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Note: personal information, such as the contact details of I&APs , has been redacted.

Site notice

(Site notice is comprised of 2 x A3 pages)

Environmental Authorisation Reference Number: To be assigned

Water Use General Authorisation Reference Number: WU18079

NOTIFICATION: APPLICATION FOR ENVIRONMENTAL AUTHORISATION, WATER USE AUTHORISATION AND ASSOCIATED PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED SQUARE KILOMETRE ARRAY (SKA) FIBRE OPTIC CABLE BETWEEN BEAUFORT WEST AND CARNARVON, IN THE NORTHERN CAPE AND WESTERN CAPE PROVINCES.

The South African National Research Network (SANReN), the Project Applicant, is proposing to install a high-speed fibre optic internet cable between Beaufort West and Carnarvon. The proposed fibre optic cable is required to facilitate a connection between the Square Kilometre Array (SKA) radio telescope core site in the Northern Cape (NC) and an existing data processing facility in Cape Town in the Western Cape (WC).

The fibre optic cable route will follow the N1, R381 and R63 roads for a length of approximately 183 km, from Beaufort West, via Loxton, to Carnarvon. The proposed project spans the WC and NC Provinces, and is located within the Beaufort West Local Municipality (Central Karoo District, WC), and the Ubuntu and Kareeberg Local Municipalities (Pixley ka Seme District, NC). The fibre optic cabling will predominantly be installed underground in the road reserves of the N1, R381 and R63 roads. Where underground installation of the cable is unfeasible (i.e. Molteno, Blounek and Rosedene passes) the cabling will be installed overhead on poles, in some sections just outside the road reserve.

The proposed project triggers Listed Activities that require a **Basic Assessment (BA) process** in terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA Environmental Impact Assessment (EIA) Regulations (as amended). An Application for Environmental Authorisation (EA) will be submitted to the Competent Authority for the EA, the National Department of Environment, Forestry and Fisheries (DEFF).

Furthermore, the proposed fibre optic cable may cross multiple watercourses (including rivers and drainage lines) which require water use authorization in terms of the National Water Act (Act 36 of 1998, as amended). A **water use General Authorisation (GA)**, as per GN 509 of the NWA, has been issued by the Competent Authority for the water use authorisation, Regional Department of Water and Sanitation (DWS) of the Lower Orange Water Management Area (WMA).

Part of the fibre optic cabling is proposed within the eastern section of the Karoo National Park next to the R381 road, specifically to traverse the difficult terrain associated with the Molteno Pass. In terms of the **National Environmental Management: Protected Areas Act (NEM:PAA), prior written approval of the Park management authority** is required for any development, construction or farming in a national park. South African National Parks (SANParks) and the Karoo National Park management have approved the proposed Fibre Optic Protect in line with the NEM:PAA requirements.

The Council for Scientific and Industrial Research (CSIR) Environmental Management Services has been appointed as the independent Environmental Assessment Practitioner (EAP) to undertake and manage the BA and GA processes for the proposed project on behalf of the Project Applicant.

An integrated Public Participation Process (PPP) is being undertaken for the BA and water use GA processes. Interested and Affected Parties (I&APs) are notified of the availability of and opportunity to comment on the Draft BA Report (including water use GA aspects).

Project information and reports are available online at: <https://www.csir.co.za/environmental-impact-assessment> and <http://bit.ly/SKAfibre-PPP>. Hard copy BA report summaries are available at: Beaufort West: Klein Karoo Agri (80 Donkin Street); Loxton: Loxton Library / Municipality (Corner of Margaretha Prinsloo Street and Probart Street); Carnarvon: SARAO Visitors Centre (Corner of Victoria and Hanau Street).

Should you have any questions, wish to register as an I&AP and / or to provide comments on the proposed project, you are kindly requested to e-mail, fax or post your details and comments to:

Attention: Luanita Snyman-Van der Walt.
Reference: SKA fibre.
Email: ems@csir.co.za (preferred).
PO Box 320, Stellenbosch, 7599.
Tel: 021 888 2400; Fax: 021 888 2693.



I&APs can also complete an online Registration and Comment form here: <http://bit.ly/SKAfibre-IAP>.

Commenting period closes 30 September 2021.

Public participation is conducted in accordance with the NEMA and the Protection of Personal Information Act (<https://www.csir.co.za/csir-privacy-notice>).

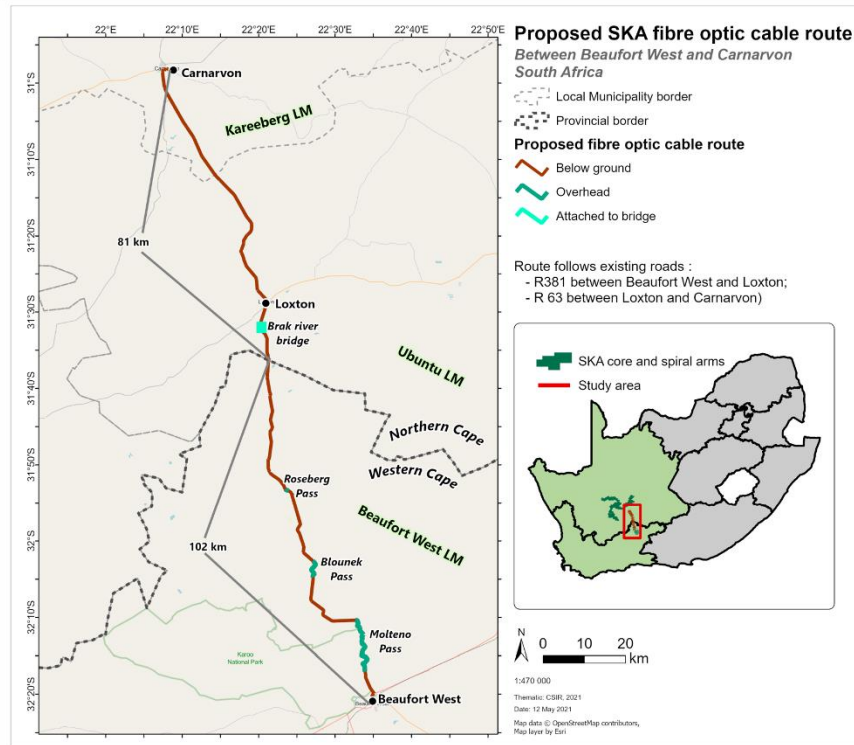


Figure i: The proposed SKA fibre optic cable route starts in Beaufort West, follows the existing R381 and R63 roads via Loxton and terminates in Carnarvon.

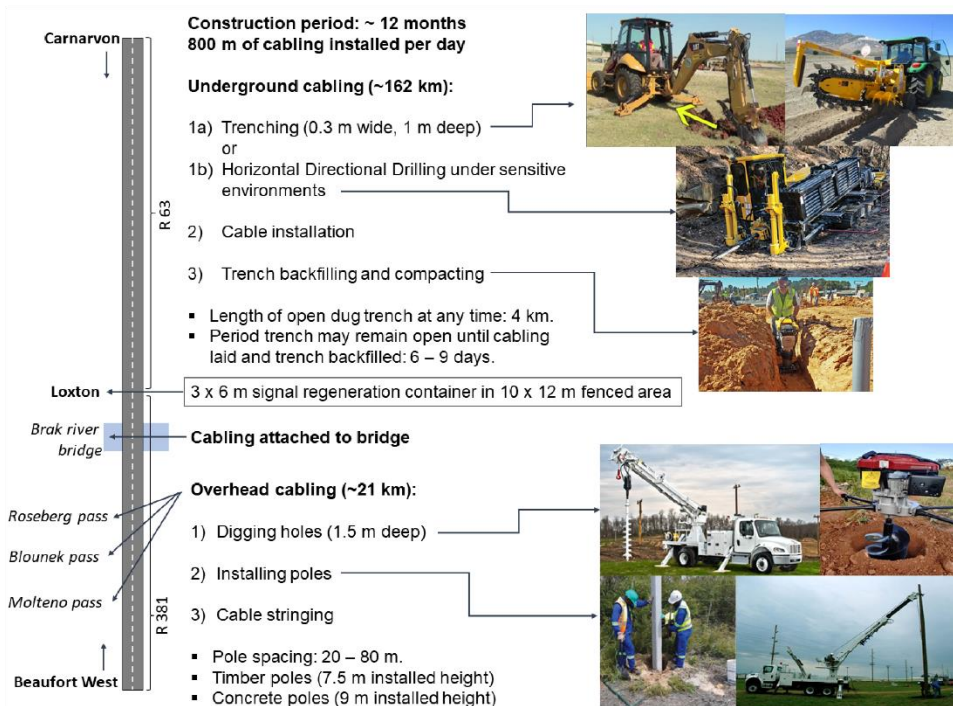
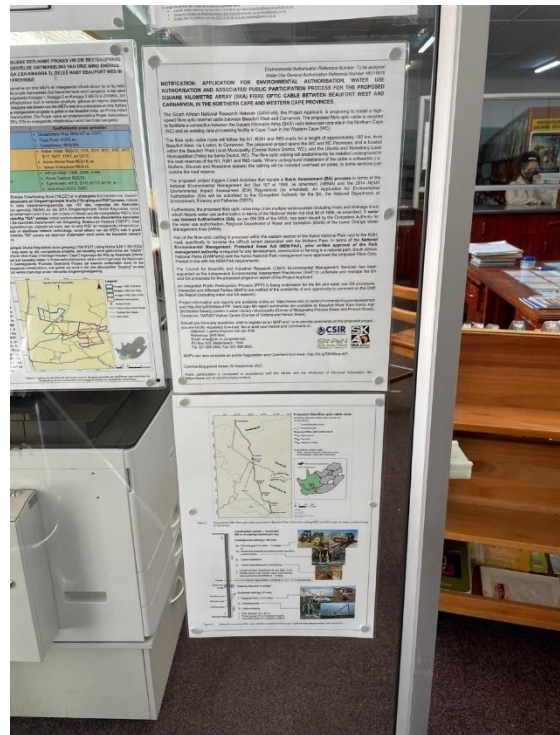


Figure ii: Schematic summary of the main activities to install the fibre optic cable between Beaufort West and Carnarvon.

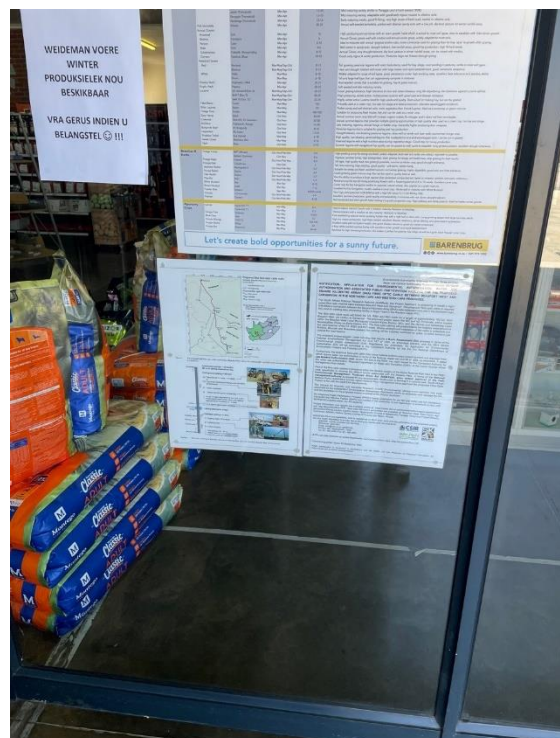
Square Kilometre Array fibre optic cable between Beaufort West and Carnarvon.
Appendices

Site notices and BAR summaries were placed at:

Beaufort West Public Library, Corner of Church and Bird Street, Beaufort West (32 21'1"S; 22 35'1"E);

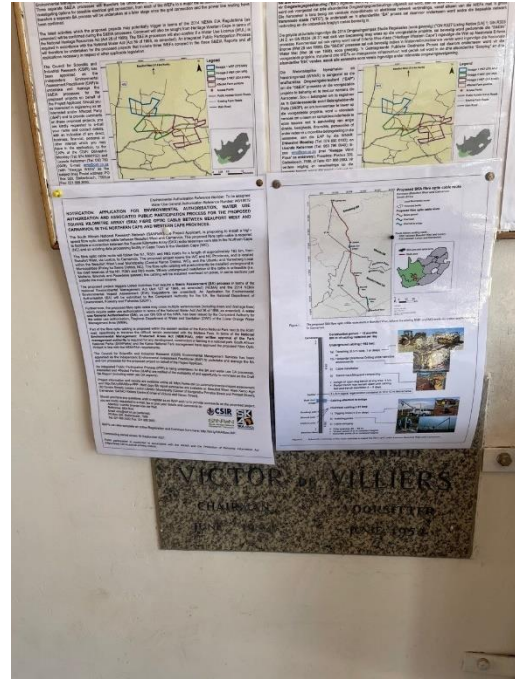


BKB Ltd, 150 Donkin Street, Beaufort West (32°21'19"S; 22°34' 59"E);



Square Kilometre Array fibre optic cable between Beaufort West and Carnarvon.
Appendices

Central Karoo District Municipality, 63 Donkin Street, Beaufort West (32°20'55"S; 22°34'57"E);



Loxton Public Library and Ubuntu Local Municipality, Magaretha Prinsloo Street, Loxton (31°28'29"S; 22°21'20"E);



Square Kilometre Array fibre optic cable between Beaufort West and Carnarvon.
Appendices

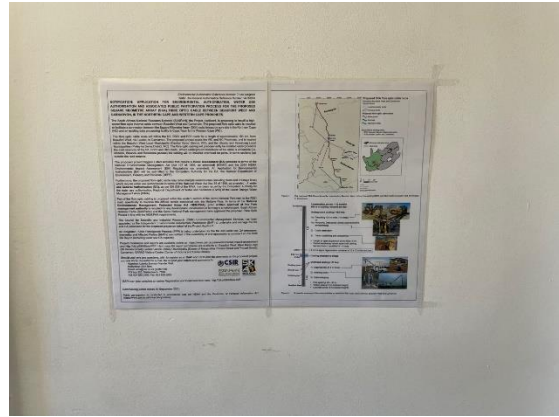
KVB, 94 Church Street, Loxton (31°28'38"S;
22°21'10"E);



Kareeberg Public Library & Local Municipality,
Hanau Street, Carnarvon (30°58'11"S;
22°7'44"E); and



SARAO Visitor's Centre, Corner of Victoria and Hanau Street, Carnarvon (30°58'9"S; 22°7'39"E).



