

General Inspection Report

(BC06)

REPORT No.132
EXPANSION JOINT

DATE: 30/01/2003 TO 10/02/2003

PENDING THE POSSIBILITY OF FUTURE PLANNED REFURBISHMENT WORKS, THE DEMAG EXPANSION JOINTS BOTH NORTH & SOUTH WERE VISUALLY INSPECTED BETWEEN THE ABOVE DATES. A COMPLETE COMPREHENSIVE SURVEY INCORPORATING THE GENERAL INSPECTION WAS CARRIED OUT AND ALL RELEVANT INFORMATION GATHERED & SUBMITTED TO THE E.S.M..

STRUCTURAL STEELWORK. : IN GENERAL APPEARS TO BE SATISFACTORY HOWEVER THE RADIUS GIRDERS HAVE CONSIDERABLE WEAR AT SLIDING PLATE SURFACE.

PINS & SPRINGS. : THE **ROCKER** PLATE SPRINGS & PINS APPEAR INTACT APART FROM ONE AT THE SOUTH TOWER. THE **TONGUE** PLATE PINS APPEAR **O.K.**, HOWEVER THE PAST REPORTED DAMAGE (**CRACK/ SNAP**) TO SPRINGS NOW, ON DETAILED INSPECTION, APPEARS TO BE THAT THE SPRINGS HAVE BEEN PIECED TOGETHER.

LINK PINS & BUSHES. : AS PAST REPORTS, THE PINS & BUSHES HAVE CONSIDERABLE WEAR EVIDENT. (DETAILS OF NUMBERS ON NEW SURVEY SHEET.)

PAINTWORK. : THERE IS MINOR CORROSION EVIDENT THROUGHOUT. THE REMEDIAL WORKS CARRIED OUT APPEARS O.K. ON THE FIXINGS, HOWEVER THE PAINTED SPRINGS & FLAT SURFACES APPEAR TO BE BREAKING DOWN OR SHOWING LOSS OF ADHESION IN PLACES.

SURFACE PLATES. ; REMAINS AS LAST INSPECTION. ONE PLATE REMAINS UNSURFACED (STILL IN RED PRIMER.) AT THE S/W MAIN TOWER AND CRACKING ON THE H.R.A. PANELS AT THE N/W MAIN TOWER. (PLEASE REFER TO ATTACHED SURVEY SHEETS.)

ALL DEFECTS DETAILED & ENTERED ON THE STUCTURE REPORT PROGRAMME.

INSPECTORS.