**Confined Space Rescue Plan**

**Confined Space Location**  – Cleaning of Mud tanks.

**Personnel Involved** x Supervisors, x site operatives. A maximum of 2 x operatives will be inside the tank at any given time during removal operations.

**Trained Personnel** All Personnel are trained in both confined space working and confined space rescue

**Method of Communication** Due to the size and nature of the tanks, all communication between CS entrants and stand by man will be verbal and/or agreed hand signals. In case of emergency the Supervisor will contact a member of the deck crew to relay emergency message to the bridge or alternatively a member of the team will physically attend the bridge.

**Rescue Equipment** Rescue Winch, BA Rescue Sets, Safety Torch, Single Point Body Harness, First Aid Kit. Rescue equipment will be set up at the work location before tank entry and will remain in position for the duration of the work. All equipment will be visually inspected and confirmed as in good working order prior to work beginning. Any changes necessary to adapt to conditions on the day of the work will be risk assessed and agreed prior to the work beginning.

**Method of Rescue** The Supervisor will be responsible for co-ordinating any emergency response required whilst operatives are working inside the tank, and will allocate responsibilities to his team as required. Operatives allocated to the rescue team will be kitted up as required in readiness at all times whilst operatives are inside the tank. A briefing on the method statement, risk assessment and the rescue plan will be carried out with TIPA and relevant vessel staff before work begins and thereafter following any changes to working arrangements. The TIPA emergency response plan for this vessel is shown in the flow diagram below.

Emergency in Confined Space

Inform Client Safety Personnel. Onshore Contact Emergency Services

Move IP Away From the Confined Space. First Aid Treatment to Be Provided By On Site Medic or the Emergency Services As Soon As Possible

Standby Man to Contact Site Emergency Team / Onshore Contact Emergency Services

Medical Situation

(Hazardous Environment)

The Rescue Team Shall Remove the IP from the Confined Space As Safely As Is Practicable

Rescue equipment to be deployed into tank and IP to be connected to winch.

Injured Party to Leave Confined Space and First Aid Treatment to Be Provided

YES

NO

Rescue to take place. Supervisor shall coordinate rescue with 2 x personnel carrying out rescue with 1 x standby man. Ship personnel can assist without entering the confined space.

The Rescue Team Shall Remove the IP Quickly, Monitoring Breathing, Bearing In Mind “Life before Limb”

The Rescue Team Shall Remove the IP As Quickly and As Carefully As Possible

YES

NO

Attempt To Provide Basic Help and First Aid

Assess The Injured Party.

Is The IP Still Breathing?

Is Injured Party Able To Exit Unaided?

If No Communications from the Confined Space Entrant Assume There Is a Hazardous Environment

Medical Situation (Non-Hazardous Area)

Project Engineer