

General Inspection Report

(BC06)

REPORT No.82

EXPANSION JOINT

DATE: 19/02/2001 TO 26/02/2001

THE NORTH & SOUTH DE-MAG EXPANSION JOINTS WERE VISUALLY INSPECTED OVER AN INTERMITTANT PERIOD BETWEEN THE ABOVE DATES,GENERAL FINDINGS ARE AS FOLLOWS:

STRUCTURAL STEELWORK: ON THE WHOLE APPEARS IN A SATISFACTORY CONDITION,ie: SUPPORTS / STIFFENERS AND THE PLATES THEMSELVES, ALL APPEAR O.K. THERE IS SOME VERY SLIGHT CORROSION EVIDENT ON THE PLATE EDGES UP IN THE CELLS.

FIXINGS: THE ROCKER PLATE PINS & SPRINGS IN GENERAL APPEAR O.K. APART FROM ONE LOOSE ONE AT THE SOUTH DE-MAG, NO COMPRESSION ON SPRING ALLOWS PLATE TO BOUNCE SLIGHTLY. THE **TONGUE PLATE SPRINGS** HOWEVER ARE SHOWING CONSIDERABLE SIGNS OF CORROSION & BREAKDOWN WITH A TOTAL OF 17off CRACKED AND 12off SNAPPED
(LOCATIONS HIGHLIGHTED ON ATTACHED SURVEY SHEET).

LINK PINS: THE EXCESSIVE WEAR AT THE ROCKER / SLIDING PLATE CONNECTIONS REMAINS THE SAME, IF NOT WORSE THAN PAST REPORTS, IT APPEARS THAT THE LAST PLATE IS STARTING TO REMAIN STATIONARY, WITH THE MOVEMENT BEING TAKEN UP BY THE WEAR ON THE FRONT PLATE CONNECTIONS.

SURFACE PLATES: RE-SURFACE WORKS CARRIED OUT THIS PERIOD, THERE IS HOWEVER 8off PLATES WITH DAMAGE TO (OLD) SURFACING AT THE SOUTH TOWER. (SURVEY SHEET ATTACHED).

DEFECTS DETAILED AND ENTERED ON THE STRUCTURE REPORT PROGRAMME.

INSPECTORS: