

ACTIVE PSAs/LICENSES (EXPLORATION & DEVELOPMENT)

01. RUKWA SOUTH BLOCK

Name of License Holder: **Heritage Oil and Gas (T) Ltd**

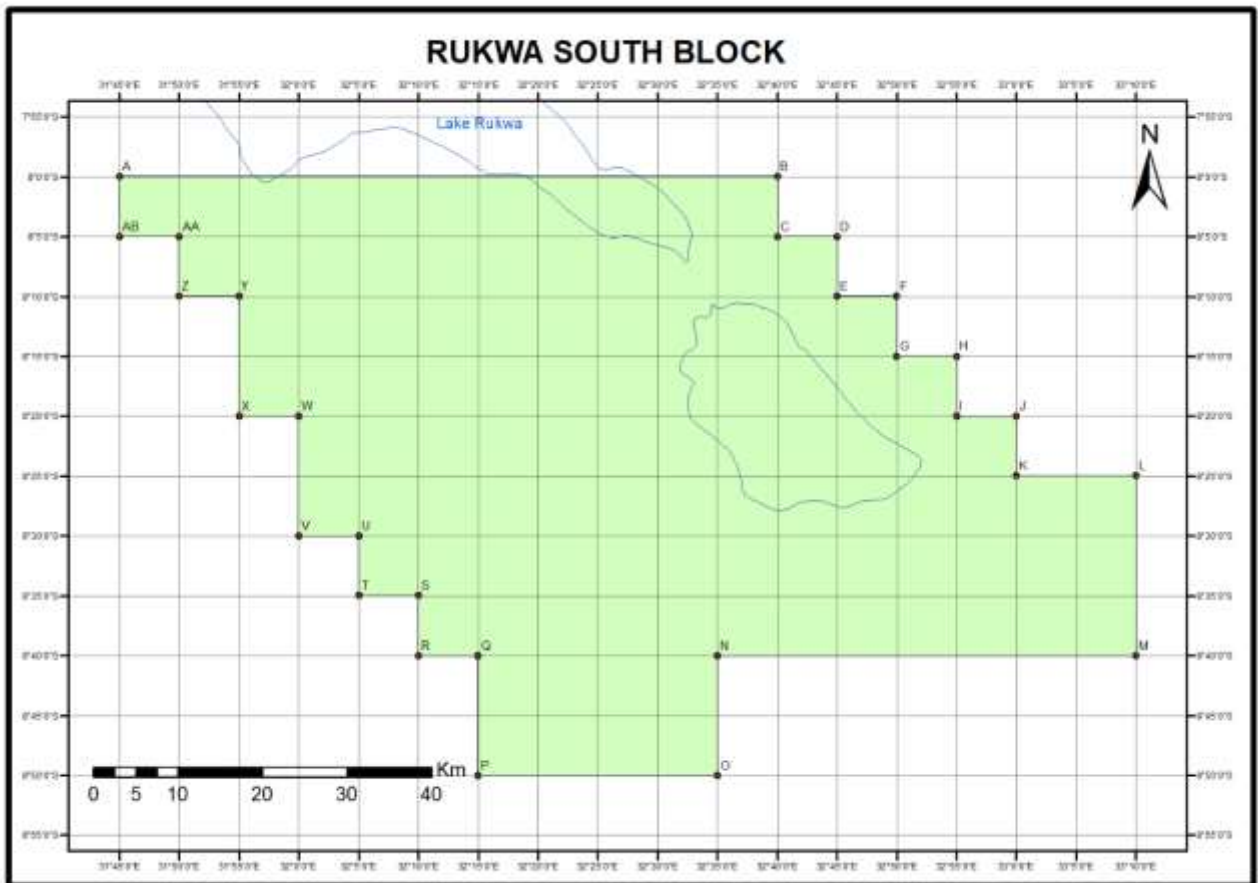
Type of License: **Exploration License**

Commodity Explored Produced: **Gas and Oil**

Date of Award: **24th January 2012**

Duration of the License: **11 years**

Map for Rukwa South Block:



Coordinate List for Rukwa Block:

Point	LONGITUDE	LATITUDE	Description
A	31 ⁰ 45' 0" E	8 ⁰ 0' 0" S	Due East to B
B	32 ⁰ 40' 0" E	8 ⁰ 0' 0" S	Due South to C
C	32 ⁰ 40' 0" E	8 ⁰ 5' 0" S	Due East to D
D	32 ⁰ 45' 0" E	8 ⁰ 5' 0" S	Due South to E
E	32 ⁰ 45' 0" E	8 ⁰ 10' 0" S	Due East to F
F	32 ⁰ 50' 0" E	8 ⁰ 10' 0" S	Due South to G
G	32 ⁰ 50' 0" E	8 ⁰ 15' 0" S	Due East to H
H	32 ⁰ 55' 0" E	8 ⁰ 15' 0" S	Due South to I
I	32 ⁰ 55' 0" E	8 ⁰ 20' 0" S	Due East to J
J	33 ⁰ 0' 0" E	8 ⁰ 20' 0" S	Due South to K
K	33 ⁰ 0' 0" E	8 ⁰ 25' 0" S	Due East to L
L	33 ⁰ 10' 0" E	8 ⁰ 25' 0" S	Due South to M
M	33 ⁰ 10' 0" E	8 ⁰ 40' 0" S	Due West to N
N	32 ⁰ 35' 0" E	8 ⁰ 40' 0" S	Due South to O
O	32 ⁰ 35' 0" E	8 ⁰ 50' 0" S	Due West to P
P	32 ⁰ 15' 0" E	8 ⁰ 50' 0" S	Due North to Q
Q	32 ⁰ 15' 0" E	8 ⁰ 40' 0" S	Due West to R
R	32 ⁰ 10' 0" E	8 ⁰ 40' 0" S	Due North to S
S	32 ⁰ 10' 0" E	8 ⁰ 35' 0" S	Due West to T
T	32 ⁰ 5' 0" E	8 ⁰ 35' 0" S	Due North to U
U	32 ⁰ 5' 0" E	8 ⁰ 30' 0" S	Due West to V
V	32 ⁰ 0' 0" E	8 ⁰ 30' 0" S	Due North to W
W	32 ⁰ 0' 0" E	8 ⁰ 20' 0" S	Due West to X
X	31 ⁰ 55' 0" E	8 ⁰ 20' 0" S	Due North to Y
Y	31 ⁰ 55' 0" E	8 ⁰ 10' 0" S	Due West to Z
Z	31 ⁰ 50' 0" E	8 ⁰ 10' 0" S	Due North to AA
AA	31 ⁰ 50' 0" E	8 ⁰ 5' 0" S	Due West to AB
AB	31 ⁰ 45' 0" E	8 ⁰ 5' 0" S	Due North to A

02. RUVUMA (LINDI & MTWARA)

Name of License Holder: **Ndovu Resources**

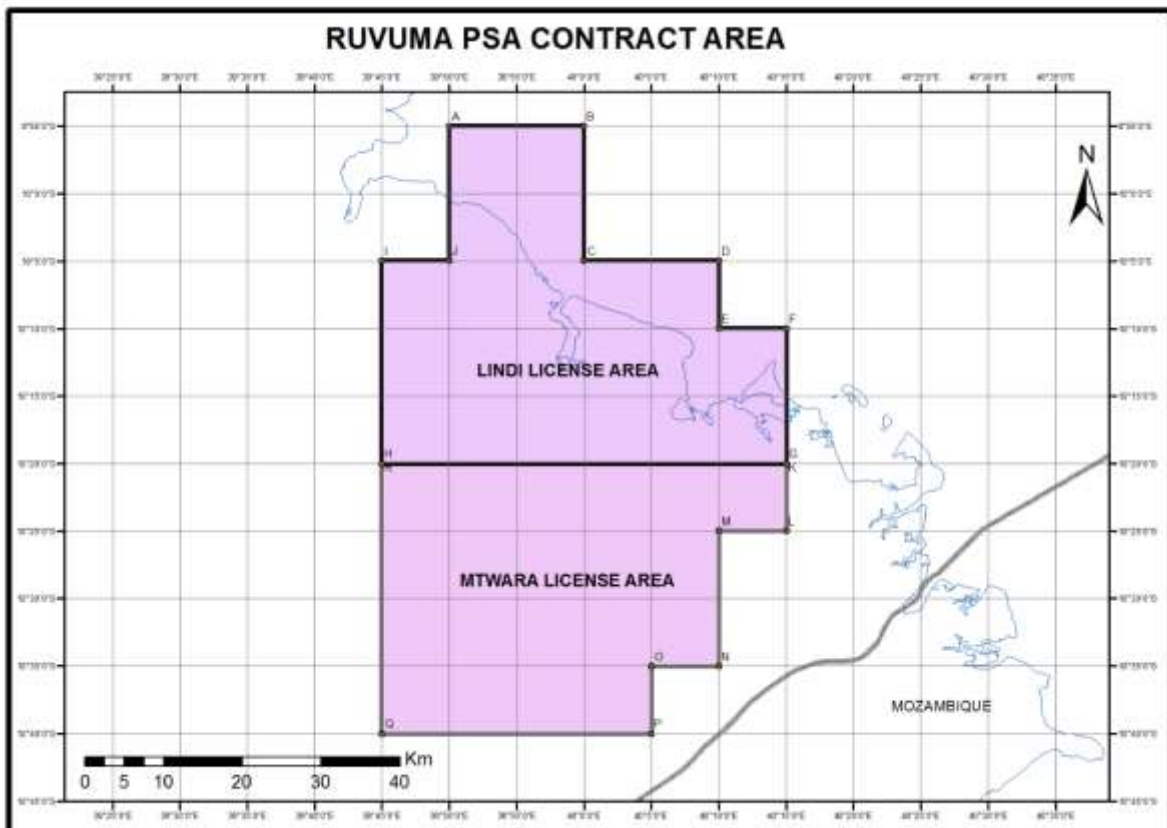
Block Name: Type of License: **Exploration License**

Commodity Explored Produced: **Gas**

Date of Award: **29th October 2005**

Duration of the License: **11 Years**

Map for Ruvuma PSA:



Lindi lisencing area Coordinates:

Point	LONGITUDE	LATITUDE	Description
A	39° 50' 0" E	9° 55' 0" S	Due East to B
B	40° 0' 0" E	9° 55' 0" S	Due South to C
C	40° 0' 0" E	10° 5' 0" S	Due East to D
D	40° 10' 0" E	10° 5' 0" S	Due South to E
E	40° 10' 0" E	10° 10' 0" S	Due East to F
F	40° 15' 0" E	10° 10' 0" S	Due South to G
G	40° 15' 0" E	10° 20' 0" S	Due West to H
H	39° 45' 0" E	10° 20' 0" S	Due North to I
I	39° 45' 0" E	10° 5' 0" S	Due East to J
J	39° 50' 0" E	10° 5' 0" S	Due North to A

Mtwara Lisencing area Coordinates:

Point	LONGITUDE	LATITUDE	Description
K	40° 15' 0" E	10° 20' 0" S	Due South to L
L	40° 15' 0" E	10° 25' 0" S	Due West to M
M	40° 10' 0" E	10° 25' 0" S	Due South to N
N	40° 10' 0" E	10° 35' 0" S	Due West to O
O	40° 5' 0" E	10° 35' 0" S	Due South to P
P	40° 5' 0" E	10° 40' 0" S	Due West to Q
Q	39° 45' 0" E	10° 40' 0" S	Due North to R
R	39° 45' 0" E	10° 20' 0" S	Due East to K

