Legal Notice No. 139

#### REPUBLIC OF TRINIDAD AND TOBAGO

THE PETROLEUM ACT, CHAP. 62:01

#### ORDER

MADE BY THE MINISTER UNDER REGULATION 4 OF THE PETROLEUM

## REGULATIONS

# THE PETROLEUM REGULATIONS (ONSHORE AND NEARSHORE COMPETITIVE BIDDING) ORDER, 2022

WHEREAS the Minister of Energy and Energy Industries (hereinafter Preamble referred to as "the Minister") is empowered by section 9 the Petroleum Act (hereinafter referred to as "the Act") to grant licences in accordance with the Act and the Petroleum Regulations (hereinafter referred to as "the Regulations"):

And whereas by regulation 3(1)(b) of the Regulations one of the licences which may be granted is an Exploration and Production (Public Petroleum Rights) Licences for the purposes of engaging in petroleum operations:

And whereas the Minister has determined that there should be granted eleven Exploration and Production (Public Petroleum Rights) Licences in respect of the public petroleum rights for certain areas of Trinidad and Tobago, more particularly described in Schedule 1 of this Order:

And whereas in accordance with section 10 of the Act, the President is empowered to determine that the grant of licences respecting any public petroleum rights shall be subject to a procedure of competitive bidding in accordance with the Regulations:

And whereas the President has determined that the grant of the eleven Exploration and Production (Public Petroleum Rights) Licences in respect of the public petroleum rights in the areas more particularly described in Schedule 1 of this Order shall be subject to a procedure of competitive bidding:

And whereas regulation 4 of the Regulations provides that where the President has determined an area shall be subject to competitive bidding, the Minister shall make an Order to that effect, which shall specify in respect of each area, the geographical description, the period during which the bids may be presented and any other conditions and details which the Minster may consider proper for the purpose: Now, therefore, in exercise of the powers vested in the Minister under regulation 4 of the Regulations, the Minister makes the following Order:

Citation

1. This Order may be cited as the Petroleum Regulations (Onshore and Nearshore Competitive Bidding) Order, 2022.

Areas subject to competitive bidding process 2. (1) The areas in respect of which the President has determined that the grant of Exploration and Production (Public Petroleum Rights) Licences concerning public petroleum rights shall be subject to a procedure of competitive bidding shall comprise eleven blocks, namely the Aripero, Buenos Ayres, Charuma, Cipero, Cory D, Cory F, Guayaguayare Onshore, South West Peninsula Onshore, South West Peninsula Offshore, St Mary's and Tulsa Blocks (hereinafter referred to as "the blocks").

(2) The physical configuration of the areas subject to the procedure of competitive bidding under subclause (1) and are more particularly described in Schedule 1 and illustrated on the maps set out in Schedule 2.

Schedule 1 Schedule 2 Bids invited

3. The public is invited to bid for Exploration and Production (Public Petroleum Rights) Licences in respect of the blocks described in Schedule 1 for the carrying out of exploration and production operations in the areas illustrated on the maps set out in Schedule 2.

Form of and time for presentation of bids

- 4. (1) Bidders shall submit bids—
  - (a) in duplicate; and
  - (b) under confidential cover in sealed envelopes marked "Bid for Exploration and Production (Public Petroleum Rights) Licence",

with the name of the block applied for, clearly marked.

(2) Bids under subclause (1) shall be submitted to the Office of the Permanent Secretary, Ministry of Energy and Energy Industries, Levels 15, 22–26, Tower C, Energy Trinidad and Tobago, International Waterfront Centre, No. 1 Wrightson Road, Port-of-Spain, Republic of Trinidad and Tobago, West Indies.

(3) The submission of bids under subclause (1) shall take place from the date of this Order until 12.00 noon, six months after the publication of the order or the next business day upon which date and time bids will be closed.

(4) Bidders shall be at liberty to request, in writing or by e-mail any further information which may be required in order to complete a bid or any interpretation thereof. (5) A request under subclause (4) shall be made to the—

Permanent Secretary Ministry of Energy and Energy Industries Levels 15, 22–26, Tower C Energy Trinidad and Tobago International Waterfront Centre No. 1 Wrightson Road Port-of-Spain Republic of Trinidad and Tobago West Indies. E-mail address: bidround@energy.gov.tt

(6) Persons interested in conducting exploration and production operations or forming a consortium to conduct exploration and production operations in any of the blocks described in Schedule 1, shall submit a separate bid application in respect of each block.

(7) Notwithstanding anything to the contrary which may be contained in or implied in this Order, the Ministry of Energy and Energy Industries (hereinafter referred to as "the Ministry") does not bind itself to accept any bid or any part of a bid submitted pursuant to this Order and the Ministry further reserves the right to reject any and all bids.

(8) After the public opening of bids, the Ministry may disclose the process, information relating to the examination, clarification, evaluation and comparison of bids or recommendations concerning the award of Exploration and Production (Public Petroleum Rights) Licences.

(9) Any effort by a bidder to influence the Ministry in the process of examination, clarification, evaluation and comparison of bids and in decisions concerning the award of licences may result in the rejection of the bidder's bid.

5. (1) Persons intending to bid either individually or as a member  $_{\rm Bid}$  of a consortium shall pay a bid fee to the Permanent Secretary of the  $_{\rm fee}^{\rm application}$  Ministry prior to the close of bids.

(2) The bid fee under subclause (1) is the sum of thirty thousand dollars in the currency of the United States of America (US\$30,000.00) or the equivalent in the currency of Trinidad and Tobago.

(3) Where a prospective bidder pays the bid fee he shall be entitled to—

- (a) receive the data package which shall include data for all blocks; and
- (b) bid on any or all of the blocks.

(4) A bid shall not be accepted unless the bidder first pays the bid fee under subclauses (1) and (2).

Data Packages

- 6. A data package under clause 5 shall include—
  - (a) the Petroleum Regulations (Onshore and Nearshore Competitive Bidding) Order, 2022;
  - (b) the Model Exploration and Production (Public Petroleum Rights) Licence, 2022 (hereinafter referred to as "the Model Licence");
  - (c) The Model Joint Operating Agreement, 2022 (hereinafter referred to as "the JOA");
  - (d) the Local Content and Local Participation Framework for the Republic of Trinidad and Tobago dated 7th October, 2004; and
  - (e) relevant information with respect to the blocks for which bids may be presented.

Information	7.	Α	bidder	shall	in	submitting	а	bid,	submit	with	the	bid	the
in support of bid	followin	ıg:				-							

- (a) a signed declaration, indicating that the Model Licence has been examined and the terms agreed to be presented in the prescribed manner indicated in the form set out in Schedule 3;
- (b) a summary of the proposals in respect of items referred to in clause 8(2) presented in the prescribed manner indicated in the Summary Bid Form set out in Schedule 4;
- (c) documents showing cash flow in respect of the commercial evaluation presented in the prescribed manner indicated in the form set out in Schedule 5 entitled "Revenue/Cost Data used in Commercial Evaluation";
- (d) documents demonstrating the legal identity of the bidder;
- (e) evidence of technical capacity, competence and experience in petroleum operations and related activities of the bidder;

Schedule 3

Schedule 4

Schedule 5

- (f) documents showing the corporate and the financial structure and backing of the bidder, including the past three years of audited financial statements;
- (g) a declaration of and the details of any conflict of interest that a bidder may have;
- (*h*) where the bid is being considered by a consortium, the role that each member of the consortium shall play;
- (i) disclosure of beneficial ownership information by companies that submit bids for blocks; and
- (j) such other details as the bidder may consider relevant.

8. (1) A bid proposal shall provide for the maximum utilization of Requirements services and facilities available in Trinidad and Tobago in both the <sup>for bid</sup> exploration and production operations under the Exploration and Production (Public Petroleum Rights) Licence granted.

(2) A bid shall conform to the provisions of the Model Licence referred to in clause 6(b) and shall contain proposals in respect of the following:

- (a) a technical and commercial evaluation of the block which represents the interpretation by the bidder of the hydrocarbon and commercial potential of the block;
- (b) a commitment to a work programme (hereinafter referred to as "the Minimum Work Programme") which represents the best efforts of the bidder to explore the block based on his technical evaluation of the block; and
- (c) a commitment to spend such sum of money, ("the Minimum Expenditure Obligation") as outlined in Schedule 4 as shall be Schedule 4 necessary to complete the Minimum Work Programme.

(3) Bidders are required to make an oral presentation in support of their technical and commercial evaluations referred to in subclause (2)(a).

9. A bid proposal shall be evaluated on the basis of the-

Evaluation of bids

- (a) provisions outlined in the Model Licence; and
- (b) point system to be used for evaluating bids set out in Schedule 6. Schedule 6

Interest of a state owned enterprise shall be given a participating interest in each block awarded and a carried interest for certain works, payment and obligations as specified in the JOA as follows:

Name of Block	Percentage
(a) Aripero	15%
(b) Buenos Ayres	15%
(c) Charuma	20%
(d) Cipero	20%
(e) Cory D	10%
(f) Cory F	10%
(g) Guayaguayare Onshore	20%
(h) South West Peninsula Onshore	15%
(i) South West Peninsula Offshore	10%
(j) St. Mary's	10%
(k) Tulsa	15%

Separate licence for each block 11. The Minister shall issue a separate Exploration and Production (Public Petroleum Rights) Licence in respect of each block described in Schedule 1.

Announcement 12. Successful bids shall be announced within three months of the of successful bids date of the close of bids.

Requirement of 13. (1) A successful bidder wishing to be granted an Exploration and successful bidders Production (Public Petroleum Rights) Licence shall—

- (a) execute such Exploration and Production (Public Petroleum Rights) Licence with the State within thirty days of the notification of the successful bid;
- (b) before commencing petroleum operations in the licensed area, register under the Companies Act or be incorporated thereunder;
- (c) deliver to the Minister on or before the effective date of the Exploration and Production (Public Petroleum Rights) Licence, guarantees for—
  - (i) the total amount of the Minimum Work Programme committed to in clause 8(2)(b) in the form of a bond or banker's guarantee or other form of guarantee acceptable to the Minister on or before the effective date of the Exploration and Production (Public Petroleum Rights) Licence; and

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- (ii) the sum of four hundred thousand dollars in the currency of the United States of America (US \$400,000.00) for the performance of any other obligation under the Licence, in cash, securities or other form of guarantee acceptable to the Minister;
- (d) maintain such separate books of accounts with respect to petroleum operations in the licensed area in accordance with the Regulations;
- (e) participate in the "National Oil Spill Contingency Plan" of the Government of the Republic of Trinidad and Tobago; and
- (f) comply with the Local Content Policy or Local Content Legislation of the Government of the Republic of Trinidad and Tobago in effect, as may be amended from time to time.

(2) The Model Licence and the bid proposal of the bidder pursuant to this Order shall be the basis for the issue of the Exploration and Production (Public Petroleum Rights) Licences to be entered into among the President, the Minister, a state owned enterprise and the successful bidder.

(3) Failure to execute the Exploration and Production (Public Petroleum Rights) Licence referred to in subclause (1)(a) within thirty days of receipt of the notification of the success of the bid may result in the non-issue of the Exploration and Production (Public Petroleum Rights) Licence and the Ministry may proceed to commence discussions with the bidder who is next in line.

(4) Failure to submit the guarantees referred to in subclauses (1)(c)(i) and (ii) on or before the effective date of the Exploration and Production (Public Petroleum Rights) Licence may result in the non-issue of the Exploration and Production (Public Petroleum Rights) Licence and the Ministry may proceed to commence discussions with the bidder who is next in line.

14. (1) An Exploration and Production (Public Petroleum Rights) Period of Licence shall be issued initially for a period of six years, in respect of each <sup>licence</sup> renewal and block listed in Schedule 1, but upon the achievement of a commercial termination discovery, it may be renewed as to such part of the licensed area on which <sup>for</sup> Exploration the commercial discovery has been made for a term of twenty-five years <sup>and</sup> Production from the effective date of the Exploration and Production (Public <sup>(Public</sup> Petroleum Rights) Licence. (2) Where a commercial discovery is not achieved within six years, the Exploration and Production (Public Petroleum Rights) Licence referred to in sub-clause (1) shall terminate automatically.

Application 15. A bidder wishing to be considered for operatorship shall apply to for prequalification for clause 4(3) giving all technical, commercial and other information operatorship necessary.

#### SCHEDULE 1

[Clause 2(2)]

THE AREAS SUBJECT TO COMPETITIVE BIDDING

The areas subject to Competitive Bidding comprise the eleven blocks of various shapes and sizes located, designated and described as specified hereunder and illustrated on the maps in Schedule 2. The said areas are bounded by the Co-ordinates and the adjoining lines in the coordinate system below:

Coordinate System: GCS WGS 1984 Angular Unit: Degree (0.0174532925199433) Prime Meridian: Greenwich (0.0) Datum: WGS 1984 Spheroid: WGS 1984 Semimajor Axis: 6378137.0 Semiminor Axis: 6356752.314245179 Inverse Flattening: 298.257223563

#### **GUAYAGUAYARE ONSHORE**

Guayaguayare Onshore comprising approximately 30,595.37 hectares (305.95 km<sup>2</sup>) situated in the South Eastern Area of Trinidad, in the Wards of Guayaguayare, Trinity and Moruga, delineated by the lines joining the points and excluding areas listed hereunder and shown in Schedule 2.

POINTS	WGS 1984 UTM 20N		
POINTS	Easting	Northing	
GCS36	679569.81	1116898.38	
CG38	679578.81	1115579.17	
CG39	679377.81	1115578.17	
CG40	679378.81	1115376.17	
CG41	679186.80	1115375.17	
CG42	679188.80	1115124.17	
CG43	679268.81	1115124.17	
CG44	679267.81	1115175.17	
CG45	679379.81	1115175.17	
CG46	679378.81	1115267.17	
CG47	679581.81	1115268.17	
CG48	679581.81	1115168.17	
CG49	679789.81	1115169.17	

POINTS	WGS 1984 UTM 20N			
POINTS	Easting	Northing		
CG68	679311.81	1114588.16		
CG69	679202.81	1114588.16		
CG70	679203.81	1114612.16		
CG71	678950.80	1114611.16		
CG72	678949.80	1114749.16		
CG73	678939.80	1114749.16		
CG74	678939.80	1114835.16		
CG75	678763.80	1114834.16		
CG76	678762.80	1114844.16		
CG77	678453.80	1114843.16		
CG78	678453.80	1114711.16		
CG79	678565.80	1114712.16		
CG80	678566.80	1114612.16		

POINTS	WGS 1984 UTM 20N			
POINTS	Easting	Northing		
CG50	679789.81	1115130.17		
CG51	679752.81	1115130.17		
CG52	679753.81	1114926.17		
CG53	679520.81	1114924.16		
CG54	679521.81	1114764.16		
CG55	679496.81	1114764.16		
CG56	679498.81	1114491.16		
CG57	679731.81	1114492.16		
CG58	679731.81	1114557.16		
CG59	679847.81	1114557.16		
CG60	679848.81	1114342.16		
CG61	679848.81	1114297.16		
CG62	679638.81	1114297.16		
CG63	679517.81	1114296.16		
CG64	679516.81	1114350.16		
CG65	679376.81	1114350.16		
CG66	679374.81	1114584.16		
CG67	679311.81	1114584.16		

POINTS	WGS 1984 UTM 20N			
FOINTS	Easting	Northing		
CG81	678427.80	1114611.16		
CG82	677262.79	1114113.16		
CG83	677263.79	1113880.15		
CG84	677360.79	1113880.16		
CG85	677360.79	1113924.16		
CG86	677712.79	1113926.16		
CG87	677712.79	1113947.16		
CG88	677874.80	1113948.16		
CG89	678026.80	1113949.16		
CG90	678026.80	1113939.16		
CG91	678170.80	1113940.16		
CG92	678170.80	1113901.16		
CG93	678358.80	1113902.16		
CG94	678358.80	1113896.16		
CG95	678872.80	1113899.16		
CG96	679013.80	1113900.16		
CG97	679013.80	1113820.16		
CG98	670220.91	1112021 16		
CG98	679220.81	1113821.16		
0.098	079220.81	1113821.10		
		4 UTM 20N		
POINTS	WGS 1984 Easting	4 UTM 20N Northing		
POINTS A278	WGS 1984	4 UTM 20N		
POINTS	WGS 1984 Easting	4 UTM 20N Northing		
POINTS A278	WGS 1984 Easting 716569.20	4 UTM 20N Northing 1132558.40		
POINTS A278 A279	WGS 1984 Easting 716569.20 716567.50	4 UTM 20N Northing 1132558.40 1132310.90		
POINTS A278 A279 GU2	WGS 1984 Easting 716569.20 716567.50 716567.50	4 UTM 20N Northing 1132558.40 1132310.90 1132310.33		
POINTS A278 A279 GU2 NV4	WGS 1984 Easting 716569.20 716567.50 716567.50 716567.07	4 UTM 20N Northing 1132558.40 1132310.90 1132310.33 1132310.33		
POINTS A278 A279 GU2 NV4 NV3	WGS 1984 Easting 716569.20 716567.50 716567.50 716567.07 716589.07	UTM 20N Northing 1132558.40 1132310.90 1132310.33 1132310.33 1128157.30		
POINTS A278 A279 GU2 NV4 NV3 NV2	WGS 1984 Easting 716569.20 716567.50 716567.50 716567.07 716589.07 711310.04	UTM 20N Northing 1132558.40 1132310.90 1132310.33 1132310.33 1128157.30 1128130.30		
POINTS A278 A279 GU2 NV4 NV3 NV2 NV1	WGS 1984 Easting 716569.20 716567.50 716567.50 716567.07 716589.07 711310.04 711293.03	UTM 20N Northing 1132558.40 1132310.90 1132310.33 1132310.33 1128157.30 1128130.30 1129258.30		
POINTS A278 A279 GU2 NV4 NV3 NV2 NV1 GU1	WGS 1984 Easting 716569.20 716567.50 716567.50 716567.07 716589.07 711310.04 711293.03 711293.03	UTM 20N Northing 1132558.40 1132310.90 1132310.33 1132310.33 1128157.30 1128130.30 1129258.30 1129259.10		
POINTS A278 A279 GU2 NV4 NV3 NV2 NV1 GU1 A282 A283 A284	WGS 1984 Easting 716569.20 716567.50 716567.50 716567.07 716589.07 711310.04 711293.03 711293.03 710405.60	UTM 20N Northing 1132558.40 1132310.90 1132310.33 1132310.33 1128157.30 1128130.30 1129258.30 1129259.10 1129247.50		
POINTS A278 A279 GU2 NV4 NV3 NV2 NV1 GU1 A282 A283	WGS 1984 Easting 716569.20 716567.50 716567.50 716567.07 716589.07 711310.04 711293.03 711293.03 711293.03 711293.03 710405.60 710415.80 708435.50 708429.80	UTM 20N Northing 1132558.40 1132310.90 1132310.33 1132310.33 1128157.30 1128130.30 1129258.30 1129259.10 1129247.50 1128126.50		
POINTS A278 A279 GU2 NV4 NV3 NV2 NV1 GU1 A282 A283 A284	WGS 1984 Easting 716569.20 716567.50 716567.50 716567.07 716589.07 711310.04 711293.03 711293.03 711293.03 710405.60 710415.80 708435.50	UTM 20N Northing 1132558.40 1132310.90 1132310.33 1132310.33 1128157.30 1128130.30 1129258.30 1129259.10 1129247.50 1128126.50 1128116.40		
POINTS A278 A279 GU2 NV4 NV3 NV2 NV1 GU1 A282 A283 A284 A285	WGS 1984 Easting 716569.20 716567.50 716567.50 716567.07 716589.07 711310.04 711293.03 711293.03 711293.03 711293.03 710405.60 710415.80 708435.50 708429.80	UTM 20N Northing 1132558.40 1132310.90 1132310.33 1132310.33 1128157.30 1128130.30 1129258.30 1129259.10 1129247.50 1128126.50 1128116.40 1129237.60		
POINTS A278 A279 GU2 NV4 NV3 NV2 NV1 GU1 A282 A283 A284 A285 A286	WGS 1984 Easting 716569.20 716567.50 716567.50 716567.07 716589.07 711310.04 711293.03 711293.03 711293.03 710405.60 710415.80 708435.50 708429.80 706373.30	UTM 20N Northing 1132558.40 1132310.90 1132310.33 1132310.33 1128157.30 1128130.30 1129258.30 1129259.10 1129247.50 1129247.50 1128126.50 1128116.40 1129237.60 1129227.00		

TR20

TR21

TR22

687747.86

687751.86

687144.86

1120678.22

1120390.21

1120381.21

POINTS	WGS 1984 UTM 20N					
1011115	Easting	Northing				
CG99	679220.81	1113778.76				
Proceed	Proceed in a Westerly direction					
		ark to BM1a				
BM1a	713114.96					
Proceed	d in a Westerl	v direction				
Proceed in a Westerly direction along the high-water mark to BM1a						
BM11a		1121707.30				
Proceed in a North Westerly						
direction along the high-water mark						
to G11						
G11	719070.79	1134020.66				
A272	717634.10	1133075.70				
A273	717635.80	1132718.50				
A274	717200.00	1132735.10				
A275	717186.30	1132504.30				
A275a	717024.60	1132511.00				
A275b	716946.90	1132509.10				
A275c	716945.90	1132471.70				
A276	716752.20	1132472.20				
A277	716752.70	1132560.80				

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## EXCLUDED AREAS FROM GUAYAGUAYARE ONSHORE (BEACH MARCELLE GOUDRON, MORUGA EAST, NAVETTE AND CORY F)

BEACH MARCELLE

POINTS	CO-ORDINATES			
POINTS	EASTING	NORTHING		
BM1	713115.39	1120163.14		
BM2	712922.06	1120209.24		
BM3	712695.05	1120404.24		
BM4	709509.03	1120327.23		
BM5	709432.03	1123558.26		
BM6	712543.05	1123632.26		
BM7	712549.05	1123375.26		
BM8	713777.06	1123404.26		
BM9	713782.06	1123200.26		
BM10	714936.07	1123227.26		
BM11	714932.24	1121706.54		
PROCEEE	) in an Easter	LY DIRECTION		
ALONG T	HE HIGH-WATE	R MARK TO		
POINT B	M1			

## MORUGA EAST

POINTS	CO-ORDINATES			
FOINTS	EASTING	NORTHING		
ME1	695982.93	1120475.22		
ME2	695988.93	1119350.21		
ME3	696258.93	1119329.21		
ME4	695967.93	1118967.21		
ME5	695994.93	1118202.20		
ME6	699415.96	1118242.21		
ME7	699432.95	1119255.22		
ME8	699027.95	1119253.22		

NAVETTE

POINTS	CO-ORDINATES				
POINTS	EASTING	NORTHING			
NV1	711293.03	1129258.30			
NV2	711310.04	1128130.30			
NV3	716589.07	1128157.30			
NV4	716567.07	1132310.33			
NV5	716401.07	1132308.33			
NV6	716401.07	1132310.33			
NV7	711505.04	1129259.30			

#### GOUDRON

POINTS	CO-ORDINATES			
POINTS	EASTING	NORTHING		
GO1	702339.97	1121859.24		
GO2	702268.98	1118543.21		
GO3	705796.00	1118543.22		
GO4	705832.00	1121859.24		

## CORY F

POINTS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CF1	686015.85	1116769.18
CF2	686014.85	1116808.18
CF3	686276.86	1116810.19
CF4	686277.86	1116652.18
CF5	686845.86	1116631.18
CF6	686845.86	1116623.18
CF7	687080.86	1116614.18
CF8	687128.86	1116731.19
CF9	687165.86	1116730.19
CF10	687203.86	1116821.19
CF11	687630.87	1116809.19
CF12	687569.87	1116915.19
CF13	687378.87	1116884.19
CF14	687287.86	1117042.19
CF15	687110.86	1116940.19
CF16	686787.86	1117502.19
CF17	686462.86	1117500.19
CF18	686460.86	1117829.19
CF19	686291.86	1117828.19
CF20	686292.86	1117663.19
CF21	685964.85	1117661.19
CF22	685966.85	1117449.19
CF23	685682.85	1117447.19
CF24	685682.85	1117382.19
CF25	685280.85	1117379.19
CF26	685084.85	1117378.19
CF27	685090.85	1116427.18
CF28	685189.85	1116427.18
CF29	685188.85	1116644.18
CF30	685374.85	1116645.18
CF31	685374.85	1116641.18
CF32	685694.85	1116643.18
CF33	685694.85	1116675.18
CF34	685834.85	1116676.18
CF35	685834.85	1116768.18

## CORY F

Cory F comprising approximately 169.4 hectares  $(1.69 \text{ km}^2)$  situated in the South-Central Area of Trinidad, in the Ward of Moruga, delineated by the lines joining the points listed hereunder and shown in Schedule 2.

DODITO	WGS 19	984 UTM 20N
POINTS	Easting	Northing
CF1	686015.85	1116769.18
CF2	686014.85	1116808.18
CF3	686276.86	1116810.19
CF4	686277.86	1116652.18
CF5	686845.86	1116631.18
CF6	686845.86	1116623.18
CF7	687080.86	1116614.18
CF8	687128.86	1116731.19
CF9	687165.86	1116730.19
CF10	687203.86	1116821.19
CF11	687630.87	1116809.19
CF12	687569.87	1116915.19
CF13	687378.87	1116884.19
CF14	687287.86	1117042.19
CF15	687110.86	1116940.19
CF16	686787.86	1117502.19
CF17	686462.86	1117500.19
CF18	686460.86	1117829.19
CF19	686291.86	1117828.19
CF20	686292.86	1117663.19
CF21	685964.85	1117661.19
CF22	685966.85	1117449.19
CF23	685682.85	1117447.19
CF24	685682.85	1117382.19
CF25	685280.85	1117379.19
CF26	685084.85	1117378.19
CF27	685090.85	1116427.18
CF28	685189.85	1116427.18
CF29	685188.85	1116644.18
CF30	685374.85	1116645.18
CF31	685374.85	1116641.18
CF32	685694.85	1116643.18
CF33	685694.85	1116675.18
CF34	685834.85	1116676.18
CF35	685834.85	1116768.18

## CORY D

Cory D comprising approximately 1652.73 hectares (16.53 km<sup>2</sup>) situated in the South-Central Area of Trinidad, in the Wards of Siparia and Moruga, delineated by the lines joining the points listed hereunder and shown in Schedule 2.

POINTS	WGS 1984	UTM 20N
FOINTS	Easting	Northing
W2A	672665.42	1114083.09
U2	672669.75	1115677.16
SC75	673543.76	1115811.17
MC76	674208.30	1116078.60
MC77	676166.78	1116878.18
MC78	676166.78	1116760.18
MC79	676675.72	1116995.64
MC80	678443.80	1116685.18
MC81	679569.81	1117513.18
GCS36	679569.81	1116898.38
CG38	679578.81	1115579.17
CG39	679377.81	1115578.17
CG40	679378.81	1115376.17
CG41	679186.80	1115375.17
CG42	679188.80	1115124.17
CG43	679268.81	1115124.17
CG44	679267.81	1115175.17
CG45	679379.81	1115175.17
CG46	679378.81	1115267.17
CG47	679581.81	1115268.17
CG48	679581.81	1115168.17
CG49	679789.81	1115169.17
CG50	679789.81	1115130.17
CG51	679752.81	1115130.17
CG52	679753.81	1114926.17
CG53	679520.81	1114924.16
CG54	679521.81	1114764.16
CG55	679496.81	1114764.16
CG56	679498.81	1114491.16
CG57	679731.81	1114492.16
CG58	679731.81	1114557.16
CG59	679847.81	1114557.16
CG60	679848.81	1114342.16
CG61	679848.81	1114297.16
CG62	679638.81	1114297.16
CG63	679517.81	1114296.16
CG64	679516.81	1114350.16

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POINTS Easting   CG65 679376.81   CG66 679374.81   CG67 679311.81   CG68 679311.81   CG69 679202.81   CG70 679203.81   CG71 678950.80   CG72 678949.80	Northing 1114350.16 1114584.16 1114584.16 1114588.16 1114588.16 1114588.16 1114612.16 1114611.16 1114749.16
CG66 679374.81   CG67 679311.81   CG68 679311.81   CG69 679202.81   CG70 679203.81   CG71 678950.80	1114584.16 1114584.16 1114588.16 1114588.16 1114588.16 1114612.16 1114611.16 1114749.16
CG67 679311.81   CG68 679311.81   CG69 679202.81   CG70 679203.81   CG71 678950.80	1114584.16 1114588.16 1114588.16 1114512.16 1114612.16 1114611.16 1114749.16
CG68 679311.81   CG69 679202.81   CG70 679203.81   CG71 678950.80	1114588.16 1114588.16 1114612.16 1114611.16 1114749.16
CG69 679202.81   CG70 679203.81   CG71 678950.80	1114588.16 1114612.16 1114611.16 1114749.16
CG70 679203.81 CG71 678950.80	1114612.16 1114611.16 1114749.16
CG71 678950.80	1114611.16 1114749.16
	1114749.16
CG72 678949.80	
CG73 678939.80	1114749.16
CG74 678939.80	1114835.16
CG75 678763.80	1114834.16
CG76 678762.80	1114844.16
CG77 678453.80	1114843.16
CG78 678453.80	1114711.16
CG79 678565.80	1114712.16
CG80 678566.80	1114612.16
CG81 678427.80	1114611.16
CG82 677262.79	1114113.16
CG83 677263.79	1113880.15
CG84 677360.79	1113880.16
CG85 677360.79	1113924.16
CG86 677712.79	1113926.16
CG87 677712.79	1113947.16
CG88 677874.80	1113948.16
CG89 678026.80	1113949.16
CG90 678026.80	1113939.16
CG91 678170.80	1113940.16
CG92 678170.80	1113901.16
CG93 678358.80	1113902.16
CG94 678358.80	1113896.16
CG95 678872.80	1113899.16
CG96 679013.80	1113900.16
CG97 679013.80	1113820.16
CG98 679220.81	1113821.16
CG99 679220.81	1113778.76
PROCEED IN A WESTERLY D THE HIGH-WATER MARK	
W2A 672665.42	1114083.09

672662.00

1114736.30

U3

## SCHEDULE 1-CONTINUED

#### ST. MARY'S

St Mary's comprising approximately 10794.36 hectares (107.94 km<sup>2</sup>) situated in the South-Central Area of Trinidad, in the Wards of Siparia, Moruga, Trinity, Ortoire and Savana Grande delineated by the lines joining the points and excluding areas listed hereunder and shown in Schedule 2. The said Block is subdivided into three Blocks labelled St. Mary's 1-St. Mary's 3.

St. Mary's 1

DOD/70	WGS 198	4 UTM 20N	DOD.
POINTS	EASTING	NORTHING	POINT
A248	700974	1126723	SM84
SMC56	700947.09	1126940.63	SM8
SM57	695935.92	1126914.27	SM80
SM50	695921.92	1129688.29	SM8
A264	695923	1129689.8	SM88
17	695669.91	1132433.31	SM89
16	695419.91	1132433.31	SM90
15	695419.91	1131183.3	SM9
14	695169.91	1131183.3	SM92
13	695169.91	1130183.3	SM93
12	694669.91	1130183.29	SM94
11	694669.91	1129933.29	SM9
10	694169.9	1129933.29	SM96
9	694169.9	1129683.29	SM9
8	692919.9	1129683.29	SM9
7	692919.9	1129433.29	SM99
6	692669.89	1129433.29	SM10
5	692669.89	1129183.29	SM10
4	692169.89	1129183.28	SM10
3	692169.89	1128783.28	SM10
2	691919.89	1128783.28	SM10
1	691919.89	1128048.28	SM10
71	689419.87	1127033.27	SM10
SM68	686719.29	1125689.25	SM10
SM80	685172.37	1125949.42	SM10
SM81	685175.93	1125930.84	SM10
SM82	685165.52	1125908.9	SM11
SM83	685151.64	1125890.99	SM11

POINTS	WGS 198	34 UTM 20N
FOINTS	EASTING	NORTHING
SM84	685144.7	1125873.08
SM85	685133.73	1125852.29
SM86	685128.52	1125844.59
SM87	685141.31	1125827.39
SM88	685176.89	1125756.39
SM89	685210.49	1125676.23
SM90	685212.38	1125659.4
SM91	685204.86	1125644.38
SM92	685156.08	1125591.29
SM93	685118.72	1125547.34
SM94	685116.98	1125519.04
SM95	685127.58	1125507.64
SM96	685145.46	1125474.72
SM97	685153.38	1125438.44
SM98	684922.04	1125436.96
SM99	684922.57	1125353.84
SM100	684831.04	1125353.25
SM101	684831.62	1125262.93
SM102	684688.91	1125262.02
SM103	684689.56	1125160.43
SM104	684690.21	1125099.98
SM105	685201.36	1125103.25
SM106	685172.14	1125139.03
SM107	685171.9	1125184.29
SM108	685506.04	1125186.04
SM109	685507.11	1124980.85
SM110	685406.53	1124980.33
SM111	685395.15	1124932.72

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POINTS	WGS 1984 UTM 20	
FOINTS	EASTING	NORTHING
SM112	685369.91	1124900.71
SM113	685335.4	1124892.93
SM114	685281.32	1124742.3
SM115	685126.92	1124742.12
SM116	685127.29	1124420.45
SM117	685241.67	1124420.59
SM118	685285.46	1124422.4
SM119	685310.66	1124395.27
SM120	685321.32	1124374.93
SM121	685314.54	1124355.55
SM122	685302.16	1124344.24
SM123	685295.32	1124311.94
SM124	685235.01	1124311.57
SM125	685202.65	1124277.11
SM126	685240.92	1124241.17
SM127	685186.57	1124172.17
SM128	685142.36	1124212.91
SM129	685126.49	1124196.01
SM130	685058.18	1124135.99
SM131	685132.21	1124136.38
SM132	685114.51	1124116.3
SM133	685109.09	1124098.61
SM134	685061.61	1124098.36
SM135	685059.85	1124092.59
SM136	685086.33	1124044.02
SM137	685100.18	1124032.09
SM138	685083.94	1123979.2
SM139	685086.07	1123970.41
SM140	685110.49	1123869.72
SM141	685153.6	1123824.59
SM142	685175.27	1123801.9
SM143	685145.64	1123720.23
SM144	685137.25	1123666.56
SM145	685136.63	1123662.59
SM146	685140.69	1123597.13
SM147	685186.27	1123599.96
SM148	685188.3	1123585.01
SM149	685142.72	1123582.18

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1—Continued

POINTS	WGS 198	34 UTM 20N
roints	EASTING	NORTHING
SM150	685148.18	1123541.91
SM151	685149.5	1123532.15
SM152	685152.97	1123524.89
SM153	685194.17	1123544.58
SM154	685200.68	1123530.97
SM155	685159.48	1123511.27
SM156	685176.4	1123475.88
SM157	685175.8	1123468.08
SM158	685155.55	1123470.17
SM159	685116.2	1123463.94
SM160	685057.09	1123439.49
SM161	685039.76	1123432.33
SM162	685031.81	1123429.04
SM163	685031.02	1123426.97
SM164	685012.04	1123376.72
SM165	685054.76	1123360.58
SM166	685042.53	1123328.22
SM167	684984.53	1123327.91
SM168	684784.93	1123326.34
SM169	684784.92	1123327.35
SM170	684774.86	1123327.27
SM171	684774.95	1123316.21
SM172	684984.58	1123317.85
SM173	684985.43	1123155.71
SM174	685046.99	1123156.04
SM175	685055.28	1123134.01
SM176	685095.5	1123076.71
SM177	685097.67	1123058.53
SM178	685094.05	1123052.03
SM179	685087.21	1123039.72
SM180	685129.02	1123021.87
SM181	685109.81	1122997.22
SM182	685104.93	1122988.43
SM183	685067.55	1123004.38
SM184	685041.05	1122956.74
SM185	685090.34	1122957
SM186	685088.23	1122941.65
SM187	685038.94	1122941.39

POINTS	WGS 1984 UTM 20N	
FOINTS	EASTING	NORTHING
SM188	685035.48	1122916.24
SM189	685071.45	1122866.61
SM190	685089.95	1122836.19
SM191	684843.13	1122834.89
SM192	684843.14	1122834.09
SM193	684694.07	1122833.31
SM194	684693.44	1122954.92
SM195	684574.28	1122954.3
SM196	684573.25	1123152.57
SM197	684610.66	1123152.77
SM198	684609.3	1123325.97
SM199	684471.91	1123324.89
SM200	684471.08	1123430.52
SM201	682680.85	1122666.31
SM202	679609.21	1122655.58
SM203	679608.4	1122795.39
<b>S</b> 67	679156.18	1122792.76
MSM67	679162.2	1121757.79
PROCEED IN AN EASTERLY DIRECTION ALONG THE NORTHERN SIDE OF PENAL ROCK ROAD TO POINT MSM22b		
MSM22b	681296.67	1121473.63
PROCEED IN A SOUTHERLY DIRECTION ALONG THE EASTERN SIDE OF MOREAU ROCK ROAD TO POINT MSM22a		
MSM22a	681425.53	1120592.99
MSM22	681500.05	1120593.21

