

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.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000282**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 07-Sep-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

| Item | Title | Detail |
|------|-------------------|---|
| 1 | Key conversations | Discussed scheduling a visit to the laboratories which will perform the check sample testing in China with Dave McClary. Also discussed the testing which will be required for each type of steel which has been summarized on a spreadsheet. METS intends to give the spreadsheet to the Chinese laboratories in order to ensure the labs understand the tests required. |
| 2 | Key conversations | Met with ABF to discuss a miscut bevels on 10 longitudinal stiffeners for the 114m mock-up. These longitudinal stiffeners transition from a PJP to a CJP for the 300mm at the end of the plate. The bevels were miscut due to an errant correction made by the Department on the Contractor's mockup shop drawings which showed the entire length of the plate to be a CJP. In lieu of scraping the plates, ABF requested to complete the welds as shown on the contract drawings since the completed weld would comply with the minimum weld size for the PJP. METS did not take issue with this proposal provided that it would be limited to the 10 stiffeners. ABF noted they would issue an NCR to document the issue and their proposal to move forward. |
| 3 | Meetings attended | At 1330 hours I attended the Fabrication Issues meeting with ABF/ZPMC, David McClary, Jason Tom, Stan Ku, Alistair Melville, Sean Eagan. Highlights from the meeting were: 1. ZPMC is looking to expedite the approval of CWI's on the project. They have several inspectors who have recently passed their AWS exam but do not have their official certificates at this time. ABF/ZPMC asked if it would be acceptable to use a print out from the AWS website showing the inspectors were qualified in order for the Department to allow them to work. METS is considering the request. 2. ZPMC again discussed the tolerances for the T-joints formed by the longitudinal stiffeners and Tower skin plates and requested clarification on what required Engineer approval before heat straightening. METS stated the request was being considered internally, but to prevent the current work from being put on hold, METS requested the Contractor submit an HSR to keep the work moving. ABF/ZPMC agreed to |

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submit the HSR. 3. METS requested clarification of ZPMC's markings next to welds showing rejectable indications found by Ultrasonic Testing. ZPMC stated that it was not their practice to mark indications on the steel because they are noted on the report. ABF stated they understood the Department's request and would address this with ZPMC.

Inspected By: Smith,Ryan

Quality Assurance Inspector

Reviewed By: Wahbeh,Mazen

QA Reviewer