Square Kilometre Array fibre optic cable between Beaufort West and Carnarvon. Appendices

Newspaper advertisements

City press – 29 August 2021



University of Venda
University Road, Thohoyandou, Limpopo
Private Bag 3050, Thohoyandou, 0950
Limpopo, South Africa
www.uv.ac.za

INVITATION TO TENDER

BID NO.	PROJECT DESCRIPTION	MIN. RFP	DEPOSIT	CLOSING DATE
19/2021	Procurement of services on Engineer Services, Programme of Work 1	R474,000	R10,000	13/09/2021
19/2021	Procurement of services on Engineer Services, Programme of Work 2	R474,000	R10,000	13/09/2021

Creating future leaders

University of Venda
University Road, Thohoyandou, Limpopo
Private Bag 3050, Thohoyandou, 0950
Limpopo, South Africa
www.uv.ac.za

INVITATION TO TENDER

BID NO.	PROJECT DESCRIPTION	MIN. RFP	DEPOSIT	CLOSING DATE
19/2021	Procurement of services on Engineer Services, Programme of Work 1	R474,000	R10,000	13/09/2021
19/2021	Procurement of services on Engineer Services, Programme of Work 2	R474,000	R10,000	13/09/2021

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MORETELE LOCAL MUNICIPALITY
OFFICE OF THE MUNICIPAL MANAGER

PUBLIC NOTICE

Notice is hereby given to members of the Municipal Council, Office of the Municipal Manager, and members of the public, that the Municipal Council will be holding a meeting on the 30th of August 2021, at 10:00 AM, in the Council Chamber, Moretele Municipality, to discuss the following items:

- Approval of the minutes of the meeting held on the 23rd of August 2021.
- Approval of the minutes of the meeting held on the 24th of August 2021.
- Approval of the minutes of the meeting held on the 25th of August 2021.
- Approval of the minutes of the meeting held on the 26th of August 2021.
- Approval of the minutes of the meeting held on the 27th of August 2021.
- Approval of the minutes of the meeting held on the 28th of August 2021.
- Approval of the minutes of the meeting held on the 29th of August 2021.

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University of Venda
University Road, Thohoyandou, Limpopo
Private Bag 3050, Thohoyandou, 0950
Limpopo, South Africa
www.uv.ac.za

CANCELLATION OF TENDERS

The University of Venda (Univen) hereby notifies that the tenders for the following projects have been cancelled:

BID NO.	PROJECT DESCRIPTION	DATE OF CANCELLATION	REASON FOR CANCELLATION
19/2021	Procurement of services on Engineer Services, Programme of Work 1	13/09/2021	Insufficient number of bidders
19/2021	Procurement of services on Engineer Services, Programme of Work 2	13/09/2021	Insufficient number of bidders

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science & innovation
Department of Science and Innovation
REPUBLIC OF SOUTH AFRICA

TENDER ADVERTISEMENT

Bid Number	Description	Briefing session	Closing date
DS06/2021-22	Service provider to review, update and upgrade the existing Science, Engineering and Technology career publication	No briefing session	23 September 2021 at 11:00am

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Mafube Local Municipality
OFFICE OF THE MUNICIPAL MANAGER

64 J.J. Hadebe Street Phone: 058 813 8110
P.O. Box 3 FRANKFORT, 9830 E-mail: mafube01@mabube.gov.za

ENQ: OUR REF: 10/1/1

Date: 27 August 2021

ERRATUM

Tender Ref No: MAF 089/2021/22 for Construction of a new ZAK concrete water Reservoir in Namahadi, Frankfort. We hereby give notification that advert that was published on the 22nd of August 2021 the closing date will be the 21st September 2021.

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Makhudhama Local Municipality
OFFICE OF THE MUNICIPAL MANAGER

100000

CANCELLATION OF TENDERS

The Municipality hereby notifies that the tenders for the following projects have been cancelled:

BID NO.	PROJECT DESCRIPTION	DATE OF CANCELLATION	REASON FOR CANCELLATION
19/2021	Procurement of services on Engineer Services, Programme of Work 1	13/09/2021	Insufficient number of bidders
19/2021	Procurement of services on Engineer Services, Programme of Work 2	13/09/2021	Insufficient number of bidders

Creating future leaders

INVITATION TO TENDER

HORTICULTURE SERVICES

The South African National Roads Agency (SANRAL) is a state-owned enterprise established in terms of the National Roads Act, 1998. SANRAL is a member of the Public Finance Management Act, 1998. SANRAL is a member of the Public Finance Management Act, 1998. SANRAL is a member of the Public Finance Management Act, 1998.

Creating future leaders

NOTIFICATION: APPLICATION FOR ENVIRONMENTAL AUTHORISATION AND ASSOCIATED PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED SQUARE KILOMETRE ARRAY (SKA) FIBRE OPTIC CABLE BETWEEN BEAUFORT WEST AND CARNARVON

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Creating future leaders

ERIC is looking for suitably qualified service provider to provide the following services:

- PROVISION FOR SECURITY SERVICES AT ALL ERIC COMPLEXES NAMELY: CHRIS HAN VILLAGE, PHANOE PARK, AIRPORT PARK 1 & 2 AND DIVULLE FIVE & SIX FOR A PERIOD OF 36 MONTHS STARTING FROM THE CITY OF DURBAN/ULUHLUENI BID NUMBER ERIC/SC/2021
- THE CONTRACT WILL BE AGENCY COST OF R150,000 AND WILL ONLY BE ISSUED UPON PROOF OF PAYMENT, (ONLY FOR SECURITY TENDERS).

Banking Details:
ACCOUNT NAME: GREATER INTEGRATED PHASE 2 HOUSING
ACCOUNT NUMBER: 62300
BRANCH CODE: 62300
REFERENCE NO: 62300

APPOINTMENT OF A PRINCIPAL CONSULTANT WITH BUILDINGS, CIVIL, STRUCTURAL, ELECTRICAL, MECHANICAL, ENGINEERING AND CONSTRUCTION, TRAFFIC MANAGEMENT EXPERTISE FOR THE COMPLETION OF WORKS AT EX 80 GERMISTON FIRE STATION PHASE 3 INDUSTRIAL HOUSING PROJECT IN GERMISTON, CITY OF DURBAN/ULUHLUENI. BID NUMBER ERIC/SC/2021

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THEMBISILE HANI LOCAL MUNICIPALITY

TENDERS ARE HEREBY INVITED FOR THE FOLLOWING PROJECTS

CONTRACT NO.	DESCRIPTION	TECHNICAL REQUIREMENTS	PRICE PER UNIT	CLOSING DATE
19/2021	Procurement of services on Engineer Services, Programme of Work 1	R474,000	R10,000	13/09/2021
19/2021	Procurement of services on Engineer Services, Programme of Work 2	R474,000	R10,000	13/09/2021

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higher education & training
Department of Higher Education and Training
REPUBLIC OF SOUTH AFRICA

Tender Notice and Invitation to Tender
BID NO. 15/SC-001/2021

Creating future leaders

SOUTH AFRICAN GEOGRAPHICAL NAMES COUNCIL FOR NOMINATIONS

The Department of Sport, Arts and Culture hereby invites members of the public to nominate people to be members of the South African Geographical Names Council. The Council consists of no more than 20 members of which 12 are representatives of the provinces, the South African Post Office, the Department of Transport and the Department of Tourism and Creative Industries.

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Request for Proposals for Hospital Network

Sizwe Medical Fund would like to invite proposals for the expansion of hospital networks. The fund is a state-owned enterprise established in terms of the National Roads Act, 1998. The fund is a member of the Public Finance Management Act, 1998.

Creating future leaders

Request for Proposals for Hospital Network

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Creating future leaders

NOTIFICATION: APPLICATION FOR ENVIRONMENTAL AUTHORISATION, WATER USE AUTHORISATION, AND ASSOCIATED PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED SQUARE KILOMETRE ARRAY (SKA) FIBRE OPTIC CABLE BETWEEN BEAUFORT WEST AND CARNARVON

The South African National Research Network (SANReN) is proposing to install a high-speed fibre optic internet cable between Beaufort West and Carnarvon. The proposed fibre optic cable is required to facilitate a connection between the Square Kilometre Array (SKA) core site in the Northern Cape (NC) and an existing data processing facility in Cape Town in the Western Cape (WC).

The proposed route for the new fibre optic cable will follow the N1, R381 and R63 roads from Beaufort West, via Loxton, to Carnarvon. The project is located within the Beaufort West Local Municipality (Central Karoo District, WC), and the Ubuntu and Kareeberg Local Municipalities (Pixley ka Seme District, NC). The fibre optic cabling will predominantly be installed underground in the road reserves of the N1, R381 and R63 roads, and overhead at the Molteno, Blounek and Rosedene passes.

The proposed project requires a **Basic Assessment (BA)** process in terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) Environmental Impact Assessment (EIA) Regulations (2014 as amended, 2017, 2021); as well as a **water use General Authorisation** for multiple watercourses crossings along the route. The fibre optic cabling is partly proposed within the eastern section of the Karoo National Park next to the R381 road, specifically to traverse the difficult terrain associated with the Molteno Pass. The South African National Parks (SANParks) and the Karoo National Park management have approved the project in line with the National Environmental Management: Protected Areas Act (NEM:PAA) requirements.

Interested and Affected Parties (I&APs) are hereby notified of the release of the Draft BA Report for the proposed project for a 30-day review period from **XX xxx to XX.**

Register as an I&AP and submit comments on the draft report to: Luanita Snyman-van der Walt. Ref: SKA fibre. Email: ems@csir.co.za. PO Box 320, Stellenbosch, 7599. Tel: 021 888 2400; Fax: 021 888 2693.

The draft BA Report is available online at: <https://www.csir.co.za/environmental-impact-assessment> or <http://bit.ly/SKAfibre-PPP>. I&APs can also complete an online Registration and Comment form at: <http://bit.ly/SKAfibre-IAP>.



