

RESIDENT ENGINEER'S DAILY REPORT
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Contract #: 04-0120F4
 SAS Superstructure
 04-SF-80-13.2 / 13.9

Report No: DR-000064	Working Day Calendar: 267	Date: 06-Sep-2007
Fabricator: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island	Fabricator Shift Hour: 07:00 to 19:00	
Location: Shanghai, China	RE Shift Hour: 06:30 to 15:30	
Weather: Clear, Light Rain, Partly Cloud	Temperature: 70 F/ 85 F	
Material Description: SAS Tower		

Summary:

Worked on Changxing Island. Shuttle left Marriot at 5:45AM. Arrived at port for ferry pickup at 6:20 and arrived at ZPMC offices at 7:00AM. Reviewed fabrication procedures for 77M and 114M mockups. Went to fabrication bay with Alistair at approximately 8:30AM. Observed work on 114M and 77M mockups along with prep work for ZPMC practice on closed rib welding (see Alistair's diary). Walked to Heavy Workshop and plate storage area with Alistair and John Hamer and David Wu of ABF. Returned from fabrication bay at 10:00AM. Continued review of mockup fabrication procedures. Went to fabrication bay with Alistair at approximately 1:00PM and returned for 2:00PM Standup Meeting. Attended 2:00PM Standup Meeting with ABF/ZPMC to review work schedule for upcoming work.

Work scheduled for Friday, Sept 7th includes:

- 77m Mockup
- Skin Plate A: UT
 - Skin Plate B: Welding of Stiffeners
 - Skin Plate C: Post Heat-Straightening MT and Repairs if needed
 - Skin Plate E: Heat-Straightening
 - Diaphragm: UT
- 89m Mockup
- Diaphragm: Begin Welding
- 114m Mockup
- Skin Plate B (Upper): Beveling
 - Skin Plate B (Lower): Fit-up for Stiffener
 - Skin Plate C (Upper): Finish Heat-Straightening
 - Skin Plate D (Upper): Splice Welding
 - Skin Plate E (Lower): Finish Fit-up

Work scheduled for Saturday, Sept 8th:

- 77m Mockup
- Skin Plate A: Finish UT
 - Skin Plate B: Heat-Straightening
 - Skin Plate E: Post Heat-Straightening MT
 - Diaphragm: Finish CNC Cutting of Second Plate
- 114m Mockup

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- Skin Plate B (Upper): Fit-up for Stiffener
- Skin Plate B (Lower): Welding of Stiffener
- Skin Plate C (Upper): Finish Heat-Straightening
- Skin Plate D (Upper): Splice Welding
- Skin Plate E (Upper): Heat Straightening
- Skin Plate E (Lower): Welding

Also discussed at this meeting was the need to schedule operations such that Department personnel will be able to perform NDT. This issue came up as a result of the scheduled cutting of the second diaphragm plate and whether this would affect the ability for UT to be physically performed. Took 3:00PM ferry back to Pudong and was back at the Marriott at approximately 4:20PM.

Prepared By:	Eagen,Sean	Transportation Engineer	06-Sep-2007
Reviewed By:	Ku,Stanley	Sr. Bridge Engineer	11-Sep-2007
