

## New Zealands Continued VLBI Development

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We present the recent developments and capabilities of the New Zealand radio telescopes to the EVN community having in mind the opportunity of using our facilities as part of the EVN. In addition we present the Radio Interferometer New Zealand (RINZ) which consists of two antennas (12m and 30m) at Warkworth in X-band separated by 200 meters. We have recently successfully conducted VLBI with Shao/China using the 2Gbps mode of the DBBC, and started a program of monitoring Intra-day variation (IDV) of compact radio sources using RINZ for an Australia -- New Zealand project at 2 Gbps to obtain higher sensitivity. The RINZ data is correlated locally using DiFX with the Long White Cloud Correlator (LWCC), building our own self-reliance. We are now in the process of moving to the DBBC-Fila10G-flexbuf setup with the aim of retiring the Mk5's within the next 12 months. The 30m is now working with the DBBC-Fila10G-Flexbuf configuration, the 12m will follow shortly.