ADVERTENSIE-TARIEF
 E-POS: noordwester@hantam.co.za
OM TE ADVERTEER SKAKEL:
NOORDWESTER CALVINIA JANETTA
 027 341 1026
Oewernuus
 PRIESKA
 BETS DU PISANIE
 084 582 7024
MESSENGER
 VICTORIA-WES
 CORNEMARI
 082 653 1432

CARNARVON BOUKONTRAKTEURS
 CARNARVON Ons vervaardig plaaslike, radioneer en streeklou (400 mm x 400 mm x 300 mm x 300 mm en "mereloung pavers").
 Sakhoë: 082 864 8531

LYNX security services



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- Ons installeer alarmstelsels
- Ons monitor alarms
- Ons patroleer u persele

24 UUR DIENS
 TEL. 084 564 1588

BOEDELKENNISGEWING
 In die boedel van wyle **GEORGE NIMMERHOUDT**, Identifikasienommer: 390715 5071 080, getroud binne gemeenskap van goedere met **ANNIE NIMMERHOUDT** in lewe woonagtig te Ploegpoelstraat 5, Niekerskloof, oorlede te Prieska op 25 Desember 2020.
 Boedelnommer: 2258/2007
 Kennis geëksei herme kragtins Artikel 35(5) van die Boedelwet Nr. 66 van 1965 dat die eerste en finale likwadiese en distribusierolking in hierdie boedel ter insae lê vir belanghebbendes vir 'n tydperk van 21 (EEN EN TWINTIG) dae en wel vanaf 27 AUGUSTUS 2021 ten kantore van die Meester van die Hoogereregshof te Kimberley en die Landdros te Prieska.
FRANS JACOBUS LOTZ
 Ekskuteur
 P/a M & M VAN NIEKERK ING.
 Ou Mutual Gebou
 Kerkstraat, Prieska
 Tel: 053 353 1131
 e-pos: vankerkem@yn.co.za
 Verw: F.J.LOTZ/EP/IN0011

BOEDELKENNISGEWING
 KENNISGEWING AAN KREDITEUR
 BOEDEL NR 2145/2021
 In die boedel van wyle **CATHARINA MAGRIETA SACCO**, gebore 20 FEBRUARIE 1957, identifikasienommer: 570220 0221 98 9 en nagelate eggenoot, **PATRICK SACCO**, identifikasienommer: 590193 5089 08 3, wie getroud binne Gemeenskap van Goed en oorlede is op 3 JUNIE 2020, in lewe van Daniëlsstraat 24, Carnarvon, 8925.
 Ingevolge Artikel 29 van Wet Nr. 66 van 1965 word alle persone wat vordering het teen die bogenoemde boedel hierby versoek om hulle vordering by die ondergetekende in te dien binne 'n tydperk van 30 dae teken vanaf datum van publikasie hiervan.
 Gedateer te Carnarvon op hede die 18de dag van AUGUSTUS 2021.
VAN NIEKERK COETZEE
 Victoriasstraat 10, Posbus 18 Carnarvon 8925
 Prokureur vir Ekskuteur

BOEDELKENNISGEWING
 KENNISGEWING AAN KREDITEUR
 In die boedel van wyle **JAN PHILIPUS GERARDUS JACOBS** (Identifikasienommer: 4705155000080) getroud binne gemeenskap van goedere, in lewe woonagtig te Ploegpoelstraat 1, Carnarvon, wie oorlede is op 22 Junie 2021 te Carnarvon.
 BOEDELNOMMER: 3249/2021
 Kennis geëksei herme aan alle debiteure en krediteure in bogenoemde boedel om hul eisde in te dien en hul skulde te vereffen binne die tydperk van 30 (dertig) dae vanaf datum van publikasie hiervan naamlik by die ondergetekende.
M D VISSER PROKUREURS
 Prokureur vir Ekskuteur
 Victoriasstraat 9 / Posbus 4 CARNARVON 8925

BOEDELKENNISGEWING
 KENNISGEWING AAN KREDITEUR
 BOEDEL NR 1903/2021
 In die boedel van wyle **ARRIE WILLEM STEENKAMP**, gebore 11 Junie 1948, Identifikasienommer: 480507 08 5 en oorlede is op 12 Desember 2020, in lewe van Witrouwef, Calvinia, 8190.
 Ingevolge Artikel 29 van Wet Nr. 66 van 1965 word alle persone wat vordering het teen die bogenoemde boedel hierby versoek om hulle vordering by die ondergetekende in te dien binne 'n tydperk van 30 dae teken vanaf datum van publikasie hiervan.
 Gedateer te CARNARVON op hede die 18de dag van AUGUSTUS 2021.
VAN NIEKERK COETZEE
 Victoriasstraat 10, Posbus 18 CARNARVON 8925
 Prokureur vir Ekskuteur

BOEDELKENNISGEWING
 Boedel wyle **WILLEM JANSEN**, Identifikasienommer: 610806 5729 084, in lewe 'n meerdertigjarige wewenaar van **MEYERSTRAAT 16, PRIESKA 8940** wie oorlede is op 12 MEI 2019.
 BOEDELNOMMER: 1936/2020
 Debiteure en krediteure in bogenoemde boedel word herme aangegê om binne tydperk van dertig (30) dae vanaf datum van publikasie hiervan hulle eisde teen die boedel in te stel en hulle skuld aan ondergetekende te vereffen.
 Getekene te PRIESKA, op hierdie 23ste dag van Augustus 2021.
S O IMMELMAN ING.
 Van Hoërbeeklaan 1, Posbus 37 PRIESKA, 8940.

BOEDELKENNISGEWING
 KENNISGEWING AAN KREDITEUR
 BOEDEL NR 1845/2021
 In die boedel van wyle **ALIDA VAN NIEKERK** getroue op 23 NOVEMBER 1938, Identifikasienommer: 381123 0023 08 4, oorlede op 1 November 2020 van Huis Dane van Hooftseer, Daniëlsstraat, Carnarvon, 8925.
 Ingevolge Artikel 29 van Wet Nr. 66 van 1965 word alle persone wat vordering het teen die bogenoemde boedel hierby versoek om hulle vordering by die ondergetekende in te dien binne 'n tydperk van 30 dae teken vanaf datum van publikasie hiervan.
 Gedateer te CARNARVON op hede die 18de dag van AUGUSTUS 2021.
VAN NIEKERK COETZEE
 Victoriasstraat 10, Posbus 18 CARNARVON 8925
 Prokureur vir Ekskuteur

BOEDELKENNISGEWING
 BOEDELNOMMER: 252/2012
 In die boedel van wyle **JACOBUS JACOBINA LOUW JACOBS**, Identifikasienommer: 270403 0023 084, gebore 03 April 1927, ongetroude weduwee en pensionaris in lewe van Huis Dane van Hooftseer, Daniëlsstraat Carnarvon, 8925 wie oorlede is te Carnarvon op 30 November 2011.
 Kennis word herme geëksei kragtins Artikel 35(5) van Wet 66/1965 dat die duplikate van die eerste en finale likwadiese en distribusierolking in bogenoemde Boedel ter insae lê vir diene wat 'n belang het daerby vir 'n tydperk van 21 dae vanaf 27 Augustus 2021 in die kantoor van die Meester van die Hoëhof te Kimberley en die Landdroskantoor te Carnarvon, indien geen besoek binne die gemelde tyd by die Meester of Landdroskantoor ingedien word nie, sal die ekskuteur oorgaan tot uitbaling ingevolge die gemelde rolking.
 Gedateer te CARNARVON op 18 AUGUSTUS 2021.
VAN NIEKERK COETZEE
 Vir Ekskuteur
 Victoriasstraat 10, Posbus 18 Carnarvon 8925

SLIM OM DIE KOFFIETAFEL
Wyser maar nie eintlik gryser

Koffiepit van Calvinia, skryf: Die Koffiebonde, ofstele die woonstel inwoners van Sorgvliet Tehuis vir bejaardes, het 'n aantal toevoegings tot hulle geleedere bygeky.

Weekliks het ons samekoms, onvoorbereid met 'n heerlike beker koffie in die hand, waar ons 'n onderwerp vir bespreking ter tafel lê.

Die onderwerp word uit die vuis besprek, bekly, gedebatteer en uitsluitel oor gegee.

Aandag word nie net gevestig op die fisiese nie, nee daar word dieper gedelf en die geestelike dieper sy word ook betrek.

Hiervolgens word ons wyser en nie gryser nie, vind dit baie stimulerend en 'n heerlike breinskrum. Met verloop van baie weke het ons al 43 onderwerpe kafdraf. Ek noem 'n paar naamlik paaië, slagtae, grense, tripsieël, vriendskap, kanolle, verwerping, is die meis 'n kuddedier en vele meer.

Ek wil ook noem dat ons oudste lid DV met haar volgende verjaardag 100 jaar oud word en sy neem aktief deel met baie lewenservaring en kennis.

Ons sien weekliks reikhalend uit na ons volgende samekoms en die kennis wat ons opdoen, en die heerlike samsyn is van onskatbare waarde. Dit is ook 'n lekker toefie om 'n week lang aan te kou.

KENNISGEWING: AANSOEK VIR OMGEWINGSAGTING EN VERWANTE PUBLIEKE DEELNAME PROSES VIR DIE VOORGESTELDE "SQUARE KILOMETRE ARRAY" (SKA) OPTIESE VESEL KABEL TUSSEN BEAUFORT WES EN CARNARVON

Die "South African National Research Network" (SANREN) beplan om 'n hoëspoed optiese vesel internat kabel tussen Beaufort West en Carnarvon te installeer. Die optiese vesel kabel word benodig om die komsake tussen die "Square Kilometre Array" (SKA) radioteleskoop in die Noordkooep en die dataverwerkingsstasie in Kapsstad, Weskooep, te voltooi.

Die voorgestelde roete vir die nuwe optiese vesel kable sal die N1, R381 en R63 padde vanaf Beaufort West, via Loxton, tot in Carnarvon volg. Die projek is dus geleë in die Beaufort West munisipaliteit (Suidre Karoo Distrik, Weskooep), en die Ubantu en Koroeburg munisipaliteite (Paley te Same Distrik, Noekkooep). Die kabel sal hoofsaaklik ondergrond en binne die padreserwes van die N1, R381 and R63 padde installeer word, asook oorhoof by die Mullens, Blounek en Rooders padde.

Die voorgestelde projek benodig 'n **Basiese Assessering (BA)** proses in terme van die "National Environmental Management Act" (NEMA) (19/94 van 1998), asook gevestig (NEMA) 2014 NEMA "Environmental Impact Assessment" (EIA) Regulasies (asos gevestig, 2017, 2021).

Gemeenteraede en Belanghebbende Party (G&BP) word herme in kennis gestel van die vrystelling van die konsep SA Verslag vir die voorgestelde projek vir 'n 30-dae hersteringsperiode vanaf 30 Augustus tot en met 30 September 2021.

Registreer as 'n G&BP en uwe kommentaar op die konsep verslag aan: Leanda Snyman-van der Walt via epos, loks of pos. Verwysing: SKA Fibre Epos: ems@csir.co.za. Posbus 120, Stellenbosch, 7539. Tel: 021-889 2400. Faks: 021 888 2693

Die konsep BA Verslag is aanlyn beskikbaar by: <https://bit.ly/EMSEA> of <http://bit.ly/SKAFibre-PPP>. G&BP kan ook 'n aanlyn Registrasie en Kommentaar form hier voltooi: <http://bit.ly/SKAFibre-IAP>.

Publieke deelname word uitgeoef per die verslaes van die NEMA en die "Protection of Personal Information Act" (https://bit.ly/CSIR_privacy).



NOORDWESTER UITGEWERS TEL. 027 341 1026
Skryfbehoeftes Handelaars op Calvinia E-pos: noordwester@hantam.co.za

MEERKAT NATIONALE PARK: KENNISGEWING AAN BELANGHEBBENDE PARTYE

Neem asseblief kennis dat SANParks die korsepparkbestuursplan vir die Meerkat Nasionale Park ontwikkel het in terme van artikel 39, goeies lesame met artikel 41 van die Nasionale Omgewingsbewaring Wet, Wet op Beskermde Gebiede (Wet No. 57 van 2003). Die parkbestuursplan sal as basiese dien vir die bestuur van genoemde park, gedurende die periode 2022 - 2031. Die Wet vereis dat alle belanghebbendes die geleentheid gegee moet word om kommentaar te lewer op die inhoud van hierdie dokument.

'n Elektroniese weergawe van hierdie dokument sal op SANParks se webtuiste www.sanparks.org/conservation/park_man/draft_pans_public_comment.php beskikbaar wees vanaf 23 Augustus 2021.

Hierdie dokument kan ook by die volgende lokale besigtig word vanaf 23 Augustus 2021:

LOKAAL	
Publieke biblioteek, Hoofstr. 342, Brandvlei	
Kareeberg Plaaslike Munisipaliteit biblioteek, Langstraat 5, Carnarvon	
Karoo Hoogland Plaaslike Munisipaliteit biblioteek, Herbsstraat, Williston	

Belanghebbendes is welkom om 'n publieke informasie sessie by te woon, waar meer inligting bekom en insette gegee kan word.

Datum	Tyd	Plek	Informasie sessie	Elektroniese skakel vir Zoom vergadering	In persoon bywonings kapasiteit
07/09/2021	16:30	N.G. Kerkstraat, Voortrekkersstr. 39, Brandvlei	In persoon en elektronies	Sul aan by Zoom vergadering https://skazoom.us/j/94553172300?pwd=b0k0VHh0dUJF4bThRlPKYzNmUjMGE3UT09	15
08/09/2021	10:00	Amandeelsbos Ontwikkeling Sentrum, Scholtzstr., Williston	Slegs in persoon	Nie van toepassing	25
08/09/2021	16:30		In persoon en elektronies	Sul aan by Zoom vergadering https://skazoom.us/j/94553172300?pwd=b0k0VHh0dUJF4bThRlPKYzNmUjMGE3UT09	25
09/09/2021	10:00	SASSA Saal, Langstr., Carnarvon	Slegs in persoon	Nie van toepassing	35
09/09/2021	16:30		In persoon en elektronies	Sul aan by Zoom vergadering https://skazoom.us/j/94553172300?pwd=b0k0VHh0dUJF4bThRlPKYzNmUjMGE3UT09	35
10/09/2021	10:00		Nie van toepassing	Elektronies Sul aan by Zoom vergadering https://skazoom.us/j/94553172300?pwd=b0k0VHh0dUJF4bThRlPKYzNmUjMGE3UT09	

Die gepubliseerde Covid regulasies sal van toepassing wees op al die publieke informasie sessies. Alle belanghebbendes sal enige van die in persoon informasie sessies geakkommodeer kan word. Vanwee die beperkte aantal plekke beskikbaar word belanghebbendes wat enige van die in persoon informasie sessies wil bywoon versoek om so spoedig moontlik by André Spies te RSVP. Die afsnydatum vir besprekings is 03 September 2021. Die kontakbesonderhede wat gebruik moet word om te RSVP verskyn hieronder.

