A black and red logo

Description automatically generated A logo for a company

Description automatically generated

# PHOTOGRAMMETRIC PROCESSING

# LOG REPORT

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| **Processing title:** |  |
| **AMP Processing file:** |  |
| **Data type:** |  |
| **SfM-MVS Operator(s):** |  |
| **Processing date(s):** |  |
| **Description:** |  |
| **Project / Funding:** |  |

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| **Additional notes:** |  |

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| ***Template version:*** | *1.2. (30 May 2024)*  *Created on MacOS, with OnlyOffice* |
| ***Copyright:*** | *Prof. Dr. Benoît SMETS*   * *Natural Hazards and Cartography, Dpt. Earth Sciences, Royal Museum for Central Africa, Belgium* * *Cartography and GIS, Dpt. Of Geography, Vrije Universiteit Brussel, Belgium* |

***Contact information:***[*benoit.smets@africamuseum.be*](mailto:benoit.smets@africamuseum.be)

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| **CHUNK LOG 1** | **Chunk name** |

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| IMAGERY | |
| **Platform/carrier:** |  |
| **Camera name:** |  |
| **Image dimensions:** |  |
| **Image format:** |  |
| **Focal length (mm):** |  |
| **Image number:** |  |

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| IMAGE QUALITY | |
| **Quality threshold:** |  |
| **New image nbr:** |  |

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| PHOTO ALIGNMENT | |
| **Accuracy:** |  |
| **Gen. preselection:** |  |
| **Ref. preselection:** |  |
| **Reset alignment:** |  |
| **Key point limit:** |  |
| **Tie point limit:** |  |
| **Exclude stat. points:** |  |
| **Guided matching:** |  |
| **Adaptive cam. Fitting:** |  |
| **Nbr. Images aligned:** |  |

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| GRADUAL SELECTION FILTERING | |
| **Initial SPC point nbr:** |  |
| **Image count:** |  |
| **Reprojection error:** |  |
| **Reconstr. uncertainty:** |  |
| **Projection accuracy:** |  |
| **Final SPC point nbr:** |  |

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| GEOREFERENCING | |
| **Type:** |  |
| **Nbr cam positions:** |  |
| **Cam pos. accuracy (m):** |  |
| **Cam pos. error (m):** |  |
| **Nbr GCPs:** |  |
| **GCP mean accuracy (m):** |  |
| **GCP mean error (m):** |  |
| **GCP mean error (pix):** |  |

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| REFERENCE SETTINGS | |
| **Coordinate system:** |  |
| **Cam reference system:** |  |
| **GCP reference system:** |  |
| **Cam accuracy (m):** |  |
| **Cam accuracy (deg):** |  |
| **Marker accuracy (m):** |  |
| **Marker accuracy (pix):** |  |
| **Tie point accuracy (pix):** |  |

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| DENSE MATCHING | |
| **Quality:** |  |
| **Depth filtering:** |  |
| **Point colors:** |  |
| **Point confidence:** |  |

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| DENSE POINT CLOUD OPTIMISATION | |
| **Filtering:** |  |
| **Resampling:** |  |
| **Bounding box to CRS:** |  |

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| DEM PRODUCTION | |
| **Coordinate system:** |  |
| **Source data:** |  |
| **Interpolation:** |  |
| **Point classes:** |  |
| **Spatial resolution (m):** |  |

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| ORTHOMOSAIC PRODUCTION | |
| **Coordinate system:** |  |
| **Source data:** |  |
| **Manual photo filtering:** |  |
| **Spatial resolution (m):** |  |

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| **ADDITIONAL NOTES:** | N/A |

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| *< End of chunk log >* |

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| **CHUNK LOG 2** | **Chunk name** |

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| IMAGERY | |
| **Platform/carrier:** |  |
| **Camera name:** |  |
| **Image dimensions:** |  |
| **Image format:** |  |
| **Focal length (mm):** |  |
| **Image number:** |  |

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| IMAGE QUALITY | |
| **Quality threshold:** |  |
| **New image nbr:** |  |

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| PHOTO ALIGNMENT | |
| **Accuracy:** |  |
| **Gen. preselection:** |  |
| **Ref. preselection:** |  |
| **Reset alignment:** |  |
| **Key point limit:** |  |
| **Tie point limit:** |  |
| **Exclude stat. points:** |  |
| **Guided matching:** |  |
| **Adaptive cam. Fitting:** |  |
| **Nbr. Images aligned:** |  |

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| GRADUAL SELECTION FILTERING | |
| **Initial SPC point nbr:** |  |
| **Image count:** |  |
| **Reprojection error:** |  |
| **Reconstr. uncertainty:** |  |
| **Projection accuracy:** |  |
| **Final SPC point nbr:** |  |

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| GEOREFERENCING | |
| **Type:** |  |
| **Nbr cam positions:** |  |
| **Cam pos. accuracy (m):** |  |
| **Cam pos. error (m):** |  |
| **Nbr GCPs:** |  |
| **GCP mean accuracy (m):** |  |
| **GCP mean error (m):** |  |
| **GCP mean error (pix):** |  |

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| REFERENCE SETTINGS | |
| **Coordinate system:** |  |
| **Cam reference system:** |  |
| **GCP reference system:** |  |
| **Cam accuracy (m):** |  |
| **Cam accuracy (deg):** |  |
| **Marker accuracy (m):** |  |
| **Marker accuracy (pix):** |  |
| **Tie point accuracy (pix):** |  |

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| DENSE MATCHING | |
| **Quality:** |  |
| **Depth filtering:** |  |
| **Point colors:** |  |
| **Point confidence:** |  |

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| DENSE POINT CLOUD OPTIMISATION | |
| **Filtering:** |  |
| **Resampling:** |  |
| **Bounding box to CRS:** |  |

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| DEM PRODUCTION | |
| **Coordinate system:** |  |
| **Source data:** |  |
| **Interpolation:** |  |
| **Point classes:** |  |
| **Spatial resolution (m):** |  |

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| ORTHOMOSAIC PRODUCTION | |
| **Coordinate system:** |  |
| **Source data:** |  |
| **Manual photo filtering:** |  |
| **Spatial resolution (m):** |  |

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| **ADDITIONAL NOTES:** | N/A |

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| *< End of chunk log >* |