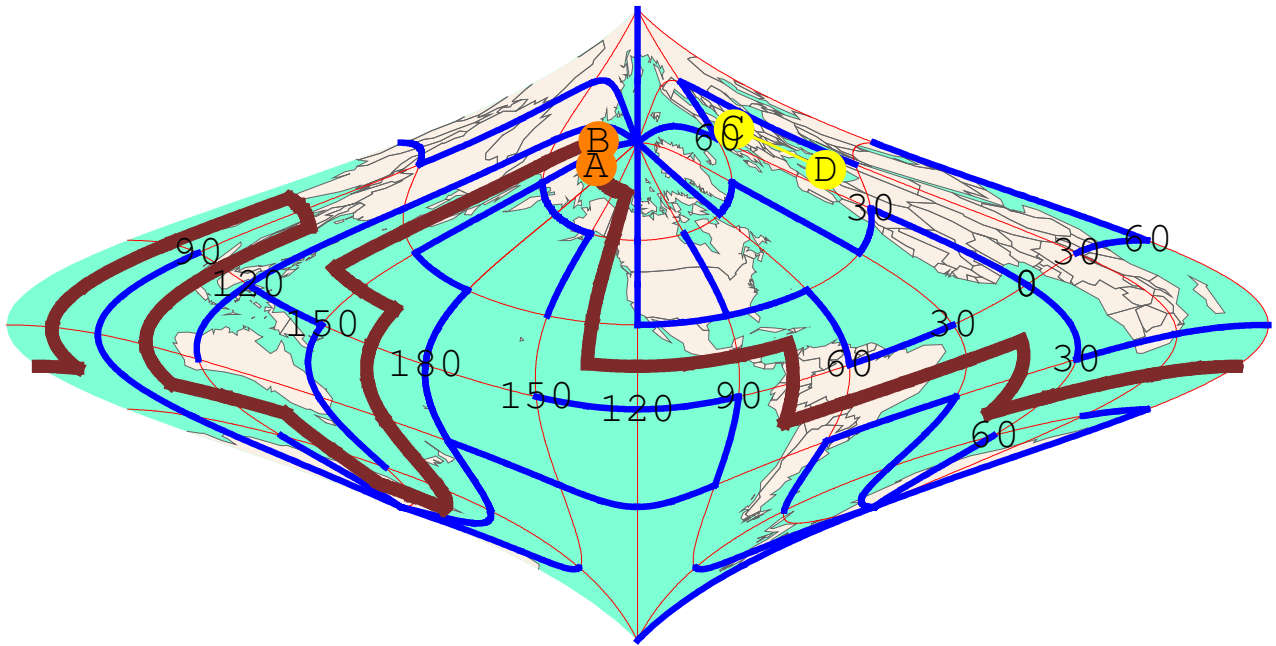
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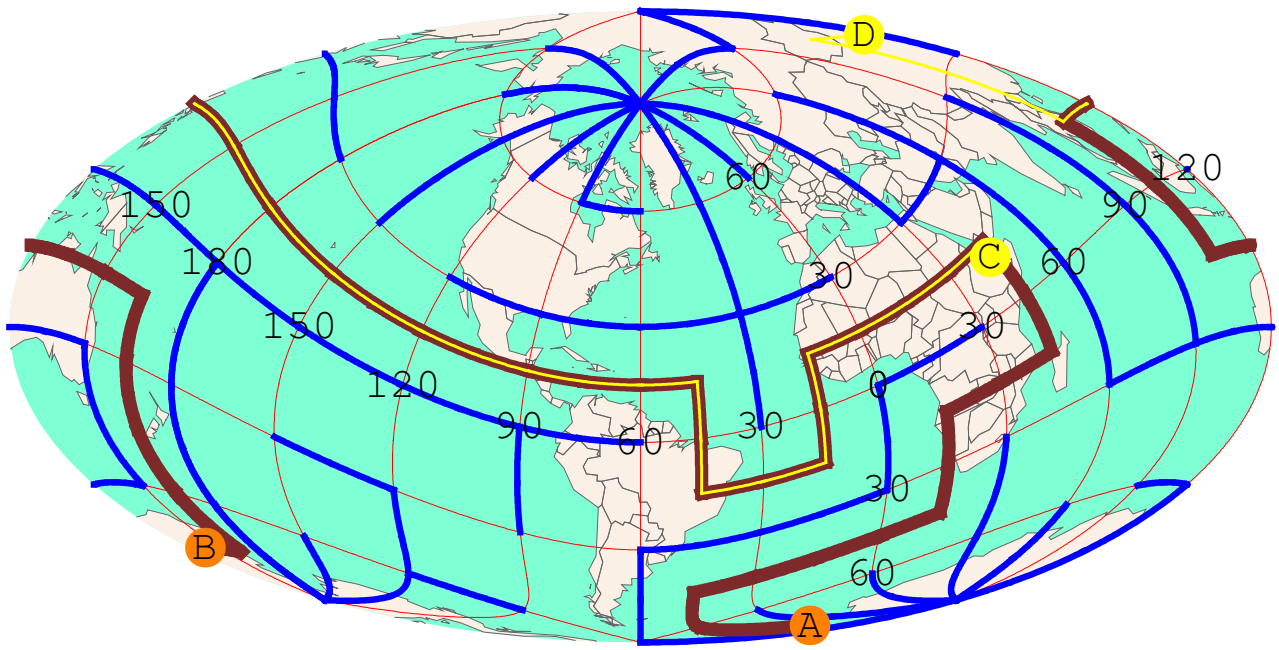