Belanghebbendes kan ook geskrewe kommentaar elektronies of per pos stuur aan:
 Vir aandag: Mnr. André Spies Posadres: Posbus 787, Pretoria, 0001
 Sel no: 083 6304575
 Epos: andrespies@sanparks.org
 Die sperdatum vir insette is **01 Oktober 2021**.

**KENNISGEWING: AANSOEK VIR
OMGEWINGSMAGTIGING, WATERVERBUIK
MAGTIGING EN VERWANTE PUBLIEKE
DEELNAME PROSES VIR DIE VOORGESTELDE
“SQUARE KILOMETRE ARRAY” (SKA) OPTIESE
VESEL KABEL TUSSEN BEAUFORT WES
EN CARNARVON**

Die “South African National Research Network” (SANReN) beplan om ‘n hoë-spoed optiese vesel internet kabel tussen Beaufort West en Carnarvon te installeer. Die optiese vesel kabel word benodig om die konneksie tussen die “Square Kilometre Array” (SKA) radioteleskoop in die Noordkaap en ‘n bestaande dataverwerkingsfasiliteit in Kaapstad, in the Weskaap, te voltooi.

Die voorgestelde roete vir die nuwe optiese vesel kable sal die N1, R381 en R63 paaie vanaf Beaufort Wes, via Loxton, tot in Carnarvon volg. Die projek is dus geleë in die Beaufort Wes munisipaliteit (Sentrale Karoo Distrik, Weskaap), en die Ubuntu en Kareeberg munisipaliteite (Pixley ka Seme Distrik, Noodkaap). The kabel sal hoosaaklik ondergrond en binne die pad reserwes van die N1, R381 and R63 paaie installeer word, en oorhoofs by die Molteno, Blounek en Rosedene passe.

Die voorgestelde projek benodig ‘n **Basiese Assessering (BA)** proses in terme van die “National Environmental Management Act” (Wet 107 van 1998, soos gewysig) (NEMA) 2014 NEMA “Environmental Impact Assessment” (EIA) Regulasies (soos gewysig, 2017, 2021); asook ‘n **waterverbruik Algemene Magtiging** vir rivierkruisings. ‘n Gedeelte van die optiese vesel kabel word beplan in die oostelike gedeelte van die Karoo Nasionale Park, langs die R381 pad, om die komplekse topografie van die Molteno Pas te deurkruis. Die Suid-Afrikaanse Parkeraad (SANParke) en die bestuur van die Karoo Nasionale Park het die optiese vesel kabel goedgekeur.

Geïntereeserde en Belanghebbende Partye (G&BPs) word hiermee in kennis gestel van die vrystelling van die konsep BA Verslag vir die voorgestelde projek vir ‘n 30-dae hersieningsperiode vanaf **xxx tot en met xxx**.

Registreer as ‘n G&BP en stuur kommentaar op die konsep verslag aan: Luanita Snyman-Van der Walt via epos, faks of pos. Verwysing: SKA fibre. Epos: **ems@csir.co.za**. Posbus 320, Stellenbosch, 7599. Tel: 021 888 2400. Faks: 021 888 2693.

Die konsep BA Verslag is aanlyn beskikbaar by: **<https://www.csir.co.za/environmental-impact-assessment>** of **<http://bit.ly/SKAfibre-PPP>**. G&BPs kan ook ‘n aanlyn Registrasie en Kommentaar form hier voltooi: **<http://bit.ly/SKAfibre-IAP>**.



Letter - Notification 1: I&AP registration and draft Report commenting period

(Text and layout only, sent to I&APs (incl. adjacent landowners) via email. Several adjacent landowners do not have email addresses – their letters are hand-delivered. Proof of transmittal (hard copy and email) will be included in the final report).



CSIR Environmental Management Services
 11 Jan Celliers Street, Stellenbosch, 7600
 Tel: +27 (0) 21 888 2400
 Email: ems@csir.co.za

23 August 2021

23 Augustus 2021

<p>Dear Interested and Affected Party</p> <p>NOTIFICATION: APPLICATION FOR ENVIRONMENTAL AUTHORISATION, WATER USE AUTHORISATION AND ASSOCIATED PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED SQUARE KILOMETRE ARRAY (SKA) FIBRE OPTIC CABLE BETWEEN BEAUFORT WEST AND CARNARVON, IN THE NORTHERN CAPE AND WESTERN CAPE PROVINCES</p>	<p>Geagte Belanghebbende en Geaffekteerde Party</p> <p>KENNISGEWING: AANSOEK VIR OMGEWINGSMAGTIGING, WATERVERBUIK MAGTIGING EN VERWANTE PUBLIEKE DEELNAME PROSES VIR DIE VOORGESTELDE "SQUARE KILOMETRE ARRAY" (SKA) OPTIESE VESEL KABEL TUSSEN BEAUFORT WES EN CARNARVON, IN DIE WESKAAP EN NOORDKAAP PROVINSIES.</p>
<p>Environmental Authorisation Reference Number: To be assigned. Water Use General Authorisation Reference Number: WU18079.</p>	<p>Omgewingsmagtiging Verwysings Nommer: Moet steeds toegewys word. Waterververbuik-magtiging Verwysings Nommer: WU18079.</p>
<p>Notice is hereby given that the South African National Research Network (SANReN), the Project Applicant, is proposing to install a high-speed fibre optic internet cable between Beaufort West and Carnarvon. The proposed fibre optic cable is required in order to facilitate a connection between the Square Kilometre Array (SKA) core site in the Northern Cape (NC) and an existing data processing facility in Cape Town in the Western Cape (WC). Fibre optic infrastructure already exists between the SKA core site and Carnarvon, and between Beaufort West and the existing data processing facility in Cape Town.</p> <p>The proposed route for the new fibre optic cable will follow the N1, R381 and R63 roads for a length of approximately 183 km, from Beaufort West, via Loxton, to Carnarvon. The proposed project spans the WC and NC Provinces, and is located within the Beaufort West Local Municipality (Central Karoo District, WC), and the Ubuntu and Kareeberg Local Municipalities (Pixley ka Seme District, NC).</p> <p>The fibre optic cabling will predominantly be installed underground in the road reserves of the N1, R381 and R63 roads:</p> <p>Beaufort West: 2nd Ave. → Park Ave. → Kerk Str. → New Str. → Donkin Str. (N1 / N12) → Beaufort West to Loxton: R381 → Loxton: Fraserburg Str. → Auret Str. / R381 → Loxton to Carnarvon: R63 → Carnarvon: Biblioteek Str. → Zahn Str. → Van Riebeeck Str. → Stasieweg Str.</p>	<p>U word hiermee in kennis gestel dat die "South African National Research Network" (SANReN), die Aansoeker, voorstel om 'n hoë-spoed optiese vesel internet kabel tussen Beaufort West en Carnarvon te installeer. Die optiese vesel kabel word benodig om die konneksie tussen die "Square Kilometre Array" (SKA) radioteleskoop in die Noordkaap en 'n bestaande dataverwerkingsfasiliteit in Kaapstad, in die Weskaap, te voltooi. Optiese vesel infrastruktuur bestaan reeds tussen die SKA en Carnarvon, en tussen Beaufort West en Kaapstad.</p> <p>Die voorgestelde roete vir die nuwe optiese vesel kable sal die N1, R381 en R63 paaie volg vir 'n afstand van ongeveer 183 km vanaf Beaufort West, via Loxton, tot in Carnarvon. Die projek is dus geleë in die Beaufort West munisipaliteit (Sentrale Karoo Distrik, Weskaap), en die Ubuntu en Kareeberg munisipaliteite (Pixley ka Seme Distrik, Noodkaap).</p> <p>The kabel sal hoosaaklik ondergrond en binne die pad reserwes van die N1, R381 and R63 paaie installeer word:</p> <p>Beaufort West: 2nd Ave. → Park Ave. → Kerk Str. → New Str. → Donkin Str. (N1 / N12) → Beaufort West na Loxton: R381 → Loxton: Fraserburg Str. → Auret Str. / R381 → Loxton na Carnarvon: R63 → Carnarvon: Biblioteek Str. → Zahn Str. → Van Riebeeck Str. → Stasieweg Str.</p>

Where underground installation of the cable is unfeasible (i.e. Molteno, Blounek and Rosedene passes) the cabling will be installed on poles 7.5 – 9 m tall, potentially just outside the road reserve on the following properties:

Molteno Pass:

- Erf 3545, Beaufort West region [C00900010000354500000] (Karoo National Park).
- Erf 1707, Beaufort West region [C00900010000170700000] (Karoo National Park).
- Portion 9 of the Farm Alwins Gate 186 [C00900000000018600009] (Karoo National Park).
- Portion 1 of the farm Matjes Valie 103 [C00900000000010300001].
- Road reserve of R 381, as far as possible.

Blounek Pass:

- Remainder of the Farm Waterval 97 [C0090000000009700000].
- Remainder of the Farm Middle Kraal 98 [C0090000000009800000].
- Road reserve of R 381, as far as possible.

Roseberg Pass:

- Within road reserve of the R381.

The proposed project triggers Listed Activities that require a **Basic Assessment (BA) process** in terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA Environmental Impact Assessment (EIA) Regulations (as amended, 2017). An Application for Environmental Authorisation (EA) will be submitted to the Competent Authority for the EA, the National Department of Environment, Forestry and Fisheries (DEFF).

Furthermore, the proposed fibre optic cable may cross multiple watercourses (including rivers and drainage lines) which require water use authorization in terms of the National Water Act (Act 36 of 1998, as amended). A **water use General Authorisation (GA)**, as per GN 509 of the NWA, has been issued by the Competent Authority for the water use authorisation, Regional Department of, Water and Sanitation (DWS) of the Lower Orange Water Management Area (WMA).

Council for Scientific and Industrial Research (CSIR) Environmental Management Services has been appointed as the independent Environmental Assessment Practitioner (EAP) to undertake and manage the BA and GA processes for the proposed project on behalf of the Project Applicant. However, since CSIR is the parent organisation of SANReN (i.e. the Applicant and the EAP are both associated with the CSIR), an independent peer review EAP (from SLR Consulting SA) has been appointed.

Interested and Affected Parties (I&APs) are hereby notified of the release of the draft BA Report for the proposed project for a 30-day review period from 30 August to 30 September 2021.

Waar dit onprakties is om die kabel te begrawe (bv. die Molteno, Blounek en Rosedene passe) sal die kabel op pale, tussen 7.5 – 9 m hoog, installeer word, moontlik n t buite die padreserwe op die volgende eiendomme:

Molteno Pas:

- Erf 3545, Beaufort West steek [C00900010000354500000] (Karoo Nasionale Park).
- Erf 1707, Beaufort West streek [C00900010000170700000] (Karoo Nasionale Park).
- Porsie 9 van Alwins Gate 186 [C00900000000018600009] (Karoo Nasionale Park).
- Porsie 1 van Matjes Valie 103 [C00900000000010300001].
- Padreserwe van die R 381, sover moontlik.

Blounek Pas:

- Restant van Waterval 97 [C0090000000009700000].
- Restant van Middle Kraal 98 [C0090000000009800000].
- Padreserwe van die R381, sover moontlik.

Roseberg Pas:

- Padreserwe van die R381.

Die voorgestelde projek sluit aktiwiteite in wat 'n **Basiese Assessering (BA)** proses in terme van die "National Environmental Management Act" (Wet 107 van 1998, soos gewysig) (NEMA) en die 2014 NEMA "Environmental Impact Assessment" (EIA) Regulasies (soos gewysig, 2017) benodig. 'n Aansoek vir Omgewingsmagtiging (OM / "EA") sal aan die Bevoegde Owerheid – die Nasionale Departement van Omgeweing, Bosbou en Visserye – ingedien word.

Verder, die voorgestelde kabel gaan verskeie riviere en dreineringslyne deurkruis. Hierdie riverkruisings vereis waterverbruik-magtiging in terme van die "National Water Act" (Wet 36 of 1998, soos gewysig). 'n **Algemene Magtiging (AM / "GA")** vir waterverbruik is uitgereik deur die Bevoegde Owerheid – die Streeksdepartement vir Water en Sanisasie in beheer vir die Laer Oranje waterbestuursarea.

Die Wetenskaplike en Nywerheid Navorsingsraad (WNNR / "CSIR") se "Environmental Management Services" is aangestel as die onafhanklike Omgewingsassessering Praktisyn (OAP / "EAP") om die BA en AM prosesse te onderneem. Die WNNR is egter die voorgesorgde organisasie van SANReN, en dus is 'n addisionele onafhanklike en eksterne hersiener (van "SLR Consulting SA") aangestel.

'Belanghebbende en Geaffekteerde Partye (B&GPs) word hiermee in kennis gestel van die vrystelling van die konsep BA Verslag) vir die voorgestelde projek vir 30 dae vanaf 30 Augustus tot 30 September 2021.

