



Date: 05-August-2009

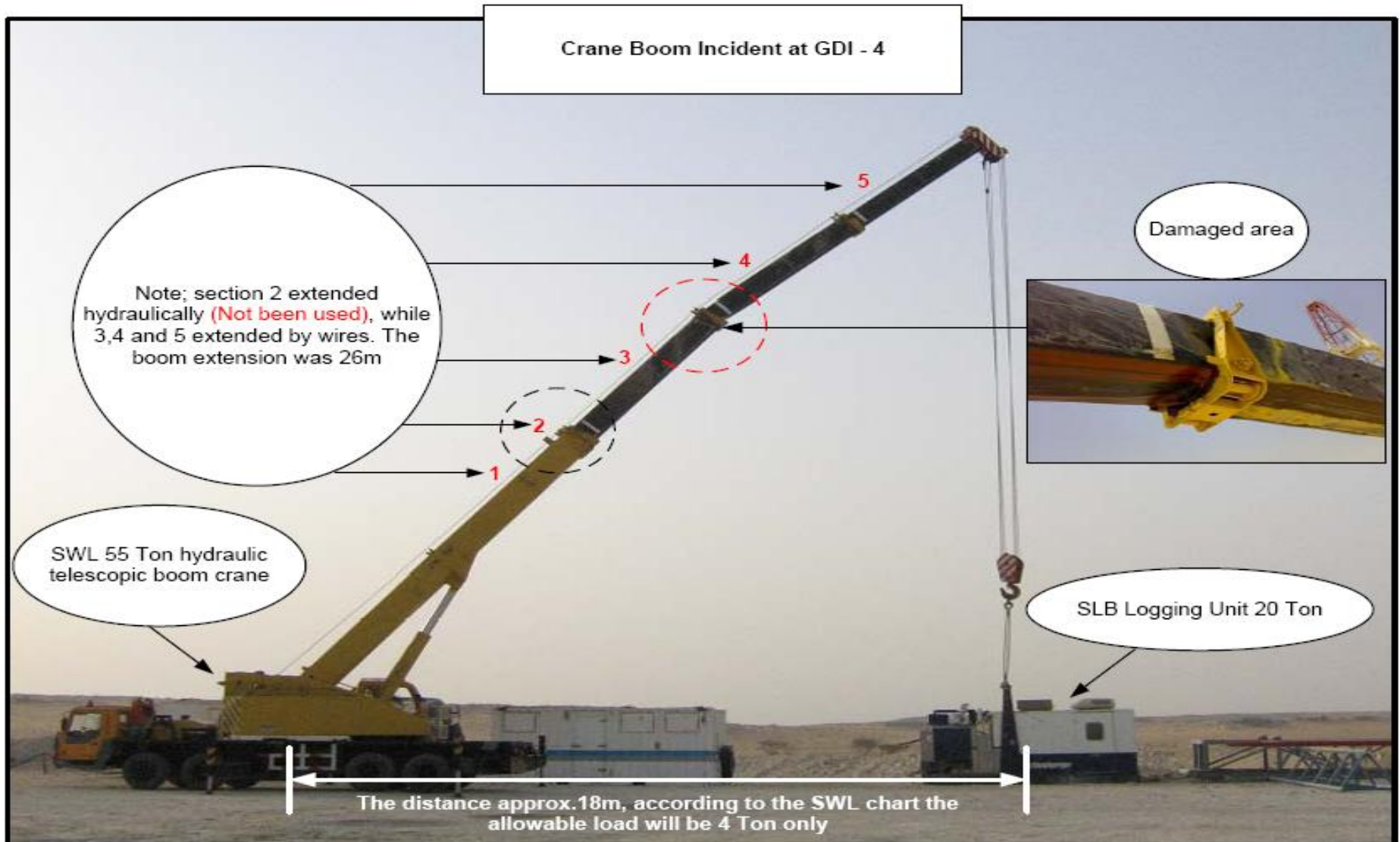
Classification: Property Damage

Rig/ Location: GDI-4

Description:

