Title: Pad B Structural/Civil Systems Interface and Responsibilities Operational Agreement for BOSS and TOSC

Number: OA-BOSS-TOSC-03
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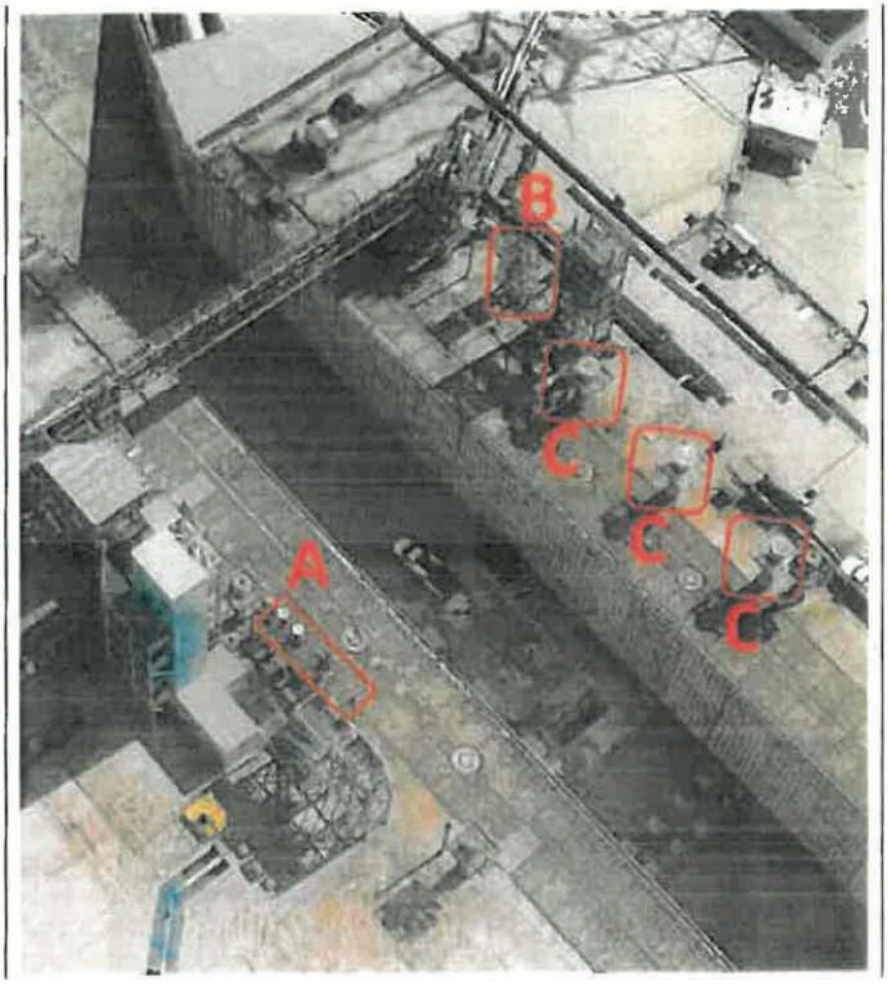
No.	Task / Description	Responsible Organization
1.0	**Purpose and Scope**	**BOSS/TOSC**
1.1	Purpose: This Operational Agreement (OA) defines the responsibilities and interfaces between the contractors performing operations and maintenance (O&M) and sustaining engineering for the structural and civil systems covered by Program Model Numbers (PMNs) K60-0610-B (STRUCTURE, J7-0337 PAD B (TOSC)) and K60-0610-02 (STRUCTURE, J7-0337 PAD B (BOSS)) at launch complex 39B located on Kennedy Space Center (KSC). These two Program Model Numbers cover the structural and civil systems which make up the launch pad proper and include the pad surface and slopes, the flame cells (Catacombs), utility tunnel, the Pad Terminal Connection Room (PTCR), and all other pad civil and structural systems which are not specifically covered by other launch pad PMNs. The purpose of this OA is to specify that the Test Operations and Support Contract (TOSC) shall have responsibility for operations, maintenance and design/sustaining engineering for all structural and civil systems under PMN K60-0610-B. The TOSC responsibilities are defined in section 5.0. The Base Operations and Spaceport Services contract (BOSS) shall have responsibility for operations, maintenance, and design/sustaining engineering for all structural and civil systems under PMN K60-0610-02. The BOSS responsibilities are defined in section 4.0. Other contractor's responsibilities are noted in Section 6.0. If an item of structural or civil system responsibility is not specifically listed as a BOSS responsibility in Section 4.0 or in Section 6.0 of this OA, it shall fall under TOSC responsibility. This OA shall be referenced in the PMN remarks section of the OMEU/CMDS database.	**BOSS/TOSC**
1.2	Scope: The scope of this OA is limited to defining responsibilities for systems that fall under PMNs K60-0610-B and K60-0610-02. This OA applies to all BOSS, TOSC, and other contractor personnel who provide design/sustaining engineering, and operations and maintenance responsibilities on the Pad B structural/civil systems.	**BOSS/TOSC**
2.0	**Background**	**BOSS/TOSC**

