

MINUTES TO THE MEETING HELD WITH SKA AT ESKOM MEGAWATT PARK

EIA FOR THE PROPOSED NORTHERN ALIGNMENT 765KV POWER LINE PROJECT

12 FEBRUARY 2016

Submitted to:

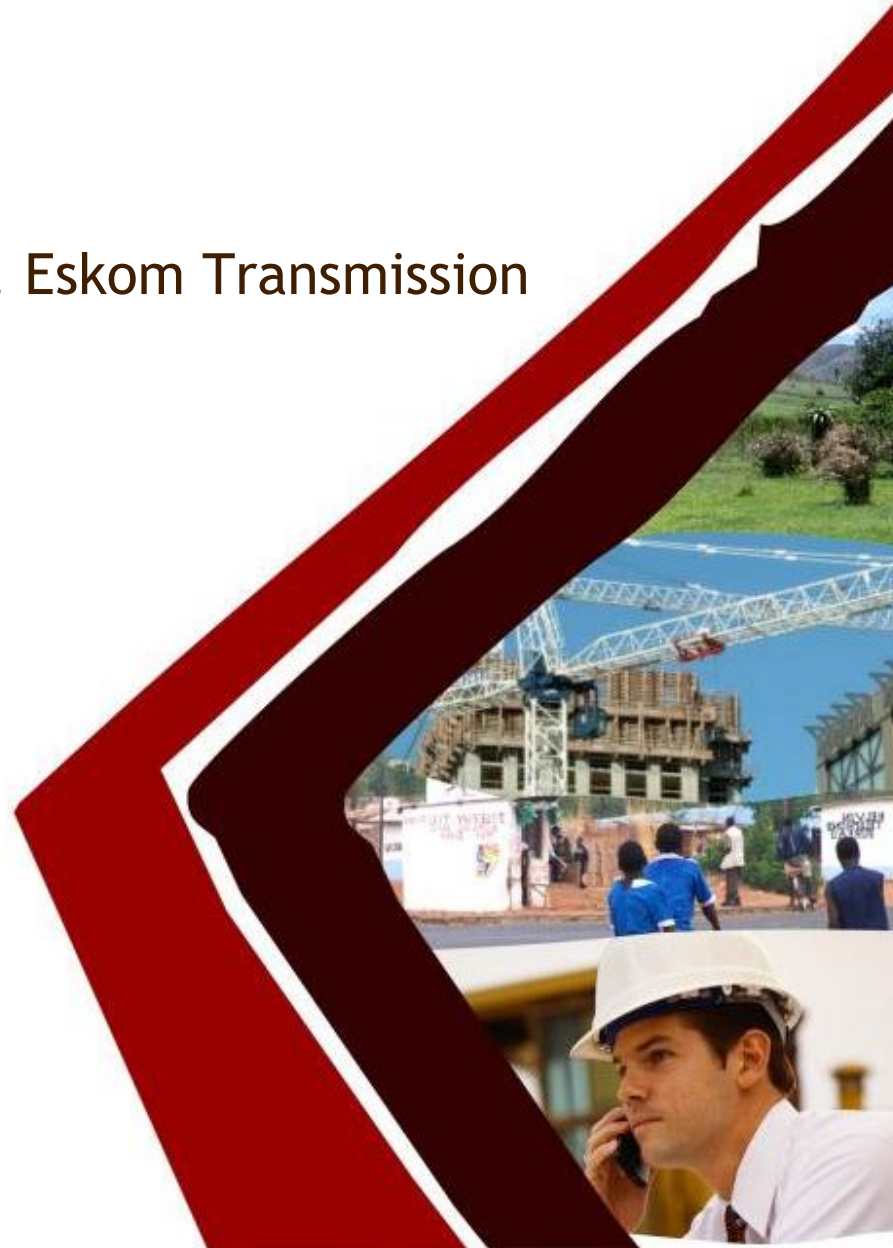
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MEETING BETWEEN SKA, ESKOM & MOKGOPE, HELD AT 13H30 ON
12 FEBRUARY 2016 AT ESKOM MEGAWATT PARK

1. PRESENT

- i. Lerato Mokgwathheng: Eskom Project Manager
- ii. Dr Adrian Tiplady: SKA
- ii. Judith Fasheun: Mokgope Environmental Consultant

*Attendance Register is provided in Appendix A.

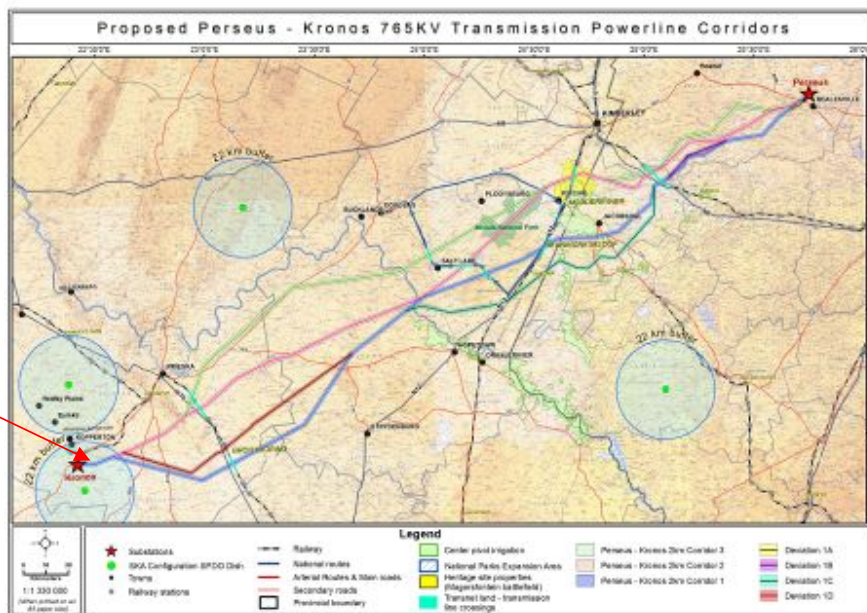
2. PURPOSE OF MEETING

The purpose of the meeting was to discuss the final routings, their level of impact on SKA sites and mitigation measures.

3. DISCUSSION

The order of discussion was as follows:

3.1. Perseus-Kronos

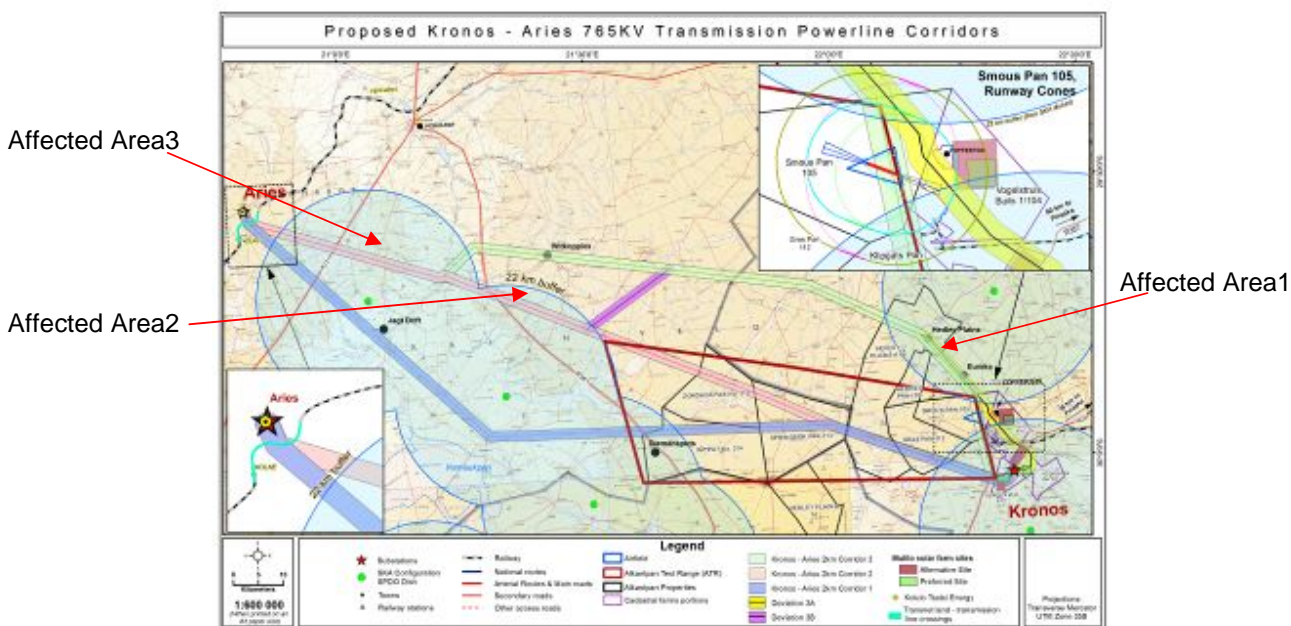


The final corridor from Perseus to Kronos substation would be Corridor 1 (blue) with Deviations 1A (small yellow kink, close to Perseus), Deviation 1B (purple), Deviation 1C (light green) and Deviation 1D (red). As depicted above, Affected Area 1 traverses the SKA buffer zone.

Mitigation: During the walk down, the final towers should be positioned behind hills. Where there is an absence of hills, Eskom should consider using minimum tower heights. 765kV tower heights range from 35m to 55m.

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3.2. Kronos-Aries

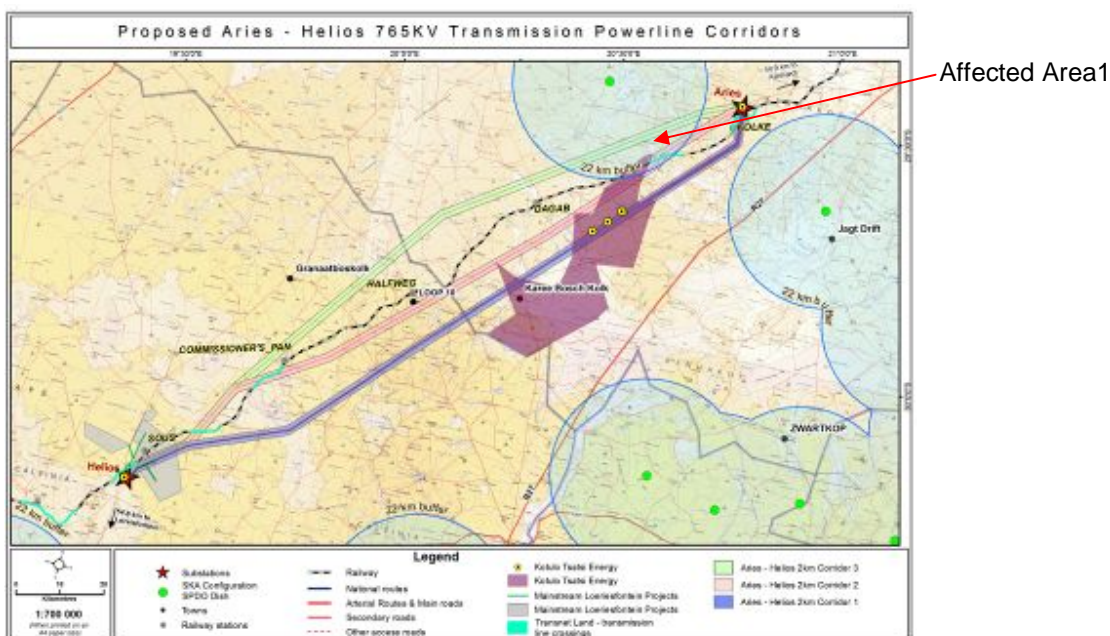


The final corridor from Kronos to Aries substation would be Deviation 1A (yellow) joining Corridor 3 (green), which then joins Deviation 3B (purple) and finally joining Corridor 2 (pink, existing 400kV line). As depicted above, corridor portions of concern are: Affected Area 1, Area 2 and Area 3.

Mitigation: During the walk down, the final towers should be positioned behind hills. Where there is absence of hills, Eskom should consider using minimum tower heights. 765kV towers heights range from 35m to 55m.