Square Kilometre Array fibre optic cable between Beaufort West and Carnarvon.
Appendices

<p>The draft BA Report is available online at: https://www.csir.co.za/environmental-impact-assessment or http://bit.ly/SKAfibre-PPP.</p> <p>Hard copies of the BAR summary are available at the following locations during the 30-day commenting period on the draft BAR:</p> <ul style="list-style-type: none">- Beaufort West: Klein Karoo Agri (80 Donkin Str.).- Loxton: Loxton Library / Municipality (Corner of Margaretha Prinsloo Str. and Probart Str.).- Carnarvon: SARAO Visitors Centre (Corner of Victoria and Hanau Street). <p>All comments received from I&APs and stakeholders during the review of the draft BA Report will be considered and included in the final BA Reports. The final BA report will then be submitted to the Competent Authority, the Department of Forestry, Fisheries and the Environment (DFFE) for decision-making in line with Regulation 19 (1) (a) of the National Environmental Management Act (NEMA) Environmental Impact Assessment (EIA) Regulations (2014, as amended).</p> <p>Should you have any questions, wish to register as an I&AP and / or to provide comments on the proposed project, you are kindly requested to e-mail, fax or post your details and comments to:</p> <p>Attention: Luanita Snyman-Van der Walt. Reference: SKA fibre. Email: ems@csir.co.za (preferred). PO Box 320, Stellenbosch, 7599. Tel: 021 888 2400. Fax: 021 888 2693.</p> <p>I&APs can also complete an online Registration and Comment form here: http://bit.ly/SKAfibre-IAP.</p> <p>Public participation is conducted in accordance with the NEMA and the Protection of Personal Information Act (https://www.csir.co.za/csir-privacy-notice).</p> <p>Thank you in advance for your participation in this project. Should you have any queries or require additional information please do not hesitate to contact the undersigned using the contact details provided above.</p> <p>Kind regards,</p>	<p>Die konsep BA Verslag is aanlyn beskikbaar by: https://www.csir.co.za/environmental-impact-assessment of http://bit.ly/SKAfibre-PPP.</p> <p>Harde kopieë van die BA Verslag opsomming is beskikbaar gedurende die 30-dae kommentaar tydperk by die volgende liggings:</p> <ul style="list-style-type: none">- Beaufort West: Klein Karoo Agri (80 Donkin Str.).- Loxton: Loxton Biblioteek / Munisipale gebou (hoek van Margaretha Prinsloo Str. en Probart Str.)- Carnarvon: SARAO Besoekersentrum (hoek van Victoria and Hanau Str.). <p>Kommentaar ontvang van G&BPs gedurende die hersieningsperiode sal in ag geneem word, en in die finale BA Verslag ingesluit word. Die finale BA Verslag sal dan aan die Bevoegde Owerheid, die Departement van Omgewingsake / "Department of Forestry, Fisheries and the Environment" (DFFE), ingedien word vir besluitneming volgens Regulasie 19 (1) (a) van die "National Environmental Management Act" (NEMA) "Environmental Impact Assessment (EIA) Regulasies (2014, soos gewysig).</p> <p>Indien u enige vrae het, wil registreer as 'n G&BP, en / of will kommentaar op die voorgestelde optiese vesel kabel projek will lewer, kan u gerus 'n epos, fax, of pos stuur aan:</p> <p>Aandag: Luanita Snyman-Van der Walt. Verwysing: SKA fibre. Epos: ems@csir.co.za (verkies). Posbus 320, Stellenbosch, 7599. Tel: 021 888 2400. Faks: 021 888 2693.</p> <p>G&BPs kan ook 'n aanlyn Registrasie en Kommentaar form hier voltooi: http://bit.ly/SKAfibre-IAP.</p> <p>Publieke deelname word uitgevoer per die vereistes van die NEMA en die "Protection of Personal Information Act" (https://www.csir.co.za/csir-privacy-notice).</p> <p>Byvoorbaat dankie vir u deelname in hierdie projek. Indien u enige navrae het of addisionele inligting benodig, kontak gerus die ondergetekende by die bogenoemde besonderhede.</p> <p>Vriendelike groete,</p>
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Luanita Snyman-Van der Walt (Pr.Sci.Nat. 400128/16)
Project Manager and EAP | Projekbestuurder en EAP
CSIR | WNNR Environmental Management Services

Email - Notification 1: I&AP registration and draft Report commenting period

Page 1 of 2

ems - Square Kilometre Array (SKA) fibre optic cable between Beaufort West and Carnarvon - Application for Environmental Authorisation, Water Use Authorisation and associated Public Participation Process

From: ems
Date: 27 Aug 2021 09:37
Subject: Square Kilometre Array (SKA) fibre optic cable between Beaufort West and Carnarvon - Application for Environmental Authorisation, Water Use Authorisation and associated Public Participation Process
Bc: Abe Abrahams; Adre Augustyn; Adri La Meyer; Ajay Makan; Albertus Rou...
Attachments: SKA Fibre_Letter I_project notice & draft BAR_27Jul2021.pdf; SKA fibre_BAR_summary_Aug2021_LR_email.pdf

Dear Interested and Affected Party

NOTIFICATION: APPLICATION FOR ENVIRONMENTAL AUTHORISATION, WATER USE AUTHORISATION AND ASSOCIATED PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED SQUARE KILOMETRE ARRAY (SKA) FIBRE OPTIC CABLE BETWEEN BEAUFORT WEST AND CARNARVON, IN THE NORTHERN CAPE AND WESTERN CAPE PROVINCES (14/12/16/3/3/1/2419)

DRAFT BASIC ASSESSMENT REPORT PUBLISHED FOR REVIEW.

The South African National Research Network (SANReN), the Project Applicant, is proposing to install a high-speed fibre optic internet cable between Beaufort West and Carnarvon. The proposed fibre optic cable is required in order to facilitate a connection between the Square Kilometre Array (SKA) core site in the Northern Cape (NC) and an existing data processing facility in Cape Town in the Western Cape (WC). Fibre optic infrastructure already exists between the SKA core site and Carnarvon, and between Beaufort West and the existing data processing facility in Cape Town.

The proposed route for the new fibre optic cable will follow the N1, R381 and R63 roads for a length of approximately 183 km, from Beaufort West, via Loxton, to Carnarvon. The proposed project spans the WC and NC Provinces, and is located within the Beaufort West Local Municipality (Central Karoo District, WC), and the Ubuntu and Kareeberg Local Municipalities (Pixley ka Seme District, NC). The fibre optic cabling will predominantly be installed underground in the road reserves of the N1, R381 and R63 roads. Where underground installation of the cable is unfeasible (i.e. Molteno, Blounek and Rosedene passes) the cabling will be installed on poles 7.5 – 9 m tall, potentially just outside the road reserve.

Council for Scientific and Industrial Research (CSIR) Environmental Management Services has been appointed as the independent Environmental Assessment Practitioner (EAP) to undertake and manage a Basic Assessment (BA) and Water Use General Authorisation (GA) process for the proposed project on behalf of the Project Applicant. Since CSIR is the parent organisation of SANReN (i.e. the Applicant and the EAP are both associated with the CSIR), an independent peer review EAP (from SLR Consulting SA) has been appointed.

An integrated Public Participation Process (PPP) is being undertaken for the BA and water use GA processes. **Interested and Affected Parties (I&APs) are hereby notified of the release of the draft BA Report (including water use GA aspects) for the proposed project for a 30-day review period from 30 August to 30 September 2021.**

The draft BA Report is available online at: <https://www.csir.co.za/environmental-impact-assessment> or <http://bit.ly/SKAfibre-PPP>. I&APs can also complete an online Registration and Comment form here: <http://bit.ly/SKAfibre-IAP>

Should you have any questions, wish to register as an I&AP and / or to provide comments on the proposed project, you are kindly requested to e-mail, fax or post your details and comments to: Luanita Snyman-Van der Walt. Reference: SKA fibre. Email: ems@csir.co.za (preferred). PO Box 320, Stellenbosch, 7599. Tel: 021 888 2400; Fax: 021 888 2693.

Kindly find attached a cover letter that provides additional detail on the proposed projects, as well as a summary of the draft BA Report (which has been compressed to allow for emailing, this may affect the quality of images).

Copies of all comments received from I&APs and stakeholders during the review of the draft BA Report will be included in the final BA Reports. The final BA report will then be submitted to the Competent Authority, the Department of Forestry, Fisheries and the Environment (DFFE) for decision-making in line with Regulation 19 (1) (a) of the National Environmental Management Act (NEMA) Environmental Impact Assessment (EIA) Regulations (2014, as amended).

Please feel free to share this notice and summary with any other relevant I&APs in your social and professional networks.

Do not hesitate to contact us should you have any queries.

Kind regards,
Luanita Snyman-van der Walt

Afrikaans volg

Geagte Belanghebbende en Geaffekteerde Partye

Die "South African National Research Network" (SANReN), die Aansoeker, beplan om 'n hoë-spoed optiese vesel internet kabel tussen Beaufort West en Carnarvon te installeer. Die optiese vesel kabel word benodig om die konneksie tussen die "Square Kilometre Array" (SKA) radioteleskoop in die Noordkaap en 'n bestaande dataverwerkingsfasiliteit in Kaapstad, in die Weskaap, te voltooi. Optiese vesel infrastruktuur bestaan reeds tussen die SKA

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en Carnarvon, en tussen Beaufort West en Kaapstad.

Die voorgestelde roete vir die nuwe optiese vesel kabel sal die N1, R381 en R63 paaie volg vir 'n afstand van ongeveer 183 km vanaf Beaufort West, via Loxton, tot in Carnarvon. Die projek is dus geleë in die Beaufort West munisipaliteit (Sentrale Karoo Distrik, Weskaap), en die Ubuntu en Kareberg munisipaliteite (Pixley ka Seme Distrik, Noodkaap). Die kabel sal hoosaaklik ondergrond en binne die pad reserwes van die N1, R381 and R63 paaie installeer word. Waar dit onprakties is om die kabel te begrawe (bv. die Molteno, Blounek en Rosedene passe) sal die kabel op pale, tussen 7.5 – 9 m hoog, installeer word, moontlik nêr buite die padreserwe.

Die Wetenskaplike en Nywerheid Navorsingsraad (WNNR / "CSIR") se "Environmental Management Services" is aangestel as die onafhanklike Omgewingsassessering Praktisyn (OAP / "EAP") om 'n Basiese Assessering (BA) end waterverbruik Algemene Magtiging (AM) proses te onderneem. Die WNNR is egter die voog-organisasie van SANReN, en dus is 'n addisionele onafhanklike en eksterne hersiener (van "SLR Consulting SA") aangestel.

'n Geïntegreerde Publieke Deelname Proses (PDP/ "PPP") word onderneem vir die BA en AM prosesse. **Belanghebbende en Geaffekteerde Partye (B&GPs) word hiermee in kennis gestel van die vrystelling van die konsep BA Verslag (insluitend waterverbruik AM aspekte) vir die voorgestelde projek vir 30 dae vanaf 30 Augustus tot 30 September 2021.**

Die konsep BA Verslag is aanlyn beskikbaar by: <https://www.csir.co.za/environmental-impact-assessment> of <http://bit.ly/SKAfibre-PPP>. G&BPs kan ook 'n aanlyn Registrasie en Kommentaar form hier voltooi: <http://bit.ly/SKAfibre-IAP>.

Indien u enige vrae het, wil registreer as 'n G&BP, en / of wil kommentaar op die voorgestelde optiese vesel kabel projek wil lewer, kan u gerus 'n epos, fax, of pos stuur aan: Luanita Snyman-Van der Walt. Verwysing: SKA fibre. Epos: ems@csir.co.za (verkies). Posbus 320, Stellenbosch, 7599. Tel: 021 888 2400. Faks: 021 888 2693.

As aanhangsel tot hierdie epos, vind 'n dekbrief wat meer inligting bevat, sowel as 'n opsomming van die konsep BA Verslag (wat saamgepers is vir epos doeleindes, dit mag die kwaliteit van figure beïnvloed).

Kopieë van kommentaar ontvang van G&BPs gedurende die hersieningsperiode sal in die finale BA Verslag ingesluit word. Die finale BA Verslag sal dan aan die Bevoegde Owerheid, die Departement van Omgewingsake / "Department of Forestry, Fisheries and the Environment" (DFFE), ingedien word vir besluitneming volgens Regulasie 19 (1) (a) van die "National Environmental Management Act" (NEMA) "Environmental Impact Assessment (EIA) Regulasies (2014, soos gewysig).

U is mees as welkom om asseblief hierdie kennisgewing en opsomming te deel met enige ander relevante B&GPs in u sosiale en professionele netwerke.

Kontak ons gerus indien u enige navrae het.

