Indonesia recommendations (ECS ID-1200)

North West of Sumatra Region

The Nicobar Fan (formed from sediments coming from the Bay of Bengal) lies between Northern Sumatra and the Ninety East Ridge. The ridge, a major feature of the Indian Ocean, acts as a barrier on the western edge of the Nicobar Fan. To the east of the fan, the seafloor first dips gently to the Sunda Trench and then rises steeply over the very complex accretionary zone related to the Sunda Arc.

Five critical FOS points (1, 15, 20, 38, and 43) were used to generate formula points beyond the 200M limit. Following a number of communications with the state, the sub-commission agreed with the methods used to determine the FOS points as well as their locations. Additional considerations were required to confirm the location of FOS 38 as it was located in a region of sediment slumping, debris flow, and turbidite sedimentary deposits. The decision was based on the unique conditions seen in the fore arc region.

Two sediment thickness points (FP 2 and 3) were developed, one of which was accepted and one that the sub-commission determined to be too far seaward. Three other outer limit points (FP 1, 4, and 5) were determined based on tangent lines to the 200M limit, intersection points or computed median lines. The sub-commission did not accept these outer limit points, due to previous practices of restricting tangential constructs. In addition, FP 4 was not accepted because there was no sediment thickness data to support its location. The state conducted a seismic survey in 2010 in order to submit six new FOS points (FOS A-F). FP D was in the same location as the previous FP 2. The sub-commission agreed with the locations of all points besides FP E, which they suggested should be moved 0.7M landward. This point was revised accordingly and accepted by all parties.

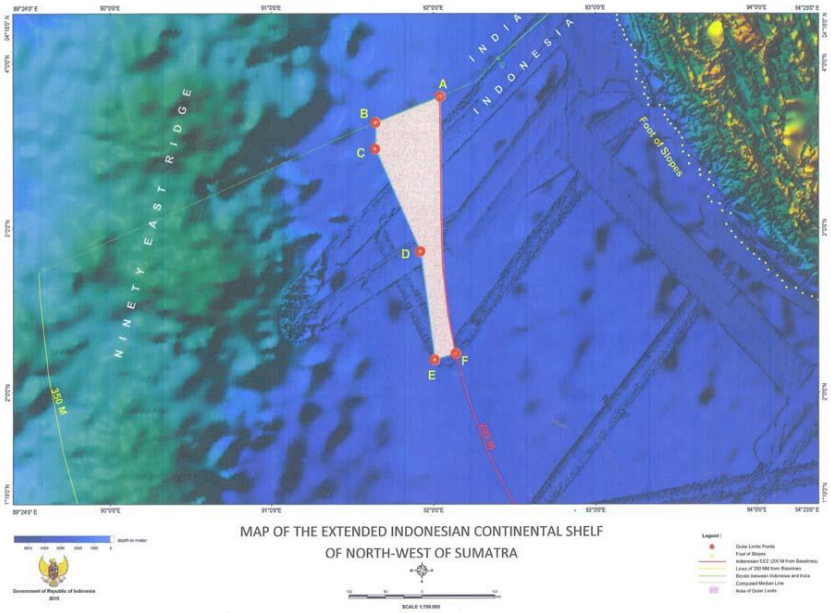

Figure 1. Map showing the ECS of West Sumatra.

Issues

The sub-commission did not accept the method used to determine outer limit points (F1, 4 and 5) which used tangent lines to join to the 200 M line or median lines.