

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000554**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 19-Dec-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

Item	Title	Detail
1	Other important observations	<p>Shop floor walkthrough at around 1245 hours.</p> <p>OBG Deck Mock-Up: The closed ribs of two deck panel splices were assembled together with temporary bolts. Bolting procedure which ZPMC submitted is under reviewing. No activity was observed when I was on the shop floor.</p> <p>OBG Bottom and Side Plate: ZPMC continued preparing T-stiffeners. ZPMC continued welding bottom / side plate splices. ZPMC continued assembling and tack welding open ribs to the side plate.</p> <p>OBG Floorbeam: ZPMC continued CNC trimming and cutting T-stiffener slots for floorbeam web plate part FL-1. ZPMC was observed assembling and tack welding stiffeners to the floorbeam web plate part FL-1. ZPMC started assembling and tack welding floorbeam welded parts FL3-2 and FL3-3 with welded parts FL3-1 and FL3-5.</p>
2	Major component movement	<p>OBG closed rib Weld trial #2.</p> <p>CT QA personnel selected 149 macro specimens for testing. ZPMC/ABF had evaluated all 149 specimens. Based on ZPMC/ABF's evaluation, 53 macro specimens met the Special Provisions, while the remaining of 96 macro specimens did not meet the Special Provisions. CT received the first set of 48 macro specimens and evaluated them today. CT's evaluation showed that 28 specimens met the Special Provisions, while the other 20 specimens did not meet the Special Provisions. Six (6) macro specimens, which were rejected by ZPMC/ABF, met the Special Provisions based on CT's evaluation. Three (3) macro specimens, which were accepted by ZPMC/ABF, did not meet the Special Provisions based on CT's evaluation. CT was reviewing the second set of 101 macro specimens and the result is pending.</p>

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3	Other important observations	Based on Special Provisions, AWS D1.5, and AASHTO, I updated OBG dimension tolerance spreadsheet by adding the specified straightness, alignment, offset, location, and sweep requirements for OBG longitudinal stiffeners and ribs.
4	Heat Straightening Requests (HSRs)	Reviewed and approved ABF HSR transmittal TL-07-0825.
5	Critical Weld Repairs (CWRs)	Reviewed and approved ABF CWR transmittal TL-07-0824.

Inspected By: Liu, Chengwen

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer
