



Best Practice / Lesson Learnt

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Service:	Gyro Service General	Incident:	Service Quality Incident
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Field Location:	FBFV - Roma - QLD	Country:	Australia

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Summary:	Manual editing of surface reference deviation.
Details:	<p>A recent incident highlighted a potential service quality issue from manually adjusting a survey station. The client requested to understand why a survey N/E showed a variation from their program once the survey was imported and the NE recomputed. The cause was investigated and it was found that after a memory survey the surface deviation @0m was 1.64° due to the angle of the crane (holding the top sheave) in relation to the wellhead. The survey deviation in the final report was mauley adjusted to 0° but no recompilation of the NE was performed which created the difference between the clients report (used dbmap) and our report. Correct Method – Best Practice if the surface deviation is to be adjusted is to delete the survey performed @0m and add a tie in point in the survey software of 0°.</p>