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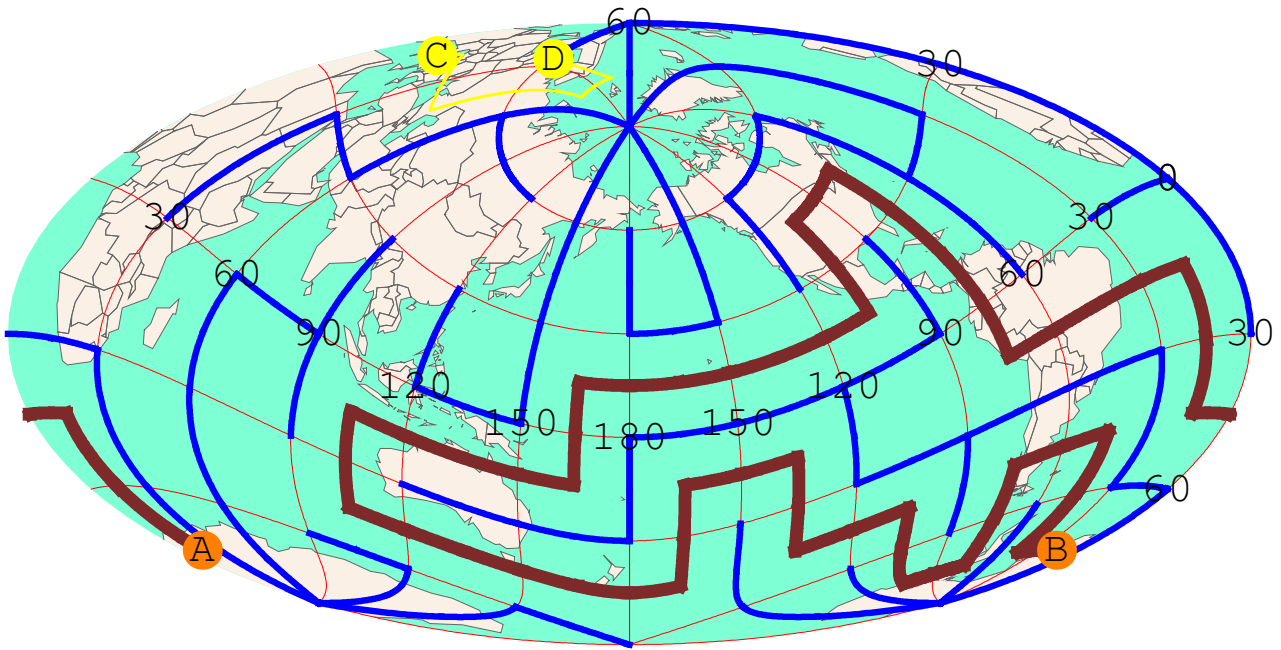
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