



### JUMPER WELDING STATUS

| Sl. No. | JUMPER ID       | % NDE | JOINTS WELDED |       |       | RT DONE |       |       | REPAIR |       |       | % REPAIR |       |       |
|---------|-----------------|-------|---------------|-------|-------|---------|-------|-------|--------|-------|-------|----------|-------|-------|
|         |                 |       | Shop          | Field | Total | Shop    | Field | Total | Shop   | Field | Total | Shop     | Field | Total |
| 1       | A112 30-MP12-JC | 100   | 13            | 6     | 19    | 13      | 6     | 19    | 0      | 0     | 0     | 0        | 0     | 0     |
| 2       | A213 76-FW13-JB | 100   | 13            | 4     | 17    | 13      | 4     | 17    | 0      | 0     | 0     | 0        | 0     | 0     |
| 3       | A119 30-MP32-JD | 100   | 13            | 4     | 17    | 13      | 4     | 17    | 0      | 0     | 0     | 0        | 0     | 0     |
| 4       | A111 30-MP22-JB | 100   | 16            | 5     | 21    | 16      | 5     | 21    | 0      | 0     | 0     | 0        | 0     | 0     |
| 5       | A120 30-MP43-JD | 100   | 13            | 4     | 17    | 13      | 4     | 17    | 0      | 0     | 0     | 0        | 0     | 0     |
| 6       | A116 30-MP11-JB | 100   | 4             | 0     | 4     | 2       | 0     | 2     | 0      | 0     | 0     | 0        | 0     | 0     |
| 7       | A117 30-MP31-JD | 100   | 12            | 5     | 17    | 12      | 5     | 17    | 0      | 0     | 0     | 0        | 0     | 0     |
| 8       | A122 30-MP43-JA | 100   | 4             | 0     | 4     | 2       | 0     | 2     | 0      | 0     | 0     | 0        | 0     | 0     |
| 9       | A218 76-TW12-JB | 100   | 5             | 0     | 5     | 5       | 0     | 5     | 0      | 0     | 0     | 0        | 0     | 0     |
| 10      | A217 76-TW22-JA | 100   | 5             | 0     | 5     | 5       | 0     | 5     | 0      | 0     | 0     | 0        | 0     | 0     |
| Total   |                 |       | 98            | 28    | 126   | 94      | 28    | 122   | 0      | 0     | 0     | 0        | 0     | 0     |

AKPO Phase 2 - REMAINING JUMPERS TO BE INSTALLED

Rev 1- Date 20.05.2010

|  | WELL    | DC   | Slot      | Jumper      | Type | Reservoir | Sequence   |
|--|---------|------|-----------|-------------|------|-----------|------------|
| <b>Remaining Production Jumpers AKPO Phase 2</b> |         |      |           |             |      |           |            |
| <b>Production WELLS</b>                          | AKPO119 | MP32 | 30-X-P32D | 30-M-P32-JD | B    | A689-P1   | 1          |
|  | AKPO120 | MP43 | 30-X-P43D | 30-M-P43-JD | C    | EF-P2     | 2          |
|  | AKPO111 | MP22 | 30-X-P22B | 30-M-P22-JB | C    | A123-P2   | 3          |
|  | AKPO117 | MP31 | 30-X-P31D | 30-M-P31-JD | B    | B-P2      | 4          |
|  | AKPO116 | MP11 | 30-X-P11B | 30-M-P11-JB | B    | A568-P2   | 5          |
|  | AKPO122 | MP43 | 30-X-P43A | 30-M-P43-JA | C    | EF-P1     | 6          |
|  | AKPO118 | MP12 | 30-X-P12B | 30-M-P12-JB | B    | A9-P2     | 7          |
|  | AKPO121 | MP32 | 30-X-P32C | 30-M-P32-JC | C    | B-P1      | 8          |
| <b>Water Injection</b>                           | AKPO220 | FW51 | 76-X-W51C | 76-F-W51-JC | 4A   | EF-W1     | 1          |
|  | AKPO217 | TW22 | 76-X-W22A | 76-T-W22-JA | 1A   | EF-W2     | 2          |
|  | AKPO214 | TW14 | 76-X-W14A | 76-T-W14-JA | 1A   | B-W2      | 3          |
|  | AKPO210 | TW31 | 76-X-W31A | 76-T-W31-JA | 1A   | A458-W1   | 4          |
|  | AKPO216 | TW32 | 76-X-W32B | 76-T-W32-JB | 1B   | A456-W1   | 5          |
|  | AKPO211 | TW32 | 76-X-W32A | 76-T-W32-JA | 1A   | A568-W1   | Fabricated |
|  | AKPO212 | FW21 | 76-X-W25A | 76-F-W21-JA | 3A   | A123-W1   | 6          |
|  | AKPO215 | TW22 | 76-X-W22B | 76-T-W22-JB | 1B   | A9-W1     | 7          |
|  | AKPO218 | TW12 | 76-X-W12B | 76-T-W12-JB | 1B   | EF-W3     | 8          |
|  | AKPO219 | FW51 | 76-X-W51B | 76-F-W51-JB | 1B   | B-W1      | 9          |