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3.3 Aries-Helios

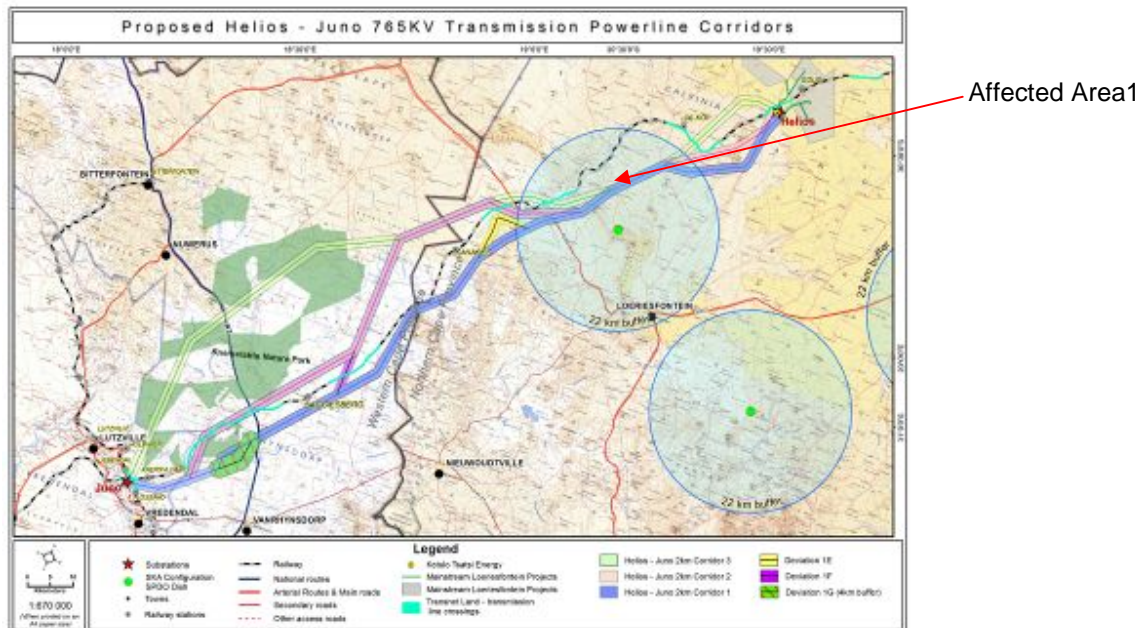


The final corridor from Aries to Helios substation would be Corridor 3 (green), which joins to Corridor 2 (pink) and merges with Corridor 1 (blue) all the way to Helios. As depicted above, Affected Area 1 is of high concern.

Mitigation: To deviate Affected Area 1 towards Corridor 2 (pink) and then rejoin Corridor 3. This is to avoid the SKA buffer zone as much as possible. In this case Kotulo Tsasti would need to be notified of this new deviation as the corridor partially traverses its properties. SKA further suggests that for these corridors, they need to be as further away as possible from the south, as there is a concentration of the SKA sites (south of Corridor 1).

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3.4. Helios-Juno



The final corridor from Helios to Juno substation would start from Corridor 2 (pink) and merge with Corridor 1 (blue), Deviation 1E and Deviation 1G. As depicted above, Affected Area 1 is of concern.

Mitigation: The topography within that area is mountainous, therefore during the walk-down; the final towers should be positioned behind hills or mountains.

4. WAY FORWARD AND CLOSURE

The following were confirmed and concluded:

- SKA is to further examine the affected areas closely to determine the type of topography in those buffer zones. The outcome will be sent to Mokgope to include in the Environmental Impact Reports (EIRs);
- Eskom would need to examine the new deviation proposed by SKA in the Aries-Helios Section, to determine if it is feasible from the technical perspective;
- The EAP is to inform Kotulo Tsatsi about the new deviation traversing part of their portion;
- The above tasks are to be completed by Friday 19th February so as to include the new developments in the final EIRs.

The meeting was declared closed.

The next page requires signatures of agreement to these minutes.

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Compiled by:



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Judith Fasheun
Mokgope Consulting

Supported by:

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Dr A Tiplady
SKA

Accepted & Approved

.....
Lerato Mokgwatheng
Eskom

APPENDIX A

12 February 2016



ATTENDANCE REGISTER

EIR PHASE: SKA - ESKOM MEETING, AT 12H30 ON 12 FEBRUARY 2016 AT ESKOM MEGAWATT PARK, SUNNINGHILL

Proposed "Northern Alignment" 765kV Transmission Powerlines & Substations Upgrades

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