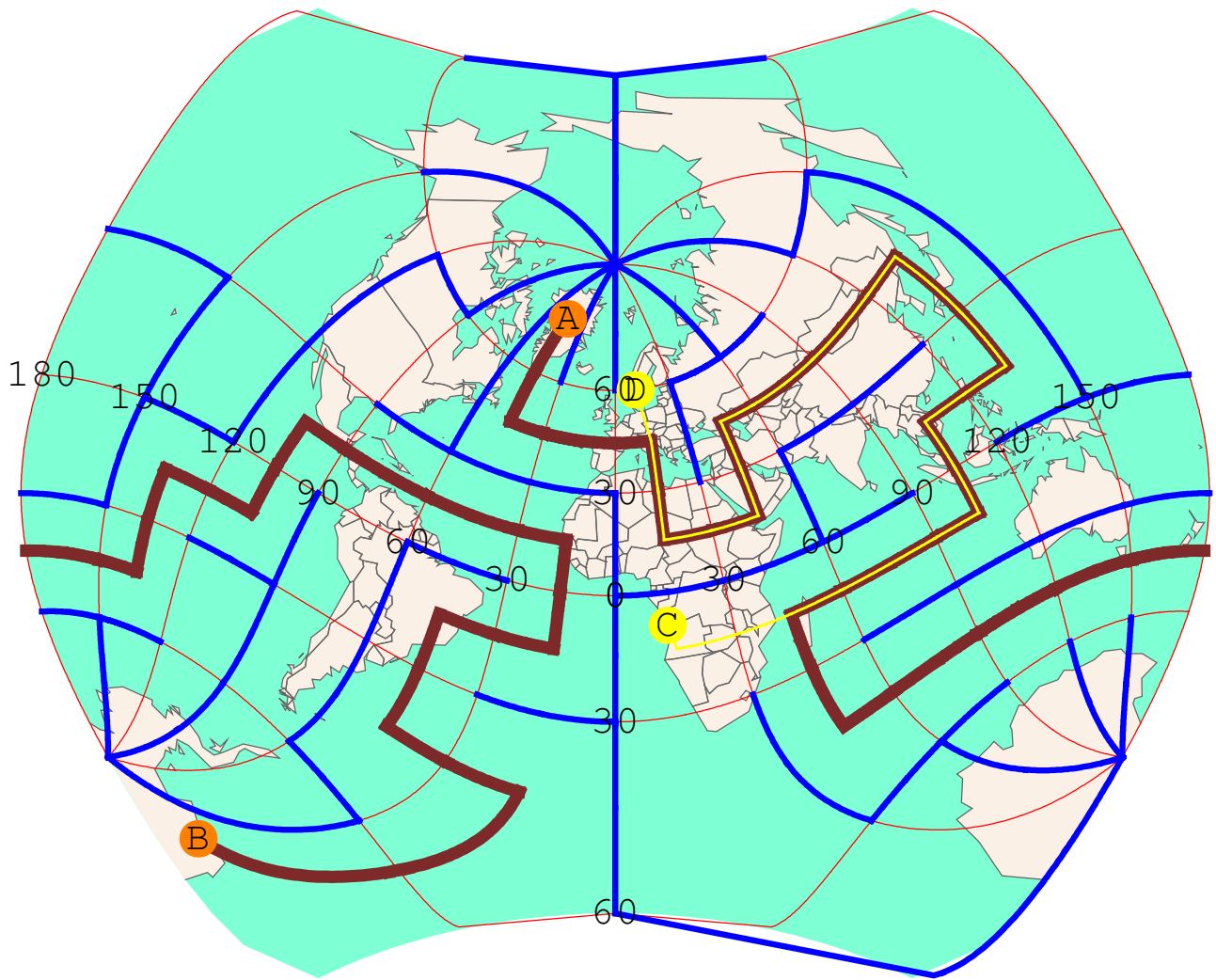
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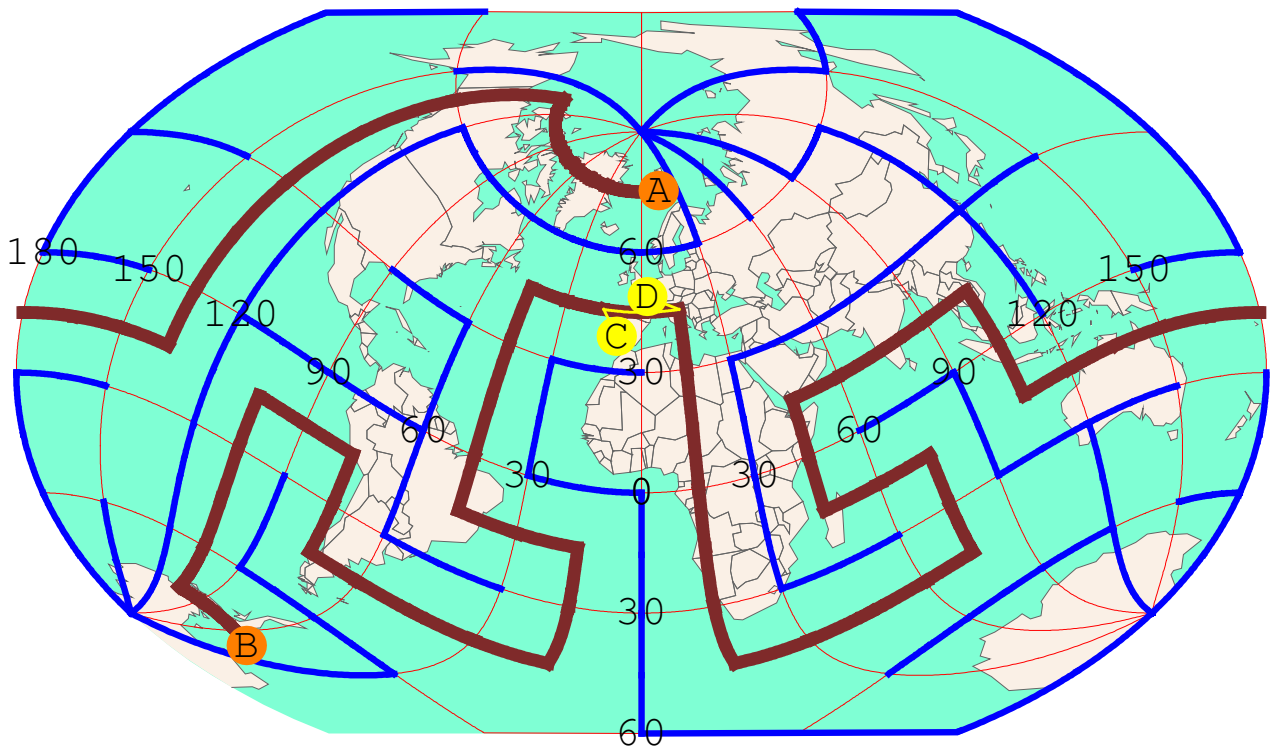
