



## **AGÊNCIA NACIONAL DO PETRÓLEO (ANP)**

### **Initial Tender Protocol (Pré-Edital de Licitações) For the Contracting of Oil and Gas Exploration, Development and Production Activities**

### **BRASIL ROUND 5**

***Notice:***

***The Portuguese language version of this Initial Tender Protocol is the only official version. This English language version is provided for the convenience of Round participants and interested parties.***

**Rio de Janeiro, Brazil**

**13<sup>th</sup> March, 2003**

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## 1. INTRODUCTION

1. On August 6, 1997, the Brazilian Congress passed Law 9.478, (the “Petroleum Law”) which outlined the national energy policy and implemented other measures in accordance with Constitutional Amendment Number 9 of 1995 that made more flexible the manner in which the State’s monopoly on oil and gas exploration, development, and production activities was administered. The law also established the conditions for certain other activities of the monopoly related to the import and export of crude oil, refined products and natural gas, the refining of crude oil, the processing of natural gas, and the transportation of crude, crude products, and natural gas.

2. The Petroleum Law also created the Agência Nacional do Petróleo (the “ANP”) as the entity responsible for the regulation, contracting, and oversight of commercial activities in the oil industry including, among other things, the development of tender processes and promoting licensing, oil and gas exploration, development and production activities, executing the agreements which result from these processes, and overseeing their performance.

3. The ANP has concluded four Licensing Rounds in 1999, 2000, 2001 and 2002, with 88 exploration blocks conceded in these Rounds. On October 30, 2002, the ANP announced the fifth licensing round (“Brasil Round 5”).

4. This Initial Tender Protocol follows the guidelines contained in ANP Portaria 174 of October 25, 1999 (a Portaria is a set of regulations), as well as other relevant legislation and defines the rules which must be followed by all companies interested in participating in Brasil Round 5. This Initial Tender Protocol will be replaced by the Edital de Licitações (“Edital”), which will be published a minimum of 45 days before the deadline for the submission of bids for the Blocks offered in this Round.

5. The indicative timetable for Brasil Round 5 is as follows:

## SCHEDULE

Formal Announcement of Round	November 5 <sup>th</sup> , 2002
Presentation in Rio de Janeiro (public hearing)	November 26 <sup>th</sup> , 2002
Presentation in Salvador	November 29 <sup>th</sup> , 2002
Publication of Initial Tender Protocol	March 13 <sup>th</sup> 2003
Data Packages Available	March 13 <sup>th</sup> , 2003
<i>Roadshows – London and Houston</i>	1 <sup>st</sup> Half of April, 2003
<i>Publication of the Draft Concession Agreement (Minuta)</i>	2 <sup>nd</sup> Half of April, 2003
<i>Legal/Financial Seminar</i>	1 <sup>st</sup> Half of May, 2003
<i>Technical Workshop</i>	1 <sup>st</sup> Half of May 2003
Publication of the Final Tender Protocol (Edital) and the Concession Agreement	1 <sup>st</sup> half of June 2003
Deadline for submission of Expression of Interest and presentation of Documents	1 <sup>st</sup> Half of July, 2003
Deadline for payment of Participation Fees	1st Half of August, 2003
Submission of Bids	August, 2003
Contract Signature	up to November, 2003

## 2. OBJECTIVE OF THE OFFERING

1. The objective of the current offering is the award of contracts to companies or consortia of companies to carry out exploration, development, and production activities for oil and natural gas in blocks located in 9 Brazilian sedimentary basins, described in Annex I.

2. Winning companies or consortia must enter into a Concession Agreement in order to carry out such activities. The model Concession Agreement will be published in the Edital.

3. The main terms of the Concession Agreement are as follows:

- A duration of up to 35 years, comprised of both exploration and production phases. The Exploration Phase will have a duration of two (2) to eight (8) years divided into two periods, each of which will be associated with a Minimum Exploration Program. At the end of the First Period the Concessionaire must opt to relinquish the entire area or to assume the commitment to drill an exploration well and proceed to the Second Exploration Period. The Concessionaire must submit a Development Plan for the ANP's approval for each field discovered and declared commercial. The Production Phase (which includes the Development Stage) will have a duration of 27 years.
- All oil and gas in-place belongs to the State, although the Concessionaire is entitled to ownership of oil and gas actually produced and fiscalized. From this point, the Concessionaire will be entitled to lift and market such production according to the terms of the Concession Agreement and the Petroleum Law.
- In addition to taxes of general application in Brazil, the Concessionaire will be subject to the State Take defined in the Petroleum Law, including signature bonus, royalties, surface rental fees, and Special Participation (where applicable).

4. The following is a summary description of the general terms and conditions that will govern the exploration, development, and production of hydrocarbons in the Blocks offered in Brasil Round 5. This summary is qualified in its entirety by the terms of the Concession Agreement.

## **2.1. Exploration Phase and Minimum Exploration Program**

1. The Exploration Phase will have a duration of two to eight years, depending upon the Block in question, and will be split into two periods. The Exploration Phase may be extended, by means of an Evaluation Plan previously approved by the ANP, only for the evaluation of discoveries made near the end of the Exploration Phase. This extension will be only for the area covered by the Evaluation Plan, and the remaining area must be entirely relinquished.

2. Each Exploration Period entails a commitment by the Concessionaire in the form of a Minimum Exploration Program , which for the First Exploration Period will be presented by the participating company as an integral part of the bid and expressed in Work Units (WUs).

3. The Concessionaire may carry out additional work beyond that required in the Minimum Exploration Program. At the end of the First Exploration Period the Concessionaire will opt for the total relinquishment of the block or assume the commitment to drill one exploration well. Based on the technical justification evaluation sent by the Concessionaire, ANP may accept, at its sole discretion, that adjacent block(s) to the block where the well will be drilled, also pass to the Second Exploration Period without the need of a commitment to drilling a well in this (these) block(s).

4. Table 1 lists the number of blocks on offer for each sector, the duration of the Exploration Phase, the relinquishment obligations and the minimum necessary technical qualification for the operator of the blocks in each sector. Table 2 shows the comparison between exploration work acceptable for compliance with the First Period of the Minimum Exploration Program for the areas offered in Brasil Round 5.

5. The non-exclusive 2D seismic surveys authorized by the ANP of onshore or transition zone (water depths less than 50 meters), of 3D seismic in any locality, as well as the onshore gravimetric surveys, aeromagnetic and geochemistry, when applicable, will be considered towards the compliance with the Minimum Exploration Program by the application of a reduction factor based on the time elapsed between the request for a reduction in the Minimum Exploration Program by the concessionaire and the data acquisition operation, as per Table 3.

6. More details and coordinates of the blocks offered in Brasil Round 5 can be found in Annex I and at the site [www.Brasil-Rounds.gov.br](http://www.Brasil-Rounds.gov.br).

7. The Concessionaire will be responsible for all risks and expenses of the Operations, in accordance with the terms of the Concession Agreement.

**TABLE 1  
GENERAL DESCRIPTION OF BLOCKS**

Basin	Sector	Number of Blocks	Area on Offer (km <sup>2</sup> )	Exploration Phase <sup>2</sup> (years)	Exploration Periods (years)	Mandatory Area Relinquishment <sup>3</sup> (% of original area)	Area Retention Fee <sup>4</sup> (R\$/km <sup>2</sup> /year)	Required Technical Qualification
<b>ONSHORE</b>								
Potiguar	SPOT-T2, SPOT-T3, SPOT-T4 and SPOT-T5	165	5608.4	4	1+1	100-100	85.00	C
Recôncavo	SREC-T2	41	1245.59	4	1+1	100-100	85.00	C
Espírito Santo	SES-T2	29	885.29	2	2+2	100-100	85.00	C
	SES-T4 e SES-T6	39	1228.81	4	1+1	100-100	85.00	C
<b>OFFSHORE</b>								
Barreirinhas	SBAR-AR2	62	11917.01	6	5+1	100-100	195.00	B
Campos shallow water	SC-AR2 and SC-AR3	38	7204.54	5	4+1	100-100	550.00	B
Campos deep water	SC-AP1	6	4296.40	7	5+2	100-100	550.00	A
Espírito Santo	SES-AR1 and SES-AR2	180	33315.96	6	5+1	100+100	550.00	B
Foz do Amazonas	SFZA-AR1 and SFZA-AR2	156	29936.93	6	5+1	100-100	135.00	B
Jequitinhonha	SJ-AP	12	8899.97	8	6+2	100-100	195.00	A
Pelotas	SP-AP3	33	21360.48	8	6+2	100-100	25.00	A
Santos shallow water	SS-AR3 and SS-AR4	306	52946.29	5	4+1	100-100	550.00	B
Santos deep water	SS-AP4	20	13715.32	7	5+2	100-100	550.00	A