Note#1 : The sequence is indicative and subject to changes.

Note #2 : Drill centre positions are subject to changes

| Sl./No. | Project Name/Location   | CLIENT/CONTRACTOR                   | Role            | Description of Services and Main Quantities  | Award Date MM/YY | Completion Date MM/YY  | Contract Value | Total number Direct man-Hours and Peak perday | % Subcontracted | Remarks  |
|---------|---|-------------------------------------|-----------------|--|------------------|--|----------------|---|-----------------|--|
| 1       | Production and Injection Jumpers for AKPO Field Development Project, Nigeria  | TUPNI (TOTAL UPSTREAM NIGERIA LTD.) | Main CONTRACTOR | Fabrication Engineering, Pre-Fabrication, Fabrication, Assembly, NDT & Hydrotesting, Load Out, Seafastening for - 9 Nos. Duplex Steel Production Jumpers and 10 CS Water Injection Jumpers   | FEB 2010         | In progress<br>9 Production Jumpers and 8 Water Injection Jumpers completed                            | 13 M USD       |   | 15%             | Fabrication Engineering & NDT only subcontracted                           |
| 2       | Fabrication, Welding and Load out of Production Jumpers for USAN Subsea Field Development Project, Nigeria  | TUPNI/CAMERON                       | SUB-CONTRACTOR  | Fabrication Engineering, Pre-Fabrication, Fabrication, Assembly, NDT & Hydrotesting, Load Out, Seafastening for 11 Duplex Steel Production Jumpers   | JUNE 2011        | DECEMBER 2012  | 6.2 M USD      |   | 15%             | Fabrication Engineering & NDT only subcontracted                           |
| 3       | Fabrication, Welding and Load out of Jumper Lifting Frame, Frame Stands, CHC Connector Stands and Shipping Stand for USAN Subsea Field Development Project, Nigeria | TUPNI/CAMERON                       | SUB-CONTRACTOR  | Fabrication, Welding and Load out of Jumper Lifting Frame, Frame Stands, CHC Connector Stands and Shipping Stand for USAN Subsea Field Development Project - 4 Nos Frame for Long Jumper 16 Nos. Shipping Stand for Long Frame 16 Nos CHC fabrication and Shipping Stand | JUNE 2011        | AUGUST 2012  | 3.7 M USD      |   | 20%             | Painting and NDT only was subcontracted                                    |
| 4       | Production and Injection Jumpers for USAN Field Development Project, Nigeria  | TEPNG (TOTAL E&P NIGERIA LTD.)      | Mani CONTRACTOR | Fabrication Engineering, Pre-Fabrication, Fabrication, Assembly, NDT & Hydrotesting, Load Out, Seafastening for - 11 Nos. Duplex Steel Production Jumpers a 7 Nos. CS WATER Injection Jumpers and 10 Nos. CS GAS Injection Jumpers                                       | JAN 2013         | In progress<br>5 Production Jumpers and 1 WATER Injection Jumper and 6 GAS Injection Jumpers completed | 24 M USD       |   | 30%             | Fabrication Engineering, 3 LPP Coating, C55 Insulation & NDT subcontracted |
| 5       | Production and Injection Jumpers for BONGA North Field Development Project, Nigeria   | SNEPCO/GE OIL & GAS                 | Sub-CONTRACTOR  | Assembly, NDT & Hydrotesting, Load Out, Seafastening for - 8 Nos. CS with Nickel Clad Production Jumpers and Injection Jumpers   | AUG 2014         | In progress<br>1 Production Jumpers and 1 WATER Injection Jumper completed                             | 2.0 M USD      |   | 5%              | NDT subcontracted  |