

**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 #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000469**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 15-Nov-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 27**HSR's:** 0 / 10**NCR's:** 0 / 12

Item	Title	Detail
1	Critical Weld Repairs (CWRs)	Re-submittal of CWR's 2 through 18 related to repairs of Tower Skin Plate Stiffeners
2	Major component movement	<p>OBG Production:</p> <p>Fitting and welding T-Stiffeners to OBG Bottom Plates, Fitting and welding floorbeams, Drilling and cutting T-Stiffeners.</p> <p>77m Tower Mock-up: No welding observed.</p> <p>89m Tower Mock-up: Welding stiffener plates between diaphragms, Welding Longitudinal Stiffener to Skin Plate.</p> <p>114m Tower Mock-up: Weld Longitudinal Stiffener to interior splice plates.</p> <p>Deck Plate Mock-up: Performing dimensional inspection. (deck flatness)</p>
3	Meetings attended	<p>Caltrans met with ABF and ZPMC at 1300 to discuss issues and the schedule for the next three days.</p> <p>CWR's for the Tower Stiffener to Skin Plates are currently under review by Caltrans.</p> <p>ZPMC stated that the 89m Tower Mock-up shear link welds do not need to follow SPCM (AWS Section 12) requirements since the shop drawings do not specify that these are SPCM members. Caltrans explained that the design sheets specify that the tower shear links are SPCM. ABF will contact their detailer to ensure the tower production drawings detail this requirement.</p> <p>ABF and Caltrans are scheduled to UT the closed-rib PJP welds for the</p>

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## DAILY PROJECT JOURNAL

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Deck Plate Mock-up tomorrow morning.

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4	Other important observations	ABF and Caltrans jointly evaluated the overlap areas on the 2nd Closed-rib Weld Trial. The group identified approximately 4.6m (4.6% total length) of overlap.
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5	Quality Assurance Inspectors per shift	5 Day Shift (Acuna, Dixon, Hernandez, McClendon, Viars) 3 Swing Shift (Berger, Franco, Smith) 2 Graveyard Shift (Hasler, Jobes)
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**Inspected By:** McClary,David

Quality Assurance Inspector

**Reviewed By:** Lowry,Patrick

QA Reviewer

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