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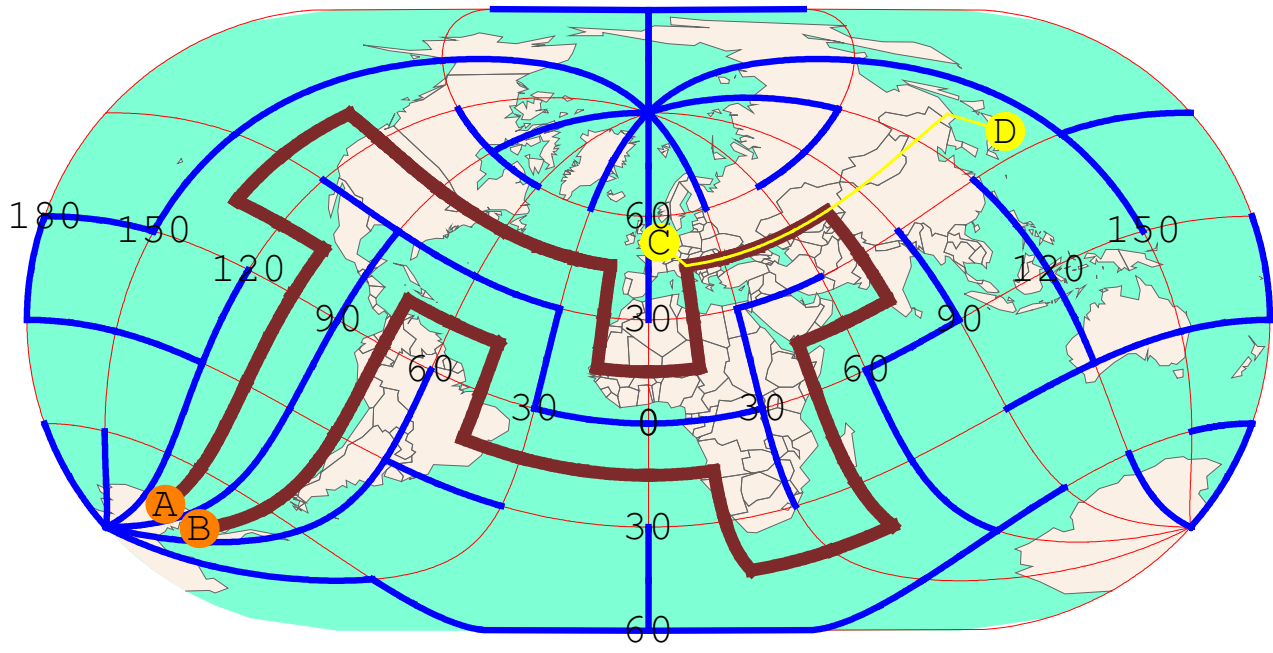
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