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PRESS RELEASE

REPORT ON THE 14 March 2018 EARTHQUAKE RECORDED IN NAMIBIA

INTRODUCTION

Since late 2017, there have been reports of increased earthquake activities in Kamanjab area specifically at Anker settlement. It is located on one of the most active seismic zone in Namibia. This morning, Wednesday the **14th of March 2018 10:34**, an earthquake was recorded in Namibia with a magnitude of **4.0 M_c** approximately **80 km NW of Kamanjab**. Three local seismic stations from the Namibian seismological network recorded the event and preliminary analyses were performed on this data set. Seismic phases were picked from these stations for analyses and the event is located at latitude **(Y): -19.810125°S**, longitude **(X): 14.542512°E**, at a shallower depth of less than 15 km with Coda magnitude **M_c of 4.0**, with a 0.005 degree error in latitude and longitude (approx. +/- 5 km radius).

DATA

Three phase readings were picked by the Geological Survey for WIN (Windhoek), ARMS (Ariamsvlei) and AUSN (Aus) and is shown indicating the time that it occurred at around **10:34 local time**.

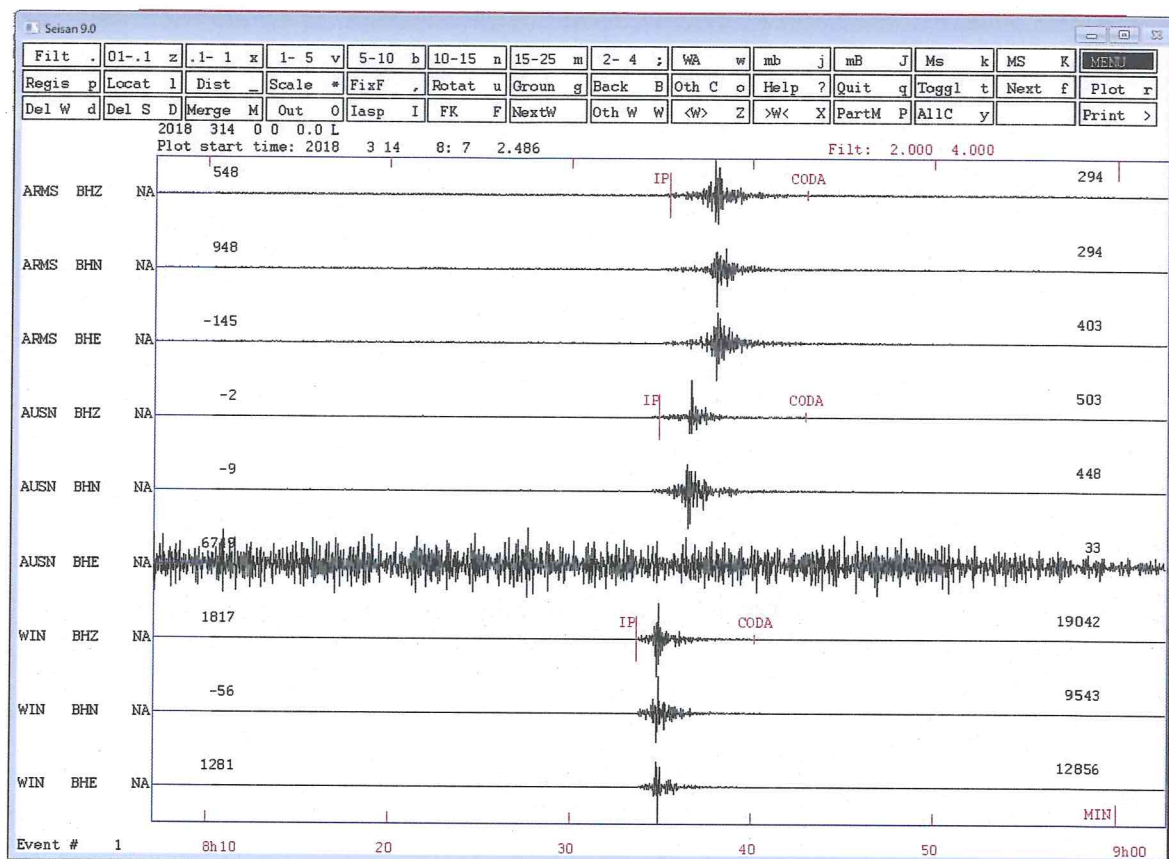


Figure 1: Waveform traces of the earthquake recorded on 14th of March **2018 at 10:34** local time 80 km NW of Kamanjab.

EPICENTRAL LOCATION OF THE EVENT

The current epicentre of the event is located in the Kaoko Orogenic belt, which is a regional tectonic structure. The Kaoko Belt runs in a north-west trending direction and is a tectonic unit on the North West coast of Namibia. The location is one of the seismically active zones in Namibia, where earthquakes are associated with the existing fault system.

EVENT SUMMARY:

The earthquake was located at **-19.810125°S** and **14.542512°E**, depth at 15 km and with a of coda magnitude **1.5**.