03. RUVU BLOCK

Name of License Holder: **Dosdal Hydrocarbon and Power (T)**

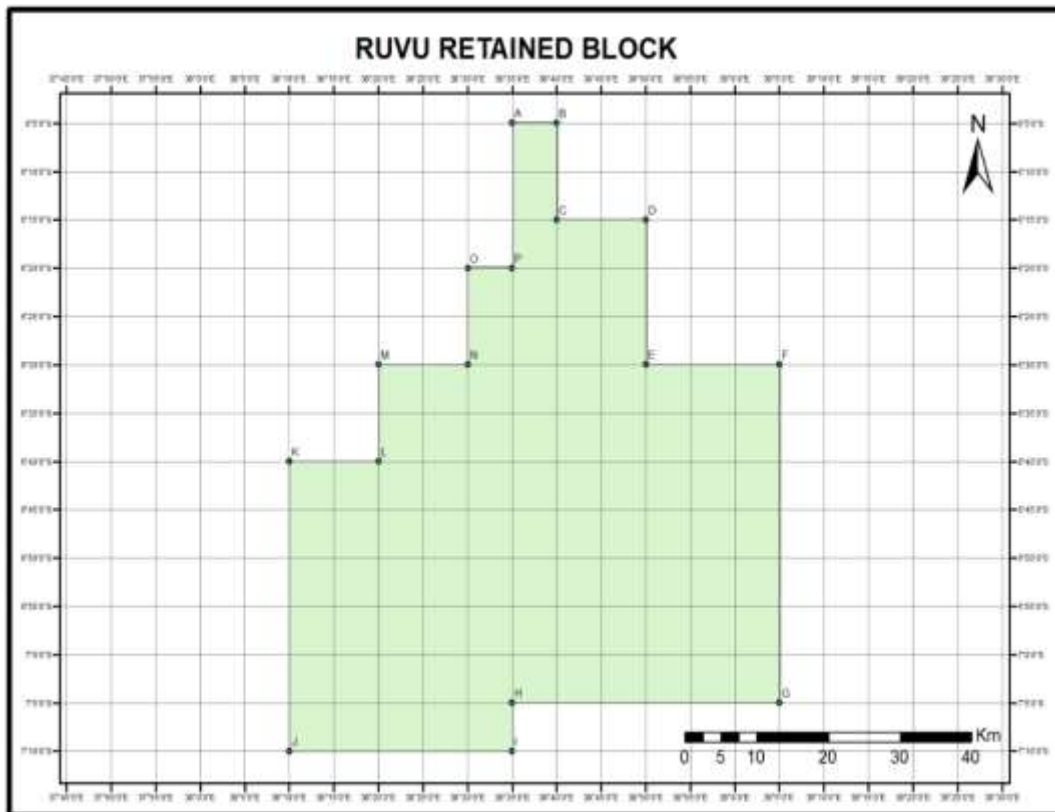
Type of License: **Exploration License**

Commodity Explored Produced: **Gas**

Date of Award: **30th November 2007**

Duration of the License: **11 years**

Map for Ruvu Retained Area:



Coordinates for Ruvu License Area:

Point	LONGITUDE	LATITUDE	Description
A	38°35' 0" E	6°05' 0" S	Due East to B
B	38°40' 0" E	6°05' 0" S	Due South to C
C	38°40' 0" E	6°15' 0" S	Due East to D
D	38°50' 0" E	6°15' 0" S	Due South to E
E	38°50' 0" E	6°30' 0" S	Due East to F
F	39°05' 0" E	6°30' 0" S	Due South to G
G	39°05' 0" E	7°05' 0" S	Due West to H
H	38°35' 0" E	7°05' 0" S	Due South to I
I	38°35' 0" E	7°10' 0" S	Due West to J
J	38°10' 0" E	7°10' 0" S	Due North to K
K	38°10' 0" E	6°40' 0" S	Due East to L
L	38°20' 0" E	6°40' 0" S	Due North to M
M	38°20' 0" E	6°30' 0" S	Due East to N
N	38°30' 0" E	6°30' 0" S	Due North to O
O	38°30' 0" E	6°20' 0" S	Due East to P
P	38°35' 0" E	6°20' 0" S	Due North to A

04. NYUNI AREA EXPLORATION BLOCK

Name of License Holder: **Ndovu Resources (T) Ltd**

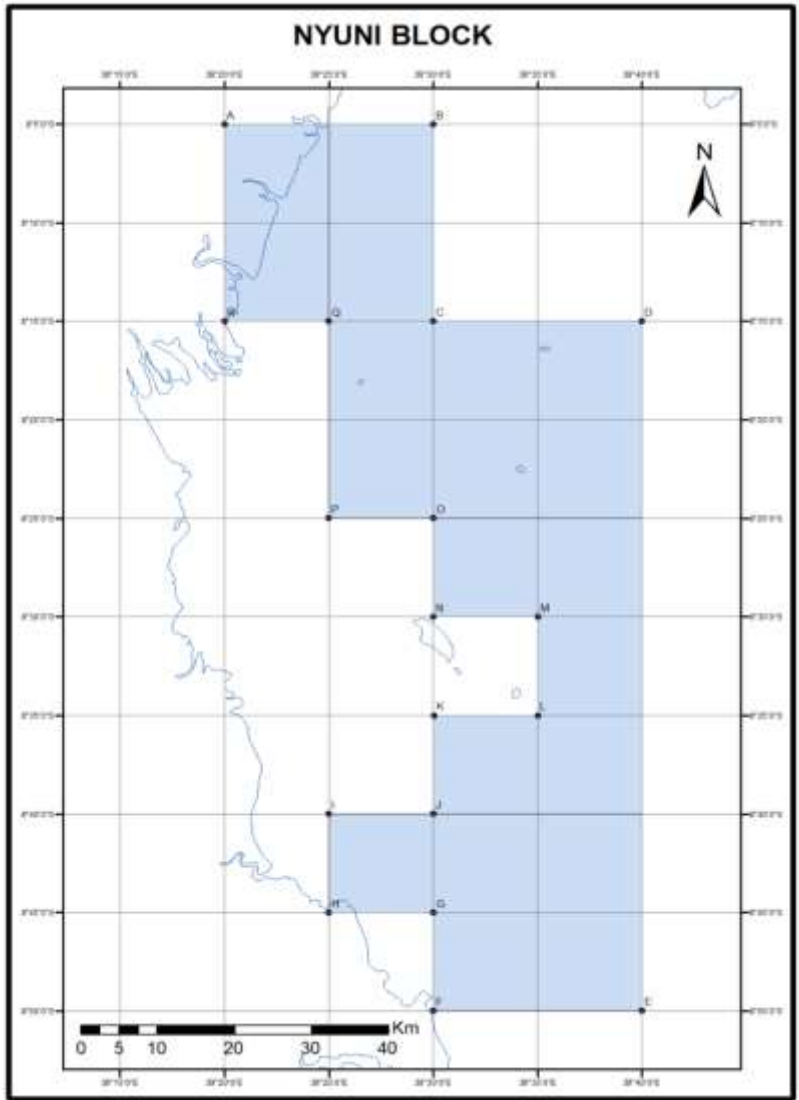
Type of License: **Exploration License**

Commodity Explored Produced: **Gas**

Date of Award: **27th October, 2011**

Duration of the License: **11 years**

Map for Nyuni Exploration Block:



Coordinates for Nyuni Exploration Block:

Point	LONGITUDE	LATITUDE	Description
A	39° 20' 00" E	8° 05' 00" S	Due East to B
B	39° 30' 00" E	8° 05' 00" S	Due South to C
C	39° 30' 00" E	8° 15' 00" S	Due East to D
D	39° 40' 00" E	8° 15' 00" S	Due South to E
E	39° 40' 00" E	8° 50' 00" S	Due West to F
F	39° 30' 00" E	8° 50' 00" S	Due North to G
G	39° 30' 00" E	8° 45' 00" S	Due West to H

H	39° 25' 00" E	8° 45' 00" S	Due North to I
I	39° 25' 00" E	8° 40' 00" S	Due East to J
J	39° 30' 00" E	8° 40' 00" S	Due North to K
K	39° 30' 00" E	8° 35' 00" S	Due East to L
L	39° 35' 00" E	8° 35' 00" S	Due North to M
M	39° 35' 00" E	8° 30' 00" S	Due West to N
N	39° 30' 00" E	8° 30' 00" S	Due North to O
O	39° 30' 00" E	8° 25' 00" S	Due West to P
P	39° 25' 00" E	8° 25' 00" S	Due North to Q
Q	39° 25' 00" E	8° 15' 00" S	Due West to R
R	39° 20' 00" E	8° 15' 00" S	Due North to A

05. KILOSA – KILOMBERO EXPLORATION BLOCK

Name of License Holder: **Swala Oil and Gas (T) PLC**

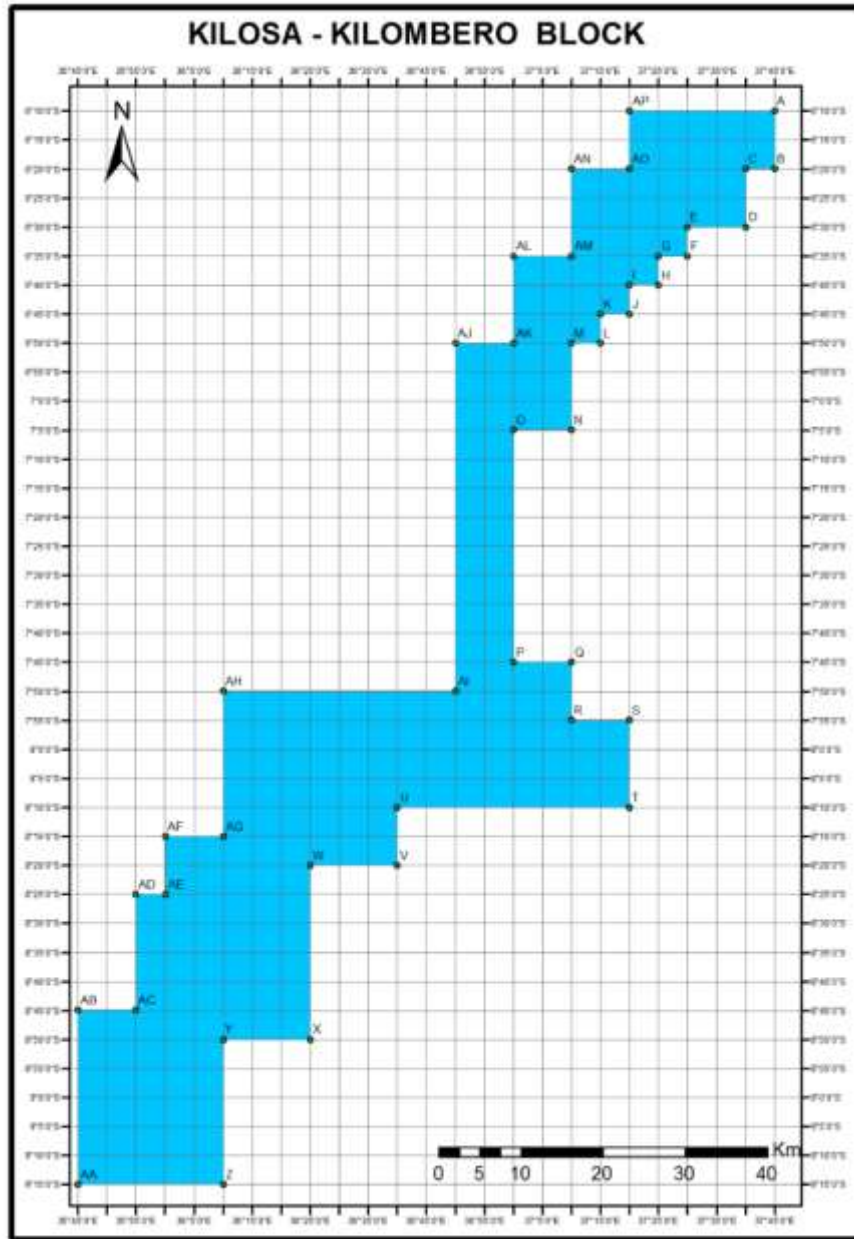
Type of License: **Exploration License**

Commodity Explored Produced: **Gas**

Date of Award: **20th February 2012**

Duration of the License: **11 years**

Map for Kilosa – Kilombero Block:



Coordinate List For Kilosa – Kilombero Area:

Point	LONGITUDE	LATITUDE	Description
A	37°45' 0" E	6°10' 0" S	Due South to B
B	37°45' 0" E	6°20' 0" S	Due West to C
C	37°40' 0" E	6°20' 0" S	Due South to D
D	37°40' 0" E	6°30' 0" S	Due West to E