POINTS	WGS 198	4 UTM 20N
POINTS	EASTING	NORTHING
TR2	682153.82	1120598.5
TR3	682156.17	1120922.21
SM25	683344.8	1120924.5
SM26	683344.8	1121126.6
SM27	684050.3	1121126
TR7	684056.07	1121962.22
SM238d	684569.6	1121962.22
SM238c	684569.5	1121985
SM238b	684934.4	1121985
SM238a	684934.4	1121953.42
SM29	685181.88	1121953.7
TR9	685189.08	1122509.23
SM13c	686481.21	1122514.66
DIRECTI	ON ALONG TH	H EASTERLY IE NORTHERN
DIRECTI		IE NORTHERN
DIRECTI	ON ALONG TH OF ROCK RIVE	IE NORTHERN
DIRECTI SIDE C	ON ALONG TH DF ROCK RIVE SM13b	IE NORTHERN R TO POINT
DIRECTI SIDE C SM13b	ON ALONG TH DF ROCK RIVE SM13b 686622.4	IE NORTHERN R TO POINT 1122543.41
DIRECTI- SIDE C SM13b SM13Sa	ON ALONG TH DF ROCK RIVE SM13b 686622.4 686622.35	IE NORTHERN R TO POINT 1122543.41 1122515.25
DIRECTI SIDE C SM13b SM13Sa TR10	ON ALONG TH DF ROCK RIVE SM13b 686622.4 686622.35 687331.86	IE NORTHERN R TO POINT 1122543.41 1122515.25 1122518.69
DIRECTH SIDE C SM13b SM13Sa TR10 TR11	ON ALONG TH DF ROCK RIVE SM13b 686622.4 686622.35 687331.86 687338.86	HE NORTHERN R TO POINT 1122543.41 1122515.25 1122518.69 1125676.25
DIRECTI SIDE C SM13b SM13Sa TR10 TR11 TR12	ON ALONG TH DF ROCK RIVE SM13b 686622.4 686622.35 687331.86 687338.86 688164.86	HE NORTHERN R TO POINT 1122543.41 1122515.25 1122518.69 1125676.25 1125691.25
DIRECTH SIDE C SM13b SM13Sa TR10 TR11 TR12 TR13	ON ALONG TH DF ROCK RIVE SM13b 686622.4 686622.35 687331.86 687338.86 688164.86 688165.86	HE NORTHERN R TO POINT 1122543.41 1122515.25 1122518.69 1125676.25 1125691.25 1125505.25
DIRECTI SIDE C SM13b SM13Sa TR10 TR11 TR12 TR13 TR14	ON ALONG TH SM13b 686622.4 686622.35 687331.86 687338.86 688164.86 688165.86 691508.89	IE NORTHERN R TO POINT 1122543.41 1122515.25 1122518.69 1125676.25 1125691.25 1125505.25 1125523.26
DIRECTI SIDE C SM13b SM13Sa TR10 TR11 TR12 TR13 TR14 TR15	ON ALONG TH DF ROCK RIVE SM13b 686622.4 686622.35 687331.86 687338.86 688164.86 688165.86 691508.89 691531.89	HE NORTHERN R TO POINT 1122543.41 1122515.25 1122518.69 1125676.25 1125691.25 1125505.25 1125505.25 1125523.26 1123268.24
DIRECTI SIDE C SM13b SM13Sa TR10 TR11 TR12 TR13 TR14 TR15 TR16	ON ALONG TH SM13b 686622.4 686622.35 687331.86 687338.86 688164.86 688165.86 691508.89 691531.89 690152.88	HE NORTHERN R TO POINT 1122543.41 1122515.25 1122518.69 1125676.25 1125691.25 1125505.25 1125523.26 1123268.24 1123250.24

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## St. Mary's 2

POINTS	WGS 1984 UTM 20N	
FOINTS	Easting	Northing
MC81	679569.81	1117513.18
GCS36	679569.81	1116898.38
TR22	687144.86	1120381.21
TR23	687146.86	1120786.22
SM11a	686373.35	1120778.22
SM11b	686373.53	1120750.44
SM11c	685918.30	1120747.00
SM11d	685918.30	1120773.52
SM45	685288.92	1120767.01
SM12a	685289.65	1120647.00
SM12b	685823.65	1120646.15
SM12c	685823.63	1120471.47
SM12d	685293.30	1120471.90
SM12e	685293.30	1120137.70
SM12f	685032.05	1120137.70
SM46	685032.06	1120192.03
TR26	683213.97	1120168.21
TR27	683219.83	1119713.53
TR28	681602.38	1119696.53
PROCEED IN A SOUTH WESTERLY DIRECTION ALONG MONROE ROAD TO POINT MSM50		
MSM50	681057.82	1118565.15

#### St. Mary's 3

SC75

MC76

S75

**S76** 

673543.76

674208.30

674207.27

674151.34

1115811.17

1116078.60

1117630.84

1117630.55

DODITO	WGS 198	4 UTM 20N
POINTS	Easting	Northing
<b>S</b> 1	673556.89	1119114.86
S2	673996.80	1119117.17
<b>S</b> 3	674001.19	1118279.39
S4	674458.64	1118281.78
<b>S</b> 5	674452.82	1119392.42
<b>S</b> 6	674569.50	1119393.03
<b>S</b> 7	674570.41	1119219.63
S8	674580.47	1119219.68
89	674578.75	1119547.58
S10	674661.03	1119548.01
S11	674660.87	1119577.79
S12	674777.55	1119578.40
S13	674776.81	1119718.61
S14	674868.14	1119719.09
S15	674867.32	1119876.40
S16	674877.49	1119854.73
S17	674901.44	1119851.54
S18	674905.05	1119850.15
S19	674906.58	1119847.77
S20	674896.81	1119797.87
S21	674896.77	1119794.56
S22	674900.45	1119789.77
S23	674933.31	1119766.86
S24	674943.59	1119761.67
S25	674950.57	1119760.19
S26	674962.48	1119759.42
S27	674987.22	1119759.86
S28	675038.81	1119781.41
S29	675063.50	1119822.49
<b>S</b> 30	675091.00	1119880.79
S31	675112.62	1119878.29
S32	675132.67	1119912.40
\$33	675153.60	1119924.94
POINTS	WGS 198	4 UTM 20N
	Easting	Northing
U3	672662.00	1114736.30
U2	672669.75	1115677.16
0.075	(70540 71	1112011.17

POINTS	WGS 198	4 UTM 20N
POINTS	Easting	Northing
S34	675187.96	1119921.13
S35	675198.02	1119920.18
S36	675215.28	1119918.03
S37	675239.20	1119915.91
S38	675246.13	1119915.93
S39	675264.39	1119919.31
S40	675269.42	1119919.70
S41	675273.72	1119919.07
S42	675281.54	1119913.58
S43	675314.91	1119885.65
S44	675370.11	1119865.27
S45	675397.90	1119859.87
S46	675418.34	1119857.14
S47	675441.90	1119854.01
S48	675479.01	1119853.05
S49	675489.06	1119853.50
S50	675577.11	1119885.14
S51	675572.18	1120776.11
S52	674569.55	1120770.86
S53	674565.79	1121693.62
S54	674850.20	1121695.11
S55	674850.58	1121622.71
S56	675934.67	1121628.39
S57	676094.39	1121629.22
S58	676243.62	1121630.00
S59	676243.01	1121740.10
S60	676238.89	1122486.63
S61	676338.06	1122487.17
S62	676336.79	1122717.61
S63	676336.24	1122835.70
C20	676337.80	1122869.70
C21	667004.80	1119424.70
C22	667014.80	1116620.60

POINTS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
S77	674004.68	1117603.90
S78	673647.02	1117538.90
S79	673636.97	1117537.79
S80	673636.25	1117674.98
S81	673564.44	1117674.61

#### CIPERO

Cipero comprising approximately 12,110 hectares  $(121.1 \text{ km}^2)$  situated on the South-Central Area of Trinidad, in the Wards of Naparima, Ortoire, Charuma and Savana Grande delineated by the lines joining the points listed hereunder and shown in Schedule 2.

DODITO	WGS 19	84 UTM 20N
POINTS	Easting	Northing
J1	690606.80	1134821.50
J9	690590.10	1134811.50
J10	690590.10	1134025.60
J11	687628.93	1132658.62
J12	687629.00	1133036.00
J13	686602.35	1133017.07
J15	686596.10	1133656.30
J16	685811.90	1133653.63
J17	685804.63	1132651.80
J18	681995.99	1132659.53
J19	681963.64	1133328.37
J20	681425.47	1133370.06
J21	681237.74	1133270.23
C5	671550.43	1128114.66
E28	668853.00	1129717.66
J23	669432.17	1130270.34
J24	669865.55	1130651.68
J25	674141.95	1133204.41
J26	682650.69	1138286.96
J28	689019.57	1142082.50
J29	689683.70	1142082.50
J30	689683.70	1141824.60
J31	688860.65	1141824.60
J32	688860.65	1141539.30
J33	689063.30	1141539.30
J40	689063.25	1140952.20
J42	689397.80	1140952.20
J43	689397.80	1140512.40
J45	688624.25	1140512.40
J46	688624.25	1139833.90
J47	688941.40	1139833.90
J48	688941.35	1139720.30

POINTS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
J49	689408.20	1139720.30
J50	689408.15	1139433.80
J52	690307.30	1139433.80
J53	690307.25	1139574.90
J54	690665.30	1139574.90
J55	690665.25	1140020.70
J56	691076.30	1140020.70
J60	691076.25	1140518.60
J62	692085.60	1140518.60
J63	692496.75	1141300.30
J64	692734.50	1141300.30
J65	692734.50	1140369.20
J66	692495.15	1140369.20
J68	692495.15	1139801.90
J69	692636.90	1139801.90
J73	692636.85	1138763.10
J74	693495.70	1138763.10
J76	693495.65	1139940.90
J77	694011.70	1139940.90
J78	694011.70	1138472.80
J80	693199.25	1138472.80
J81	693199.30	1138174.40
A459	693570.15	1137931.00
J83a	693571.80	1137735.60
J83	693554.00	1137735.30
A320a	693560.90	1137553.69
J86	693577.90	1136589.83
J87	694160.84	1136937.46
J88	694160.95	1135658.30
J89	693151.00	1135652.00
J90	693150.95	1134821.50

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## CHARUMA

Charuma comprising approximately 29,455.35 hectares (294.55 km<sup>2</sup>) situated in the Central Area of Trinidad, in the Wards of Turure, Charuma, Naparima, Montserrat, Chaguanas, San Rafael, Tamana, San Fernando and Savana Grande, delineated by the lines joining the points listed hereunder and shown in Schedule 2. The said block is subdivided into two blocks, labelled, Charuma A and Charuma B.

#### CHARUMA A

POINTS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 1	687701.44	1141331.10
CHA 2	687574.44	1141331.10
CHA 3	687574.44	1141612.09
CHA 4	687529.25	1141612.09
CHA 5	687529.25	1141774.23
CHA 6	687427.65	1141774.23
CHA 7	687427.65	1141703.32
CHA 8	687318.64	1141703.32
CHA 9	687318.64	1141660.99
CHA 10	687157.78	1141660.99
CHA 11	687157.78	1141419.69
CHA 12	687061.47	1141419.69
CHA 13	687061.47	1141360.42
CHA 14	686964.10	1141360.42
CHA 15	686964.10	1141414.40
CHA 16	686666.71	1141414.40
CHA 17	686666.71	1141126.53
CHA 18	686513.25	1141126.53
CHA 19	686513.25	1141229.19
CHA 20	686313.22	1141229.19
CHA 21	686313.22	1141145.58
CHA 22	686095.21	1141145.58
CHA 23	686095.21	1141081.02
CHA 24	686057.11	1141081.02
CHA 25	686057.11	1141203.79

POINTS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 26	686030.65	1141203.79
CHA 27	686030.65	1141435.56
CHA 28	685638.01	1141435.56
CHA 29	685638.01	1141518.11
CHA 30	685662.35	1141518.11
CHA 31	685662.35	1141633.47
CHA 32	685610.49	1141633.47
CHA 33	685610.49	1141819.74
CHA 34	685493.01	1141819.74
CHA 35	685493.01	1141846.20
CHA 36	685375.54	1141846.20
CHA 37	685375.54	1141829.26
CHA 38	685308.86	1141829.26
CHA 39	685308.86	1141875.83
CHA 40	685289.81	1141875.83
CHA 41	685289.81	1142131.95
CHA 42	684900.35	1142131.95
CHA 43	684900.35	1142226.14
CHA 44	685923.23	1142226.14
CHA 45	685923.23	1142378.79
CHA 46	686511.26	1142378.79
CHA 47	686511.27	1142346.52
CHA 48	686562.2	1142346.52
CHA 49	686562.2	1142371.66
CHA 50	686805.27	1142371.66

DODITO	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 51	686805.27	1142608.97
CHA 52	686987.83	1142608.97
CHA 53	686987.83	1142494.67
CHA 54	687054.51	1142494.67
CHA 55	687054.51	1142372.44
CHA 56	687399.00	1142372.44
CHA 57	687399.00	1142481.97
CHA 58	687537.11	1142481.97
CHA 59	687537.11	1142293.06
CHA 60	687765.71	1142293.06
CHA 61	687765.71	1142943.94
CHA 62	688305.46	1142943.94
CHA 63	688305.46	1143431.35
CHA 64	687447.44	1143431.35
CHA 65	687447.44	1143332.13
CHA 66	687185.50	1143332.13
CHA 67	687185.50	1143058.28
CHA 68	686931.50	1143058.28
CHA 69	686931.50	1143376.00
CHA 70	688945.14	1145219.23
T6	688937.77	1146626.79
T5	689073.66	1146677.36
T4	689063.62	1148574.78
CHA 76	686982.89	1148563.87
CHA 77	686982.89	1148922.41
CHA 78	686116.38	1148922.41
CHA 79	686116.38	1149127.46
CHA 80	686592.63	1149127.46
CHA 81	686592.63	1149220.06
CHA 82	686797.69	1149220.06
CHA 83	686797.69	1149325.90
CHA 84	687637.79	1149325.90
CHA 85	687637.79	1149554.35
CHA 86	688239.67	1149554.35
CHA 87	688239.67	1149246.52
CHA 88	689431.69	1149246.52
CHA 89	689431.69	1150135.27

POINTS	WGS 1984 UTM 20N	
FOINTS	Easting	Northing
CHA 90	688828.44	1150135.27
CHA 91	688828.44	1150605.17
CHA 92	688504.59	1150605.17
CHA 93	688504.59	1150134.88
CHA 94	688240.31	1150134.88
CHA 95	688240.31	1150012.38
CHA 96	688045.05	1150012.38
CHA 97	688045.05	1150298.13
CHA 98	687838.67	1150298.13
CHA 99	687838.67	1150196.53
CHA 100	687584.67	1150196.53
CHA 101	687584.67	1150399.73
CHA 102	687175.10	1150399.73
CHA 103	687175.10	1150433.07
CHA 104	687381.47	1150433.07
CHA 105	687381.47	1150607.69
CHA 106	687552.92	1150607.69
CHA 107	687552.92	1150696.59
CHA 108	687654.52	1150696.59
CHA 109	687654.52	1150507.68
CHA 110	687583.08	1150507.68
CHA 111	687583.08	1150469.58
CHA 112	687916.46	1150469.58
CHA 113	687916.46	1150748.98
CHA 114	688018.06	1150748.98
CHA 115	688018.06	1150987.24
CHA 116	687939.61	1150987.24
CHA 117	687939.61	1151356.33
CHA 118	687495.11	1151356.33
CHA 119	687495.11	1151094.40
CHA 120	687201.42	1151094.40
CHA 121	687201.42	1151201.55
CHA 122	686935.51	1151201.55
CHA 123	686935.51	1151050.74
CHA 124	686760.89	1151050.74
CHA 125	686760.89	1150411.77
CHA 126	686491.01	1150411.77

DODITE	WGS 1984	4 UTM 20N
POINTS	Easting	Northing
CHA 127	686491.01	1150308.58
CHA 128	686304.48	1150308.58
CHA 129	686304.48	1150507.02
CHA 130	686233.04	1150507.02
CHA 131	686233.04	1150665.77
CHA 132	686086.20	1150665.77
CHA 133	686086.20	1150768.96
CHA 134	686316.39	1150768.96
CHA 135	686316.39	1150713.40
CHA 136	686522.76	1150713.40
CHA 137	686522.76	1150975.33
CHA 138	686336.23	1150975.33
CHA 139	686336.23	1151094.40
CHA 140	686491.01	1151094.40
CHA 141	686491.01	1151245.21
CHA 142	686288.61	1151245.21
CHA 143	686288.61	1151380.15
CHA 144	686074.29	1151380.15
CHA 145	686074.29	1151757.18
CHA 146	685963.17	1151757.18
CHA 147	685963.17	1151923.87
CHA 148	686189.39	1151923.87
CHA 149	686189.39	1151753.21
CHA 150	686435.45	1151753.21
CHA 151	686435.45	1151959.59
CHA 152	686538.64	1151959.59
CHA 153	686538.64	1152880.34
CHA 154	686772.80	1152880.34
CHA 155	686772.79	1153537.56
CHA 156	687540.35	1153537.56
CHA 157	687540.35	1154134.46
CHA 158	687737.20	1154134.46
CHA 159	687737.20	1154509.12
CHA 160	687819.75	1154509.12
CHA 161	687819.75	1154940.92
CHA 162	687661.00	1154940.92
CHA 163	687661.00	1155067.92

POINTS	WGS 1984	4 UTM 20N
POINTS	Easting	Northing
CHA 164	687927.70	1155067.92
CHA 165	687927.70	1154871.07
CHA 166	688029.30	1154871.07
CHA 167	688029.30	1154521.82
CHA 168	688219.80	1154521.82
CHA 169	688219.81	1153035.91
CHA 170	687210.15	1153035.91
CHA 171	687210.15	1152737.46
CHA 172	688708.76	1152737.46
CHA 173	688708.76	1151911.96
CHA 174	689013.56	1151911.96
CHA 175	689013.56	1152324.71
CHA 176	688816.71	1152324.71
CHA 177	688816.71	1152737.28
CHA 178	688816.71	1153023.63
CHA 179	688990.72	1153023.63
CHA 180	688990.72	1152646.59
CHA 181	689205.70	1152646.59
CHA 182	689205.70	1153055.98
CHA 183	688975.55	1153055.98
CHA 184	688975.55	1153542.81
CHA 185	688821.04	1153542.81
CHA 186	688821.04	1153690.98
CHA 187	688772.35	1153690.98
CHA 188	688772.35	1153794.69
CHA 189	688912.05	1153794.69
CHA 190	688912.05	1153746.01
CHA 191	689187.22	1153746.01
CHA 192	689187.22	1154222.26
CHA 193	689303.64	1154222.26
CHA 194	689303.64	1154419.11
CHA 195	689362.91	1154419.11
CHA 196	689362.91	1154635.80
CHA 197	689197.81	1154635.80
CHA 198	689197.81	1154933.46
CHA 199	688880.31	1154933.46
CHA 200	688880.31	1155085.60

