

**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-000508**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 29-Nov-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 35**HSR's:** 0 / 17**NCR's:** 0 / 16

Item	Title	Detail
1	Key conversations	At 0830 hours, Ryan Smith and I took John Hamer (ABF) and David Wu (ABF) to the Tower Base Template. We showed Mr. Hamer the control points that were not protected with a corrosion inhibitor. Mr. Smith recommended that ABF use Densotape to protect the control points or at least the same type of corrosion inhibitor that is used on the bolting tabs. We also showed Mr. Hamer the damaged bolting tab on quadrant "G".
2	Meetings attended	At 0930 hours, Mr. Smith and I had a meeting with Soononn Low (ABF) and Wen Yu Liu (ZPMC) regarding the changes to the Tower Mockup Fabrication Plan. Mr. Low showed us a detailed procedure that ZPMC was using to perform complete joint penetration and partial joint penetration welds on the longitudinal stiffeners. The step in the mockup fabrication procedure which explains this welding will be deleted and the detailed procedure will be added. Changes to the fabrication procedure will be marked with a box with the number of the revision. We first looked over the mockup fabrication plan for the 77m mockup. We explained that the term "heat straightening" and "heat treatment" and not synonymous and "heat treatment" should be changed to "heat straightening". Mr. Smith noted also on Step 6, pg 21 of the 77m mockup fabrication procedure that the machining sequence needed to be more detailed to reflect the multiple times the diaphragm plates would have to be flipped in order to machines the keys and bolt holes in the diaphragm plate. We made the same comments for the 89m and 114m fabrication plans.
3	Other important observations	At 1330 hours, Cheng Wen Liu and I went on a Fabrication Shop Walkthrough. In the shop we observed the following (1) ZPMC was conducting a heat straightening repair on Skin "C" of the 89m mockup. (2) ZPMC was fitting up a diaphragm for the 114m mockup. (3) ZPMC was performing gantry welding of PJP welds on skin "D" for the 89m mockup.

**Inspected By:** Ishibashi, Josh

Quality Assurance Inspector

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**Reviewed By:** Wahbeh,Mazen

QA Reviewer