

**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-000311**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 24-Sep-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 4**HSR's:** 0 / 2**NCR's:** 0 / 4

Item	Title	Detail
1	Major component movement	<p>QA observed the following on the 77m Tower Mock-up:            Repairs of Skin Plates A and E are complete and UT identified numerous areas which will require re-repair.</p> <p>QA observed welding on the 114m Tower Mock-up:            Continue welding of Skin Plate Stiffeners,            Performing weld repairs to Skin Plate Stiffeners - Length of repairs exceed 10% on Skin Plates A and B.</p>
2	Meetings attended	<p>QA met with ABF and ZPMC at 1400 to discuss the schedule for the next two days:</p> <p>77m Tower Mock-up:            Finish repair of Skin A and E Stiffeners and perform NDT testing.            Flanges for Diaphragms in transit from Wuxi Boiler.</p> <p>89m Tower Mock-up:            Machining Diaphragms SA13 and P126.</p> <p>114m Tower Mock-up:            Continue welding of Skin Plate stiffeners,            Perform repairs to Skin Plate Stiffeners.</p>
3	Key conversations	<p>Caltrans met with ABF and ZPMC at 1330 to discuss issues related to fabrication:</p> <p>The 2nd batch of Check Samples is pending clarification of heat number issues.</p> <p>ZPMC asked about the status of WPS Transmittal TL-396 received by Caltrans today. Submittal is currently under review.</p> <p>Grain size tests for material received from the mill without the grain size reported will be performed tomorrow. Caltrans does not need to witness, but ABF may attend.</p> <p>Caltrans raised the issue about the mock-up simulating actual production processes. Currently the repairs to the Skin Plate Stiffeners are being performed with the plates positioned to perform the repairs 1G position.</p>

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		This may not be possible in production.
4	Other important observations	Several of the repairs being performed on the 114m Mock-up appear to be greater than 10% of the CJP portion of the weld length.
5	Quality Assurance Inspectors per shift	4 Day Shift (Brannon, Dixon, Franco, Viars) 1 Swing Shift (Berger, Smith) 1 Graveyard Shift (Hasler)
6	Logistics	ZPMC will cease work at 1700 tomorrow for the Mid-Autumn Festival and resume normal schedule at 0700 on Wednesday. ZPMC intends to perform the regular work schedule during Chinese National Week (next week).

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**Inspected By:** McClary, David

Quality Assurance Inspector

**Reviewed By:** Lowry, Patrick

QA Reviewer