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DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

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DAILY PROJECT JOURNAL

Prime Contractor: American Bridge/Fluor Enterprises, a JV **Report No:** DPJ-000534
Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 04-Dec-2007
Location: Changxing Island, Shanghai, China

Submittals(New / Total): **CWR's:** / **HSR's:** / **NCR's:** /

Item	Title	Detail
1	Other important observations	Shop floor walkthroughs at around 7:45 and 13:00. OBG Deck Mock-Up: Today, ZPMC started the assembly of the closed rib bolted splices. In the morning, CT QA personnel had discussions with ZPMC QC regarding concerns of how the interior splices would be put inside of the closed ribs. Also, the bolted splice and bolt installation procedure was discussed. In the afternoon, ZPMC was observed drilling the bolted holes on the closed ribs of the 13 m deck panel using interior splice as the template. OBG Bottom and Side Plate: ZPMC continued preparing W-shapes and T-stiffeners for the bottom / side plate fabrication. ZPMC continued assembling and tack welding T-stiffeners to the bottom / side plate. No welding of T-stiffeners to bottom / side plate had been observed from 15-Nov-2007 to 03-Dec-2007. It was understood that ABF was evaluating fabricated bottom plates to gauge ZPMC's practices and Procedures. Today, ZPMC resumed welding T-stiffeners to the bottom / side plate with Gantry welder. After discussions with ZPMC QC, it was understood that ZPMC were using new welding procedure with two passes for the fillet welds. Before 15-Nov-2007, ZPMC had welded six bottom / side plates with only one pass for the fillet welds. OBG Floorbeam: ZPMC was welding welded floorbeam parts FL1-2 and FL1-3 with floorbeam parts FL1-1. It was observed that counterweights were being put on the welded pieces FL1-2 and FL1-3 to control the welding caused distortion. ZPMC continued assembling floorbeam parts FL3-2 with FL3-3. Tower 89m Mock-Up: ZPMC continued performing PJP / CJP welds of longitudinal stiffeners to Skin plates A and E in 1G position. ZPMC was

		PJP welding the fourth longitudinal stiffener in the welding sequence to Skin plate D using Gantry welder in 2G position. ZPMC was assembling and tack welding the struts and cross bracings. The diaphragm section had been set back to the fabrication bay. Tower 114m Mock-Up: ZPMC assembled and tack welded the lower section of the Mock-Up. ZPMC was fitting up skin plates A and E with diaphragms of the upper section.
2	Meetings attended	Attended weekly SAS fabrication update briefing conference meeting. SAS fabrication progress and current issues were discussed.

Inspected By:	Liu,Chengwen	Quality Assurance Inspector
Reviewed By:	Lowry,Patrick	QA Reviewer