CASE STUDIES: NON-STANDARD APPLICATIONS OF EQUALIZER TOOLS
#2.0: FLANGE ALIGNMENT
EXTENDED REACH TOOL
2.1 BACKGROUND

LOCATION: confidential
UK Onshore Refinery

OPERATOR: confidential

DISTRIBUTOR: confidential
ENQUIRY SOURCE:
Equalizer staff onsite at refinery during site visit

KNOWN ISSUES:
• Notorious flange-joint, disliked by operator due to difficulty in aligning
2.3 RESPONSE

**Tool Recommendations:**

Based on flange size, standard Equalizer tools are too small.

Equalizer FA9TE had insufficient wing-reach for this flange-joint.
TECHNICAL ISSUE!

Tool modification required – calculations, development and testing required.
• New Extended Reach Hydraulic Alignment tool proposed

• Down-rated hydraulics specified to prevent over-load - caused by increased torsional stresses due to longer wing
2.6 OFFERING

- FA7TELW Long-Wing Hydraulic Flange Alignment Tool.
- Tool supplied within 10 days
- 90% of standard FA9TE components shared
2.7 OUTCOME

- Tools delivered within promised time-scales
- Customer delighted with performance of tool.