POINTS	WGS 1984 UTM 20N	
TOINTS	Easting	Northing
CHA 201	689201.12	1155085.60
CHA 202	689201.12	1156901.96
CHA 203	688939.05	1156901.96
CHA 204	688939.05	1156491.33
CHA 205	688691.40	1156491.33
CHA 206	688691.40	1156620.45
CHA 207	688627.90	1156620.45
CHA 208	688627.90	1156351.63
CHA 209	688526.30	1156351.63
CHA 210	688526.30	1156192.88
CHA 211	688179.16	1156192.88
CHA 212	688179.16	1155828.81
CHA 213	687956.91	1155828.81
CHA 214	687956.91	1155473.21
CHA 215	687798.16	1155473.21
CHA 216	687798.16	1155407.59
CHA 217	687550.51	1155407.59
CHA 218	687550.51	1155443.58
CHA 219	687434.09	1155443.58
CHA 220	687434.09	1155358.91
CHA 221	687304.98	1155358.91
CHA 222	687304.98	1155538.83
CHA 223	687101.78	1155538.83
CHA 224	687101.78	1155318.69
CHA 225	686832.96	1155318.69
CHA 226	686832.96	1155460.51
CHA 227	686881.64	1155460.51
CHA 228	686881.64	1155519.78
CHA 229	686945.14	1155519.78
CHA 230	686945.14	1155606.56
CHA 231	686927.32	1155606.56
CHA 232	686927.32	1155909.38
CHA 233	686765.39	1155909.38
CHA 234	686765.39	1155785.56
CHA 235	686660.62	1155785.56
CHA 236	686660.62	1156235.62
CHA 237	686473.29	1156235.62

DODITO	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 238	686473.29	1156287.21
CHA 239	686551.08	1156287.21
CHA 240	686551.08	1156505.49
CHA 241	686262.15	1156505.49
CHA 242	686262.15	1156346.74
CHA 243	686108.17	1156346.74
CHA 244	686108.17	1156207.04
CHA 245	685905.76	1156207.04
CHA 246	685905.76	1156141.16
CHA 247	685699.65	1156141.16
CHA 248	685699.65	1156339.60
CHA 249	685527.40	1156339.60
CHA 250	685527.40	1156632.49
CHA 251	684860.65	1156632.49
CHA 252	684860.65	1156484.85
CHA 253	684666.98	1156484.85
CHA 254	684666.98	1156365.00
CHA 255	684520.93	1156365.00
CHA 256	684520.93	1156261.02
CHA 257	684286.77	1156261.02
CHA 258	684286.77	1156082.42
CHA 259	684522.51	1156082.42
CHA 260	684522.51	1155988.76
CHA 261	683614.46	1155988.76
CHA 262	683614.46	1156028.18
CHA 263	683546.39	1156028.18
CHA 264	683546.39	1156166.43
CHA 265	683723.66	1156166.43
CHA 266	683723.66	1156297.40
CHA 267	683668.09	1156297.40
CHA 268	683668.09	1156300.43
CHA 269	683812.29	1156357.96
CHA 270	683812.29	1156324.52
CHA 271	683960.46	1156324.52
CHA 272	683960.46	1156417.07
CHA 273	684185.36	1156506.79
CHA 274	684185.36	1156497.16

DODITO	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 275	684326.25	1156497.16
CHA 276	684326.25	1156563.00
CHA 277	684663.26	1156697.45
CHA 278	684784.58	1156697.45
CHA 279	684784.58	1156745.85
CHA 280	685305.25	1156953.56
CHA 281	685437.58	1156953.56
CHA 282	685437.58	1157006.36
CHA 283	685796.02	1157149.36
CHA 284	685949.81	1157149.36
CHA 285	685949.81	1157210.71
CHA 286	686796.48	1157548.49
CHA 287	686796.48	1157091.15
CHA 288	687126.68	1157091.15
CHA 289	687126.68	1157161.00
CHA 290	687172.19	1157161.00
CHA 291	687172.19	1157245.67
CHA 292	687161.61	1157245.67
CHA 293	687161.61	1157291.17
CHA 294	687123.51	1157291.17
CHA 295	687123.51	1157373.72
CHA 296	687110.81	1157373.72
CHA 297	687110.81	1157576.92
CHA 298	687299.19	1157576.92
CHA 299	687299.19	1157749.04
CHA 300	688133.17	1158081.75
CHA 301	688196.66	1158081.75
CHA 302	688196.66	1157846.80
CHA 303	688337.42	1157846.80
CHA 304	688337.42	1158132.55
CHA 305	688400.92	1158132.55
CHA 306	688400.92	1158188.57
CHA 307	688827.43	1158358.72
CHA 308	688827.43	1158332.58
CHA 309	688957.60	1158332.58
CHA 310	688957.60	1158409.83
CHA 311	689090.95	1158409.83

POINTS	WGS 1984 UTM 20N	
	Easting	Northing
CHA 312	689090.95	1158241.56
CHA 313	689248.64	1158241.56
CHA 314	689248.64	1158315.64
CHA 315	689466.66	1158315.64
CHA 316	689466.66	1157965.33
CHA 317	689583.08	1157965.33
CHA 318	689583.08	1157507.07
CHA 319	689668.80	1157507.07
CHA 320	689668.80	1157470.03
CHA 321	689735.48	1157470.03
CHA 322	689735.48	1157170.52
CHA 323	689815.91	1157170.52
CHA 324	689815.91	1156983.20
CHA 325	690755.71	1156983.20
CHA 326	690755.71	1156613.81
CHA 327	690760.29	1156613.81
CHA 328	690760.28	1156612.83
CHA 329	690847.62	1156613.81
CHA 330	691751.89	1156613.81
CHA 331	691751.89	1156775.02
CHA 332	691952.97	1156775.02
CHA 333	691952.97	1156796.18
CHA 334	692389.53	1156796.18
CHA 335	692389.53	1156999.91
CHA 336	693000.72	1156999.91
CHA 337	693000.72	1157420.60
CHA 338	693140.95	1157420.60
CHA 339	693140.95	1157235.39
CHA 340	693310.29	1157235.39
CHA 341	693310.29	1157142.79
CHA 342	693582.81	1157142.79
CHA 343	693582.81	1157219.52
CHA 344	693768.02	1157219.52
CHA 345	693768.02	1157306.83
CHA 346	693855.33	1157306.83
CHA 347	693855.33	1157375.62
CHA 348	693940.00	1157375.62

DODITO	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 349	693940.00	1157470.87
CHA 350	694220.45	1157470.87
CHA 351	694220.45	1157592.58
CHA 352	694339.52	1157592.58
CHA 353	694339.52	1157711.64
CHA 354	694299.83	1157711.64
CHA 355	694299.83	1157796.31
CHA 356	694405.66	1157796.31
CHA 357	694405.66	1157150.73
CHA 358	695183.54	1157150.73
CHA 359	695183.54	1157261.85
CHA 360	695889.98	1157261.85
CHA 361	695889.98	1157335.94
CHA 362	696106.94	1157335.94
CHA 363	696106.94	1157386.21
CHA 364	696495.88	1157386.21
CHA 365	696495.88	1157267.14
CHA 366	696649.33	1157267.14
CHA 367	696649.33	1157007.85
CHA 368	696961.54	1157007.85
CHA 369	696961.54	1156613.81
CHA 370	696975.32	1156613.81
CHA 371	696975.32	1156534.93
CHA 372	697383.86	1156534.93
CHA 373	697383.86	1157354.08
CHA 374	696983.81	1157354.08
CHA 375	696983.81	1157641.42
CHA 376	696796.48	1157641.42
CHA 377	696796.48	1158027.18
CHA 378	697014.63	1158027.18
CHA 379	697014.63	1158346.00
CHA 380	696780.48	1158346.00
CHA 381	696780.48	1158487.55
CHA 382	696912.77	1158487.55
CHA 383	696912.77	1158582.80
CHA 384	697202.49	1158582.80
CHA 385	697202.49	1158619.85

DODITO	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 386	697190.58	1158619.85
CHA 387	697190.58	1158668.79
CHA 388	697258.05	1158668.79
CHA 389	697258.05	1158625.14
CHA 390	697338.75	1158625.14
CHA 391	697338.75	1158463.74
CHA 392	697603.33	1158463.74
CHA 393	697603.33	1158652.92
CHA 394	697825.58	1158652.92
CHA 395	697825.58	1158443.90
CHA 396	698475.14	1158443.90
CHA 397	698475.14	1158197.83
CHA 398	698059.74	1158197.83
CHA 399	698059.74	1158113.17
CHA 400	697935.39	1158113.17
CHA 401	697935.39	1157886.95
CHA 402	698467.33	1157886.95
CHA 403	698467.33	1157771.33
CHA 404	698467.33	1157041.07
CHA 405	698617.62	1157041.07
CHA 406	698617.62	1156844.22
CHA 407	698842.91	1156844.22
CHA 408	698842.91	1157524.48
CHA 409	699208.03	1157524.48
CHA 410	699208.03	1157577.40
CHA 411	700015.02	1157577.40
CHA 412	700015.02	1158172.72
CHA 413	698793.30	1158172.72
CHA 414	698793.30	1158456.48
CHA 415	698829.94	1158456.48
CHA 416	698829.94	1158651.52
CHA 417	699052.19	1158651.52
CHA 418	699052.19	1158764.63
CHA 419	699150.75	1158764.63
CHA 420	699150.75	1158828.13
CHA 421	699390.86	1158828.13
CHA 422	699390.86	1158669.78

POINTS	WGS 1984 UTM 20N	
FOINTS	Easting	Northing
CHA 423	699510.45	1158669.78
CHA 424	699510.45	1158850.76
CHA 425	699398.27	1158850.76
CHA 426	699398.27	1159086.76
CHA 427	699555.96	1159086.76
CHA 428	699555.96	1159171.43
CHA 429	699833.25	1159171.43
CHA 430	699833.25	1159282.56
CHA 431	700097.83	1159282.56
CHA 432	700097.83	1159237.05
CHA 433	700118.47	1159237.05
CHA 434	700118.47	1158987.28
CHA 435	700366.98	1158987.28
CHA 436	700366.98	1159148.08
CHA 437	700737.66	1159148.08
CHA 438	700737.66	1159250.48
CHA 439	700871.01	1159250.48
CHA 440	700871.01	1159041.72
CHA 441	700548.75	1159041.72
CHA 442	700548.75	1158879.79
CHA 443	700637.57	1158879.79
CHA 444	700637.57	1158761.50
CHA 445	700937.87	1158761.50
CHA 446	700937.87	1158536.65
CHA 447	700659.50	1158536.65
CHA 448	700659.50	1158335.03
CHA 449	700749.99	1158335.03
CHA 450	700749.99	1158128.66
CHA 451	700986.26	1158128.66
CHA 452	700986.26	1157538.50
CHA 453	701813.88	1157538.50
CHA 454	701813.88	1157713.11
CHA 455	701534.18	1157713.11
CHA 456	701534.18	1157814.71
CHA 457	701516.72	1157814.71
CHA 458	701516.72	1157903.61
CHA 459	701722.30	1157903.61

	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 460	701722.3	1158093.32
CHA 460 CHA 461	701722.3	1158093.32
127 C Received State 100 Performance		
CHA 462	701664.36	1158390.18
CHA 463	701573.87	1158390.18
CHA 464	701573.87	1158534.64
CHA 465	701507.99	1158534.64
CHA 466	701507.99	1158728.32
CHA 467	701389.72	1158728.32
CHA 468	701389.72	1158874.37
CHA 469	701453.22	1158874.37
CHA 470	701453.22	1158972.00
CHA 471	701651.66	1158972.00
CHA 472	701651.66	1159177.00
CHA 473	700915.49	1159177.00
CHA 474	700915.49	1159328.97
CHA 475	700729.62	1159328.97
CHA 476	700729.62	1159314.42
CHA 477	700577.48	1159314.42
CHA 478	700577.48	1159383.87
CHA 479	700739.54	1159383.87
CHA 480	700739.54	1159461.26
CHA 481	700794.44	1159461.26
CHA 482	700794.44	1159477.14
CHA 483	701007.43	1159477.14
CHA 484	701007.43	1159514.97
CHA 485	701035.70	1159514.97
CHA 486	701035.70	1159551.22
CHA 487	701085.97	1159551.22
CHA 488	701085.97	1159615.78
CHA 489	700790.69	1159615.78
CHA 490	700790.70	1159776.12
CHA 491	700431.39	1159776.12
CHA 492	700431.39	1159942.28
CHA 493	701206.62	1159942.28
CHA 494	701206.62	1159977.20
CHA 495	701228.85	1159977.20
CHA 496	701228.85	1160022.71

FORN'ISEastingNorthingCHA 497701252.661160022.71CHA 498701252.661160115.31CHA 499701024.591160133.32CHA 500701024.591160233.32CHA 501701463.271160296.82CHA 502701463.271160296.82CHA 503701881.331160445.36CHA 504701881.331160445.36CHA 505701861.491160445.36CHA 506701861.491160578.98CHA 507702057.281160822.39CHA 508702205.451160822.39CHA 510702205.45116018.18CHA 511702284.821161018.18CHA 512702862.941161235.14CHA 513703425.18116695.52CHA 514703425.18116695.52CHA 515703131.491161695.52CHA 517703425.181162468.10CHA 520704035.041162137.22CHA 521704331.641162428.97CHA 523704331.641162428.97CHA 524704331.64116240.10CHA 525704688.831162540.10CHA 526704871.39116280.977CHA 527704871.39116280.977CHA 528705244.461162857.60CHA 531705093.641162857.60CHA 533706204.901163000.47CHA 533706204.901163000.47	POINTS	WGS 1984 UTM 20N	
CHA 498701252.661160115.31CHA 499701024.591160115.31CHA 500701024.591160233.32CHA 501701463.271160233.32CHA 502701463.271160296.82CHA 503701881.331160296.82CHA 504701881.331160445.36CHA 505701861.491160445.36CHA 506701861.491160578.98CHA 507702057.281160822.39CHA 508702205.451160822.39CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702862.941161235.14CHA 514702862.94116186.20CHA 515703131.491161695.52CHA 516703131.491161695.52CHA 517703425.181162468.10CHA 519704035.041162137.22CHA 520704331.64116248.97CHA 523704331.64116248.97CHA 524704331.64116248.97CHA 525704688.831162540.10CHA 526704688.831162540.10CHA 527704871.39116280.97CHA 520705244.461162516.28CHA 531705093.641162857.60CHA 532705093.641163000.47	101115	Easting	Northing
CHA 499701024.591160115.31CHA 500701024.591160233.32CHA 501701463.271160233.32CHA 502701463.271160296.82CHA 503701881.331160296.82CHA 504701881.331160445.36CHA 505701861.491160445.36CHA 506701861.491160578.98CHA 507702057.281160822.39CHA 508702205.451160822.39CHA 510702284.821161018.18CHA 511702284.821161018.18CHA 512702862.941161235.14CHA 514702862.941161235.14CHA 515703131.491161695.52CHA 516703131.491161695.52CHA 517703425.181162468.10CHA 520704035.041162137.22CHA 521704331.64116248.97CHA 523704331.64116248.97CHA 524704688.831162540.10CHA 525704688.83116280.97CHA 526704871.39116280.97CHA 527704871.391162857.60CHA 53170593.641162857.60CHA 53270593.641163000.47	CHA 497	701252.66	1160022.71
CHA 500701024.591160233.32CHA 501701463.271160233.32CHA 502701463.271160296.82CHA 503701881.33116045.36CHA 504701881.331160445.36CHA 505701861.491160445.36CHA 506701861.491160578.98CHA 507702057.281160822.39CHA 509702205.451160822.39CHA 510702284.821161018.18CHA 512702284.821161018.18CHA 513702862.941161235.14CHA 514703425.181161695.52CHA 515703131.491161695.52CHA 517703425.181162468.10CHA 520704035.041162137.22CHA 521704450.701162428.97CHA 524704331.641162428.97CHA 525704688.831162540.10CHA 526704871.39116280.97CHA 527704871.39116280.97CHA 528705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 498	701252.66	1160115.31
CHA 501701463.271160233.32CHA 502701463.271160296.82CHA 503701881.331160296.82CHA 504701881.331160445.36CHA 505701861.491160445.36CHA 506701861.491160578.98CHA 507702057.281160822.39CHA 509702205.451160822.39CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702862.941161235.14CHA 514702862.941161186.20CHA 515703131.491161695.52CHA 517703425.18116695.52CHA 51870435.041162468.10CHA 520704035.041162137.22CHA 521704331.64116248.97CHA 525704688.831162540.10CHA 526704688.83116289.97CHA 527704871.39116280.97CHA 528705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 499	701024.59	1160115.31
CHA 502701463.271160296.82CHA 503701881.331160296.82CHA 504701881.331160445.36CHA 505701861.491160445.36CHA 506701861.491160578.98CHA 507702057.281160822.39CHA 509702205.451160822.39CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702284.821161018.18CHA 513702862.941161235.14CHA 514702862.941161186.20CHA 515703131.491161695.52CHA 517703425.18116695.52CHA 519704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162428.97CHA 523704331.641162540.10CHA 525704688.831162540.10CHA 526704688.83116289.97CHA 527704871.391162809.97CHA 528705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 500	701024.59	1160233.32
CHA 503701881.331160296.82CHA 504701881.331160445.36CHA 505701861.491160445.36CHA 506701861.491160578.98CHA 507702057.281160578.98CHA 509702205.451160822.39CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702284.821161018.18CHA 513702862.941161235.14CHA 514702862.941161186.20CHA 515703131.491161695.52CHA 517703425.181162468.10CHA 519704035.041162137.22CHA 520704331.64116248.97CHA 523704331.641162428.97CHA 525704688.831162540.10CHA 526704688.831162540.10CHA 527704871.391162809.97CHA 528705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 501	701463.27	1160233.32
CHA 504701881.331160445.36CHA 505701861.491160445.36CHA 506701861.491160578.98CHA 507702057.281160822.39CHA 509702205.451160822.39CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702862.941161235.14CHA 515703131.491161695.52CHA 516703131.491161695.52CHA 517703425.181162468.10CHA 519704035.041162137.22CHA 520704450.701162137.22CHA 523704331.64116248.97CHA 524704688.831162540.10CHA 527704871.39116280.97CHA 528705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 502	701463.27	1160296.82
CHA 505701861.491160445.36CHA 506701861.491160578.98CHA 507702057.281160578.98CHA 508702057.281160822.39CHA 509702205.451160822.39CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702284.821161235.14CHA 513702862.941161235.14CHA 514702862.94116186.20CHA 515703131.491161695.52CHA 516703131.491161695.52CHA 517703425.181162468.10CHA 519704035.041162137.22CHA 52070435.041162137.22CHA 521704450.701162428.97CHA 523704331.641162428.97CHA 524704688.831162540.10CHA 525704688.831162540.10CHA 526704871.391162809.97CHA 528705244.461162857.60CHA 531705093.641163000.47	CHA 503	701881.33	1160296.82
CHA 506701861.491160578.98CHA 507702057.281160578.98CHA 508702057.281160822.39CHA 509702205.451160822.39CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702284.821161235.14CHA 513702862.941161235.14CHA 514702862.94116186.20CHA 515703131.491161695.52CHA 516703131.491161695.52CHA 517703425.181162468.10CHA 519704035.041162137.22CHA 52070435.041162137.22CHA 521704450.701162428.97CHA 523704331.641162450.10CHA 524704688.831162540.10CHA 525704688.831162540.10CHA 526704871.391162809.97CHA 527705244.461162857.60CHA 530705244.461162857.60CHA 532705093.641163000.47	CHA 504	701881.33	1160445.36
CHA 507702057.281160578.98CHA 508702057.281160822.39CHA 509702205.451160822.39CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702284.821161235.14CHA 513702862.941161235.14CHA 514702862.941161186.20CHA 515703131.491161695.52CHA 516703131.491161695.52CHA 517703425.181162468.10CHA 519704035.041162437.22CHA 5207044035.041162137.22CHA 521704450.701162428.97CHA 523704331.641162428.97CHA 524704331.641162540.10CHA 525704688.831162540.10CHA 527704871.391162809.97CHA 528705244.461162857.60CHA 530705244.461162857.60CHA 532705093.641163000.47	CHA 505	701861.49	1160445.36
CHA 508702057.281160822.39CHA 509702205.451160822.39CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702284.821161235.14CHA 513702862.941161235.14CHA 514702862.941161186.20CHA 515703131.491161186.20CHA 516703131.491161695.52CHA 516703425.18116695.52CHA 517704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162428.97CHA 523704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162540.10CHA 527704871.391162809.97CHA 528705244.461162516.28CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 506	701861.49	1160578.98
CHA 509702205.451160822.39CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702284.821161018.18CHA 513702862.941161235.14CHA 514702862.941161186.20CHA 515703131.491161186.20CHA 516703131.491161695.52CHA 517703425.18116695.52CHA 518703425.181162468.10CHA 519704035.041162137.22CHA 520704035.041162137.22CHA 521704450.701162428.97CHA 523704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 528705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 507	702057.28	1160578.98
CHA 510702205.451161018.18CHA 511702284.821161018.18CHA 512702284.821161235.14CHA 513702862.941161235.14CHA 514702862.941161186.20CHA 515703131.491161186.20CHA 516703131.491161695.52CHA 517703425.18116695.52CHA 519704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162137.22CHA 523704331.641162428.97CHA 524704688.831162540.10CHA 525704688.831162540.10CHA 527704871.391162809.97CHA 528705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 508	702057.28	1160822.39
CHA 511702284.821161018.18CHA 512702284.821161235.14CHA 513702862.941161235.14CHA 514702862.941161186.20CHA 515703131.491161186.20CHA 516703131.491161695.52CHA 517703425.181161695.52CHA 518703425.181162468.10CHA 519704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162428.97CHA 523704331.641162428.97CHA 524704688.831162540.10CHA 525704688.831162540.10CHA 527704871.391162809.97CHA 528705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 509	702205.45	1160822.39
CHA 512702284.821161235.14CHA 513702862.941161235.14CHA 514702862.941161186.20CHA 515703131.491161186.20CHA 515703131.491161695.52CHA 516703131.491161695.52CHA 517703425.181161695.52CHA 518703425.181162468.10CHA 519704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162137.22CHA 522704450.701162428.97CHA 523704331.641162428.97CHA 524704688.831162540.10CHA 525704688.831162540.10CHA 527704871.391162809.97CHA 528705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 510	702205.45	1161018.18
CHA 513702862.941161235.14CHA 514702862.941161186.20CHA 515703131.491161186.20CHA 516703131.491161695.52CHA 516703131.491161695.52CHA 517703425.181161695.52CHA 518703425.181162468.10CHA 519704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162137.22CHA 522704450.701162428.97CHA 523704331.641162428.97CHA 524704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 511	702284.82	1161018.18
CHA 514702862.941161186.20CHA 515703131.491161186.20CHA 516703131.491161695.52CHA 517703425.181161695.52CHA 518703425.181162468.10CHA 519704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162137.22CHA 522704450.701162428.97CHA 523704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 512	702284.82	1161235.14
CHA 515703131.491161186.20CHA 516703131.491161695.52CHA 517703425.181161695.52CHA 518703425.181161695.52CHA 519704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162137.22CHA 522704450.701162428.97CHA 523704331.641162428.97CHA 524704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 513	702862.94	1161235.14
CHA 516703131.491161695.52CHA 517703425.181161695.52CHA 517703425.181161695.52CHA 518703425.181162468.10CHA 519704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162137.22CHA 522704450.701162428.97CHA 523704331.641162428.97CHA 524704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 514	702862.94	1161186.20
CHA 517703425.181161695.52CHA 518703425.181162468.10CHA 519704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162137.22CHA 522704450.701162428.97CHA 523704331.641162428.97CHA 524704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 515	703131.49	1161186.20
CHA 518703425.181162468.10CHA 519704035.041162468.10CHA 519704035.041162137.22CHA 521704450.701162137.22CHA 522704450.701162428.97CHA 523704331.641162428.97CHA 524704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 528705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 516	703131.49	1161695.52
CHA 519704035.041162468.10CHA 520704035.041162137.22CHA 521704450.701162137.22CHA 522704450.701162428.97CHA 523704331.641162428.97CHA 524704331.641162428.97CHA 525704688.831162540.10CHA 526704688.831162540.10CHA 527704688.831162809.97CHA 528704871.391162809.97CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 517	703425.18	1161695.52
CHA 520704035.041162137.22CHA 521704450.701162137.22CHA 522704450.701162428.97CHA 523704331.641162428.97CHA 524704331.641162428.97CHA 525704688.831162540.10CHA 526704688.831162540.10CHA 527704688.831162809.97CHA 528704871.391162809.97CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 518	703425.18	1162468.10
CHA 521704450.701162137.22CHA 522704450.701162428.97CHA 523704331.641162428.97CHA 524704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 528705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641163000.47	CHA 519	704035.04	1162468.10
CHA 522704450.701162428.97CHA 523704331.641162428.97CHA 524704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 528704871.391162516.28CHA 529705244.461162516.28CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 520	704035.04	1162137.22
CHA 523704331.641162428.97CHA 524704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 528704871.391162516.28CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 521	704450.70	1162137.22
CHA 524704331.641162540.10CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 528704871.391162516.28CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 522	704450.70	1162428.97
CHA 525704688.831162540.10CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 528704871.391162516.28CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 523	704331.64	1162428.97
CHA 526704688.831162809.97CHA 527704871.391162809.97CHA 528704871.391162516.28CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 524	704331.64	1162540.10
CHA 527704871.391162809.97CHA 528704871.391162516.28CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 525	704688.83	1162540.10
CHA 528704871.391162516.28CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 526	704688.83	1162809.97
CHA 529705244.461162516.28CHA 530705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 527	704871.39	1162809.97
CHA 530705244.461162857.60CHA 531705093.641162857.60CHA 532705093.641163000.47		704871.39	1162516.28
CHA 531705093.641162857.60CHA 532705093.641163000.47	CHA 529	705244.46	1162516.28
CHA 532 705093.64 1163000.47	CHA 530	705244.46	1162857.60
	CHA 531	705093.64	1162857.60
CHA 533 706204.90 1163000.47	CHA 532	705093.64	1163000.47
	CHA 533	706204.90	1163000.47

