

A high resolution paleomagnetic polarity record during the Early Matuyama Epoch from the ODP Site 1063 cores

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Deep sea sediment cores drilled at ODP Leg 172 Site1063 (deepest part of the Blake-Bahama Outer Ridge) provided high-resolution paleomagnetic polarity and paleointensity records. In this record, three magnetic short events were found; the first one is at upper than Olduvai and the other are between Olduvai and Gauss. The first one could be correlated with the Gilsa event, and the upper one of the other might be Reunion. However, the last one has not been reported, so it is possibly said as a new short polarity event.