E	37°30' 0" E	6°30' 0" S	Due South to F
F	37°30' 0" E	6°35' 0" S	Due West to G
G	37°25' 0" E	6°35' 0" S	Due South to H
H	37°25' 0" E	6°40' 0" S	Due West to I
I	37°20' 0" E	6°40' 0" S	Due South to J
J	37°20' 0" E	6°45' 0" S	Due West to K
K	37°15' 0" E	6°45' 0" S	Due South to L
L	37°15' 0" E	6°50' 0" S	Due West to M
M	37°10' 0" E	6°50' 0" S	Due South to N
N	37°10' 0" E	7°5' 0" S	Due West to O
O	37°0' 0" E	7°5' 0" S	Due South to P
P	37°0' 0" E	7°45' 0" S	Due East to Q
Q	37°10' 0" E	7°45' 0" S	Due South to R
R	37°10' 0" E	7°55' 0" S	Due East to S
S	37°20' 0" E	7°55' 0" S	Due South to T
T	37°20' 0" E	8°10' 0" S	Due West to U
U	36°40' 0" E	8°10' 0" S	Due South to V
V	36°40' 0" E	8°20' 0" S	Due West to W
W	36°25' 0" E	8°20' 0" S	Due South to X
X	36°25' 0" E	8°50' 0" S	Due West to Y
Y	36°10' 0" E	8°50' 0" S	Due South to Z
Z	36°10' 0" E	9°15' 0" S	Due West to AA
AA	35°45' 0" E	9°15' 0" S	Due North to AB
AB	35°45' 0" E	8°45' 0" S	Due East to AC
AC	35°55' 0" E	8°45' 0" S	Due North to AD
AD	35°55' 0" E	8°25' 0" S	Due East to AE
AE	36°0' 0" E	8°25' 0" S	Due North to AF
AF	36°0' 0" E	8°15' 0" S	Due East to AG
AG	36°10' 0" E	8°15' 0" S	Due North to AH
AH	36°10' 0" E	7°50' 0" S	Due East to AI
AI	36°50' 0" E	7°50' 0" S	Due North to AJ
AJ	36°50' 0" E	6°50' 0" S	Due East to AK
AK	37°0' 0" E	6°50' 0" S	Due North to AL
AL	37°0' 0" E	6°35' 0" S	Due East to AM
AM	37°10' 0" E	6°35' 0" S	Due North to AN
AN	37°10' 0" E	6°20' 0" S	Due East to AO
AO	37°20' 0" E	6°20' 0" S	Due North to AP
AP	37°20' 0" E	6°10' 0" S	Due East to A

06. BLOCK 2 EXPLORATION LICENSE

Name of License Holder: **Statoil ASA**

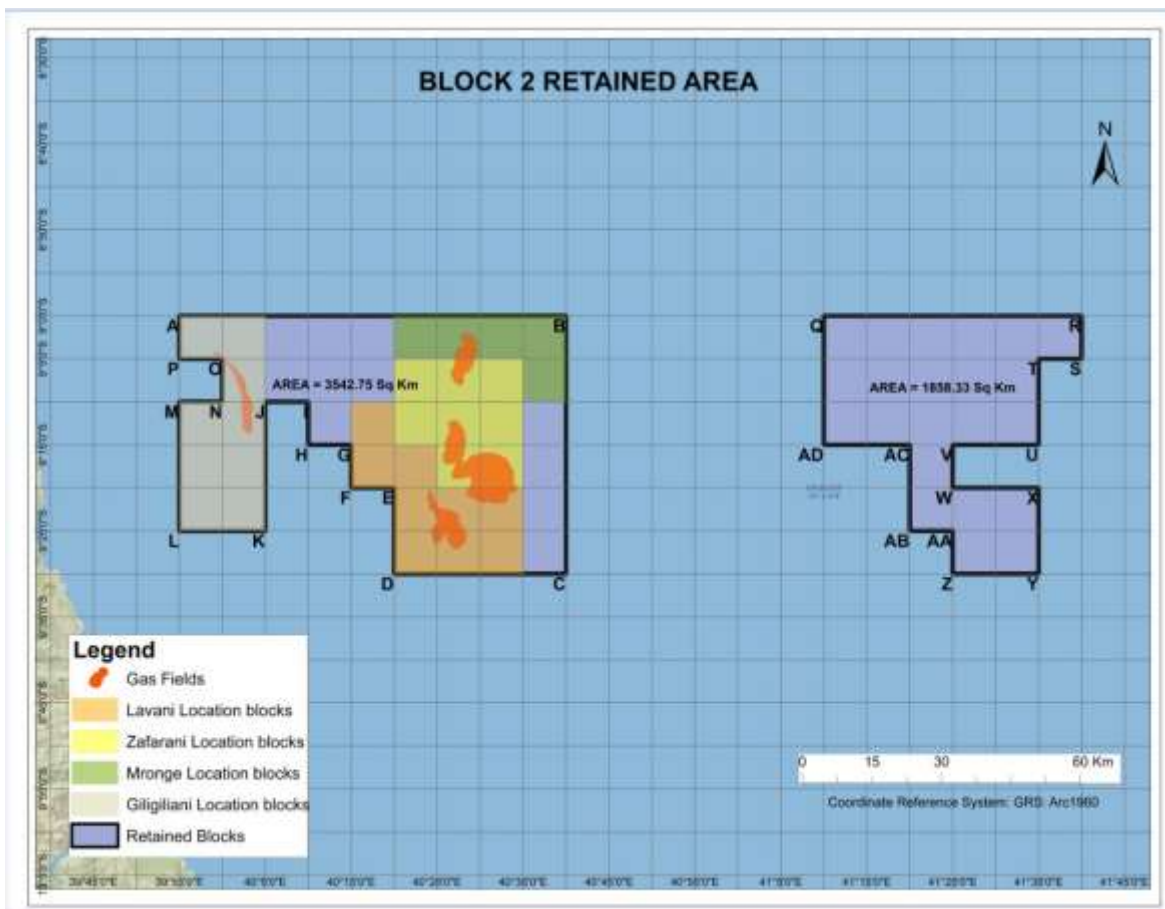
Type of License: **Exploration License**

Commodity Explored Produced: **Gas**

Date of Award: **18th April 2007**

Duration of the License: **11 Years**

Map for Block 2:



Coordinate Lists for Block 2

	Longitude	Latitude			Longitude	Latitude
A	39° 55'E	09° 00'S		Q	41° 10'E	09° 00'S
B	40° 40'E	09° 00'S		R	41° 40'E	09° 00'S
C	40° 40'E	09° 30'S		S	41° 40'E	09° 05'S
D	40° 20'E	09° 30'S		T	41° 35'E	09° 05'S
E	40° 20'E	09° 20'S		U	41° 35'E	09° 15'S
F	40° 15'E	09° 20'S		V	41° 25'E	09° 15'S
G	40° 15'E	09° 15'S		W	41° 25'E	09° 20'S
H	40° 10'E	09° 15'S		X	41° 35'E	09° 20'S
I	40° 10'E	09° 10'S		Y	41° 35'E	09° 30'S
J	40° 05'E	09° 10'S		Z	41° 25'E	09° 30'S
K	40° 05'E	09° 25'S		AA	41° 25'E	09° 25'S
L	39° 55'E	09° 25'S		AB	41° 20'E	09° 25'S
M	39° 55'E	09° 10'S		AC	41° 20'E	09° 15'S
N	40° 00'E	09° 10'S		AD	41° 10'E	09° 15'S
O	40° 00'E	09° 05'S		Q	41° 10'E	09° 00'S
P	39° 55'E	09° 05'S				
A	39° 55'E	09° 00'S				

07. BLOCK 4 EXPLORATION AREA

Name of License Holder: **BG**

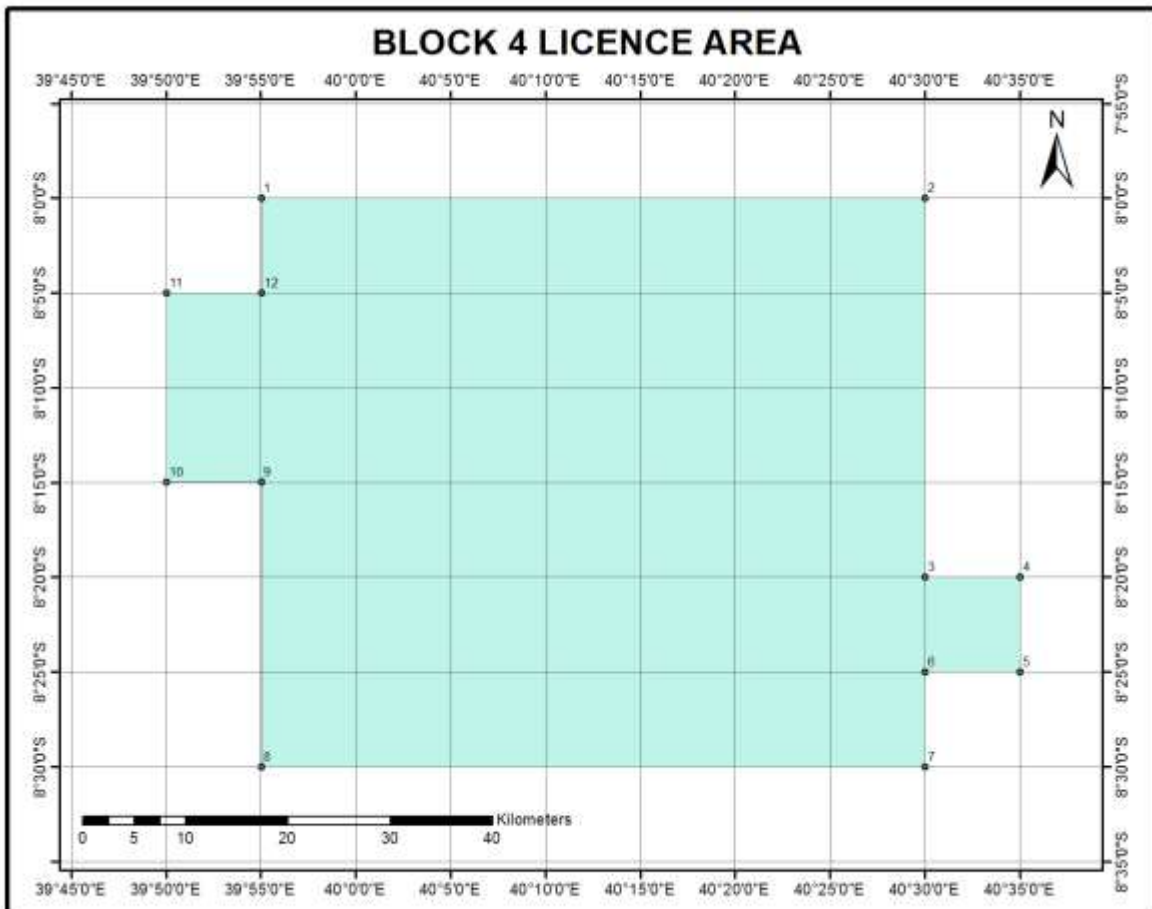
Type of License: **Exploration License**

Commodity Explored Produced: **Gas**

Date of Award: **19th June 2006**

Duration of the License: **11 Years**

Map for Block 4:



Coordinate List for Block 4:

Point	LONGITUDE	LATITUDE	Description
1	39°55' 00" E	8°0' 00" S	Due East to 2
2	40°30' 00" E	8°0' 00" S	Due South to 3
3	40°30' 00" E	8°20' 00" S	Due East to 4
4	40°35' 00" E	8°20' 00" S	Due South to 5
5	40°35' 00" E	8°25' 00" S	Due West to 6
6	40°30' 00" E	8°25' 00" S	Due South to 7
7	40°30' 00" E	8°30' 00" S	Due West to 8
8	39°55' 00" E	8°30' 00" S	Due North to 9
9	39°55' 00" E	8°15' 00" S	Due West to 10
10	39°50' 00" E	8°15' 00" S	Due North to 11
11	39°50' 00" E	8°5' 00" S	Due East to 12
12	39°55' 00" E	8°5' 00" S	Due North to 1

