

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-000509**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 30-Nov-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 36**HSR's:** 0 / 18**NCR's:** 0 / 16

Item	Title	Detail
1	Major component movement	<p>OBG Production: Welding floorbeams, Drilling and tack welding T-Stiffeners.</p> <p>77m Tower Mock-up: No welding observed.</p> <p>89m Tower Mock-up: Welding Longitudinal Stiffener to Skin Plate, Tack Welding of Cross Bracing – ZPMC unaware this was SPCM.</p> <p>114m Tower Mock-up: Fitting Skin Plates to temporary diaphragm.</p> <p>Deck Plate Mock-up: Bending rib splice plates.</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>ZPMC asked adding weld to the T-Stiffener to OBG skin plates to correct for undersize welds was considered a repair. Caltrans responded that this was still considered in process welding and not a repair.</p> <p>ZPMC stated they have submitted batch 5 rolled shape materials and have not received a response from ABF if this is ready to receive. ABF will check on the status.</p> <p>ZPMC informed ABF and Caltrans that CWR's 026, 028 and 029 were submitted to ABF today.</p> <p>ZPMC asked about the status of HSR 18. Caltrans approved this HSR today.</p> <p>ZPMC informed ABF and Caltrans that they intend to begin 24 hour work on the OBG starting Tuesday. The new Lead CWI for SPCM material is</p>

DAILY PROJECT JOURNAL

(Continued Page 2 of 2)

coming next week to work on the night shift.

Caltrans has been informed that the numbering system for the floorbeams was changed to generic numbering rather than the part specific system currently being used. This affects the traceability of the welds currently performed and could lead to Non-SPCM components being used in incorrect locations. ZPMC suggested changing their old reports to match the new numbering. ZPMC will meet internally to discuss how this will be addressed. An addendum to the WQCP may be required.

Caltrans informed ABF and ZPMC that shop QC personnel were not aware the 89m Tower Mock-up Cross Bracing was an SPCM. This creates two issues. First the electrodes used were not properly tracked. Second no lead QC has been identified to observe this welding and prevent issue like this from occurring. ABF Fabrication Manager Dave Williams stated that ABF was still working to resolve the Lead QC issue internally.

Caltrans inquired about the status of the 1st production OBG panel on which the fillet welds to the T-stiffener were welded over paint. ZPMC has not addressed this yet. Caltrans will assist ZPMC in identifying the Bottom Plate affected.

3	Key conversations	QA spoke with ABF Level II technician Warren Buehler about the status of correlation testing of the Closed-rib PJP UT procedure. Mr. Buehler informed QA that approximately half of the samples they took were damaged during the mechanical testing and that on 60 samples were available for measurement.
4	Other important observations	Stanley Ku informed ABF Fabrication Manager David Williams about the State Letter allowing ABF/ZPMC to proceed with fabrication of the Tower Skin and Diaphragm butt welds.
5	Quality Assurance Inspectors per shift	6 Day Shift (Acuna, Brannon, 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
