



INSPECTION DEPARTMENT
General Report – Main Cable Backstays North & South
DATE. 2014.02.25

(E2.1 Bridge)  
REPORT No 421  
MAIN CABLE BACKSTAYS N & S

DATE: 25.02.14

A full visual inspection of the main cable backstays was carried out on the above date 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 as per previous inspections.

**Cable Band Bolts:** All the cable band bolts remain in a satisfactory condition throughout; in some locations though there is medium to high corrosion evident on the exposed faces and threads of the bolts; remedial works are required to protect these from further deterioration.

**Cable Band Bolt Nuts:** **NO** cracks detected on any of the cable band bolt nut faces however evidence of paint breakdown and corrosion remains on certain nuts, those on the prevailing weather faces especially. At time of last inspection a recommendation was made to do remedial works to replace the protective coating on the damaged paintwork to prevent any further deterioration; to date no works have been carried out.

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

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

**Side Tower Sleeves:** As previously reported; no change to their condition; all remain in a satisfactory condition.

**Anchorage Sleeves:** No changes to previous inspections; all remain in a satisfactory condition.

Bridge Inspectors:



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