

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-000555**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 18-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 0745 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 closed rib Weld trial #2: CT QA personnel selected 149 macro specimens for testing. ABF had evaluated the first set of 48 specimens, but the result of acceptance or rejection is pending.</p> <p>OBG Bottom and Side Plate: ZPMC continued welding bottom / side plate splices. ZPMC continued welding T-stiffeners to the bottom / side plate. As of today, there were 22 welded bottom / side plates that were stored in bay #3.</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.</p>
2	Meetings attended	Attended weekly SAS fabrication update briefing conference meeting at 0900 hours. SAS fabrication progress and current issues were discussed.
3	Heat Straightening Requests (HSR's)	I reviewed and approved ABF transmittals TL-07-0817 and TL-07-0818, containing HSR(B) 002 to HSR(B) 007 for correcting welding caused distortions of floorbeam web plate FL-1 parts. In order to reduce the distortion, ABF also submitted one Field Change Report for the floorbeam fabrication procedure regarding the distortion control. After discussions with ABF Mr. Gang Jiao about the new distortion control procedure, I reviewed and approved the change.

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| 4 | Heat Straightening Requests (HSRs) | I reviewed and approved ABF transmittals TL-07-0814 and TL-07-0815, containing heat straightening requests for correcting the deflection of the welded T-stiffeners to bottom / side plates. |
| 5 | Key conversations | I had a discussion with ABF Mr. Peter F. regarding the deflection of the welded T-stiffeners to bottom / side plates. Since the same problem appeared to be happening repeatedly, it was agreed that it is important to find the potential reasons which caused the non-square of the welded T-stiffeners. I also had a discussion with CT Mr. Robert C. regarding the potential ways to reduce the deflection. |

Inspected By: Liu,Chengwen

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