Vriendelike groete,
Luanita Snyman-van der Walt

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Environmental Management Services

www.csir.co.za/environmental-impact-assessment

Tel: +27 021 888 2400

Fax: +27 021 888 2693

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Email delivery report - Notification 1: I&AP registration and draft Report commenting period






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Message Id: 61289636.BD0 : 110 : 28125
Subject: Square Kilometre Array (SKA) fibre optic cable between Beaufort West and Carnarvon - Application for Environmental Authorisation, Water Use Authorisation and associated Public Participation Process
Created By: ems@csir.co.za
Scheduled Date:
Creation Date: 27 Aug 2021 09:37
From: ems

Recipients:

Recipient	Action	Date & Time	Comment
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 ska.ac.za	Transferred	27 Aug 2021 09:37	
BC: Alice Pienaar-Marais([REDACTED])	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
BC: Bruce Wallace([REDACTED])	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
BC: Dr Adrian Tiplady([REDACTED])	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
BC: Jeremy Main([REDACTED])	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
BC: Tacy Cheetham([REDACTED])	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
BC: Tshogofatso Monama([REDACTED])	Undeliverable	27 Aug 2021 09:37	
 skdm.co.za	Transferred	27 Aug 2021 09:37	
BC: Stefanus Jooste([REDACTED])	Undeliverable	27 Aug 2021 09:37	
 slrconsulting.co.za	Transferred	27 Aug 2021 09:37	
BC: Ed Perry([REDACTED])	Undeliverable	27 Aug 2021 09:37	

file:///C:/Users/LVDWALT1/AppData/Local/Temp/XPgrpwise/6128B256STELLBOS... 27 Aug 2021

 telkom.co.za	Transferred	27 Aug 2021 09:37	
BC: Johan Smit (██████████)	Transferred	27 Aug 2021 09:37	2.0.0 message relayed
BC: Keverne Thurling (██████████)	Transferred	27 Aug 2021 09:37	2.0.0 message relayed
 telkomsa.net	Transferred	27 Aug 2021 09:37	
BC: General Pixley ka Seme DM (██████████)	Transferred	27 Aug 2021 09:37	2.0.0 message relayed
 transnet.net	Transferred	27 Aug 2021 09:37	
BC: Devon Govender (██████████)	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
BC: Herman Coetzee (██████████)	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
BC: Transnet (██████████)	Transferred	27 Aug 2021 09:41	2.0.0 message relayed
 ubuntu.gov.za	Transferred	27 Aug 2021 09:37	
BC: Ubuntu Municipality Loxton Northern Cape Priovince (██████████)			
 vandoomsa.co.za	Transferred	27 Aug 2021 09:37	
BC: Koos Voster Sarre Holdings PTY Ltd 1 (██████████)	Delivered	27 Aug 2021 09:38	
 vandoomsa.com	Transferred	27 Aug 2021 09:37	
BC: Koos Voster Sarre Holdings PTY Ltd 2 (██████████)	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
 vodacom.co.za	Transferred	27 Aug 2021 09:37	
BC: Craig Barnes (██████████)	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
BC: Danie Oosthuizen (██████████)	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
BC: Nico Fourie (██████████)	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
 vodamail.co.za	Transferred	27 Aug 2021 09:37	
BC: Jaco Roelofse (██████████)	Delivered	27 Aug 2021 09:38	2.0.0 recipients expanded
 westerncape.gov.za	Transferred	27 Aug 2021 09:37	
BC: Adri La Meyer (██████████)	Delivered	27 Aug 2021 09:42	
BC: Andrew September (██████████)	Undeliverable	27 Aug 2021 09:38	
BC: Colette Scheermeyer (██████████)	Undeliverable	27 Aug 2021 09:38	
BC: Evan Burger (██████████)	Delivered	27 Aug 2021 09:42	
BC: Gavin Benjamin (██████████)	Delivered	27 Aug 2021 09:42	
BC: General HWC (██████████)	Delivered	27 Aug 2021 09:42	
BC: Jacqui Gooch (██████████)	Delivered	27 Aug 2021 09:42	
BC: Malcolm Watters (██████████)	Undeliverable	27 Aug 2021 09:38	

file:///C:/Users/LVDWALT1/AppData/Local/Temp/XPgrpwise/6128B256STELLBOS... 27 Aug 2021

BC: Raudhiyah Dien([REDACTED])	Undeliverable	27 Aug 2021 09:38	
BC: Solly Fourie([REDACTED])	Delivered	27 Aug 2021 09:42	
BC: Tania De Waal([REDACTED])	Delivered	27 Aug 2021 09:42	
BC: Zwelibanzi Shiceka([REDACTED])	Delivered	27 Aug 2021 09:42	
 wwf.org.za	Transferred	27 Aug 2021 09:37	
BC: Dr Mome Du Plessis([REDACTED])	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
 xsinet.co.za	Transferred	27 Aug 2021 09:37	
BC: Kareeberg (Carnarvon) Municipality([REDACTED])	Transferred	27 Aug 2021 09:37	2.0.0 message relayed
 yahoo.com	Transferred	27 Aug 2021 09:37	
BC: Morgan Griffiths([REDACTED])	Transferred	27 Aug 2021 09:38	2.0.0 message relayed
BC: Rocklands Trust([REDACTED])	Transferred	27 Aug 2021 09:38	2.0.0 message relayed

Post Offices

Post Office	Delivered	Route
absamail.co.za		absamail.co.za
agri.ncape.gov.za		agri.ncape.gov.za
agrink.co.za		agrink.co.za
agrisa.co.za		agrisa.co.za
awk.co.za/info@awk.co.za		awk.co.za/info@awk.co.za
batshoek.co.za		batshoek.co.za
beaufortwest.net		beaufortwest.net
beaufortwestmun.co.za		beaufortwestmun.co.za
bgcma.co.za		bgcma.co.za
birdlife.org.za		birdlife.org.za
caa.co.za		caa.co.za
capenature.co.za		capenature.co.za
cellc.co.za		cellc.co.za
ctsheritage.com		ctsheritage.com
daff.gov.za		daff.gov.za
dot.gov.za		dot.gov.za
drdlr.gov.za		drdlr.gov.za
dwa.gov.za		dwa.gov.za
dws.gov.za		dws.gov.za
economic.gov.za		economic.gov.za
ekotrust.co.za		ekotrust.co.za
elsenburg.com		elsenburg.com
elsenburg.com		elsenburg.com
environment.gov.za		environment.gov.za
eskom.co.za		eskom.co.za
ewt.org.za		ewt.org.za
ghouse.org.za		ghouse.org.za
gmail.com		gmail.com
grand.ncape.gov.za		grand.ncape.gov.za

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hotmail.com	hotmail.com
iafrica.com	iafrica.com
icasa.org.za	icasa.org.za
idc.co.za	idc.co.za
isat.co.za	isat.co.za
jakhalsdans.co.za	jakhalsdans.co.za
kareeberg.co.za	kareeberg.co.za
lantic.net	lantic.net
loxton.org.za	loxton.org.za
mct.co.za	mct.co.za
mtn.co.za	mtn.co.za
mweb.co.za	mweb.co.za
nc-eda.co.za	nc-eda.co.za
ncpg.gov.za	ncpg.gov.za
nda.agric.za	nda.agric.za
nocci.co.za	nocci.co.za
nra.co.za	nra.co.za
openmail.co.za	openmail.co.za
openseve.co.za	openseve.co.za
outlook.com	outlook.com
pgwc.gov.za	pgwc.gov.za
red-cap.co.za	red-cap.co.za
rooksein.co.za	rooksein.co.za
ruraldevelopment.gov.za	ruraldevelopment.gov.za
saa0.ac.za	saa0.ac.za
saeon.ac.za	saeon.ac.za
sahra.org	sahra.org
sahra.org.za	sahra.org.za
salga.org.za	salga.org.za
salt.ac.za	salt.ac.za
salt.co.za	salt.co.za
sanparks.org	sanparks.org
sanren.ac.za	sanren.ac.za
sentech.co.za	sentech.co.za
ska.ac.za	ska.ac.za
skdm.co.za	skdm.co.za
slrconsulting.co.za	slrconsulting.co.za
telkom.co.za	telkom.co.za
telkomsa.net	telkomsa.net
transnet.net	transnet.net
ubuntu.gov.za	ubuntu.gov.za
vandoomsa.co.za	vandoomsa.co.za
vandoomsa.com	vandoomsa.com
vodacom.co.za	vodacom.co.za
vodamail.co.za	vodamail.co.za
westerncape.gov.za	westerncape.gov.za
wwf.org.za	wwf.org.za
xsinet.co.za	xsinet.co.za
yahoo.com	yahoo.com

Files

file:///C:/Users/LVDWALT1/AppData/Local/Temp/XPgrwise/6128B256STELLBOS... 27 Aug 2021

File	Size	Date & Time
IMAGE_4.png	20 KB (21455 Bytes)	
MESSAGE	10 KB (10751 Bytes)	27 Aug 2021 09:37
SKA Fibre_Letter 1_project notice & draft BAR_27Jul2021.pdf	212 KB (217418 Bytes)	27 Aug 2021 09:10
SKA fibre_BAR_summary_Aug2021_LR_email.pdf	313 KB (320820 Bytes)	27 Aug 2021 09:12
TEXT.htm	10 KB (10468 Bytes)	27 Aug 2021 09:36

Options

Auto Delete: No
Concealed Subject: No
Expiration Date: None
Notify Recipients: Yes
Priority: Standard
Reply Requested By: None
Security: Standard
To Be Delivered: Immediate

Record Id

Record Id: 6128B256.STELLBOS.POBOX1.100.1746469.1.F0D.1
Common Record Id: 61289636.STELLBOS.POBOX1.200.200006E.1.8F0A5.1

file:///C:/Users/LVDWALT1/AppData/Local/Temp/XPgrpwise/6128B256STELLBOS... 27 Aug 2021

Hand delivery - Notification 1: I&AP registration and draft Report commenting period,
 incl. site notices placements



CSIR
Teaching first through innovation



SANREN
South African National
Research Network



SKA
Africa

DOCUMENT TRANSMITTAL REGISTER

FROM: COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH (CSIR) ENVIRONMENTAL MANAGEMENT SERVICES.
TO: OWNER / TENANT / CONTACT PERSON OF PROPERTIES ADJACENT TO THE SQUARE KILOMETRE ARRAY FIBRE OPTIC CABLE BETWEEN BEAUFORT WEST AND CARNARVON (WHERE NO EMAIL ADDRESS / CELLPHONE NUMBER EXISTS).
DOCUMENT: NOTIFICATION: APPLICATION FOR ENVIRONMENTAL AUTHORIZATION, WATER USE AUTHORIZATION AND ASSOCIATED PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED SQUARE KILOMETRE ARRAY (SKA) FIBRE OPTIC CABLE BETWEEN BEAUFORT WEST AND CARNARVON, IN THE NORTHERN CAPE AND WESTERN CAPE PROVINCES (LETTER).

	Property / Address		Province	Owner / tenant / contact person
1	C08000010000026100000	RE/261 Loxton Town Allotment (Parcel RE/261)	Northern Cape	Johannes Fredericus Van Wyk
	Name & Surname <u>Miem Means</u>			<u>Received by P.O. Box 47 Loxton 6985</u>
	Date <u>2021/05/24</u>			<u>the postmaster</u> <u>m</u> <u>1</u> Signature
2	C08000010000037100000	RE/371 Loxton Town Allotment (Parcel RE/371)	Northern Cape	Johannes Gerhardus Coetzee
	Name & Surname <u>Miem Means</u>			<u>Received by Winkelhaak Plas</u>
	Date <u>2021/08/24</u>			<u>the postmaster</u> <u>m</u> <u>1</u> Signature
3	C00900010000529000000	RE/529 Farm 529	Western Cape	BWEST INV GROUP PTY LTD
	Name & Surname <u>Jomarie Wessels</u>			<u>[Signature]</u> <u>1</u> Signature
	Date <u>24/06/21</u>			

DOCUMENT TRANSMITTAL REGISTER



Property / Address		Province	Owner / tenant / contact person
4	C00900010000136100000 RE/1361 Farm 1361	Western Cape	Magrieta & Thomas Arendse
Name & Surname <u>M+T Arendse</u>		<u>Others not at home. Letter left in letterbox</u>	
Date <u>24 Aug 21</u>		<u>[Signature]</u>	
Signature _____		1	
5	C00900010000021900000 RE/219 Beaufort West Town Allotment (Parcel RE/219)	Western Cape	Pieter Gerhard van Breda
Name & Surname <u>Pieter van Breda</u>		<u>Owner not at home. Mail left in letterbox</u>	
Date <u>24 August 2021</u>		<u>[Signature]</u>	
Signature _____		1	
6	C009000100000220000000 RE/220 Beaufort West Town Allotment (Parcel RE/220)	Western Cape	KB Estates CC
Name & Surname <u>KB Estates CC</u>		<u>No letterbox available for hand delivery. Business closed</u>	
Date <u>24 Aug 2021</u>		<u>[Signature]</u>	
Signature _____		1	
7	C009000100000221000000 RE/221 Beaufort West Town Allotment (Parcel RE/221)	Western Cape	KB Estates CC
Name & Surname <u>KB Estates CC</u>		<u>No letterbox available. Business closed</u>	
Date <u>24 Aug 2021</u>		<u>[Signature]</u>	
Signature _____		1	