DODITE	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 534	706204.90	1163135.41
CHA 535	706323.96	1163135.41
CHA 536	706323.96	1163294.16
CHA 537	707133.58	1163294.16
CHA 538	707133.59	1162770.28
CHA 539	707371.71	1162770.28
CHA 540	707371.71	1162921.10
CHA 541	707990.84	1162921.10
CHA 542	707990.84	1162738.53
CHA 543	708094.02	1162738.53
CHA 544	708094.02	1162389.28
CHA 545	708228.96	1162389.28
CHA 546	708228.96	1162055.91
CHA 547	708371.84	1162055.91
CHA 548	708371.84	1161849.53
CHA 549	708903.65	1161849.53
CHA 550	708903.65	1161135.16
CHA 551	708537.54	1161135.16
CHA 552	708537.54	1161297.87
CHA 553	708308.94	1161297.87
CHA 554	708308.94	1161120.07
CHA 555	707910.47	1161120.07
CHA 556	707910.47	1161027.99
CHA 557	707773.95	1161027.99
CHA 558	707773.95	1160515.23
CHA 559	707815.22	1160515.23
CHA 560	707815.22	1160431.09
CHA 561	707896.19	1160431.09
CHA 562	707896.19	1160372.35
CHA 563	707964.45	1160372.35
CHA 564	707964.45	1160273.93
CHA 565	708343.86	1160273.93
CHA 566	708343.86	1160158.04
CHA 567	707993.02	1160158.04
CHA 568	707993.02	1159977.06
CHA 569	707937.46	1159977.06
CHA 570	707937.46	1159791.33

DODITS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 571	708288.30	1159791.33
CHA 572	708288.30	1159592.89
CHA 573	707840.62	1159592.89
CHA 574	707840.62	1159381.75
CHA 575	708288.30	1159381.75
CHA 576	708288.30	1159283.32
CHA 577	708472.45	1159283.32
CHA 578	708472.45	1159434.14
CHA 579	708642.58	1159434.14
CHA 580	708642.58	1159136.93
CHA 581	708942.17	1159136.93
CHA 582	708942.17	1158793.80
CHA 583	709605.75	1158793.80
CHA 584	709605.75	1159185.38
CHA 585	709910.55	1159185.38
CHA 586	709910.55	1158821.32
CHA 587	710197.53	1158821.32
CHA 588	710197.53	1158640.13
CHA 589	710395.97	1158640.13
CHA 590	710395.97	1158838.57
CHA 591	710451.53	1158838.57
CHA 592	710451.53	1158981.44
CHA 593	710618.22	1158981.44
CHA 594	710618.22	1159418.01
CHA 595	711078.59	1159418.01
CHA 596	711078.59	1158965.57
CHA 597	711388.16	1158965.57
CHA 598	711388.16	1158743.32
CHA 599	711165.91	1158743.32
CHA 600	711165.91	1158116.25
CHA 601	710903.97	1158116.25
CHA 602	710903.97	1157878.13
CHA 603	710546.78	1157878.13
CHA 604	710546.78	1157743.19
CHA 605	709872.09	1157743.19
CHA 606	709872.09	1156973.25
CHA 607	709697.47	1156973.25

DODITS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 608	709697.47	1156370.00
CHA 609	709125.96	1156370.00
CHA 610	709125.96	1155822.31
CHA 611	708363.96	1155822.31
CHA 612	708363.96	1157218.69
CHA 613	708056.98	1157218.69
CHA 614	708056.98	1156878.00
CHA 615	708181.34	1156878.00
CHA 616	708181.34	1156179.50
CHA 617	707332.02	1156179.50
CHA 618	707332.02	1155970.48
CHA 619	708137.63	1155970.48
CHA 620	708137.63	1155381.20
CHA 621	707970.94	1155381.20
CHA 622	707970.94	1154801.76
CHA 623	708407.50	1154801.76
CHA 624	708407.50	1154666.82
CHA 625	708677.38	1154666.82
CHA 626	708677.38	1154452.51
CHA 627	707859.81	1154452.51
CHA 628	707859.81	1154023.88
CHA 629	707693.13	1154023.88
CHA 630	707693.13	1153515.88
CHA 631	707574.06	1153515.88
CHA 632	707574.06	1153055.51
CHA 633	707375.63	1153055.51
CHA 634	707375.63	1152819.99
CHA 635	706741.27	1152819.99
CHA 636	706741.27	1152472.72
CHA 637	704882.00	1152472.72
CHA 638	704882.00	1151195.53
CHA 639	704831.24	1151195.53
CHA 640	704831.24	1150945.50
CHA 641	703185.19	1150945.50
CHA 642	703185.19	1153308.04
CHA 643	704117.42	1153308.04
CHA 644	704117.42	1153437.88

DODITO	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 645	703526.51	1153437.88
CHA 646	703526.51	1154207.82
CHA 647	703185.19	1154207.82
CHA 648	703185.19	1153437.88
CHA 649	702970.95	1153437.88
CHA 650	702970.95	1152651.48
CHA 651	702359.28	1152651.48
CHA 652	702359.28	1152518.17
CHA 653	702425.96	1152518.17
CHA 654	702425.96	1152371.32
CHA 655	702550.58	1152371.32
CHA 656	702550.58	1152576.14
CHA 657	702970.95	1152576.14
CHA 658	702970.95	1151026.58
CHA 659	702545.88	1151026.58
CHA 660	702545.88	1151137.71
CHA 661	702403.01	1151137.71
CHA 662	702403.01	1151296.46
CHA 663	701514.01	1151296.46
CHA 664	701514.01	1151486.96
CHA 665	701174.73	1151486.96
CHA 666	701174.73	1151258.51
CHA 667	702349.48	1151258.51
CHA 668	702349.48	1150623.51
CHA 669	702666.98	1150623.51
CHA 670	702666.98	1150750.51
CHA 671	703182.92	1150750.51
CHA 672	703182.92	1150472.70
CHA 673	703040.04	1150472.70
CHA 674	703040.04	1150052.01
CHA 675	702754.29	1150052.01
CHA 676	702754.29	1150242.51
CHA 677	702516.17	1150242.51
CHA 678	702516.17	1150004.39
CHA 679	700873.10	1150004.39
CHA 680	700873.10	1149742.45
CHA 681	700492.10	1149742.45
CHA 681	700492.10	1149742.45

DODITS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHA 682	700492.10	1149948.82
CHA 683	699626.91	1149948.82
CHA 684	699626.91	1150074.93
CHA 685	698340.73	1150074.93
CHA 686	698340.73	1149529.22
CHA 687	697017.81	1149529.22
CHA 688	697017.81	1148322.06
CHA 689	697761.96	1148322.06
CHA 690	697761.96	1148619.72
CHA 691	698754.15	1148619.72
CHA 692	698754.15	1148155.65
CHA 693	689387.08	1142113.84
CHA 694	689387.08	1142193.28
CHA 695	689072.92	1142193.28
CHA 696	689072.92	1142867.97
CHA 697	689197.66	1142867.97
CHA 698	689197.66	1143677.41
CHA 699	689038.91	1143677.41
CHA 700	689038.91	1143431.35
CHA 701	688965.32	1143431.35
CHA 702	688965.32	1142684.74
CHA 703	688702.85	1142684.74
CHA 704	688702.85	1142494.45
CHA 705	688965.32	1142494.45
CHA 706	688965.32	1142108.65
CHA 707	688668.23	1142108.65
CHA 708	688668.23	1142193.91
CHA 709	688358.67	1142193.91
CHA 710	688358.67	1142108.19
CHA 711	688317.39	1142108.19
CHA 712	688317.39	1142031.99
CHA 713	688045.93	1142031.99
CHA 714	688045.93	1141898.64
CHA 715	687814.16	1141898.64
CHA 716	687814.16	1141733.54
CHA 717	687701.44	1141733.54

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Charuma B

POINTS	WGS 1984	4 UTM 20N
POINTS	Easting	Northing
CHB 1	677550.34	1142021.50
CHB 2	677550.34	1141455.95
CHB 3	677214.30	1141455.95
CHB 4	677214.30	1140952.78
CHB 5	678521.99	1140952.78
CHB 6	678521.99	1140036.18
CHB 7	679328.60	1140036.18
CHB 8	679328.60	1139583.99
CHB 9	681479.57	1139583.99
CHB 10	681479.57	1138286.96
CHB 12	682650.72	1138286.96
CHB 13	674141.99	1133204.41
CHB 15	671036.49	1133204.42
CHB 16	671036.45	1133371.50
CHB 17	670989.89	1133371.50
CHB 18	670989.89	1133576.03
CHB 19	671036.47	1133576.03
CHB 20	671036.47	1133652.23
CHB 21	671244.15	1133652.23
CHB 22	671244.15	1133930.04
CHB 23	671067.68	1133930.04
CHB 24	671067.68	1134104.72
CHB 25	670617.88	1134104.72
CHB 26	670617.88	1134213.86
CHB 27	670469.05	1134213.86
CHB 28	670469.05	1134590.89
CHB 29	670093.59	1134590.89
CHB 30	670093.59	1134739.06
CHB 31	669762.48	1134739.06
CHB 32	669762.48	1133903.36
CHB 33	670066.89	1133903.36
CHB 34	670066.89	1134062.11
CHB 35	670334.30	1134062.11
CHB 36	670334.30	1133669.20
CHB 37	670610.08	1133669.20
CHB 38	670610.08	1133541.85

POINTS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHB 39	670679.23	1133541.85
CHB 40	670679.23	1133372.52
CHB 41	670903.59	1133372.52
CHB 42	670903.59	1133203.18
CHB 43	670610.08	1133203.18
CHB 44	670610.08	1132832.69
CHB 45	670197.63	1132832.69
CHB 46	670197.63	1132904.12
CHB 47	670043.45	1132904.12
CHB 48	670043.45	1132957.04
CHB 49	669929.24	1132957.04
CHB 50	669929.24	1132990.11
CHB 51	669857.85	1132990.11
CHB 52	669857.85	1133026.66
CHB 53	669791.19	1133026.66
CHB 54	669791.19	1133169.53
CHB 55	669640.85	1133169.53
CHB 56	669640.85	1133359.83
CHB 57	669530.58	1133359.83
CHB 58	669530.58	1133483.12
CHB 59	669459.14	1133483.12
CHB 60	669459.14	1133661.19
CHB 61	669355.95	1133661.19
CHB 62	669355.95	1133875.97
CHB 63	669240.86	1133875.97
CHB 64	669240.86	1134051.66
CHB 65	669129.69	1134051.66
CHB 66	669129.69	1134309.77
CHB 67	668980.12	1134309.77
CHB 68	668980.12	1134561.12
CHB 69	668834.47	1134561.12
CHB 70	668834.47	1135194.01
CHB 71	668951.00	1135194.01
CHB 72	668951.00	1135468.05
CHB 73	669140.16	1135468.05
CHB 74	669140.16	1136084.60

POINTS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
CHB 75	669500.28	1136084.60
CHB 76	669500.28	1136552.91
CHB 77	669352.11	1136552.91
CHB 78	669352.11	1137127.27
CHB 79	669780.74	1137127.27
CHB 80	669780.74	1135756.24
CHB 81	671429.35	1135756.24
CHB 82	671429.35	1134871.35
CHB 83	672447.96	1134871.35
CHB 84	672447.96	1135360.50
CHB 85	672231.04	1135360.50
CHB 86	672231.04	1135426.98
CHB 87	672139.76	1135426.98
CHB 88	672139.76	1135546.04
CHB 89	671945.29	1135546.04
CHB 90	671945.29	1135776.23
CHB 91	671802.42	1135776.23
CHB 92	671802.42	1136340.47
CHB 93	671234.88	1136340.47
CHB 94	671234.88	1136516.41
CHB 95	671044.23	1136516.41
CHB 96	671044.23	1136404.34
CHB 97	670605.95	1136404.34
CHB 98	670605.95	1137014.47
CHB 99	670441.91	1137014.47
CHB 100	670441.91	1137319.27
CHB 101	670552.50	1137319.27
CHB 102	670552.50	1137412.18

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## SCHEDULE 1-CONTINUED

WGS 1984 UTM		4 UTM 20N
POINTS	Easting	Northing
CHB 103	670455.67	1137412.18
CHB 104	670455.67	1137700.15
CHB 105	670659.22	1137700.15
CHB 106	670659.22	1137649.47
CHB 107	670838.02	1137649.47
CHB 108	670838.02	1137802.51
CHB 109	670920.57	1137802.51
CHB 110	670920.57	1137923.43
CHB 111	670996.77	1137923.43
CHB 112	670996.77	1138036.16
CHB 113	671057.09	1138036.16
CHB 114	671057.09	1138118.85
CHB 115	671115.82	1138118.85
CHB 116	671115.82	1138508.50
CHB 117	671922.44	1138508.50
CHB 118	671922.44	1139107.35
CHB 119	672594.61	1139107.35
CHB 120	672594.61	1138862.92
CHB 121	673547.88	1138862.92
CHB 122	673547.88	1139376.22
CHB 123	674378.94	1139376.22
CHB 124	674378.94	1138936.25
CHB 125	675698.85	1138936.25
CHB 126	675698.85	1141965.27
CHB 127	676290.26	1141965.27
CHB 128	676290.26	1141612.74
CHB 129	676915.34	1141612.74
CHB 130	676915.34	1142021.50

## TULSA

Tulsa comprising approximately 4,673.39 hectares (46.73 km<sup>2</sup>) situated on the South Western Area of Trinidad, in the Wards of Siparia and Naparima delineated by the lines joining the points listed hereunder and shown in Schedule 2.

