



INSPECTION DEPARTMENT
Main cable general report No 352.
DATE. 06/03/12

(BC 07)
REPORT No 352.
MAIN CABLE.

DATE: 28/02/12 TO 01/03/12.

The main cable was visually inspected between the above dates , general findings were as follows. :

Cable bands. : Cable bands were found to be in a satisfactory condition with no defects apparent. Paintwork on suspender rope bitumastic protective covering on cable bands beginning to show signs of breakdown throughout structure. Main cable dehumidification cable wrapping at connection to cable bands have air pockets evident.

Cable band bolts. : All cable band bolts throughout the suspended structure remain in a satisfactory condition **with the exception of however 15 bolt locations which carry 16 in No defective nuts. There are 2 locations where cable band bolts have 2 in no defective nuts.** Please refer to attached sheet for all relevant bolt locations . Contained in BC.07 Files (main cable) are photographic records of all locations and there current condition . It should be recorded that following these findings that there will be **daily inspections** of the **two bolt locations which carry two defective nuts on their respective cable bands. Also main cable inspection schedule to be changed from 6 monthly to monthly until further notice.** Cadmium plating breaking down, on nuts & bolt protective end caps this was following required removal of end caps to carry out cable band bolt readings as requested during main cable dehumidification program of works. Areas of pitting & corrosion remain evident .

Handstrands/Stanchions. All remain in a satisfactory condition.

Handstrand cable casting clamp/post connections. : Remain as inspection carried out in 2007. Following request from Advitam, temporary hardwood wedges were installed at various locations throughout the structure to reduce the noises levels being transmitted to the acoustic monitoring sensors. This method of noise reduction was only supposed to be a **temporary measure ,** wedges now beginning to break down and plastic ties which hold them are beginning to become brittle, programme of works to be implemented.

All information recorded & entered on structure report program. All relevant information contained in BC. Files 07 main cable.

Bridge Inspector. :



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