DOCUMENT TRANSMITTAL REGISTER

Property / Address		Province	Owner / tenant / contact person
8	C00900010000022200000 RE/222 Beaufort West Town Allotment (Parcel RE/222)	Western Cape	KB Estates CC
Name & Surname	KB Estates CC		
Date	24 August 2021		
		No letter box available Business Closed.	Signature <i>[Signature]</i>
9	C00900010000527900000 RE/5279 Beaufort West Town Allotment (Parcel RE/5279)	Western Cape	HMI De Jager Trust
Name & Surname	H De Jager Trust		
Date	24 August 2021		
		No letter box available Business Closed.	Signature <i>[Signature]</i>
10	C00900010000599100000 RE/5991 Beaufort West Town Allotment (Parcel RE/5991)	Western Cape	Stefaans Kock
Name & Surname	Stefaans Kock		
Date	24 August 21		
		Signature <i>[Signature]</i>	073 056 0937
11	C00900010000599200000 RE/5992 Beaufort West Town Allotment (Parcel RE/5992)	Western Cape	Joseph Wyls
Name & Surname	Joseph Wyls		
Date	24 August 2021		
		Signature <i>[Signature]</i>	

DOCUMENT TRANSMITTAL REGISTER



Property / Address		Province	Owner / tenant / contact person
12	C009000100005993000000 RE/5993 Beaufort West Town Allotment (Parcel RE/5993)	Western Cape	Mary Qaku Owuswaa
Name & Surname <u>Mary Owuswaa</u>			
Date <u>24 Aug 2021</u>		<u>[Signature]</u> Signature	<u>1</u>
13	C009000100005994000000 RE/5994 Beaufort West Town Allotment (Parcel RE/5994)	Western Cape	Barbara Ann Links
Name & Surname <u>Barbara Ann Links</u>			
Date <u>24 Aug 2021</u>		<u>[Signature]</u> Signature	<u>1</u>
14	C009000100005996000000 RE/5996 Beaufort West Town Allotment (Parcel RE/5996)	Western Cape	Hans Jasson
Name & Surname <u>Hans Jasson</u>			
Date <u>24 Aug 21</u>		<u>[Signature]</u> Signature	<u>1</u>
15	C009000100007391000000 RE/7391 Beaufort West Town Allotment (Parcel RE/7391)	Western Cape	Gloria Busakwe-Gxobole
Name & Surname <u>Gloria Busakwe - Gxobole</u>			
Date <u>24 August 2021</u>		<u>[Signature]</u> Signature	<u>1</u>
		<u>No letter box - Sent to P.O. Box</u>	
		<u>[Signature]</u> Signature	

DOCUMENT TRANSMITTAL REGISTER



Property / Address		Province	Owner / tenant / contact person
RE/204	Beaufort West Town Allotment (Parcel RE/204)	Western Cape	Lukas & Martha Louw
16	C00900010000020400000	Western Cape	Lukas & Martha Louw
Name & Surname <u>Zanele Ntshong</u> Public Library Beaufort West.			
Date <u>23/08/2021</u>			
0230148106 32°21'1"S 22°35'1"E Signature <u>[Signature]</u>			
17	C00900010000599500000	Western Cape	David Andrew Badenhorst
Name & Surname <u>Candice Smith</u>			
Date <u>23 Aug 2021</u>			
023 449 1000 32°20'55"S 22°34'57"E Signature <u>[Signature]</u>			
18			
Name & Surname <u>Gerda van Zyl</u> 023 449 1000 32°20'55"S 22°34'57"E			
Date <u>23/08/21</u> Signature <u>[Signature]</u>			
19			
Name & Surname <u>VOGHTAN DAVIDS</u> Loxton Public Library			
Date <u>23/08/21</u> 31°28'39"S 22°21'20"E Signature <u>[Signature]</u>			


	Property / Address	Province	Owner / tenant / contact person
20	Name & Surname <u>Amalire James</u> Date <u>23/08/2021</u> <u>Ubuntu Loxteno turn.</u>	<u>31°28'38"S 22°21'20"E</u>	<u>[Signature]</u> Signature A
21	Name & Surname <u>André Koorsben - KWB Loxben</u> Date <u>23/08/2021</u> <u>[Redacted]@kwbk.co.za</u>	<u>31°28'39"S 22°21'10"E</u>	<u>[Signature]</u> Signature A
22	Name & Surname <u>SHANCA INTSOCI</u> Date <u>24.08.2021</u> <u>Kareeberg Mun. Carnarvon</u> <u>[Redacted]@xsinet.co.za</u>	<u>30°58'11"S 22°07'44"E</u>	<u>[Signature]</u> Signature A
23	Name & Surname <u>INILEEN SACCO</u> Date <u>24.08.2021</u> <u>KAREEBERG MUNISIPALITEIT (ORNB. BILHOEKK)</u> <u>[Redacted]</u>	<u>30°58'11"S 22°07'39"E</u>	<u>[Signature]</u> Signature A

DOCUMENT TRANSMITTAL REGISTER




Property / Address		Province	Owner / tenant / contact person
16	C00900010000020400000 RE/204 Beaufort West Town Allotment (Parcel RE/204)	Western Cape	Lukas & Martha Louw
Name & Surname <u>Lukas + Martha Louw</u>		<i>Not at home, letter left in door.</i>	
Date <u>24 Aug 21</u>		<i>gl</i>	
		Signature _____ 1	
17	C009000100000599500000 RE/5995 Beaufort West Town Allotment (Parcel RE/5995)	Western Cape	David Andrew Badenhorst
Name & Surname <u>David Andrew Badenhorst</u>		<i>DA</i>	
Date <u>24 Aug 21</u>		Signature _____ 1	
		Signature _____	
Name & Surname _____		Signature _____	
Date _____		Signature _____	
18			
Name & Surname _____		Signature _____	
Date _____		Signature _____	
19			
Name & Surname _____		Signature _____	
Date _____		Signature _____	


DOCUMENT TRANSMITTAL REGISTER



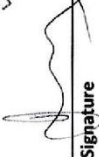
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South African National
Research Network



SKA
SOUTH AFRICA
SKA AFRICA

	Property / Address	Province	Owner / tenant / contact person
20	Name & Surname <u>John Wololomb</u> Date <u>24 Feb 21</u> [Redacted] @SKA.AO.AC.ZA	Province <u>30°58'9"S 22°7'39"E</u>	Owner / tenant / contact person <u>SARAO Carnarvon Office</u> Signature 
21	Name & Surname _____ Date _____		Signature _____
22	Name & Surname _____ Date _____		Signature _____
23	Name & Surname _____ Date _____		Signature _____

SMS - Notification 1: I&AP registration and draft Report commenting period

SMS text:

Dear Stakeholder. Draft Basic Assessment Report for the Square Kilometre Array (SKA) fibre optic cable between Beaufort West and Carnarvon is available. Visit <https://bit.ly/EMSEIA> or <http://bit.ly/SKAfibre-PPP>. Email queries and comments to ems@csir.co.za. From: CSIR EMS https://bit.ly/CSIR_privacy



created_time	status	status_text
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	10	Delivered upstream
2021-08-27 09:42:49.0	10	Delivered upstream
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	50	Failed
2021-08-27 09:42:49.0	50	Failed
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	50	Failed
2021-08-27 09:42:49.0	50	Failed
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:49.0	11	Delivered to phone
2021-08-27 09:42:50.0	50	Failed
2021-08-27 09:42:50.0	50	Failed
2021-08-27 09:42:50.0	10	Delivered upstream
2021-08-27 09:42:50.0	10	Delivered upstream
2021-08-27 09:42:50.0	50	Failed
2021-08-27 09:42:50.0	50	Failed
2021-08-27 09:42:50.0	11	Delivered to phone
2021-08-27 09:42:50.0	11	Delivered to phone
2021-08-27 09:42:50.0	11	Delivered to phone
2021-08-27 09:42:50.0	11	Delivered to phone
2021-08-27 09:42:50.0	11	Delivered to phone
2021-08-27 09:42:50.0	11	Delivered to phone
2021-08-27 09:42:50.0	10	Delivered upstream
2021-08-27 09:42:50.0	10	Delivered upstream
2021-08-27 09:42:50.0	11	Delivered to phone
2021-08-27 09:42:50.0	11	Delivered to phone

Email - Reminder: I&AP registration and draft Report commenting period

Luanita Snyman-Van der Walt

From: EMS
Sent: Friday, 17 September 2021 09:14
Subject: RE: Square Kilometre Array (SKA) fibre optic cable between Beaufort West and Carnarvon - Application for Environmental Authorisation, Water Use Authorisation and associated Public Participation Process
Attachments: SKA fibre_BAR_summary_Aug2021_LR_email.pdf; SKA Fibre_Letter 1_project notice & draft BAR_27Jul2021.pdf

Dear Interested and Affected Party

The notification re: *APPLICATION FOR ENVIRONMENTAL AUTHORISATION, WATER USE AUTHORISATION AND ASSOCIATED PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED SQUARE KILOMETRE ARRAY (SKA) FIBRE OPTIC CABLE BETWEEN BEAUFORT WEST AND CARNARVON, IN THE NORTHERN CAPE AND WESTERN CAPE PROVINCES (14/12/16/3/3/1/2419)*, distributed on 27 August 2021, refers.

You are reminded that the 30-day commenting period closes on 30 September 2021.

Kindly submit all comments / queries before the closing date.

Sincerely,
Luanita Snyman-van der Walt

Afrikaans volg

Geagte Belanghebbende en Geaffekteerde Party

Kennisgewing "APPLICATION FOR ENVIRONMENTAL AUTHORISATION, WATER USE AUTHORISATION AND ASSOCIATED PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED SQUARE KILOMETRE ARRAY (SKA) FIBRE OPTIC CABLE BETWEEN BEAUFORT WEST AND CARNARVON, IN THE NORTHERN CAPE AND WESTERN CAPE PROVINCES (14/12/16/3/3/1/2419)", 27 August 2021, verwys.

U word herinner dat die 30-dae publieke kommentaar periode op 30 September 2021 sluit.

Dien asb enige kommentaar / navrae voor die sluitingsdatum.

Vriendelike groete,
Luanita Snyman-van der Walt

Square Kilometre Array fibre optic cable between Beaufort West and Carnarvon.
 Appendices

	To	From	Subject	Received
	[redacted]@beaufortwestmun.co.za	Mail Delivery System	Expanded: Square Kilometre Ar...	Fri 17 Sep 2021 09:14
	[redacted]@vodmail.co.za	Mail Delivery System	Expanded: Square Kilometre Ar...	Fri 17 Sep 2021 09:14
	[redacted]@ska.ac.za; [redacted]@santen.ac.za; [redacted]@sanparks.org	Mail Delivery System	Relayed: Square Kilometre Ara...	Fri 17 Sep 2021 09:14
	[redacted]@gmail.com; [redacted]@environment.gov.za	Mail Delivery System	Relayed: Square Kilometre Ara...	Fri 17 Sep 2021 09:14
	[redacted]@environment.gov.za; [redacted]@environment.gov.za	Mail Delivery System	Relayed: Square Kilometre Ara...	Thu 16 Sep 2021 13:42

05 Oct 2021 17:03

2

Luanpla Shyman-Van der Walt

Site visits

Site visit 1 (before application for EA was lodged)

Place: Proposed Fibre optic cable route between Beaufort West and Carnarvon, stopping at key watercourse crossings.

Date: 17 November 2020

Place: Karoo National Park

Date: 18 November 2020

Attendees:

Luanita Snyman-van der Walt (EAP, CSIR);
Mlungisi Majola (Project Proponent, SANReN);
Alice Pienaar-Marais (SARAO);
Khutjo Sekwailat (DWS, Lower Orange Water Management);
Maretha Alant (SANParks);
Nico van der Walt (Karoo National Park Manager, SANParks).

Site visit 2

Place: Karoo National Park

Date: 04 November 2021

Attendees:

Luanita Snyman-van der Walt (EAP, CSIR),
Maretha Alant (SANParks),
Roland Januaire (Karoo National Park Manager, SANParks),
Riaan Nel (SANParks),
Thivulawi Nethononda (DFFE, Protected Areas Planning & Management Effectiveness Directorate),
Rofhiwa Magodi (DFFE, Protected Areas Planning & Management Effectiveness Directorate).





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Agenda

Item	Description	Time	Presenter
1	Welcome and introductions.	11:00 – 11:15	CSIR, SANParks, All
2	Presentation: <ul style="list-style-type: none"> • Project description; • Need for EA; • Key outcomes of the impact assessment; • Need for NEM:PAA S50(5) approval; • Key project & environmental management aspects relating to the karoo national park; • Conclusion & next steps. 	11:15 – 11:45	CSIR
3	Questions and discussion.	11:45 – 12:00	All
4	Drive Molteno Pass section of the Karoo National Park, stopping at key sections.	12:00 – 13:00	All

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Project description

- **Connectivity is required between the SKA core site in the Northern Cape and a data processing facility in Cape Town** to transport the science data for the SKA project and its precursor, MeerKAT.
- To complete this connection, **fibre optic cable installation is required between Beaufort West and Carnarvon.**
- Part of the **global SKA mega-science project** and Strategic Integrated Project (**SIP 16 SKA & MeerKAT**).
- Routing based on **shortest route** following existing roads between Beaufort West and Carnarvon:
 - Higher **data transfer speeds** + Lower **latency**;
 - Smaller **cumulative construction footprint**;
 - Lower **financial costs**.