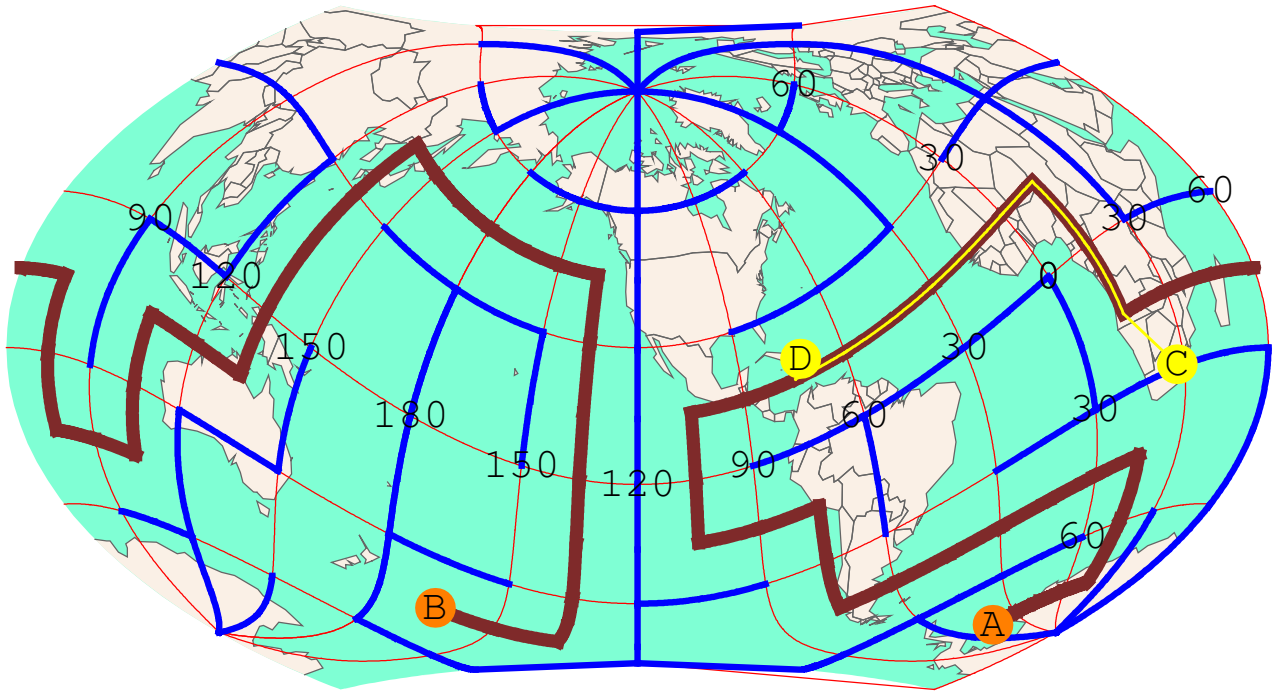
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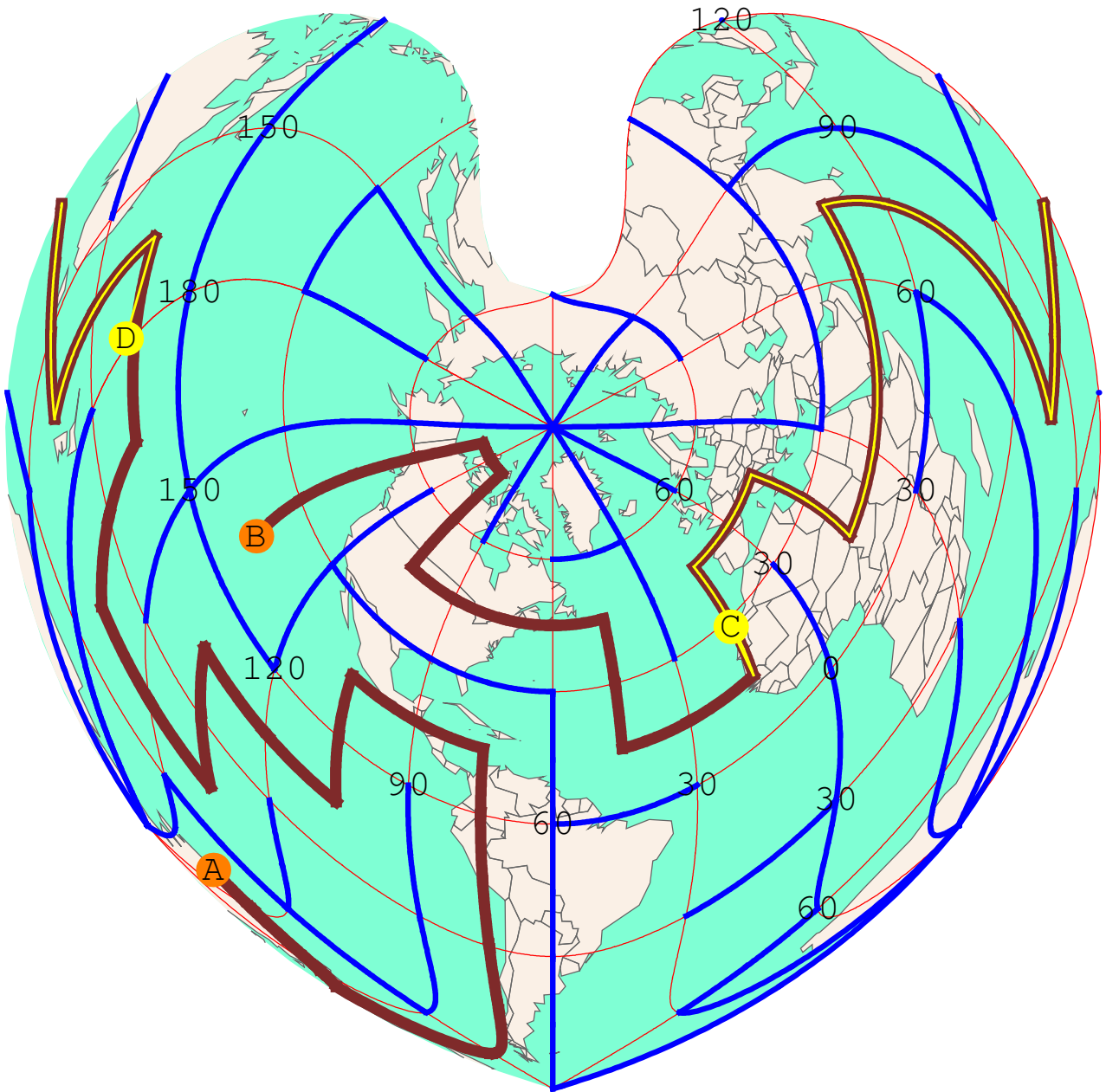
