

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-000511**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 28-Nov-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 1 / 36**HSR's:** 0 / 17**NCR's:** 0 / 16

Item	Title	Detail
1	Critical Weld Repairs (CWRs)	B-CWR-006 Floorbeams FB-01-080 and FB-02-080 remove and replace non-SPCM tack welds with SPCM tack welds (correct electrode).
2	Major component movement	<p>OBG Production: Welding floorbeams Fit-up T-Stiffeners to OBG Skin Plates.</p> <p>77m Tower Mock-up: No welding observed.</p> <p>89m Tower Mock-up: Welding Longitudinal Stiffener to Skin Plate, QA UT of Shear Link webs and flanges.</p> <p>114m Tower Mock-up: No welding observed.</p> <p>Deck Plate Mock-up: Deck Splice performed last night without QA observation (see meetings) Splice plate bending cancelled due to defective equipment.</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>ZPMC informed ABF and Caltrans that they welded the OBG Deck Plate Mock-up splice last night around midnight. Caltrans was not informed this would be performed and no inspectors were scheduled for this shift (ZPMC suspended night shift on 11-25-07). ABF Fabrication Manager David Williams told ZPMC they should inform ABF and Caltrans ahead of time to allow for scheduling. ZPMC will submit a revised WPS for this weld. The WPS used has the "Root Treatment – Backgouge" block checked, but the backing bar is to remain in place.</p> <p>ZPMC informed ABF and Caltrans that they will perform a SMAW Fillet</p>

DAILY PROJECT JOURNAL

(Continued Page 2 of 2)

Weld Soundness Plate (PQR).

ZPMC gave ABF and Caltrans revised schedules for the Tower and Deck Mock-ups. The Deck Mock-up schedule includes bending of the closed-rib splice plates tonight at 5pm and completion of the mock-up scheduled for 11-30-07.

4 Key conversations

Caltrans Level III spoke with ABF Level III Steve Lawton and Level II Warren Buehler about the progression of the Closed-rib PJP UT Procedure development testing. ABF has been calibrating and testing with Oil (ATF). On Monday the group had discussed calibrating with Oil and testing with Cellulose to compensate for any differences. ABF demonstrate to QA today that the difference between testing with oil compared with cellulose amounted to 1% screen height deviation or less. ABF will continue development with using oil for both calibration and testing. This decision was based upon concern for possible rusting of the calibration standards, and the minimal deviation between the oil and cellulose during testing.

5 Quality Assurance Inspectors per shift 5 Day Shift (Acuna, Hernandez, Franco, Tracy, Viars)
4 Swing Shift (Berger, Croff, Dixon, Jobes)
0 Graveyard Shift (Cancelled by ZPMC)

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer
