

**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-000514**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 23-Nov-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 30**HSR's:** 0 / 10**NCR's:** 1 / 15

Item	Title	Detail
1	Major component movement	<p>OBG Production: Welding floorbeams.</p> <p>77m Tower Mock-up: Welding stiffener plates between diaphragms.</p> <p>89m Tower Mock-up: Welding Longitudinal Stiffener to Skin Plate, Welding shear links.</p> <p>114m Tower Mock-up: Weld Longitudinal Stiffener to interior splice plates.</p> <p>Deck Plate Mock-up: No welding observed.</p>
2	Meetings attended	<p>Caltrans met with ABF at 1000 to discuss the results of the mechanical testing performed to determine if an overlap condition existed on the 2nd Closed-rib Weld Trial. Keith Devonport started the meeting by defining the intent of the meeting, which was to come to an agreement on the definition of overlap and how it is identified. Mr. Devonport stated the intent was not to either pass or fail the Closed-rib Weld Trial. The group agreed with the AWS D1.5 definition of Overlap, "the protrusion of weld metal beyond the weld toe or weld root" and Weld Toe, "the junction of the weld face and the base metal". Based upon these definitions Mr. Devonport drew a picture of the closed-rib PJP weld defining the PJP weld, reinforcing fillet, toe of weld, concavity and convexity. After these definitions were agreed upon Mr. Devonport drew overlap on the weld. After some discussion, the group agreed the condition drawn represents overlap. ABF Fabrication Manager David Williams asked about the repair of overlap. David McClary identified the AWS D1.5 requirements in section 3.7.2.1, "Overlap or</p>



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# DAILY PROJECT JOURNAL

( Continued Page 3 of 3 )

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2 Graveyard Shift (Franco, Jobes)

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4	Critical Weld Repairs (CWRs)	NCR-015 Mechanical Straightening of SPCM Shear Link web and flange
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**Inspected By:** McClary, David

Quality Assurance Inspector

**Reviewed By:** Lowry, Patrick

QA Reviewer

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