08. BLOCK 1 EXPLORATION AREA

Name of License Holder: **BG**

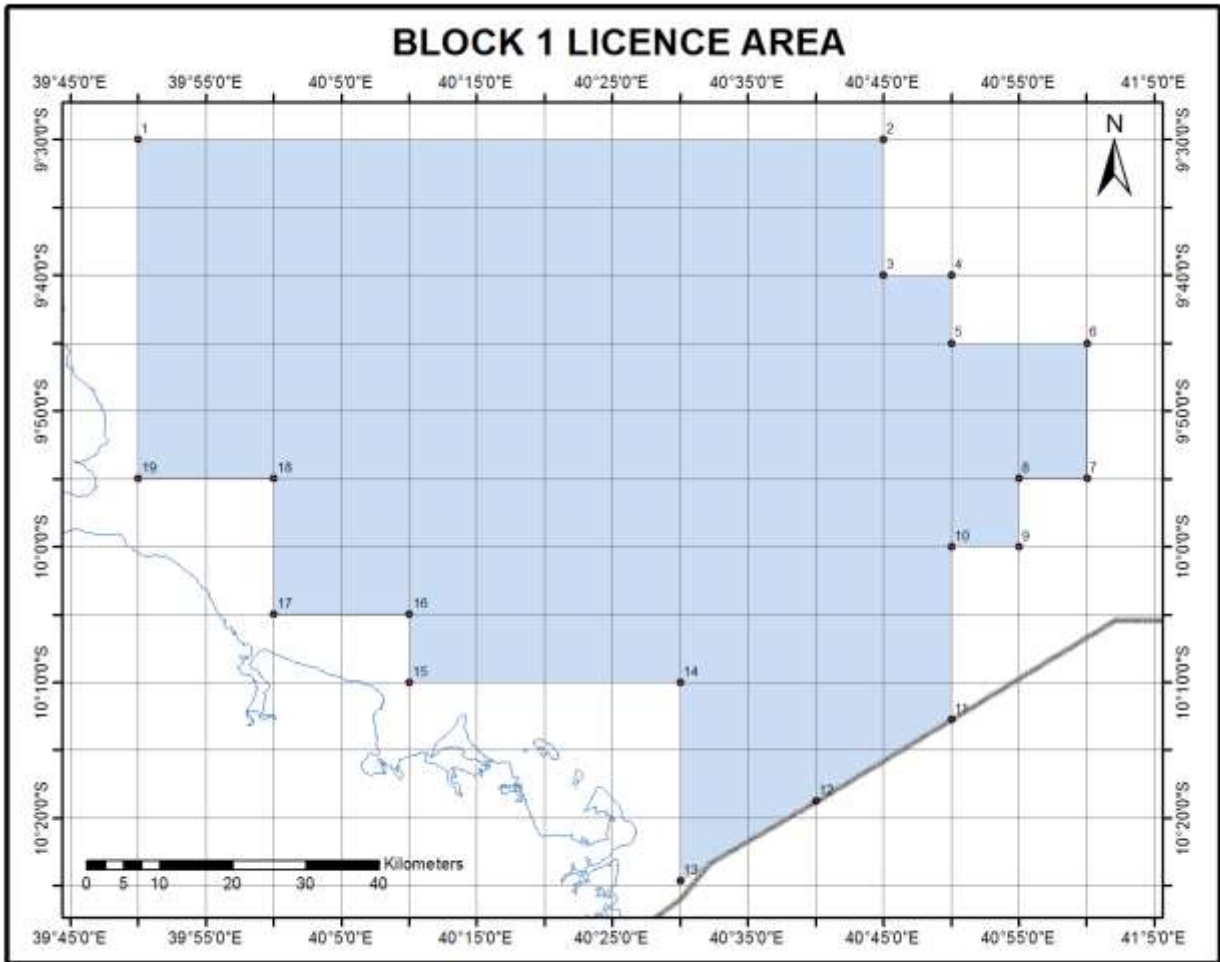
Type of License: **Exploration License**

Commodity Explored Produced: **Gas**

Date of Award: **29th October 2005**

Duration of the License: **11 years**

Map for Block 1:



Coordinate List for Block 1:

Point	LONGITUDE	LATITUDE	Description
1	39° 50' 0" E	9° 30' 0" S	Due East to 2
2	40° 45' 0" E	9° 30' 0" S	Due South to 3
3	40° 45' 0" E	9° 40' 0" S	Due East to 4
4	40° 50' 0" E	9° 40' 0" S	Due South to 5
5	40° 50' 0" E	9° 45' 0" S	Due East to 6
6	41° 0' 0" E	9° 45' 0" S	Due South to 7
7	41° 0' 0" E	9° 55' 0" S	Due West to 8
8	40° 55' 0" E	9° 55' 0" S	Due South to 9
9	40° 55' 0" E	10° 0' 0" S	Due West to 10
10	40° 50' 0" E	10° 0' 0" S	Due South to 11

11	40° 50' 0" E	10° 12' 46" S	Tanzania Mozambique Border
12	40° 40' 07" E	10° 18' 46" S	Tanzania Mozambique Border
13	40° 30' 0" E	10° 24' 37" S	Due North to 14
14	40° 30' 0" E	10° 10' 0" S	Due West to 15
15	40° 10' 0" E	10° 10' 0" S	Due North to 16
16	40° 10' 0" E	10° 5' 0" S	Due West to 17
17	40° 0' 0" E	10° 5' 0" S	Due North to 18
18	40° 0' 0" E	9° 55' 0" S	Due West to 19
19	39° 50' 0" E	9° 55' 0" S	Due North to 1

09. SONGOSONGO DEVELOPMENT LICENSE

Name of License Holder: **Pan African Energy**

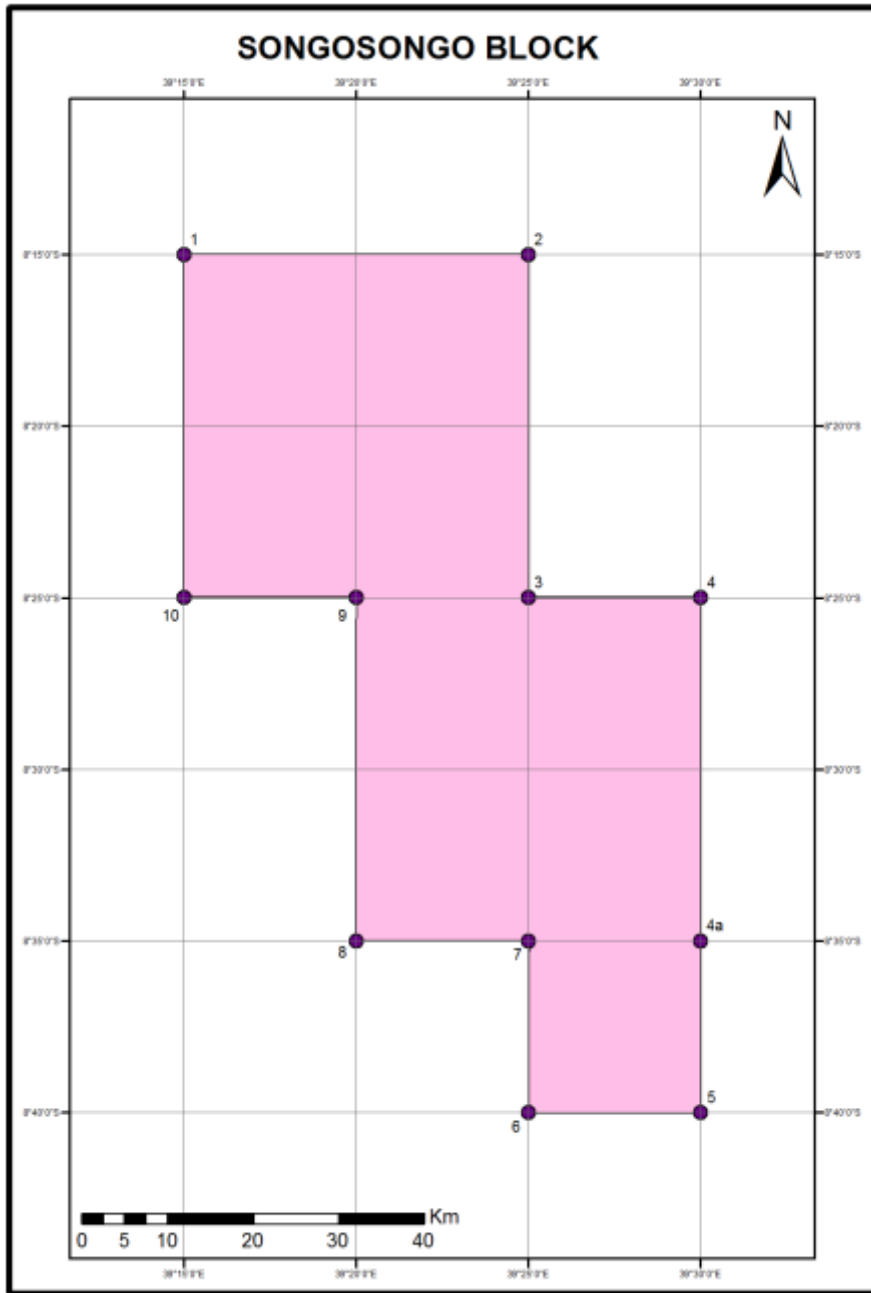
Type of License: **Development License**

