

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.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000315**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 26-Sep-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

Item	Title	Detail
1	Other important observations	<p>I conducted a shop floor walkthrough at 08:30 today. I did not observe any welding on closed ribs, and there was no change in the condition of the OBG bottom panel fabrication bay. I witnessed ZPMC performing NDT on the stiffeners of the 114-m section of the Tower mock-up. ZPMC was also preparing to perform repairs on the Skin E stiffeners of the 77-m mock-up.</p> <p>The diaphragm flange plates that were bent at Wuxi were delivered into the Tower mock-up fabrication bay. The dimensional checking template was not on-hand. ZPMC checked the dimensions of the flange plates by trying to fit them into a welded diaphragm plate. The flange plate did not fit; there were gaps as large as 25 mm between the flange plates and the diaphragm.</p>
2	Meetings attended	<p>At the 13:30 daily meeting, ZPMC asked if it was acceptable to perform a third CVN test on a shape that had already failed twice. They stated that the sample for the first retest was taken from the same coupon that the original failed sample was cut from. It was agreed that ZPMC would be allowed to conduct the third test by taking a sample from a different location, but that the results of all three CVN tests would be considered before accepting the material. We requested that we be present to witness the cutting of the third sample.</p> <p>We also discussed an issue with material traceability. Some plates that were submitted for check sampling did not have the heat numbers indicated on the MTRs as required by ASTM A6. ABF and ZPMC will discuss this issue before proposing a resolution to CT.</p> <p>We discussed the bent flange plates that arrived from Wuxi. ABF and ZPMC will discuss their plan for ensuring that the bent plates meet allowable tolerances.</p>

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