

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

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-000292**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 17-Sep-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 1**HSR's:** 0 / 2**NCR's:** 0 / 3

Item	Title	Detail
1	Other important observations	<p>At approximately 1030 hours I performed a walk-through of the Tower Mock-Up fabrications and the following was observed:</p> <ol style="list-style-type: none"> <li>1. ZPMC has flipped over Skin Plates A and E of the 77m mock-up to perform repairs to the opposite sides of the longitudinal stiffener welds (CJP). The excavations being performed on Skin E were similar to the ones made to the opposite side of the welds early last week. I could not see the excavation on Skin A due to the heating elements covering it at the time.</li> <li>2. On the 114m mock-up, the longitudinal stiffeners appeared to be complete on Skin Plate B (upper and lower), and Skin Plate C (upper). Welding was in process on Skin Plates A (upper and lower) and C (lower). The stiffeners to Skin Plate D (upper) were being fit-up during the walk-through.</li> <li>3. Drilling continued on the 114m splice internal splice plate bolt holes. 10-12 plates appeared to have half the holes cut into them.</li> <li>4. One 89m mock-up diaphragm plate had been moved to the CNC cutting bed, but no work was being performed at the time of the walk-through.</li> </ol>
2	Other important observations	<p>The Shanghai Steel Technology Institute (SSTI) received the first set of check samples on 12-SEP-07. I was informed today that SSTI would be complete with Charpy impact testing later today and would start on the tensile testing tomorrow. The machining of chemical test samples and chemical analysis is scheduled to complete by 19-SEP-07.</p>
3	Meetings attended	<p>At 1330 hours I attended the Fabrication Issues meeting with ABF/ZPMC. Highlights from the meeting were as follows: 1. Today ZPMC requested to have the ABF translator present and the meeting was primarily conducted through the ABF translator in communication with the ZPMC personnel. This is the first meeting I have witnessed conducted in this manner. It appears that ZPMC wanted to ensure there is no misinterpretation of the discussions. We will not know if this a one time event or an indication of how future meetings will run until we have a few more meetings. 2. ZPMC has performed a base metal repair adjacent to a weld and are requesting</p>

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clarification regarding how much of the weld should be reexamined by nondestructive testing after the repair. METS stated that the Special Provisions and the AWS code address this question. ABF to get with ZPMC to show them this portion of the specifications. 2. ZPMC stated they would be testing the rolled shapes for the Fine Grain Practice and requested a METS inspector be present when they cut the samples. METS agreed to have an inspector present. 3. ZPMC requested ABF and the Department sign the copy of the meeting minutes of the fabrication issues meeting in order to show that both groups agree with ZPMC's understanding of the meeting discussions. Both ABF and the Department stated that there are better, and faster, methods to do this during the meeting and there would be no need to sign a copy of the minutes. 4. ZPMC wants to write a WPS for overhead tack welding and for it to cover all joint configurations. ABF and METS requested ZPMC write the WPS and forward for to both groups for review. 5. ZPMC requested more information on why the THY-55 wire was rejected for use. Topic was tabled to give ABF and METS time to relook at the RFI. 6. The RFI regarding the 16 heats of material tested at the wrong temperature and the proposal to perform additional testing is still pending with ABF/ZPMC.

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**Inspected By:** Smith,Ryan

Quality Assurance Inspector

**Reviewed By:** Wahbeh,Mazen

QA Reviewer

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