

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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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-000684**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 06-Mar-2008**Location:** Changxing Island, Shanghai, PRC**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

Item	Title	Detail
1	Meetings attended	0800- Attended the METS Weekly meeting.
2	Critical Weld Repairs (CWRs)	I reviewed and approved CWR(CT)-002R3 for closure.
3	Heat Straightening Requests (HSRs)	I reviewed and approved HSR(CT)-29, HSR(CT)-30 for closure.
4	Key conversations	0730- Gene Rosamilia, ABF discussed a field change that ABF/ZPMC wanted to process through the field change notice process. The FCN dealt with changing a mockup up weld detail to another prequalified joint. I agreed that a change to a weld detail being used in production met the criteria to use the FCN process.  1400-I discussed field change #32 with Jim Reid. The FCN deals with adding an additional fitting lug the diaphragm to stiffener on the 89m mockup to replicate the fitting lug that will be used during production. Jim and I discussed that if a fitting lug with smaller dimensions is used if it will adequately replicate the fitting lug required by the contract. The change has been approved through ABF-RFI-344 Rev. 3 for the addition of another fitting lug with the contract dimensions.
5	Other important observations	At 1120 hours I went on a shop floor walkthrough with Keith Hoffman, John Kinsey, and Venkatesh Iyer.  77m- ZPMC has completed MT of skins to A to B on both sides of the diaphragm. A METS inspector performed MT on the joints which were identified as having indications on 3-3-08. The cracks were ground off on 3-4-08 so I directed the inspector to perform MT to see if the cracks were still present. On SA104, the inspector noted that 3 of the previously identified cracked welds were still present and accepted by ZPMC QC. The two cracks on SA95 were identified and rejected by ZPMC QC.  89m- ZPMC was working on CWR 40. ZPMC was not working on other parts of the mockup at the time I was walking through. I received ABF/ZPMC's Partial Mockup Fabrication procedure today. The procedure

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is under review but appears to conform to the discussion that were held between the Department and ABF/ZPMC. The procedure does not include a procedure for the cracks found on 3-3-08.

114m-No work being observed. Splice plates for the longitudinal stiffeners are being put into place and being held by drift pins until they are bolted. ZPMC has 4 splice plates remaining.

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**Inspected By:** Ishibashi,Josh

Quality Assurance Inspector

**Reviewed By:** Wahbeh,Mazen

QA Reviewer

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