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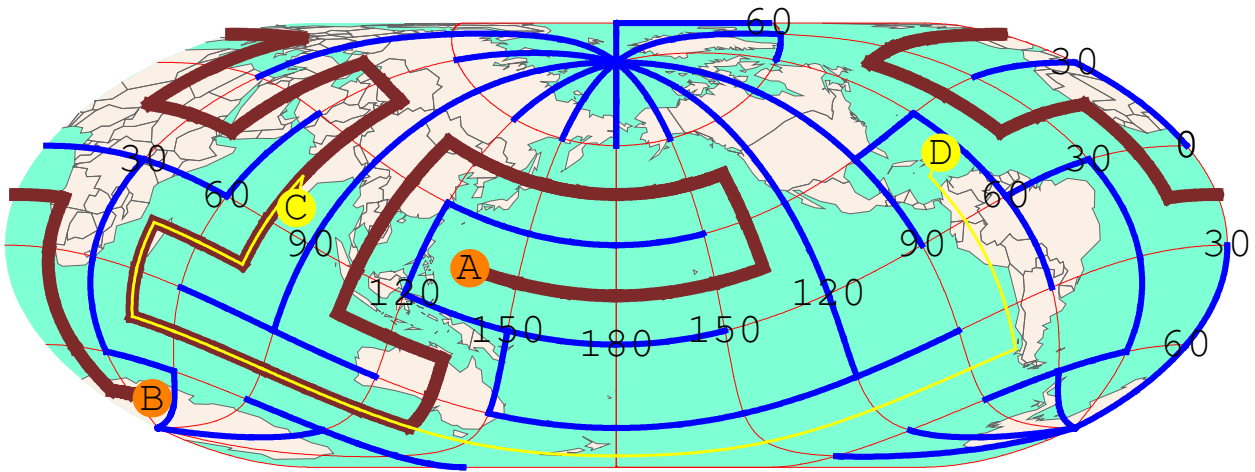
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