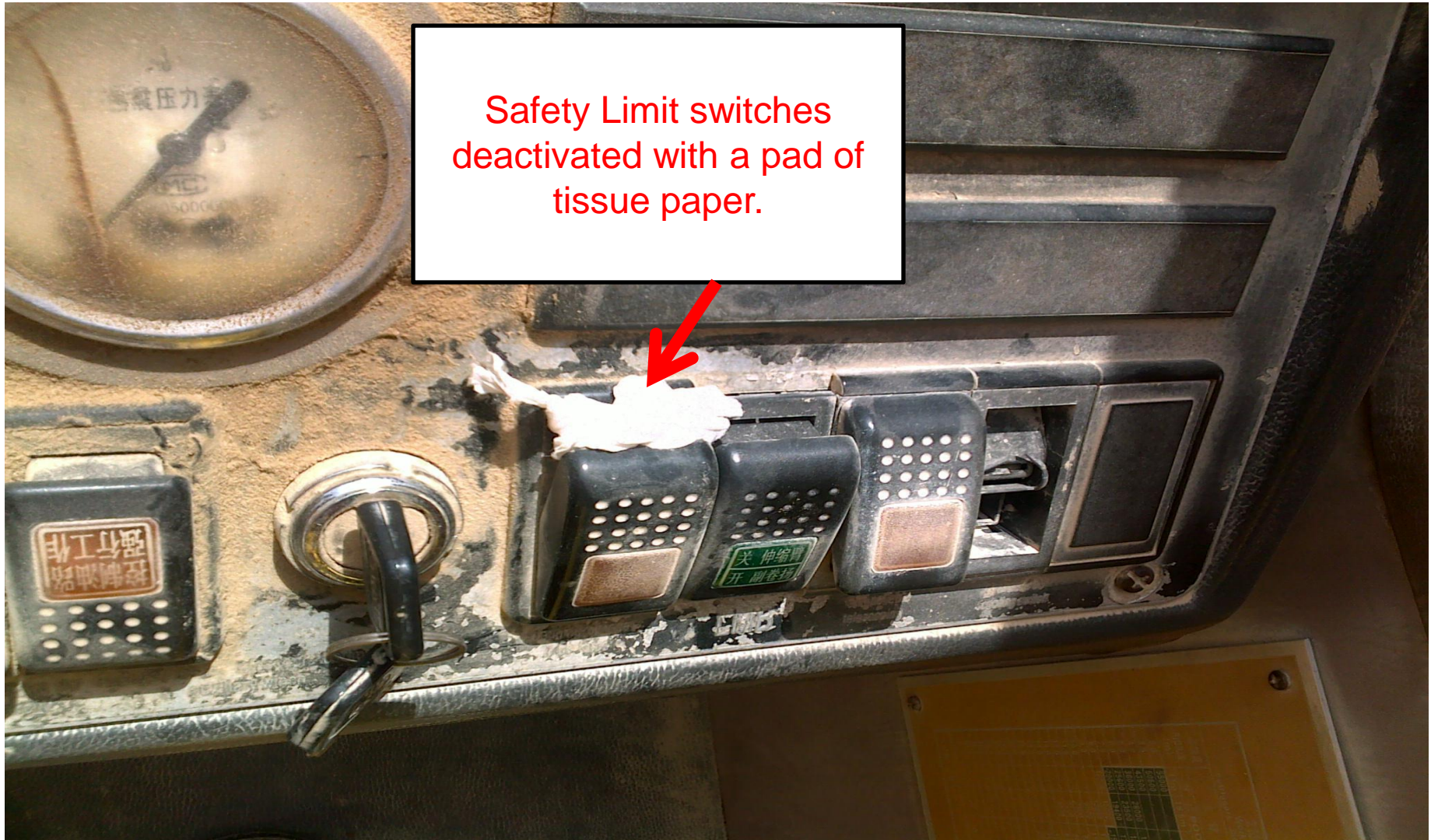
- Two “coring” units had arrived location on a truck and needed to be unloaded/ positioned. The 55T crane was positioned to unload the units under the supervision of an A/D. After unloading/ positioning the first unit safely, there was no enough space for the second unit and as result, the A/D asked the crane operator to move a Schlumberger wire line unit (20T) about 2 feet away to create the space needed. Without moving the crane closer, the operator began to lift the wire line unit from the same position which was far from the load and in the process the crane boom got bent.

