

FORTH ROAD BRIDGE CABLE BAND BOLT REPLACEMENT DATA RECORD SHEET

BOLT LOCATION: PANEL POINT 26 NORTH EAST		TEMPERATURE: 14°C		DATE: 30 th April 2009			
BOLT I.D			D				
BOLTSCAN BOLT No.			Machine 184 Band 3. Bolt 146				
L-REF			662.5mm				
INITIAL LOAD			429kN (elongation @ 1.43mm)				
PRESSURE @ INITIAL LOAD			9000psi	A 2 nd INTERMEDIATE LOAD WAS TAKEN @ 9100psi with load @ 725kN. (ELONGATION 2.1mm)			
INTERMEDIATE LOAD			709kN (elongation @ 2.03mm)				
PRESSURE @ INTERMEDIATE LOAD			9000psi				
FINAL LOAD			748kN (elongation @ 2.1mm)				
PRESSURE @ FINAL LOAD			9100psi				
ELONGATION			2.17mm				