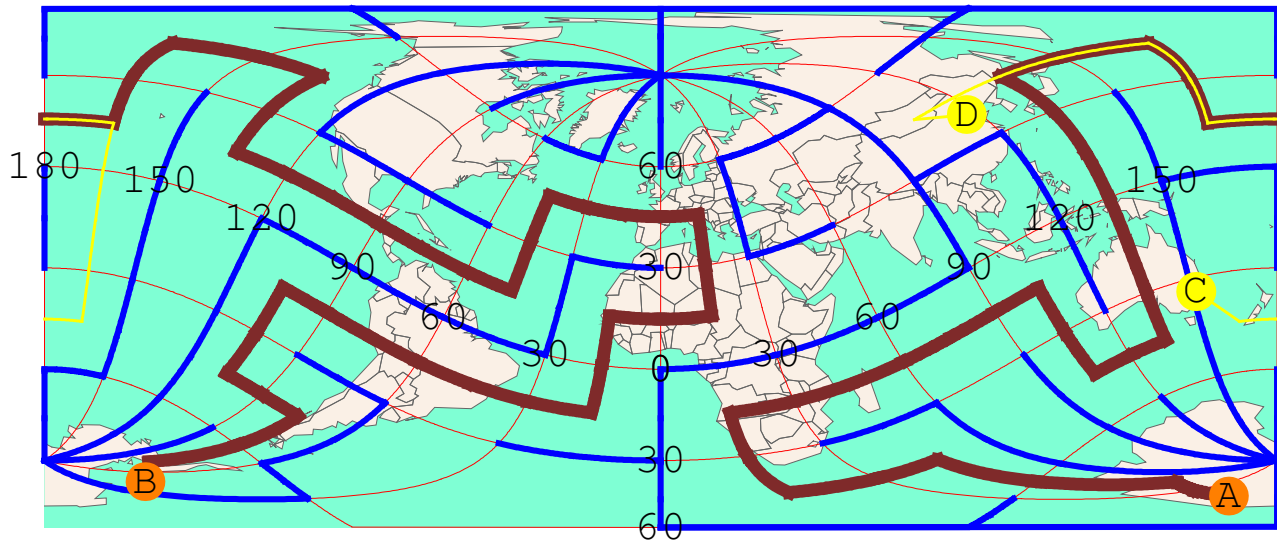
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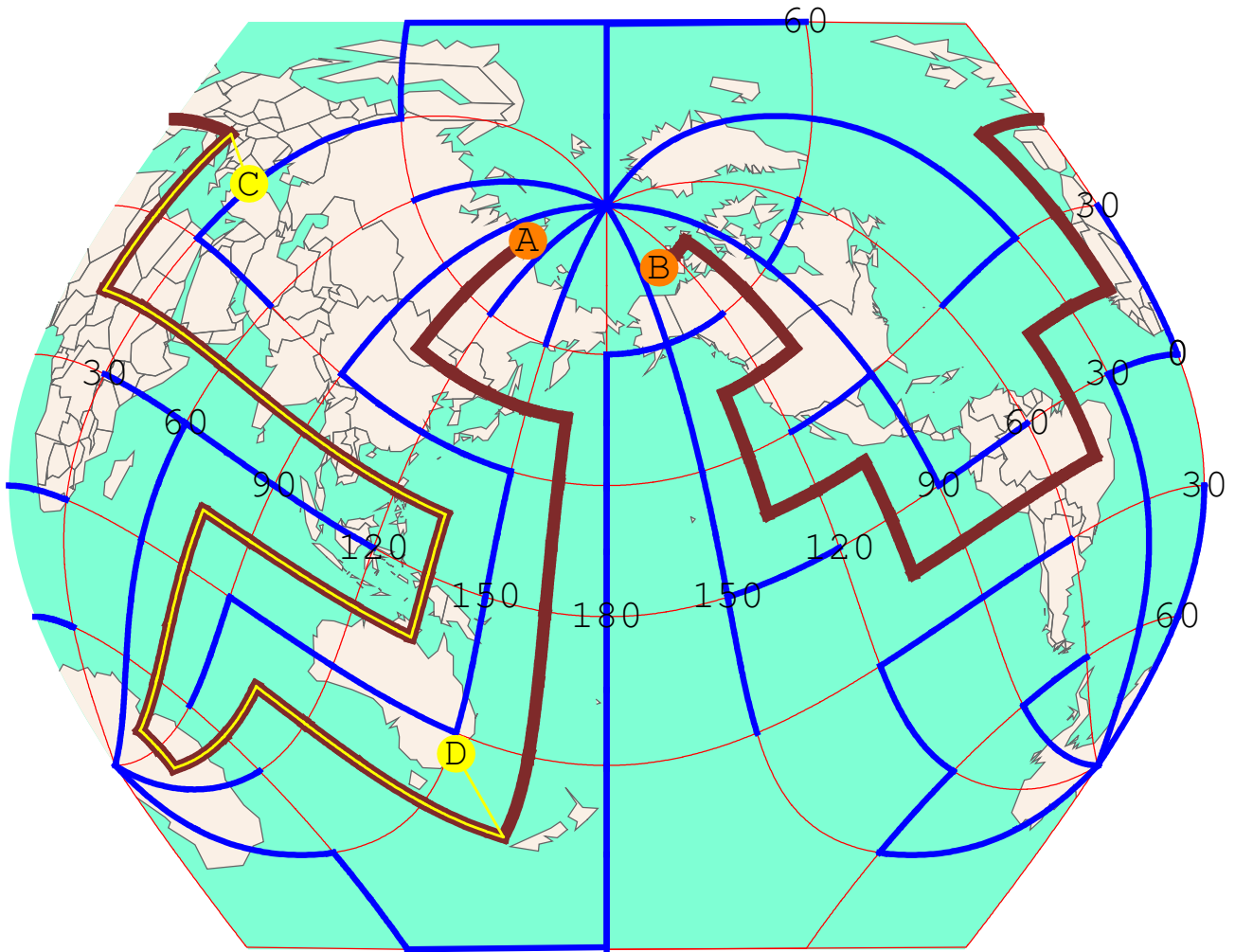