Picture 1 – Incident scenario



Immediate Causes:

- **Bypassing & ignoring Safety Device – Crane operator over rode the boom extension switch and ignored the auto safe load indicator alarm.**
- **Ignoring Lifting Procedures – Crane operator did not assess the load to be lifted and did not position the crane at safe distance.**

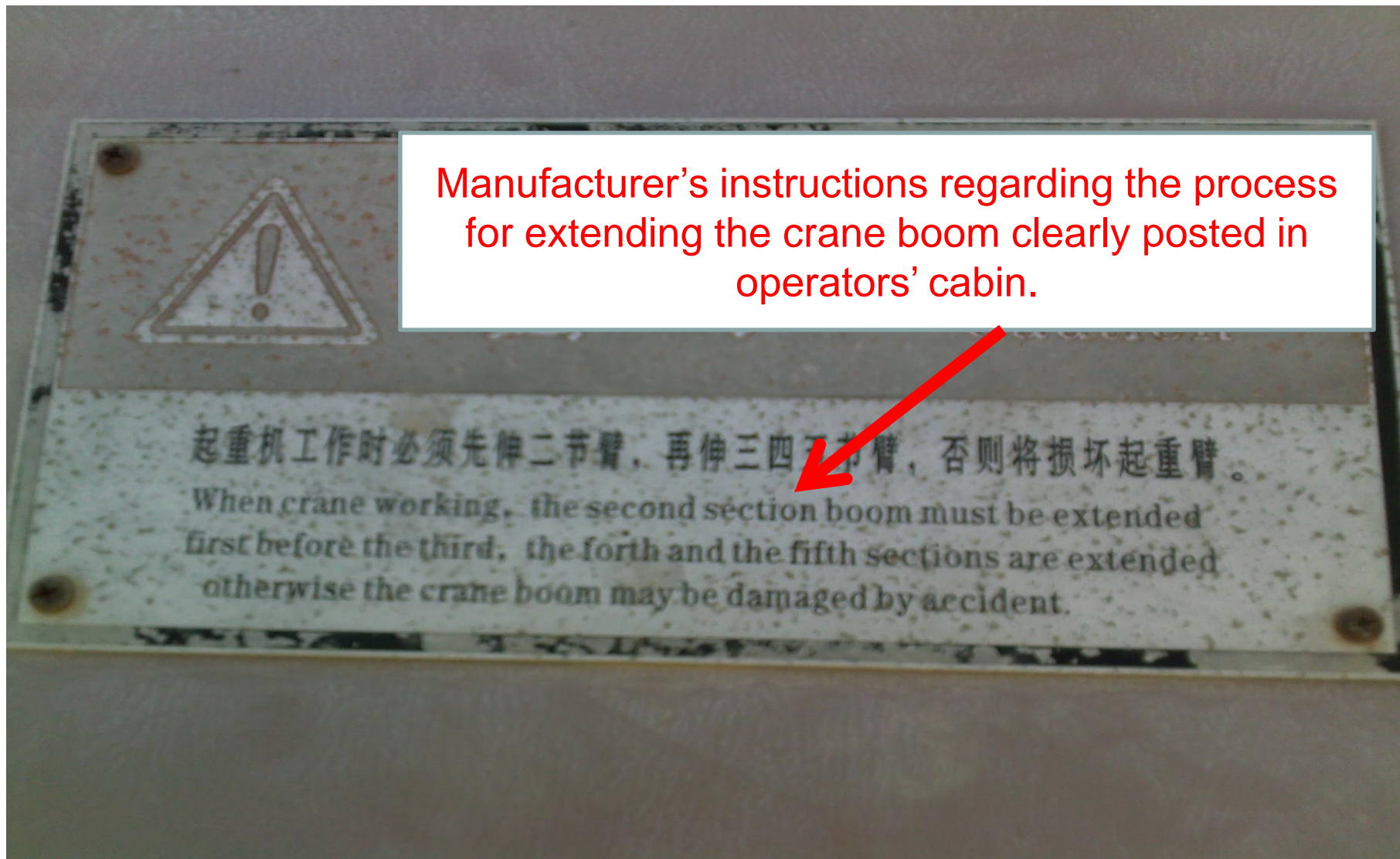


Underlying Causes:

- **Poor knowledge on the part of operator regarding safe operating procedures for the crane.**
- **Taking Short Cut – Crane operator had skipped the safe process for the extension of crane boom.**
- **Inadequate Risk Assessment – JSA was not used during the PJSM.**

Underlying Causes Cont'd:

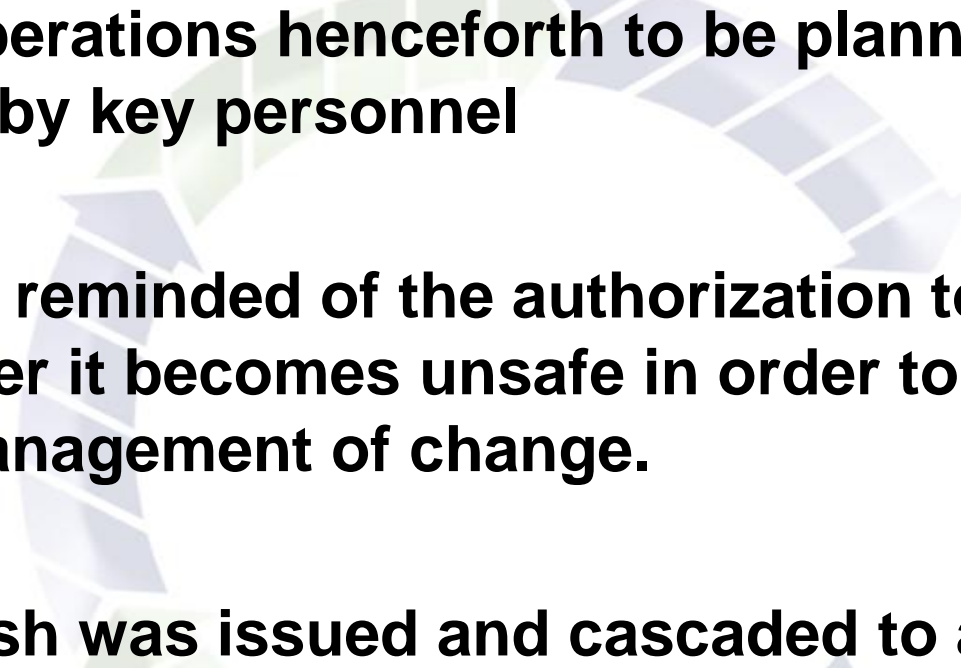
- **Poor Management of Change – the crews failed to stop the job and reposition crane closer to wire line unit which was not part of the original loads to be lifted.**
- **Lack of periodic inspection of the crane by rig based maintenance crews due to the Planned Preventive Maintenance System (PMS).**
- **Inadequate supervision and poor leadership role in assigning task.**



Corrective Actions

- **GDI crane operators were retrained on crane specific safety features as per manufacturers' manual.**
- **Crane operators were instructed not to lift any load henceforth without ascertaining its weight and assessing the lifting plan.**
- **JSAs shall be reviewed and revised accordingly to reflect job specific hazards before starting any job.**

Corrective Actions Cont'd

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- **All lifting operations henceforth to be planned and supervised by key personnel**
 - **Crews were reminded of the authorization to STOP the job whenever it becomes unsafe in order to enhance effective management of change.**
 - **An HSE Flash was issued and cascaded to all rigs/ units.**



THANK YOU