POINTS	WGS 1984 UTM 20N		
	EASTING	NORTHING	
C38	662535.19	1123875.73	
C37	664065.26	1123875.732	
SF41	664065.26	1124702.109	
SF42	664228.68	1124603.27	
SF1	664447.54	1124952.64	
SF2	664524.3	1124909.66	
SF3	664568.89	1124980.71	
SF4	664401.22	1125087.25	
SF5	664347.53	1125016.2	
SF6	664247.64	1125081.43	
SF7	664139.43	1124902.22	
SF8	664065.26	1124946.916	
C36	664065.26	1126012.3	
C35	664359.69	1126012.302	
C34	664359.69	1127417	
C33	664687.17	1127417.002	
C32	664687.17	1128417	
C31	663687.37	1128417	
C30	663687.37	1127558.392	
C29	663359.89	1127558.39	
C28	663359.89	1126179.622	
SF9	663198.5436	1126179.62	
SF10	663197.22	1126393.58	
SF11	663084.9	1126393.58	
SF12	663084.07	1126387.81	

POINTS	WGS 1984 UTM 20N	
	EASTING	NORTHING
SF13	662881.8	1126387.81
SF14	662881.8	1126421.64
SF15	662520.12	1126421.64
SF16	662520.12	1126591.81
SF17	662238.48	1126591.81
SF18	662237.64	1126609.11
SF19	662551.46	1126609.11
SF20	662551.46	1126670.23
SF21	661580.35	1126667.73
SF22	661580.35	1126627.3
SF23	661690.16	1126627.3
SF24	661690.16	1126406.78
SF25	661576.19	1126406.78
SF26	661576.19	1126421.64
SF27	661510.13	1126421.64
SF28	661510.13	1126459.64
SF29	661510.13	1126671.9
SF30	661320.22	1126671.9
SF31	661320.22	1126548.82
SF32	661106.36	1126548.82
SF33	661106.36	1126412.6
SF34	661174.85	1126340.78
SF35	661194.71	1126340.78
SF36	661194.71	1126277.99
SF37	661401.98	1126277.99
SF38	661401.98	1126268.07

DODITO	WGS 1984 UTM 20N	
POINTS	EASTING	NORTHING
SF39	661406.08	1126268.07
SF40	661406.08	1126179.62
C27	660076.49	1126179.622
D10	660076.49	1127955.94
C26	660020.22	1127955.941
E29	665040.2811	1129704.46
E28	668853.0048	1129717.66
C5	671550.4273	1128114.657
C52	671550.3	1126608.832
C51	669277.33	1126583.46
C50	669277.33	1125659.732
C49	668532.16	1125659.73

SCHEDULE 1-CONTINUED

DODITO	WGS 1984 UTM 20N	
POINTS	EASTING	NORTHING
C48	668532.16	1125364.142
C47	668006.24	1125364.14
C46	668006.24	1125180.562
C45	666745.25	1125180.56
C44	666745.25	1124061.812
C43	665434.62	1124061.81
C42	665433.98	1121266.962
C41	661861.26	1121266.702
C40	661861.26	1123121.16
C39	662535.19	1123121.162

#### ARIPERO

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Aripero comprising approximately 2,263.21 hectares (22.63 km<sup>2</sup>) situated in the South Western Area of Trinidad, in the Wards of La Brea, Siparia and Naparima, delineated by the lines joining the points listed hereunder and shown in Schedule 2.

DODITO	WGS 1984 UTM 20N		
POINTS -	Easting	Northing	
D1	654540.04	1132355.68	
D2	654540.04	1131911.51	
D3	654205.75	1131911.51	
D4	654205.75	1128453.94	
D5	656159.70	1128453.94	
D6	656159.70	1128296.85	
D7	658984.68	1128296.86	
D8	658984.68	1128169.12	
D9	660020.22	1128169.12	
D10	660020.22	1127955.94	
E29	665040.28	1129704.46	
E30	660130.13	1129676.02	
E31	660162.03	1130292.13	
E32	659944.33	1130490.93	
E33	659965.33	1130818.34	
E34	660212.68	1131240.37	

## **BUENOS AYRES**

Buenos Ayres comprising approximately 4,105.97 hectares ( $41.06 \text{ km}^2$ ) situated in the South Western Area of Trinidad, in the Wards of La Brea, Cedros and Erin, delineated by the lines joining the points listed hereunder and shown in Schedule 2.

POINTS	WGS 198	4 UTM 20N
POINTS	Easting	Northing
SW12	641715.70	1121491.00
SW11	642067.90	1121491.00
SW10	642067.90	1119995.60
SW9	642921.00	1119814.00
SW8	643879.30	1117432.70
SW7	644768.70	1116231.20
SW6	644932.10	1115250.40
SW5	645483.80	1114618.10
EB10	647479.57	1112968.88
PROCEED IN A SOUTH EASTERLY DIRECTION ALONG THE HIGH- WATER MARK TO POINT A4		
A4	649883.63	1112193.00
A5	649884.36	1112666.59
A6	649810.36	1112668.59
A7	649808.37	1112983.59
A8	649673.36	1112983.59
A9	649672.37	1113186.59
A10	649468.36	1113186.59
A11	649469.36	1113077.59
A12	649038.35	1113077.59
A13	648608.32	1113091.81
A14	647869.14	1113090.02
A15	647869.14	1114340.61
A16	647831.34	1114340.61
A17	647391.08	1114355.15
A18	647391.06	1114344.43
A19	647294.99	1114307.61
A20	647349.33	1114219.61
A21	647263.33	1114101.61
A22	647094.33	1114110.61

POINTS	WGS 1984 UTM 20N	
FOINTS	Easting	Northing
A23	646943.95	1114219.12
A24	646916.10	1114184.74
A25	646856.33	1114209.61
A26	646874.33	1114624.61
A27	646761.32	1114631.61
A28	646795.33	1115369.62
A29	646696.32	1115374.62
A30	646723.32	1115898.63
A31	646938.33	1115892.63
A32	646933.33	1115785.63
A33	647149.33	1115776.63
A34	647157.33	1116073.63
A35	647059.33	1116075.63
A36	647062.33	1116115.63
A37	647071.33	1116115.63
A38	647065.33	1116387.64
A39	647254.33	1116383.64
A40	647252.33	1116225.65
A41	647358.33	1116258.65
A42	647324.33	1116258.65
A43	647324.33	1116420.64
A44	647475.33	1116420.64
A45	647475.33	1116527.64
A46	647626.34	1116527.64
A47	647625.34	1116850.64
A48	647962.34	1116851.64
A49	647962.34	1116916.64
A50	648258.36	1116917.64
A51	648258.35	1117194.65
A52	649229.27	1117241.80
A53	649229.96	1118784.72

POINTS	WGS 1984 UTM 20N		
	Easting	Northing	
A54	648118.93	1118793.07	
A55	648113.51	1120266.84	
A56	647747.91	1120266.84	
A57	647742.07	1122142.51	
A58	645362.53	1122138.68	
A59	645364.77	1122722.08	
A60	644727.46	1122722.08	

SCHEDULE 1-CONTINUED

POINTS	WGS 1984 UTM 20N		
	Easting	Northing	
A61	644727.46	1123056.37	
A62	643781.68	1123048.87	
A63	643780.66	1123437.8	
A64	642679.74	1123438.07	
A65	642679.74	1123205.59	
A66	641396.2	1123205.6	

### SOUTH WEST PENINSULA ONSHORE

South West Peninsula Onshore approximately 14,451.8 hectares (144.52 km<sup>2</sup>) situated in the South Western Area of Trinidad, in the Ward of Cedros and Erin, delineated by the lines joining the points listed hereunder, and shown in Schedule 2. The delineated area excludes all Private Petroleum Licenses within the extents of the block; Bonasse, Cedros, Icacos, Perseverance and Columbia Estate.

POINTS	WGS 1984 UTM 20N	
POINTS	Easting	Northing
SW5	645483.8	1114618.1
SW6	644932.1	1115250.4
SW7	644768.7	1116231.2
SW8	643879.3	1117432.7
SW9	642921	1119814
SW10	642067.9	1119995.6
SW11	642067.9	1121491
SW12	641715.7	1121491
A66	641396.2	1123205.6
SW13	641336.32	1123532.4
PROCEED IN A WESTERLY		
DIRECTION ALONG THE		
HIGH-WATER MARK TO SW5		

### SOUTH WEST PENINSULA OFFSHORE

South West Peninsula Offshore comprising approximately 4,843.7 hectares  $(48.44 \text{ km}^2)$  situated off the South Western Coast of Trinidad, bounded by the lines joining the points listed hereunder and shown in Schedule 2.

SWPO10 SWPO11	H.W.M 10° 3' 13" W	61" 39' 15" N 61" 44' 8" N	
SWPO31	10° 3' 43" W	61" 46' 46" N	
SWPO32	H.W.M	61" 50' 45" N	

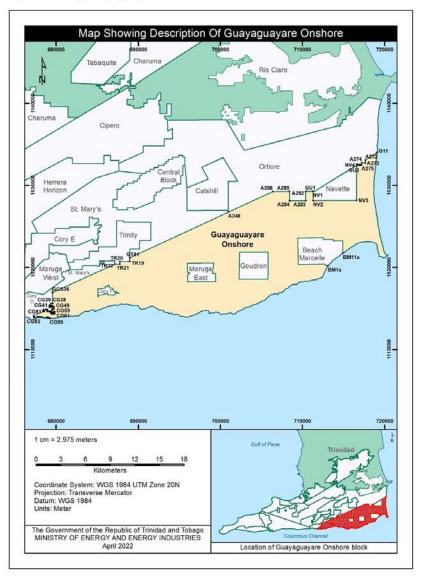
SCHEDULE 2

 $[Clause \; 2\; (2)]$ 

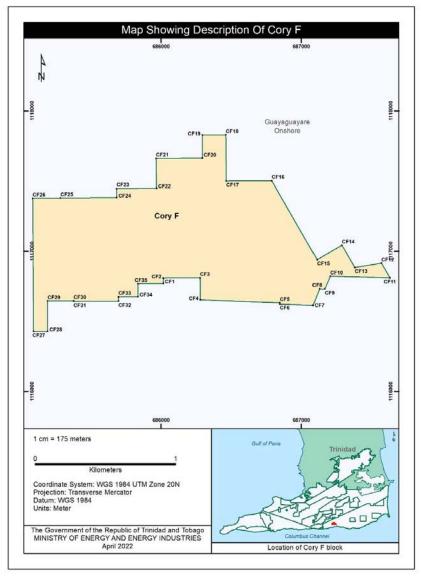
# Map showing Blocks offered under the Onshore Competitive Bid Round 2022

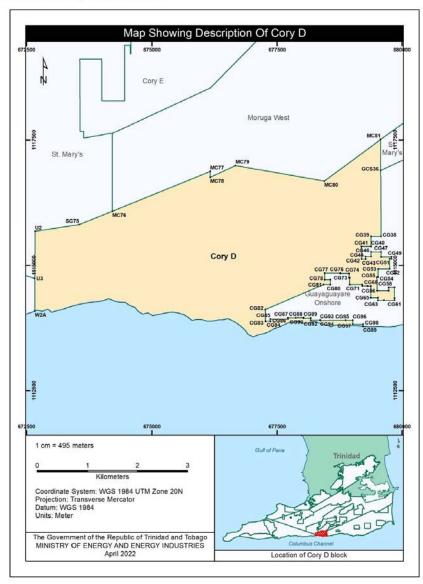
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# Map illustrating Guayaguayare Onshore Block:

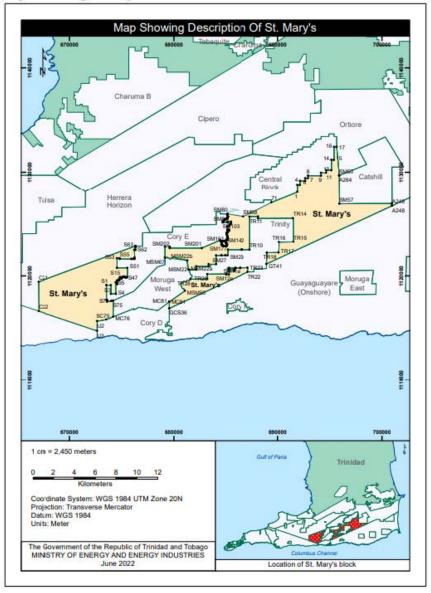






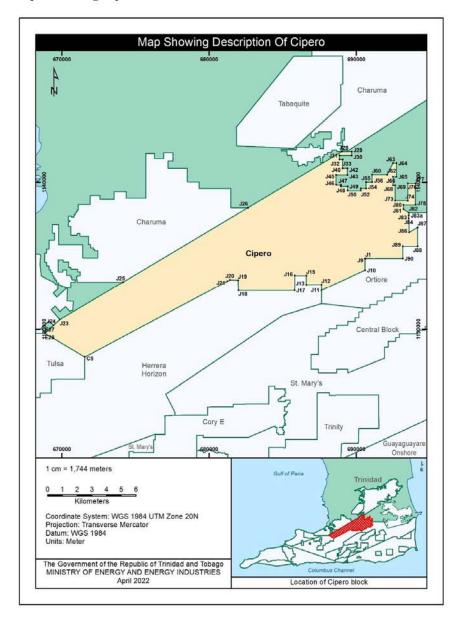


Map illustrating Cory D Block:

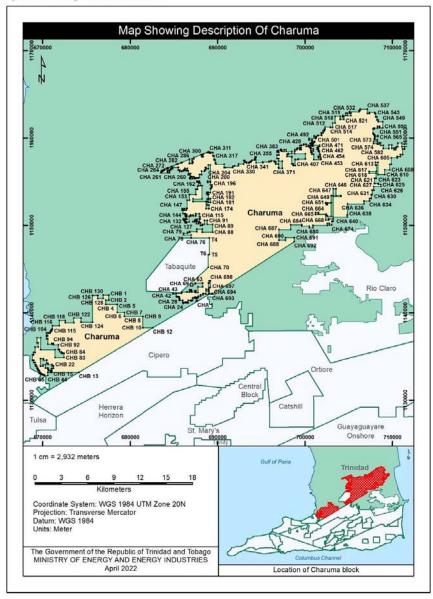


Map illustrating St. Mary's Block:

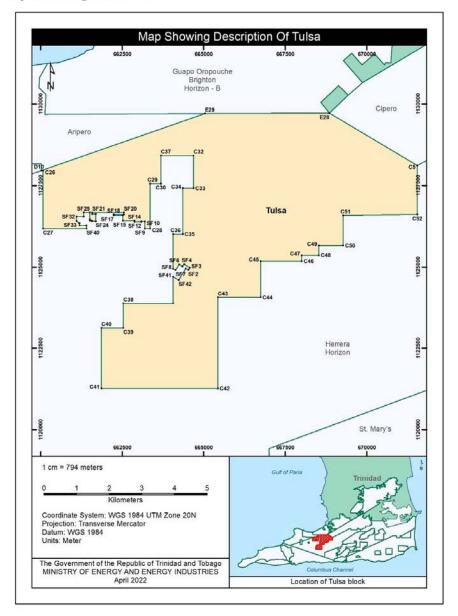
# Map illustrating Cipero Block:



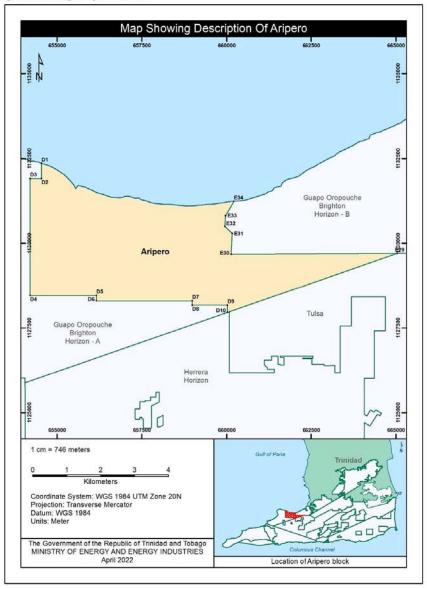
### Map illustrating Charuma Block:



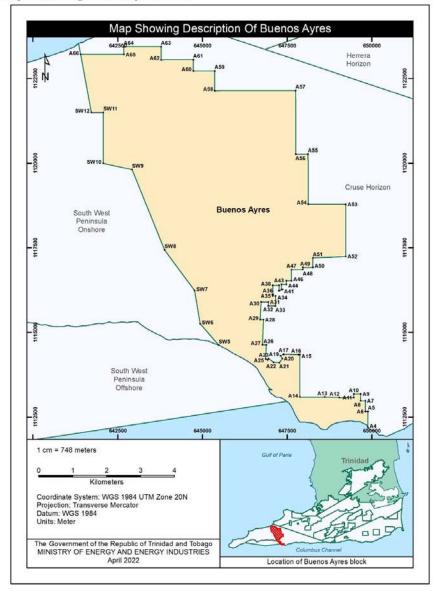
### Map illustrating Tulsa Block:



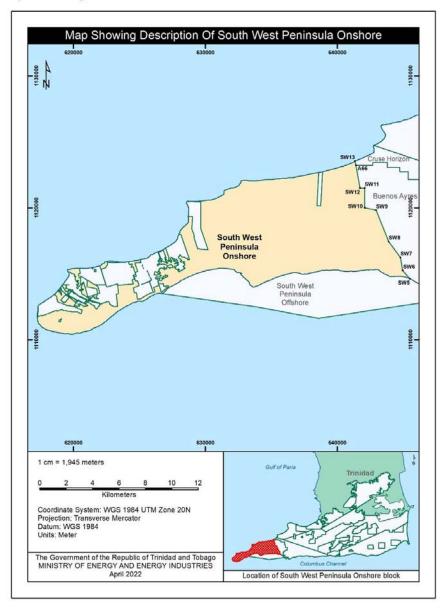
Map illustrating Aripero Block:



Map illustrating Buenos Ayres Block:

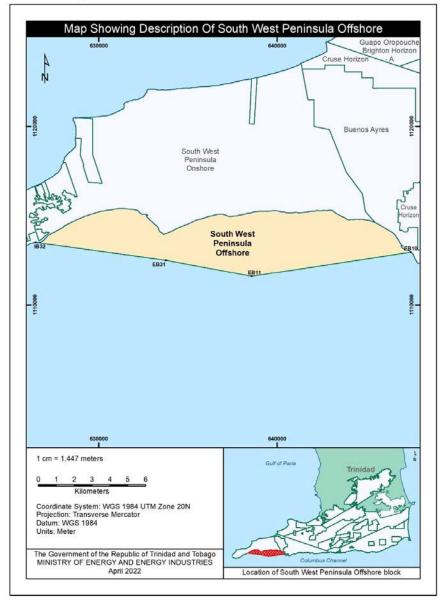


# Map illustrating South West Peninsula Onshore Block:



### SCHEDULE 2-Continued





### SCHEDULE 3

[Clause 7(a)]

#### DECLARATION to be made by a duly authorised representative of the company

#### **Company Name**

### Address

I, \_\_\_\_\_(name)\_\_, of (address) do solemnly declare that (X company) has accepted the provisions of the Exploration and Production Licence 2022 for the Onshore Competitive Bid Round and all its Annexes having analysed all its terms and conditions for submission of a bid in response to the call for tender contained in The Petroleum Regulations (Onshore and Nearshore Competitive Bidding) Order, 2022. (X company) is therefore prepared to execute said Licence subject to the proposed additions or erasures accompanying the submission of the bid.