2.1	Historically the institutional contractor had been responsible for PMN K60-0610-B, STRUCTURE, J7-0337 PAD B. The decision was made that the majority of the launch pad structural and civil systems responsibilities should reside under a single contractor, primarily with the intent to give a single entity overall responsibility for the load path of the crawler transporter with ML. This load path includes elements of both PMNs that are the subject of this OA, such as the flame cells (catacombs) and pad surface panels that support the crawler.	**BOSS/TOSC**
2.2	Precedence: In the event of a conflict between the requirements of this OA and those of the current government contracts, the terms, conditions, and other provisions of the Government contracts shall take precedence.	**BOSS/TOSC**
3.0	**Period of Performance**	**BOSS/TOSC**
	This OA will be effective upon signature completion until it is amended by one or more of the entities entering this agreement, or either the BOSS or TOSC contract ends.	**BOSS/TOSC**
4.0	**BOSS Contract Responsibilities**	**BOSS**
4.1	BOSS shall have operations, maintenance, and design responsibility for the following at Pad B: a. As specified in Section 5.0, support brackets for hardware attached to a structure when the bracket exits solely to provide support to a system for which BOSS has responsibility. For example, in the trenches on the pad surface, there are support brackets which exists to support BOSS system components. b. Cable trays, staircases, and handrails which are mounted on structures where the structure is a BOSS responsibility for operations, maintenance, and design. Note: The pad surface handrails, the stair tower and stairs that lead from the high-pressure gas storage area to the pad surface, and the grating on the pad surface do not meet this definition and therefore are the responsibility of TOSC. c. PTCR ceilings, floors, wall repair and treatment (painting, etc.) that do not affect the pad from a load-bearing perspective. d. PTCR doors, except exterior blast doors. e. Stairs and stairwells that are part of the pad PTCR (interior). f. Civil/structural responsibility (non-load bearing aspects) of the high-pressure gas storage area. g. Other PMNs with structural elements as noted in Appendix A. h. All items under BOSS design responsibility shall be defined within PMN K60-0610-02.	**BOSS**
5.0	**TOSC Contract Responsibilities**	**TOSC**
5.1	TOSC shall have operations, maintenance, and design	**TOSC**

	responsibilities for all structural and civil system elements of PMNs K60-0610-B except as identified in Sections 4.0 and 6.0 of this OA. Where support brackets exist to support system components such as piping, the supports are the responsibility of the system owner. However, if a support exists and supports multiple systems for multiple contractors, then TOSC will be responsible for the support.	
6.0	**Other Contract Responsibilities**	**KPSC II, etc.**
6.1	All other contractors shall have the maintenance responsibilities for all their system hardware support brackets attached to a structure where they are used solely for supporting their system hardware.	**KPSC II, etc.**
7.0	**Other Considerations**	
7.1	Other Considerations: This OA addresses only the assignment of responsibility for pad structural and civil systems within Pad B. It does not address any other issue. The specific operations, maintenance, and design responsibilities for these systems as they relate to this OA are identified within the contract documentation for the TOSC, BOSS, or any other contractors for the area.	**BOSS/TOSC**

[redacted]

APPENDIX A
BOSS Structural Interface Tower Responsibilities



A: K62-5384 STRUCTURE, UTILITY INTERFACE TOWER PAD B
B: K62-5383 STRUCTURE, PNEUMATIC INTERFACE TWR PAD B
C: K62-5387 STRUCTURE, MLP SOUND SUPP 1/F