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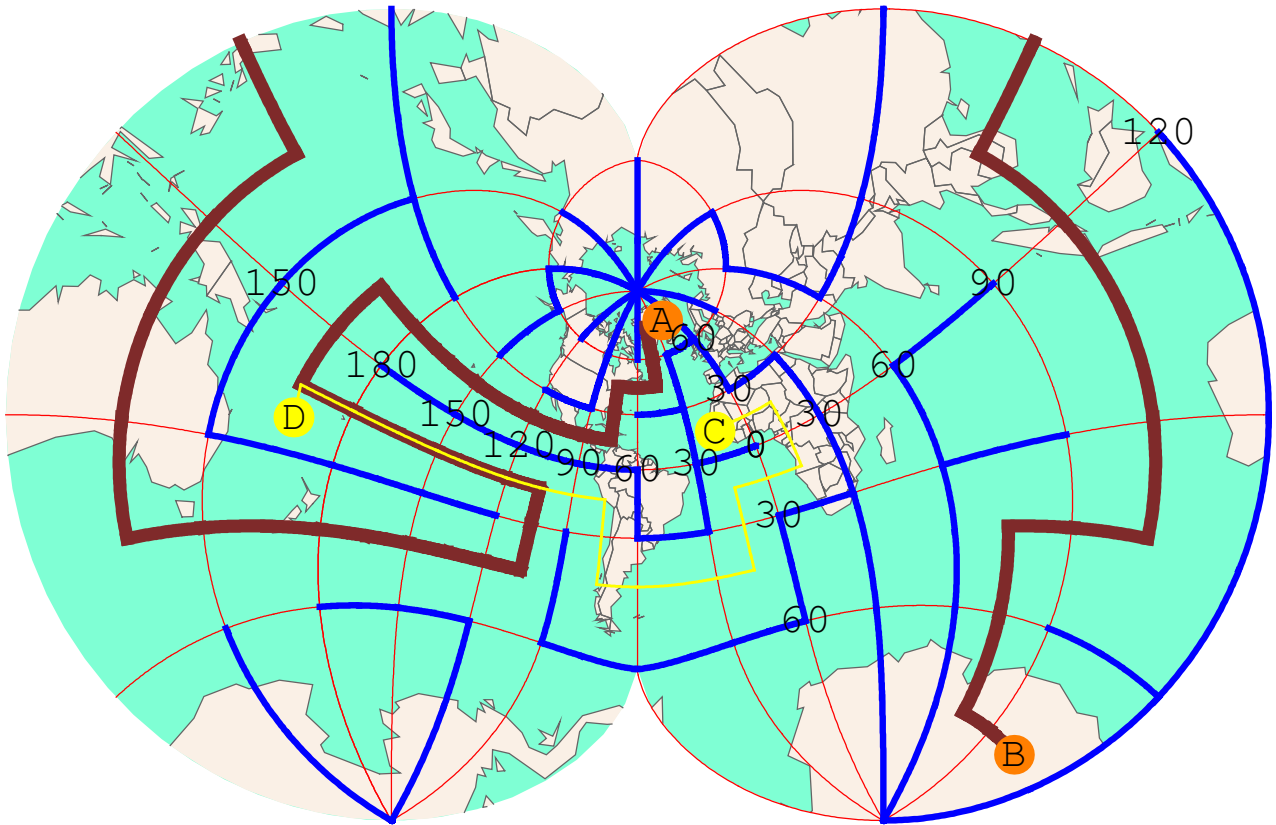
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