

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-000435**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 05-Nov-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 28**HSR's:** 0 / 10**NCR's:** 0 / 11

Item	Title	Detail
1	Major component movement	<p>OBG Production: Fitting T-Stiffeners to OBG Bottom Plates.</p> <p>77m Tower Mock-up: No welding observed.</p> <p>89m Tower Mock-up: Welding stiffener plates between diaphragms.</p> <p>114m Tower Mock-up: No welding observed.</p> <p>Closed-rib Weld Trial: ZPMC completing dimensional survey.</p>
2	Meetings attended	<p>Caltrans met with ABF and ZPMC at 1300 to discuss issues and the schedule for the next three days.</p> <p>The 3rd batch of check samples is being cut today. The MTR's for the 4th batch of check samples are being reviewed by ABF.</p> <p>ZPMC presented Caltrans with the Schedule for the Deck Plate Mock-up. The schedule shows preparation to start today, welding of closed-ribs to start on November 12th and completion on November 20th. ABF acknowledged that they are proceeding at their own risk, since the Weld Trial has not been approved.</p>
3	Key conversations	<p>QA spoke with ABF Level III Steve Lawton regarding the calibration standards for the Closed-rib UT procedure. QA checks have shown a large variation (up to 40%) in response signal. Mr. Lawton stated he had heard of this issue and was exploring making more calibration standards using Electrical Discharge Machining (EDM) to make more accurate notches.</p>
4	Other important observations	<p>ZPMC continued welding their internal trial for the Stiffener to Tower Skin Plate welds.</p>