And I make this solemn declaration conscientiously believing it to be true andknowing that it is of the same force and effect as it made under oath.

Commissioner for Oaths/Notary Public

DECLARED before me a	at the	)
of		)
in the, this _		)
day of	A.D., 2	)

A Commissioner for Oaths/Notary Public for the (print or stamp name here)

MY APPOINTMENT EXPIRES: \_\_\_\_\_ (must be legibly printed or stamped

Insert name of appropriate contract

694

#### SCHEDULE 4

[Clause 7(b)]

SUMMARY BID FORM GUAYAGUAYARE ONSHORE BLOCK BID FORM

#### 1. AQUISITION AND PROCESSING OF SEISMIC DATA

Bidder to state the amount of new full fold 2D seismic in line kilometres it will be obligated to acquire and process as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

#### BID PROPOSAL (line km)

In Figures	
In Words	

### 2. REPROCESSING OF EXISTING 2D SEISMIC DATA

Bidder to state the number of 2D seismic lines it will be obligated to reprocess in their entirety as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA, select the appropriate lines and state the total line kilometres.

### NUMBER OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

2D Seismic Line	Length (line km)	Yes	No
SBC 90110	45.81		
SBC 90120	47.94		
SBC 90130	47.44		
SBC 90134	35.22		
SBC 90140	39.18		

2D Seismic Line	Length (line	Yes	No
	km)		
SBC 90150	42.27		
SBC 90160	38.85		
SBC 90341	35.16		
SBC 91125	28.56		
SBC 91138	32.01		
SBC 91139	11.79		
SBC 91143	32.40		
SBC 91146	28.77		
SBC 91153	26.64		
SBC 91165	23.49		
SBC 91343	22.26		
SBC 91345	7.53		

#### SCHEDULE 4—Continued

#### TOTAL LINE KILOMETRES OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

### 3. REPROCESSING OF EXISTING 3D SEISMIC DATA

Bidder to state the amount of existing 3D Seismic data in square kilometres it will be obligated to reprocess using modern processing techniques (e.g. FWI, CRS etc) as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### BID PROPOSAL (square kilometres):

IN FIGURES:	
IN WORDS:	

### SCHEDULE 4-Continued

### 4. GEOLOGICAL STUDIES

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding Wells	
(e) Geochemistry	

### 5. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### NUMBER OF WELLS

IN FIGURES:	
IN WORDS:	

WELL NUMBER	TRUE VERTICAL DEPTH	ft or m

#### CORY F BLOCK BID FORM

#### 1. REPROCESSING OF EXISTING 3D SEISMIC DATA

Bidder to state the amount of existing 3D Seismic data in square kilometres it will be obligated to reprocess using modern processing techniques (e.g. FWI, CRS etc) as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### BID PROPOSAL (square kilometres):

IN FIGURES:	
IN WORDS:	

### 2. GEOLOGICAL STUDIES

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding Wells	5
(e) Geochemistry	

### 3. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### NUMBER OF WELLS

IN FIGURES:	
IN WORDS:	

WELL NUMBER	TRUE VERTICAL DEPTH	ft or m

#### CORY D BLOCK BID FORM

#### 1. AQUISITION AND PROCESSING OF SEISMIC DATA

Bidder to state the amount of new full fold 2D seismic in line kilometres it will be obligated to acquire and process as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### BID PROPOSAL (square kilometres):

IN FIGURES:	
IN WORDS:	

### 2. REPROCESSING OF EXISTING 2D SEISMIC DATA

Bidder to state the number of 2D seismic lines it will be obligated to reprocess in their entirety as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA, select the appropriate lines and state the total line kilometres.

#### NUMBER OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

2D Seismic Line	Length (line km)	Yes	No
SBC 90170	23.77		
SBC 91174	21.18		
SBC 91177	21.00		
SBC 91343	22.26		

### TOTAL LINE KILOMETRES OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

700

#### 3. GEOLOGICAL STUDIES

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding We	ells
(e) Geochemistry	

### 4. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

NUMBER OF WELLS

IN FIGURES:	
IN WORDS:	

WELL NUMBER	TRUE VERTICAL DEPTH	ft or m

#### SCHEDULE 4-Continued

#### ST. MARY'S BLOCK BID FORM

#### 1. AQUISITION AND PROCESSING OF SEISMIC DATA

Bidder to state the amount of new full fold 2D seismic in line kilometres it will be obligated to acquire and process as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

#### BID PROPOSAL (line km)

In Figures	
In Words	

### 2. REPROCESSING OF EXISTING 2D SEISMIC DATA

Bidder to state the number of 2D seismic lines it will be obligated to reprocess in their entirety as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA, select the appropriate lines and state the total line kilometres.

IN FIGURES:	
IN WORDS:	

2D Seismic Line	Length (line km)	Yes	No
SBC 90140	39.18		
SBC 90150	42.27		
SBC 90160	38.85		
SBC 90170	23.37		
SBC 90180	20.19		
SBC 90331	45.72		
SBC 90341	35.16		
SBC 91138	32.01		
SBC 91139	11.79		
SBC 91143	32.40		

2D Seismic Line	Length (line km)	Yes	No
SBC 91146	28.77		
SBC 91153	26.64		
SBC 91157	21.09		
SBC 91165	23.49		
SBC 92148	11.31		

### TOTAL LINE KILOMETRES OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

### 3. GEOLOGICAL STUDIES

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding Wells	
(e) Geochemistry	

### 4. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

NUMBER OF WELLS

IN FIGURES:	
IN WORDS:	

WELL NUMBER	TRUE VERTICAL DEPTH	ft or m

SCHEDULE 4-Continued

CIPERO BLOCK BID FORM

### 1. AQUISITION AND PROCESSING OF SEISMIC DATA

Bidder to state the amount of new full fold 2D seismic in line kilometres it will be obligated to acquire and process as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### BID PROPOSAL (line km)

In Figures	
In Words	

### 2. REPROCESSING OF EXISTING 2D SEISMIC DATA

Bidder to state the number of 2D seismic lines it will be obligated to reprocess in their entirety as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA, select the appropriate lines and state the total line kilometres.

### NUMBER OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

2D Seismic Line	Length (line km)	Yes	No
SBC 90140	39.18		
SBC 90150	42.27		
SBC 90160	38.85		
SBC 90170	23.37		
SBC 90311	45.72		
SBC 91138	31.02		
SBC 91143	32.40		
SBC 91146	28.77		
SBC 91153	26.64		
SBC 91157	21.09		
SBC 91165	23.49		
SBC 91316	61.98		
SBC 92148	11.31		

# TOTAL LINE KILOMETRES OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

#### 3. GEOLOGICAL STUDIES

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding Wells	
(e) Geochemistry	

### 4. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### NUMBER OF WELLS

IN FIGURES:	
IN WORDS:	

WELL NUMBER	TRUE VERTICAL DEPTH	ft or m

#### CHARUMA BLOCK BID FORM

# 1. AQUISITION AND PROCESSING OF SEISMIC DATA

Bidder to state the amount of new full fold 2D seismic in line kilometres it will be obligated to acquire and process as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

BID PROPOSAL (line km)			
In Figures			
In Words			

#### 2. REPROCESSING OF EXISTING 2D SEISMIC DATA

Bidder to state the number of 2D seismic lines it will be obligated to reprocess in their entirety as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA, select the appropriate lines and state the total line kilometres.

### NUMBER OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

2D Seismic Line	Length (line km)	Yes	No
SBC 90110	45.81		
SBC 90120	47.94		
SBC 90130	47.44		
SBC 90134	35.22		
SBC 90140	39.18		
SBC 90150	42.27		
SBC 90160	38.85		
SBC 90170	23.37		
SBC 90311	45.72		
SBC 90311W	31.02		
SBC 91138	32.01		

2D Seismic Line	Length (line km)	Yes	No
SBC 91143	32.40		
SBC 91153	26.64		
SBC 91157	1.09		
SBC 91165	23.49		
CRB-001	20.99		
CRB-003	19.91		
CRB-004	21.02		
CRB-005	20.99		
CRB-008	20.96		
CRB-009	22.84		
CRB-010	22.81		
CRB-015	49.89		
CRB-018	15.31		
CRB12-27	27.46		
CRB12-28	28.90		

# SCHEDULE 4-Continued

### TOTAL LINE KILOMETRES OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

#### **3. GEOLOGICAL STUDIES**

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding Wells	
(e) Geochemistry	

### 4. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

NUMBER OF WELLS

IN FIGURES:	
IN WORDS:	

708

WELL NUMBER	TRUE VERTICAL DEPTH	ft or m

### SCHEDULE 4-Continued

TULSA BLOCK BID FORM

### 1. REPROCESSING OF EXISTING 2D SEISMIC DATA

Bidder to state the number of 2D seismic lines it will be obligated to reprocess in their entirety as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA, select the appropriate lines and state the total line kilometres.

### NUMBER OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

2D Seismic Line	Length (line km)	Yes	No
SBC 90180	20.19		
SBC 90311W	31.02		
SBC 91174	21.18		
SBC 91177	21.00		
SBC 91182	20.16		
SBC 91316	61.98		

### TOTAL LINE KILOMETRES OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

#### 2. REPROCESSING OF EXISTING 3D SEISMIC DATA

Bidder to state the amount of existing 3D Seismic data in square kilometres it will be obligated to reprocess using modern processing techniques (e.g. FWI, CRS etc) as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### BID PROPOSAL (square kilometres):

IN FIGURES:	
IN WORDS:	

### 3. GEOLOGICAL STUDIES

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding Wells	
(e) Geochemistry	

#### 4. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### NUMBER OF WELLS

IN FIGURES:	
IN WORDS:	

WELL NUMBER	TRUE VERTICAL DEPTH	ft or m

ARIPERO BLOCK BID FORM

### 1. REPROCESSING OF EXISTING 2D SEISMIC DATA

Bidder to state the number of 2D seismic lines it will be obligated to reprocess in their entirety as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA, select the appropriate lines and state the total line kilometres.

### NUMBER OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

2D Seismic Line	Length (line km)	Yes	No
SBC 90180	20.19		
SBC 91182	20.16		
SBC 91187	22.47		
SBC 91316	61.98		
SBC 92185	19.56		

### TOTAL LINE KILOMETRES OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

### 2. REPROCESSING OF EXISTING 3D SEISMIC DATA

Bidder to state the amount of existing 3D Seismic data in square kilometres it will be obligated to reprocess using modern processing techniques (e.g. FWI, CRS etc) as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### BID PROPOSAL (square kilometres):

IN FIGURES:	
IN WORDS:	

### 3. GEOLOGICAL STUDIES

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding Wells	
(e) Geochemistry	

#### 4. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

#### NUMBER OF WELLS

IN FIGURES:	
IN WORDS:	

WELL NUMBER	TRUE VERTICAL DEPTH	ft or m

BUENOS AYRES BLOCK BID FORM

### 1. AQUISITION AND PROCESSING OF SEISMIC DATA

Bidder to state the amount of new full fold 2D seismic in line kilometres it will be obligated to acquire and process as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

BID PROPOSAL (line km)			
In Figures			
In Words			

### 2. REPROCESSING OF EXISTING 2D SEISMIC DATA

Bidder to state the number of 2D seismic lines it will be obligated to reprocess in their entirety as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA, select the appropriate lines and state the total line kilometres.

### NUMBER OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

# Petroleum Regulations (Onshore and Nearshore Competitive Bidding) Order, 2022

#### SCHEDULE 4-CONTINUED

SBC 90200	14.43	
SBC 90313W	25.41	

### TOTAL LINE KILOMETRES OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

### 3. REPROCESSING OF EXISTING 3D SEISMIC DATA

Bidder to state the amount of existing 3D Seismic data in square kilometres it will be obligated to reprocess using modern processing techniques (e.g. FWI, CRS etc) as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

BID PROPOSAL (square kilometres):

IN FIGURES:	
IN WORDS:	

#### 4. GEOLOGICAL STUDIES

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding Wells	
(e) Geochemistry	

### 5. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

IN FIGURES:	
IN WORDS:	

714

WELL NUMBER	TRUE VERTICAL DEPTH	ft or m

SOUTH WEST PENINSULA ONSHORE BLOCK BID FORM

## 1. AQUISITION AND PROCESSING OF SEISMIC DATA

Bidder to state the amount of new full fold 2D seismic in line kilometres it will be obligated to acquire and process as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

## BID PROPOSAL (square kilometres):

IN FIGURES:	
IN WORDS:	

## 2. REPROCESSING OF EXISTING 2D SEISMIC DATA

Bidder to state the number of 2D seismic lines it will be obligated to reprocess in their entirety as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA, select the appropriate lines and state the total line kilometres.

IN FIGURES:	
IN WORDS:	

2D Seismic Line	Length (line km)	Yes	No
SBC 90210	7.44		
SBC 90313W	25.41		

#### TOTAL LINE KILOMETRES OF REPROCESSED LINES:

IN FIGURES:	
IN WORDS:	

#### 3. REPROCESSING OF EXISTING 3D SEISMIC DATA

Bidder to state the amount of existing 3D Seismic data in square kilometres it will be obligated to reprocess using modern processing techniques (e.g. FWI, CRS etc) as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

BID PROPOSAL (square kilometres):

IN FIGURES:	
IN WORDS:	

### 4. GEOLOGICAL STUDIES

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding Wells	
(e) Geochemistry	

716

#### 5. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

#### NUMBER OF WELLS

IN FIGURES:	
IN WORDS:	

ft or m

SOUTH WEST PENINSULA OFFSHORE BLOCK BID FORM

## 1. REPROCESSING OF EXISTING 3D SEISMIC DATA

Bidder to state the amount of existing 3D Seismic data in square kilometres it will be obligated to reprocess using modern processing techniques (e.g. FWI, CRS etc) as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

### BID PROPOSAL (square kilometres):

IN FIGURES:	
IN WORDS:	

### 2. GEOLOGICAL STUDIES

Bidder to indicate the studies it will be obligated to undertake and complete as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA by ticking the relevant boxes:

(a) Sedimentology	
(b) Structural Analysis	
(c) Maturation and Migration Studies	
(d) Petrophysical Analysis of Surrounding Wells	
(e) Geochemistry	

## 3. DRILLING OBLIGATION

Bidder to state the number of wells and the true vertical depth of each well it will be obligated to drill as part of the Minimum Work Programme under the Licence and the Carried Obligations under the JOA.

#### NUMBER OF WELLS

IN FIGURES:	
IN WORDS:	

WELL NUMBER	TRUE VERTICAL DEPTH	ft or m

## SCHEDULE 5

[Clause 7(c)]

## **REVENUE/COST DATA USED IN COMMERCIAL EVALUATION**

All amounts should be in constant 2022 US\$

		Ass	suming Discov	/ery	Assuming Development				
					(a)	(b)	(a)	(b)	
Year	Exploration Cost (\$M)	Evaluation Cost	Development Cost	Production Cost	Crude Oil Production mmbbls	Crude Oil Price (\$/bbl)	Natural Gas Production BCF	Natural Gas Price	Gross Income (\$M)
2022									
2023									
2024									
2025									
2026									
2027									
2028									
2029									
2030									
2031									
2032									
2033									
2034									
			(Please insert ro	ws and further	sheets if requ	ired)			
TOTAL									

(a) Estimated value of development costs, production costs and production assuming development.

(b) Estimated value for evaluation purposes.

## SCHEDULE 6

[Clause 9(b)]

POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE PETROLEUM REGULATIONS (ONSHORE AND NEARSHORE COMPETITIVE BIDDING) ORDER, 2022

### POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE GUAYAGUAYARE ONSHORE BLOCK

Maximum Points for Minimum Exploration Work Programme: 160 Points

Total Points for Geophysical and Geological Work Programme: 60 Points as described in the Table Below

G&G Biddable Item	Points per Unit	Maximum Points
Acquire and process full fold 2D seismic	0.1516 per line km	25
Reprocess 2D seismic data using modern processing techniques (for example, FWI, CRS, etc.)	0.0184 per line km	10
Reprocess 3D seismic data using modern processing techniques (for example, FWI, CRS, etc.)	0.0944 per km²	15
Other Geological studies related to the Block including studies on sedimentology, structural analysis, maturation and migration, petrophysical analysis of		
surrounding wells and geochemistry	2 per study	10
Total		60

Total Points for Drilling:

100 Points as described in the Table Below

Points per Well Depth

Cumulative footage			
	Total Vertical Depth	Total Vertical	
	(ft.)	Depth (m)	Points
1	1000	305	1.0
2	2000	610	3.5
3	3000	915	6.1
4	4000	1220	8.6
5	5000	1524	11.2
6	6000	1829	13.7
7	7000	2134	16.2
8	8000	2439	18.8
9	9000	2744	21.3
10	10000	3049	23.8
11	11000	3354	26.4
12	12000	3659	28.9
13	13000	3963	31.5
14	14000	4268	34.0
15	15000	4573	36.5
16	16000	4878	39.1
17	17000	5183	41.6
18	18000	5488	44.2
19	19000	5793	46.7
20	20000	6098	49.2
21	21000	6402	51.8
22	22000	6707	54.3
23	23000	7012	56.8
24	24000	7317	59.4
25	25000	7622	61.9
26	26000	7927	64.5
27	27000	8232	67.0
28	28000	8537	69.5
29	29000	8841	72.1
30	30000	9146	74.6
31	31000	9451	77.2
32	32000	9756	79.7
33	33000	10061	82.2
34	34000	10366	84.8
35	35000	10671	87.3
36	36000	10976	89.8
37	37000	11280	92.4
38	38000	11585	94.9
39	39000	11890	97.5
40	40000	12195	100.0

## SIGNATURE BONUS

## POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE CORY F BLOCK

## Maximum Points for Minimum Exploration Work Programme and Biddable Carried Interest: 115 Points

Total Points for Geophysical and Geological Work Programme: 15 Points as described in the Table Below

G&G Biddable Items	Points per Unit	Maximum Points
Reprocess 3D seismic data using	2.9586 per km <sup>2</sup>	5
modern processing techniques		
(for example, FWI, CRS, etc.)		
Other Geological studies related	2 per study	10
to the Block including studies on		
sedimentology, structural		
analysis, maturation and		
migration, petrophysical analysis		
of surrounding wells and		
geochemistry		
Total		15

NOTE: Bidders should provide details of studies proposed and illustrate their value in contributing to improving the understanding of the petroleum system.

