

EXTENDED BASELINE OF A MODIFIED HIFIX/6 CHAIN

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The original Hifix/6 chain installed for Carigali's offshore seismic survey consisted of a master station at Kijal, and two slave stations at Endau and Tapis B. Due to a combination of problems, primarily noise and baseline length, the Kijal-Endau baseline was unstable and totally unusable at night.

the Kijal-Endau baseline but deteriorated the Kijal-Tapis B baseline.

A solution was finally obtained by modifying the timing at Endau station to lock on to Kuala Pahang station. This modification resulted in a much more stable Kijal-Endau baseline through the Kuala Pahang station which acted as a relay.

A much wider implication from this modification, is that master-slave baseline of a chain need not always have all sea path if the geometry allows a relay in-between.
