



INSPECTION DEPARTMENT
General Report – Main Cable Backstays North & South
DATE. 2013.02.21

(E2.1 Bridge)
REPORT No 388
MAIN CABLE BACKSTAYS N & S

DATE: 20.02.13 to 21.02.13

A full visual inspection of the main cable backstays was carried out on the above dates and the general findings were as follows:

Cable Bands: In general all of the cable bands throughout the length of the backstays North & South remain in a satisfactory condition.

Cable Band Bolts: Throughout the length of the North and South all the cable bands remain satisfactory, in some locations though there is medium to high corrosion evident on the exposed faces and threads of the bolts remedial works required to protect from further deterioration.

Cable Band Bolt Nuts: There was **NO** cracks found on any of the cable band bolt nut faces but there is evidence of paint breakdown and corrosion on certain nuts, especially the prevailing weather element faces. A recommendation was made at time of last inspection to do remedial works to replace the protective coating on the damaged paintwork to prevent any further deterioration, as to date no works have been carried out.

Paintwork: In general the paintwork overall remains in a satisfactory condition.

Handstrand Stanchions: These remain satisfactory with no changes to their condition.

Side Tower Sleeves: These remain in a satisfactory condition with no defects detected.

Anchorage Sleeves: All the sleeves remain in a satisfactory condition.

During the inspection the Bridge Inspectors detected some more acoustic monitoring cables sagging, these were secured by the use of cable ties by the inspectors.

Bridge Inspectors:



INSPECTION DEPARTMENT
General Report – Main Cable Backstays North & South
DATE. 2013.02.21



INSPECTION DEPARTMENT
General Report – Main Cable Backstays North & South
DATE. 2013.02.21