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Construction period: ~ 12 months
800 m of cabling installed per day

Underground cabling (~162 km):

- 1) Trenching (0.3 m wide, 1 m deep) or Horizontal Directional Drilling under sensitive environments
- 2) Cable installation
- 3) Trench backfilling and compacting
 - Length of open dug trench at any time: 4 km.
 - Period trench may remain open until cabling laid and trench backfilled: 6 – 9 days.

3 x 6 m signal regeneration container in 10 x 12 m fenced area

Cabling attached to bridge

Overhead cabling (~21 km):

- 1) Digging holes (1.5 m deep)
- 2) Installing poles
- 3) Cable stringing
 - Pole spacing: 20 – 80 m.
 - Timber poles (7.5 m installed height)
 - Concrete poles (9 m installed height)

- Difficult terrain, road-reserve often extremely steep / narrow / non-existent.
- Cabling proposed in Karoo National Park within existing Eskom / telecommunications servitude.

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Need for Environmental Authorisation		
Listed Activity		Relevant project aspect
Listing Notice 1 (GN R327), Activity 19	The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse	The proposed approach is to avoid sensitive areas, particularly watercourses, via HDD 2 m bel. the riverbed starting 32 m from the riverbanks. In some areas, dry watercourses may be trenched and backfilled, in accordance with measures identified and included in the Environmental Management Programme (EMPr).
Listing Notice 3 (GN R324), Activity 12	The clearance of an area of 300 square metres or more of indigenous vegetation: (a) Northern Cape, (b) within critical biodiversity areas identified in bioregional plans. (c) Western Cape, (d) within critical biodiversity areas identified in bioregional plans. (e) On land, where, at the time of the coming into effect of this Notice or thereafter such land was zoned open space, conservation or had an equivalent zoning. (f) On land designated for protection or conservation purposes in an Environmental Management Framework adopted in the prescribed manner, or a Spatial Development Framework adopted by the MEC or Minister.	CBAs: Although the development is predominantly proposed within the road reserves of the R381 and R63, the total cumulative approximate construction footprint of the proposed fibre optic cable, within Critical Biodiversity Areas (CBAs) in the Northern Cape (37 803 m ²) and Western Cape (19 814 m ²) Provinces, exceeds the 300 m ² clearance threshold. Land zoned as conservation or designated for conservation purposes: The Beaufort West SDF (2013, adopted 2017 for 2017-22) (BMLM, 2013, 2018) recognises the Karoo National Park, as well as the Sakriver, Brakriver, Kromriver and Wagenaarskraal conservancies between Beaufort West and Loxton (in the Northern Cape and Western Cape provinces). Within the Karoo National Park, the proposed fibre optic cable will be installed overhead on timber and concrete poles for a total distance of approximately 4.7 km. The 'clearance' of vegetation for the holes within which the poles are planted, will be approximately 80 m ² , cumulatively. Within the Sakriver, Brakriver, Kromriver and Wagenaarskraal conservancies the fibre optic cable will be installed in the road reserve of the R381 road for a distance of approximately 62 km, which would result in cumulative clearance of vegetation in the road reserve of 18 600 m ² .

- Basic Assessment (BA) process; Competent Authority: National Department of Fisheries, Forestry and the Environment.

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Impact Assessment				Operations and maintenance phase		Impact significance		Cumulative impacts		Impact significance	
Construction phase		Impact significance		Theme	Impact	Pre-mit.	Post-mit.	Theme	Impact	Pre-mit.	Post-mit.
Terrestrial ecology, biodiversity and species	Clearance of natural vegetation and resultant loss of faunal habitat Loss of threatened, protected and endemic plants / animals Faunal mortalities due to construction, trench digging and increased traffic Increased dust generation and deposition Increased human activity and noise levels Establishment and spread of alien invasive vegetation Increased erosion and water runoff	L	L	Terrestrial ecology, biodiversity and species	Faunal mortalities.	L	VL	Terrestrial ecology, biodiversity and species	Vegetation loss and habitat destruction due to main developments in the Gamka Karoo (e.g. renewable energy, minerals and hydrocarbons exploration and exploitation and urban expansion) Loss of SOC's due to all developments in the Gamka Karoo Compromised integrity of CBAs, Ecological Support Areas (ESAs) and National Protected Areas Expansion Strategy (NPAES) focus areas Increased erosion and water runoff Vegetation loss and habitat disturbance to watercourse flow regimes and aquatic habitats. Disturbance to or destruction of heritage resources. Cumulative visual impacts during the construction phase. Cumulative visual impacts during the operations and maintenance phase.	L	VL
				Aquatic ecology, biodiversity and species	Establishment and spread of alien invasive vegetation.	L	VL				
				Visual, aesthetic and scenic resources	Creation of hard surfaces, resulting in runoff, erosion and sedimentation. Visual intrusion of overhead cables in the landscape, and visual clutter of poles where cable is routed close to the road.	L	VL				
				Visual, aesthetic and scenic resources	Visual intrusion of overhead cables in the landscape, and visual clutter of poles where cable is routed close to the road.	M	M				
Aquatic ecology, biodiversity and species	Clearance of vegetation within wetland crossings Clearance of vegetation within riverine (with riparian and or alluvial systems) crossings. Loss of aquatic SOC's Compromised localised surface water quality through spills and leaks from construction vehicles and equipment. Erosion and sedimentation.	L	VL	Decommissioning phase		Impact significance		Aquatic ecology, biodiversity and species	Disturbance to watercourse flow regimes and aquatic habitats. Disturbance to or destruction of heritage resources. Cumulative visual impacts during the construction phase. Cumulative visual impacts during the decommissioning phase.	L	VL
				Theme	Impact	Pre-mit.	Post-mit.				
				Terrestrial ecology, biodiversity and species	Clearance of natural vegetation. Faunal mortalities. Establishment and spread of alien invasive vegetation.	L	VL				
				Aquatic ecology, biodiversity and species	Clearance of vegetation within wetland crossings. Clearance of vegetation within riverine (with riparian and or alluvial systems) crossings. Loss of SOC's. Compromised localised surface water quality through spills and leaks. Erosion and sedimentation of watercourses.	L	VL				
Heritage, archaeology & palaeontology	Damage to or destruction of significant heritage resources.	VL	VL	Visual, aesthetic and scenic resources	Visual impact of abandoned poles and overhead cables.	M	VL	Visual, aesthetic and scenic resources	Visual impact of abandoned poles and overhead cables.	M	VL

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Need for NEM:PAA Section 50 (5) approval

National Environmental Management: Protected Areas Act 57 of 2003

50. Commercial and community activities in national park, nature reserve and world heritage site

(5) No development, construction or farming may be permitted in a national park, nature reserve or world heritage site without the prior written approval of the management authority.

Regulations for the proper administration of special nature reserves, national parks and world heritage sites

19. Development

(1) No development contemplated in section 50(5) of the Act shall be implemented—

- (a) in any area other than an area specifically designated for such development in a management plan; and
 - (b) before a management authority has indicated in writing the nature and extent of the strategic or environmental impact assessment required for the development.
- (2) No commercial activity or activity contemplated in section 50 of the Act, which requires an environmental impact assessment to be undertaken, either in terms of subregulation (1)(b) or under any other law, may be implemented before a management authority has approved, with or without conditions, the environmental impact assessment before it is submitted to the relevant authority for approval.

Draft BA report and Environmental Management Programme (EMPr), incl. additional info on cabling proposed in Karoo National Park, submitted to SANParks for consideration before submission of EA application and publication of the draft BA. Approval provided and signed off by SANParks Managing Executive - Parks Division (02 Aug 2021).

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Key project & environmental management aspects relating to the Karoo National Park

- Installation method:
 - Overhead cabling on timber poles, 7.5 m height, for ~ 15 km.
 - Due to the terrain, materials will be brought to the closest point with vehicles on existing roads leading to / within the park.
 - Materials will be carried to installation points and installed with hand-held drills.
- Specific EMPr actions:
 - Appoint suitably qualified wildlife management security / field rangers to protect staff from animals (specifically lions) whilst working in the Karoo National Park.
 - Establish construction phase access options and schedule with Karoo National Park Management.

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Conclusion and next steps

- Very low to moderate impact (with mitigation); no unacceptable negative environmental impacts are expected.
- Strategic and global importance of the proposed Fibre Optic Project (SIP16).
- Cabling proposed in existing Eskom / Telecommunication servitude on the eastern side of the Karoo National Park.
- Cabling will not be visible from the Karoo National Park rest camp, and is therefore not expected to deter visitors and result in economic decline of the hospitality function of the Park.
- Recommended that the project can receive EA in terms of the EIA Regulations promulgated under the NEMA.
- Final BA report is due mid-November 2021.

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Thank you

EAP - CSIR EMS contact person:
Luanita Snyman-van der Walt
(Lvdwalt1@csir.co.za)

Applicant - CSIR SANReN contact person:
Mlungisi Majola
(Mlungisi@sanren.ac.za)

Peer review EAP – SLR Consulting SA contact person:
Edward Perry
(Eperry@slrconsulting.com)

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Luanita Snyman-Van der Walt

From: Luanita Snyman-Van der Walt
Sent: Friday, 05 November 2021 11:58
To: maretha.alant; Roland Januarie; Thivhulawi Nethononda; Rofhiwa Magodi
Cc: Mlungisi Majola
Subject: SKA fibre site visit - pls submit comments by 09 Nov.

Tracking:	Recipient	Delivery
	maretha.alant	
	Roland Januarie	
	Thivhulawi Nethononda	
	Rofhiwa Magodi	
	Mlungisi Majola	Delivered: 05 Nov 2021 11:58

Good afternoon Colleagues,

Thank you very much for a productive site visit and useful discussions yesterday.

I hope that those who had to travel, have arrived at their destinations safely.

As mentioned, **please endeavour to supply me with your comments on the BA and EMPr by COB on Tuesday 09 November**. I acknowledge that this is a tight timeframe, but appreciate your understanding given the legislated timeframes in which to submit the final BA report.

Please allow me to summarise some key points from yesterday's meeting below:

- Appie van Heerden Nature Reserve (NR) (by Carnarvon): This NR is adjacent to the R63 road and the town of Carnarvon. For the Public Participation Process (PPP) an adjacent landowner database was collated, included in the Interested and Affected Parties (I&AP) database and notified of the BA process and opportunity to comment as per the NEMA EIA Regulations on PPP. No comments were received from the Appie v Heerder NR specifically. Additionally, the cabling here is installed underground in the road reserve and will not be noticeable after being buried. It will thus have no material impact on the economic or conservation functions of this NR.
- During construction, it is the developer's responsibility to communicate and arrange with adjacent landowners agreed times during which their access roads may be impacted for cable installation.
- Cape Nature, Western Cape Department of Environmental Affairs and Development Planning (DEA&DP), and Northern Cape Department of Environment and Nature Conservation (DENC) were included in the PPP. Comments were received from CapeNature and DEA&DP. No comments from DENC – this will be noted in the BA report.
- The impact of noise on animals and humans during construction is considered in the BA. Noise impacts are unavoidable albeit temporary. The mitigation measures included in the EMPr in this regard is that all machinery and vehicles must be in good working order, maintained and serviced to avoid unnecessary elevated noise levels, and that work on site is only allowed during the day time.
- The impact of the overhead cabling on avifauna is considered in the BA. The cabling poses no risk of electrocution, and very low risk of collision mortality. The EMPr includes measures to monitor for collisions, if collisions are evident (unlikely), bird flight diverters or similar must be implemented.
- The area where the cabling is proposed in the Park is classified as "remote areas". The Park Management Plan doesn't include spatial zoning for the existing Eskom and Telkom servitudes or other infrastructure nodes currently in the park.

- Workforce across provinces: the EMPr specifies that local labour must be used as far as possible.
 - Appointment of suitably qualified wildlife security to protect workers in the Park. It will be included in the EMPr that the appointed security be inducted by Park rangers, and that the developer must heed instruction from the Park to halt work if lion movement monitoring indicates lions are likely in the work areas.
 - Construction using helicopters: it will be included in the EMPr that if helicopters are required for construction proper authorisation must be obtained from the Civil Aviation Authority, and that Park management must be informed and consulted.
 - It will be explicitly added to the EMPr that driving of vehicles are only allowed on existing roads, no driving in the veld.
-

Kind regards
Luanita



Luanita Snyman-van der Walt
| BSc (Hons) | MSc (Env Sc) | PgD GISc
| Environmental Management Services
| Scientist and Assessment Practitioner
Tel: +27 (0) 21 888 2490
Cell: +27 (0) 72 182 9718
Email: Lvdw@csir.co.za
www.csir.co.za