

**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-000567**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 19-Dec-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

Item	Title	Detail
1	Major component movement	<p>OBG Production:</p> <p>Welding floorbeams and flanges to floorbeams,            Welding T-Stiffeners to OBG Skin Plates,            Splice welding OBG Skin Plates.</p> <p>77m Tower Mock-up:            QC and QA performed final MT and VT of Diaphragm Plate to Stiffener welds. Lack of Fusion indications on bevels was observed and is being repaired.</p> <p>89m Tower Mock-up:            Heat Straightening Skin Plates.</p> <p>114m Tower Mock-up:            Welding Skin Plate to Skin Plate corner welds.</p> <p>Closed-rib Weld Trial:            ABF delivered the samples and reports for the macro-etch samples for Weld Joints 1 and 2. ABF accepted 28 of the 101 samples.            QA completed evaluating samples from Weld Joints 3 through 10 and began evaluating samples from Weld Joint 1. Many of the samples will need to be re-etched due to insufficient etching or corrosion causing difficulties with the interpretation of the samples.</p>
<b>Inspected By:</b> McClary, David		Quality Assurance Inspector
<b>Reviewed By:</b> Lowry, Patrick		QA Reviewer