Total Points for Drilling:

100 Points as described in the Table Below

Points per Well Depth

Cumulative Footage			
	Total Vertical Depth	Total Vertical	
	(ft.)	Depth (m)	Points
1	1000	305	1.0
2	2000	610	8.1
3	3000	915	15.1
4	4000	1220	22.2
5	5000	1524	29.3
6	6000	1829	36.4
7	7000	2134	43.4
8	8000	2439	50.5
9	9000	2744	57.6
10	10000	3049	64.6
11	11000	3354	71.7
12	12000	3659	78.8
13	13000	3963	85.9
14	14000	4268	92.9
15	15000	4573	100.0

#### SIGNATURE BONUS

## POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE CORY D BLOCK

## Maximum Points for Minimum Exploration Work Programme and Biddable Carried Interest: 140 Points

Total Points for Geophysical and Geological Work Programme: 40 Points as described in the Table Below

G&G Biddable Items	Points per Unit	Maximum Points
Acquire and process full fold 2D seismic	1 per line km	25
Reprocess 2D seismic data using modern processing techniques (for example, FWI, CRS, etc.)	0.0567 per line km	5
Other Geological studies related to the Block including studies on sedimentology, structural analysis, maturation and migration, petrophysical analysis of surrounding wells and geochemistry	2 per study	10
Total		40

NOTE: Bidders should provide details of studies proposed and illustrate their value in contributing to improving the understanding of the petroleum system.

Total Points for Drilling:

100 Points as described in the Table Below

Points per Well Depth

Cumulative Footage			
	Total Vertical Depth	Total Vertical Depth	
	(ft.)	(m)	Points
1	1000	305	1.0
2	2000	610	6.2
3	3000	915	11.4
4	4000	1220	16.6
5	5000	1524	21.8
6	6000	1829	27.1
7	7000	2134	32.3
8	8000	2439	37.5
9	9000	2744	42.7
10	10000	3049	47.9
11	11000	3354	53.1
12	12000	3659	58.3
13	13000	3963	63.5
14	14000	4268	68.7
15	15000	4573	73.9
16	16000	4878	79.2
17	17000	5183	84.4
18	18000	5488	89.6
19	19000	5793	94.8
20	20000	6098	100.0

SIGNATURE BONUS

## POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE ST. MARY'S BLOCK

# Maximum Points for Minimum Exploration Work Programme and Biddable Carried Interest: 145 Points

Total Points for Geophysical and Geological Work Programme: 45 Points as described in the Table Below

G&G Biddable Items	Points per Unit	Maximum Points
Acquire and process full fold 2D seismic	0.5556 per line km	25
Reprocess 2D seismic data using modern processing techniques (for example, FWI, CRS, etc.)	0.0232 per line km	10
Other Geological studies related to the Block including studies on sedimentology, structural analysis, maturation and migration, petrophysical analysis of		
surrounding wells and geochemistry	2 per study	10
Total		45

Total Points for Drilling:

100 Points as described in the Table Below

Points per Well Depth

Cumulative Footage			
	Total Vertical Depth	Total Vertical Depth	
	(ft.)	(m) .	Points
1	1000	305	1.0
2	2000	610	3.4
3	3000	915	5.7
4	4000	1220	8.1
5	5000	1524	10.4
6	6000	1829	12.8
7	7000	2134	15.1
8	8000	2439	17.5
9	9000	2744	19.9
10	10000	3049	22.2
11	11000	3354	24.6
12	12000	3659	26.9
13	13000	3963	29.3
14	14000	4268	31.6
15	15000	4573	34.0
16	16000	4878	36.4
17	17000	5183	38.7
18	18000	5488	41.1
19	19000	5793	43.4
20	20000	6098	45.8
21	21000	6402	48.1
22	22000	6707	50.5
23	23000	7012	52.9
24	24000	7317	55.2
25	25000	7622	57.6
26	26000	7927	59.9
27	27000	8232	62.3
28	28000	8537	64.6
29	29000	8841	67.0
30	30000	9146	69.4
31	31000	9451	71.7
32	32000	9756	74.1
33	33000	10061	76.4
34	34000	10366	78.8
35	35000	10500	81.1
36	36000	10976	83.5
37	37000	11280	85.9
38	38000	11585	88.2
39	39000	11890	90.6
40	40000	12195	92.9
41	41000	12500	95.3
42	42000	12805	97.6

SIGNATURE BONUS

## POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE CIPERO BLOCK

# Maximum Points for Minimum Exploration Work Programme and Biddable Carried Interest: 145 Points

Total Points for Geophysical and Geological Work Programme: 45 Points as described in the Table Below

G&G Biddable Items	Points per Unit	Maximum Points
Acquire and process full fold 2D seismic	0.5 per line km	25
Reprocess 2D seismic data using modern processing techniques (for example, FWI, CRS, etc.)	0.0235 per line km	10
Other Geological studies related to the Block including studies on sedimentology, structural analysis, maturation and migration, petrophysical analysis of surrounding wells and geochemistry	2 per study	10
Total		45

Total Points for Drilling:

100 Points as described in the Table Below

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Points per Well Depth

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Cumulative Footage			
	Total Vertical Depth	Total Vertical Depth	
	(ft.)	(m)	Points
1	1000	305	1.0
2	2000	610	3.4
3	3000	915	5.7
4	4000	1220	8.1
5	5000	1524	10.4
6	6000	1829	12.8
7	7000	2134	15.1
8	8000	2439	17.5
9	9000	2744	19.9
10	10000	3049	22.2
11	11000	3354	24.6
12	12000	3659	26.9
13	13000	3963	29.3
14	14000	4268	31.6
15	15000	4573	34.0
16	16000	4878	36.4
17	17000	5183	38.7
18	18000	5488	41.1
19	19000	5793	43.4
20	20000	6098	45.8
21	21000	6402	48.1
22	22000	6707	50.5
23	23000	7012	52.9
24	24000	7317	55.2
25	25000	7622	57.6
26	26000	7927	59.9
27	27000	8232	62.3
28	28000	8537	64.6
29	29000	8841	67.0
30	30000	9146	69.4
31	31000	9451	71.7
32	32000	9756	74.1
33	33000	10061	76.4
34	34000	10366	78.8
35	35000	10671	81.1
36	36000	10976	83.5
37	37000	11280	85.9
38	38000	11585	88.2
39	39000	11890	90.6
40	40000	12195	92.9
41	41000	12500	95.3
42	42000	12805	97.6
43	43000	13110	100.0

### SIGNATURE BONUS

## POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE CHARUMA BLOCK

# Maximum Points for Minimum Exploration Work Programme and Biddable Carried Interest: 145 Points

Total Points for Geophysical and Geological Work Programme: 45 Points as described in the Table Below

G&G Biddable Items	Points per Unit	Maximum Points
Acquire and process full fold 2D seismic	0.1563 per line km	25
Reprocess 2D seismic data using modern processing		
techniques (for example, FWI, CRS, etc.)	0.0128 per line km	10
Other Geological studies related to the Block including		
studies on sedimentology, structural analysis,		
maturation and migration, petrophysical analysis of		
surrounding wells and geochemistry	2 per study	10
Total		45

Total Points for Drilling:

100 Points as described in the Table Below

Points per Well Depth

Cumulative Footage			
	Total Vertical Depth	Total Vertical Depth	
	(ft.)	(m)	Points
1	1000	305	1.0
2	2000	610	3.2
3	3000	915	5.3
4	4000	1220	7.5
5	5000	1524	9.6
6	6000	1829	11.8
7	7000	2134	13.9
8	8000	2439	16.1
9	9000	2744	18.2
10	10000	3049	20.4
11	11000	3354	22.5
12	12000	3659	24.7
13	13000	3963	26.8
14	14000	4268	29.0
15	15000	4208	31.1
16	16000	4878	33.3
17	17000	5183	35.4
		5488	37.6
18	18000		-
19	19000	5793	39.7
20	20000	6098	41.9
21	21000	6402	44.0
22	22000	6707	46.2
23	23000	7012	48.3
24	24000	7317	50.5
25	25000	7622	52.7
26	26000	7927	54.8
27	27000	8232	57.0
28	28000	8537	59.1
29	29000	8841	61.3
30	30000	9146	63.4
31	31000	9451	65.6
32	32000	9756	67.7
33	33000	10061	69.9
34	34000	10366	72.0
35	35000	10671	74.2
36	36000	10976	76.3
37	37000	11280	78.5
38	38000	11585	80.6
39	39000	11890	82.8
40	40000	12195	84.9
41	41000	12500	87.1
42	42000	12805	89.2
43	43000	13110	91.4
44	44000	13415	93.5
45	45000	13720	95.7
46	46000	14024	97.8
47	47000	14329	100.0

SIGNATURE BONUS

## POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE TULSA BLOCK

## Maximum Points for Minimum Exploration Work Programme and Biddable Carried Interest: 130 Points

Total Points for Geophysical and Geological Work Programme: 30 Points as described in the Table Below

G&G Biddable Items	Points per Unit	Maximum Points
Reprocess 2D seismic data using modern processing		
techniques (for example, FWI, CRS, etc.)	0.0347 per line km	5
Reprocess 3D seismic data using modern processing		
techniques (for example, FWI, CRS, etc.)	0.3192 per km <sup>2</sup>	15
Other Geological studies related to the Block including		
studies on sedimentology, structural analysis,		
maturation and migration, petrophysical analysis of		
surrounding wells and geochemistry	2 per study	10
Total		30

NOTE: Bidders should provide details of studies proposed and illustrate their value in contributing to improving the understanding of the petroleum system.

Total Points for Drilling:

100 Points as described in the Table Below

Points per Well Depth

Cumulative Footage				
	Total Vertical Depth (ft.)	Total Vertical Depth (m)	Points	
1	1000	305	1.0	
2	2000	610	6.5	
3	3000	915	12.0	
4	4000	1220	17.5	
5	5000	1524	23.0	
6	6000	1829	28.5	
7	7000	2134	34.0	
8	8000	2439	39.5	
9	9000	2744	45.0	
10	10000	3049	50.5	
11	11000	3354	56.0	
12	12000	3659	61.5	
13	13000	3963	67.0	
14	14000	4268	72.5	
15	15000	4573	78.0	
16	16000	4878	83.5	
17	17000	5183	89.0	
18	18000	5488	94.5	
19	19000	5793	100.0	

#### SIGNATURE BONUS

## POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE ARIPERO BLOCK

## Maximum Points for Minimum Exploration Work Programme and Biddable Carried Interest: 130 Points

Total Points for Geophysical and Geological Work Programme: 30 Points as described in the Table Below

G&G Biddable Items	Points per Unit	Maximum Points
Reprocess 2D seismic data using modern processing		
techniques (for example, FWI, CRS, etc.)	0.0347 per line km	5
Reprocess 3D seismic data using modern processing		
techniques (for example, FWI, CRS, etc.)	0.625 per km <sup>2</sup>	15
Other Geological studies related to the Block including		
studies on sedimentology, structural analysis,		
maturation and migration, petrophysical analysis of		
surrounding wells and geochemistry	2 per study	10
Total		30

NOTE: Bidders should provide details of studies proposed and illustrate their value in contributing to improving the understanding of the petroleum system.

Total Points for Drilling:

100 Points as described in the Table Below

Points per Well Depth

Cumulative Footage				
	Total Vertical Depth Total Vertical Depth			
	(ft.)	(m)	Points	
1	1000	305	1.0	
2	2000	610	5.7	
3	3000	915	10.4	
4	4000	1220	15.1	
5	5000	1524	19.9	
6	6000	1829	24.6	
7	7000	2134	29.3	
8	8000	2439	34.0	
9	9000	2744	38.7	
10	10000	3049	43.4	
11	11000	3354	48.1	
12	12000	3659	52.9	
13	13000	3963	57.6	
14	14000	4268	62.3	
15	15000	4573	67.0	
16	16000	4878	71.7	
17	17000	5183	76.4	
18	18000	5488	81.1	
19	19000	5793	85.9	
20	20000	6098	90.6	
21	21000	6402	95.3	
22	22000	6707	100.0	

SIGNATURE BONUS

## POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE BUENOS AYRES BLOCK

## Maximum Points for Minimum Exploration Work Programme and Biddable Carried Interest: 155 Points

Total Points for Geophysical and Geological Work Programme: 55 Points as described in the Table Below

G&G Biddable Items	Points per Unit	Maximum Points
Acquire and process full fold 2D seismic	0.7143 per line km	25
Reprocess 2D seismic data using modern processing techniques (for example, FWI, CRS, etc.)	0.1256 per line km	5
Reprocess 3D seismic data using modern processing techniques (for example, FWI, CRS, etc.)	0.2942 per km <sup>2</sup>	15
Other Geological studies related to the Block including studies on sedimentology, structural analysis, maturation and migration, petrophysical analysis of		
surrounding wells and geochemistry	2 per study	10
Total		55

NOTE: Bidders should provide details of studies proposed and illustrate their value in contributing to improving the understanding of the petroleum system.

Total Points for Drilling:

100 Points as described in the Table Below

Points per Well Depth

Cumulative Footage			
	Total Vertical Depth	Total Vertical	
	(ft.)	Depth (m)	Points
1	1000	305	1.0
2	2000	610	4.1
3	3000	915	7.2
4	4000	1220	10.3
5	5000	1524	13.4
6	6000	1829	16.5
7	7000	2134	19.6
8	8000	2439	22.7
9	9000	2744	25.8
10	10000	3049	28.8
11	11000	3354	31.9
12	12000	3659	35.0
13	13000	3963	38.1
14	14000	4268	41.2
15	15000	4573	44.3
16	16000	4878	47.4
17	17000	5183	50.5
18	18000	5488	53.6
19	19000	5793	56.7

Cumulative Footage			
	Total Vertical Depth	Total Vertical	
	(ft.)	Depth (m)	Points
20	20000	6098	59.8
21	21000	6402	62.9
22	22000	6707	66.0
23	23000	7012	69.1
24	24000	7317	72.2
25	25000	7622	75.3
26	26000	7927	78.3
27	27000	8232	81.4
28	28000	8537	84.5
29	29000	8841	87.6
30	30000	9146	90.7
31	31000	9451	93.8
32	32000	9756	96.9
33	33000	10061	100.0

SIGNATURE BONUS

## POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE SOUTH WEST PENINSULA ONSHORE BLOCK

Maximum Points for Minimum Exploration Work Programme and Biddable Carried Interest: 155 Points

Total Points for Geophysical and Geological Work Programme: 55 Points as described in the Table Below

G&G Biddable Items	Points per Unit	Maximum Points
Acquire and process full fold 2D seismic	0.329 per line km	25
Reprocess 2D seismic data using modern processing techniques (for example, FWI, CRS, etc.)	0.1523 per line km	5
Reprocess 3D seismic data using modern processing techniques (for example, FWI, CRS, etc.)	0.134 per km <sup>2</sup>	15
Other Geological studies related to the Block including studies on sedimentology, structural analysis, maturation and migration, petrophysical analysis of		
surrounding wells and geochemistry	2 per study	10
Total		55

Total Points for Drilling:

100 Points as described in the Table Below

\_\_\_\_

Points per Well Depth

Cumulative			
	Total Vertical Depth Total Vertical Depth		
	(ft.)	(m)	Points
1	1000	305	1.0
2	2000	610	3.4
3	3000	915	5.7
4	4000	1220	8.1
5	5000	1524	10.4
6	6000	1829	12.8
7	7000	2134	15.1
8	8000	2439	17.5
9	9000	2744	19.9
10	10000	3049	22.2
11	11000	3354	24.6
12	12000	3659	26.9
13	13000	3963	29.3
14	14000	4268	31.6
15	15000	4573	34.0
16	16000	4878	36.4
17	17000	5183	38.7
18	18000	5488	41.1
19	19000	5793	43.4
20	20000	6098	45.8
21	21000	6402	48.1
22	22000	6707	50.5
23	23000	7012	52.9
24	24000	7317	55.2
25	25000	7622	57.6
26	26000	7927	59.9
27	27000	8232	62.3
28	28000	8537	64.6
29	29000	8841	67.0
30	30000	9146	69.4
31	31000	9451	71.7
32	32000	9756	74.1
33	33000	10061	76.4
34	34000	10366	78.8
35	35000	10671	81.1
36	36000	10976	83.5
37	37000	11280	85.9
38	38000	11585	88.2
39	39000	11890	90.6
40	40000	12195	92.9
41	41000	12500	95.3
42	42000	12805	97.6
43	43000	13110	100.0

#### SIGNATURE BONUS

### POINT SYSTEM FOR USE IN THE EVALUATION OF BIDS RECEIVED FOR THE SOUTH WEST PENINSULA OFFSHORE BLOCK

Maximum Points for Minimum Exploration Work Programme and Biddable Carried Interest: 120 Points

Total Points for Geophysical and Geological Work Programme: 20 Points as described in the Table Below

G&G Biddable Items	Points per Unit	Maximum Points
Reprocess 3D seismic data using modern processing techniques (for example, FWI, CRS, etc.)	0.2326 per km <sup>2</sup>	10
Other Geological studies related to the Block including studies on sedimentology, structural analysis, maturation and migration, petrophysical analysis of		
surrounding wells and geochemistry	2 per study	10
Total		20

NOTE: Bidders should provide details of studies proposed and illustrate their value in contributing to improving the understanding of the petroleum system.

Total Points for Drilling:

100 Points as described in the Table Below

Points per Well Depth

Cumulative			
	Total Vertical Depth	Total Vertical Depth	
	(ft.)	(m)	Points
1	1000	305	1.0
2	2000	610	8.1
3	3000	915	15.1
4	4000	1220	22.2
5	5000	1524	29.3
6	6000	1829	36.4
7	7000	2134	43.4
8	8000	2439	50.5
9	9000	2744	57.6
10	10000	3049	64.6
11	11000	3354	71.7
12	12000	3659	78.8
13	13000	3963	85.9
14	14000	4268	92.9
15	15000	4573	100.0

#### SIGNATURE BONUS

1Pt/100,000 USD

Dated this 6th day of July, 2022.

S. YOUNG Minister of Energy and Energy Industries

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