Commodity Explored Produced: **Gas**

Date of Award: **30th October 2001**

Duration of the License: **25 years**

Map for Songosongo Block:



Coordinates for Songosongo Block:

Point	LONGITUDE	LATITUDE	Description
1	39° 15' 00" E	8° 15' 00" S	Due East to 2
2	39° 25' 00" E	8° 15' 00" S	Due South to 3
3	39° 25' 00" E	8° 25' 00" S	Due East to 4
4	39° 30' 00" E	8° 25' 00" S	Due South to 4a

4a	39° 30' 00" E	8° 35' 00" S	Due South to 5
5	39° 30' 00" E	8° 40' 00" S	Due West to 6
6	39° 25' 00" E	8° 40' 00" S	Due North to 7
7	39° 25' 00" E	8° 35' 00" S	Due West to 8
8	39° 20' 00" E	8° 35' 00" S	Due North to 9
9	39° 20' 00" E	8° 25' 00" S	Due West to 10
10	39° 15' 00" E	8° 25' 00" S	Due North to 1

10. KILIWANI NORTH DEVELOPMENT LISENCE

Name of License Holder: **Ndovu Resources (T) LTD**

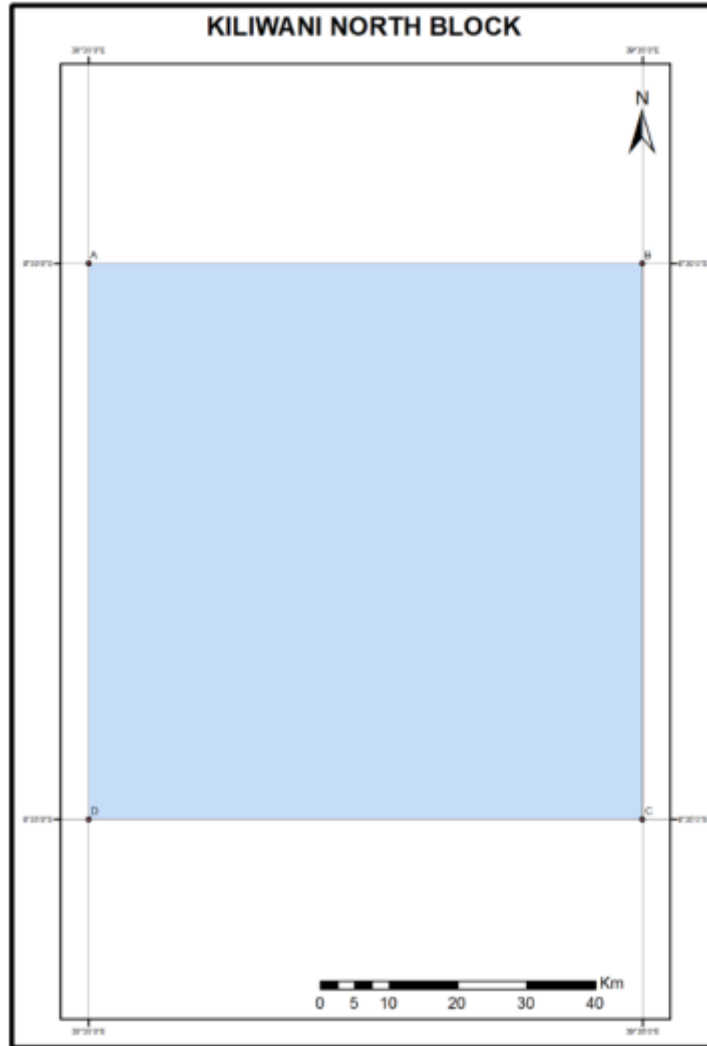
Type of License: **Development License**

Commodity Explored Produced: **Gas**

Date of Award: **1st April, 2011**

Duration of the License: **25 years**

Map for Kiliwani North Block:



Coordinate List for Kiliwani North:

Point	LONGITUDE	LATITUDE	Description
A	39° 30' 0" E	8° 30' 0" S	Due East to B
B	39° 35' 0" E	8° 30' 0" S	Due South to C
C	39° 35' 0" E	8° 35' 0" S	Due West to D
D	39° 30' 0" E	8° 35' 0" S	Due North to A

11. MNAZI BAY DEVELOPMENT LISENCE

Name of License Holder: **Maurel & Prom**

Type of License: **Development License**

Commodity Explored Produced: **Gas**

Date of Award: **18th May 2004**

Duration of the License: **25 years**

Map for Mnazi Bay Development License:



Coordinate List for Mnazi Bay Development lisenca

Point	LONGITUDE	LATITUDE	Description
A	40° 15' 0" E	10° 15' 0" S	Due East to B
B	40° 30' 0" E	10° 15' 0" S	Due South to C
C	40° 30' 0" E	10° 26' 0" S	Tanzania - Mozambique Border
D	40° 20' 0" E	10° 33.25' S	Tanzania - Mozambique Border
E	40° 20' 0" E	10° 30' 0" S	Due West to F
F	40° 15' 0" E	10° 30' 0" S	Due North to A