**Notes:**

- The detailed list of the blocks offered in each basin can be found in Annex I.
- The Exploration Phase may be extended, at the discretion of the ANP and in accordance with the terms of the Concession Agreement, for the completion of a previously approved Evaluation Plan.
- At the end of the First Exploration Period, the Concessionaire must relinquish the entire block or proceed to the Second Period assuming the obligation to drill one exploration well. At the end of the Exploration Phase, the Concessionaire will only retain the areas in the Development Stage or Production Phase.
- Occupation or retention Fees for the Area, in Reals per square kilometer, at 11/30/2002, applicable to the Exploration Phase. These values will be paid annually and are subject to correction, by the variation of the accumulated IGP-DI between that date and the Concession Agreement signing date. These fees will be increased by 100% if the Exploration Phase is extended, when applicable, and for the Development Stage. For the Production Phase these fees will be increased by 900%.
- The technical qualification required as section 3.3 of this Initial Tender Protocol. The qualified companies will be classified into 3 (three) categories: Operator "A" is the company qualified for operating in any block offered by ANP, Operator "B" is the company qualified for operating in blocks classified as "B" or "C" and operator "C" is the company qualified for operating only blocks classified as "C".



**TABLE 2  
COMPARISON OF WORK UNITS FOR COMPLIANCE WITH THE MINIMUM EXPLORATION PROGRAM**

WORK UNITS (WU) <sup>1</sup>							
BASIN / SECTORS OFFERED	Exploration Well <sup>2</sup> (WU/well)	2D Seismic (WU/km)	3D Seismic (WU/km <sup>2</sup> )	Potential methods <sup>3</sup> (WU/block)	Geochemistry <sup>4</sup> (WU/block)	Minimum Depth <sup>5</sup>	Financial Guarantee – First Period (U\$/WU) <sup>6</sup>
Barreirinhas - <b>SBAR-AR2</b>	1,000	0.16	0.8	0	0	Gr. Canárias	6,000
Campos - <b>SC-AR2 e SC-AR3</b>	1,000	0.16	0.8	0	0	Fm. Macaé	6,000
Espírito Santo (mar) – <b>SES-AR1 e SES-AR2</b>	1,000	0.16	0.8	0	0	Fm. Urucutuca	6,000
Foz do Amazonas - <b>SFZA-AR1 e SFZA-AR2</b>	1,000	0.16	0.8	0	0	Fm. Amapá	6,000
Santos - <b>SS-AR3 e SS-AR4</b>	1,000	0.16	0.8	0	0	Fm. Guarujá	6,000
Campos - <b>SC-AP1</b>	1,000	0.08	0.40	0	0	Fm. Ubatuba/Mb Tamoios	12,000
Pelotas - <b>SP-AP3</b>	1,000	0.08	0.40	0	0	Fm. Imbé	12,000
Santos – <b>SS-AP4</b>	1,000	0.08	0.40	0	0	Fm. Itajaí-açu	12,000
Jequitinhonha - <b>SJ-AP</b>	1,000	0.08	0.40	0	0	Fm. Urucutuca	12,000
Potiguar (terra) - <b>SPOT-T2, SPOT-T3, SPOT-T4 e SPOT-T5</b>	1,000	10	50	10	10	Fm. Açu	1,000
Recôncavo - <b>SREC-T2</b>	1,000	10	50	10	10	Gr. Ilhas	1,000
Espírito Santo (terra) - <b>SES-T2, SES-T4 e SES- T6</b>	1,000	10	50	10	10	Fm. Mariricu	1,000

**Notes:**

1. For compliance with the Minimum Exploration Program, the exploration work listed in this Table will be accepted, converted into Work Units by multiplying the performed physical values (exploration well unit, km of 2D seismic, km<sup>2</sup> of 3D seismic, aeromagnetic, gravimetric and geochemistry surveys) by the value listed in the Table. Non-exclusive surveys authorized by the ANP will only be accepted in accordance with the conditions listed in section 2.1 of this Initial Tender Protocol.
2. Extension wells will not be counted for the compliance with the Minimum Exploration Program.
3. For compliance with the Minimum Exploration Program, onshore gravimetric surveys will be accepted, with a maximum spacing of 100 meters between the data collection stations, and metric aeromagnetic surveys with a maximum spacing between flight lines of 100 meters which cover the entire area of the block. If the two surveys are performed 20 Work Units will be credited.
4. For compliance with the Minimum Exploration Program, geochemistry surveys will be accepted, covering the entire block with a maximum spacing of 800 meters between sampling points with analysis of, at least, the free hydrocarbons content, detailing the concentration of gases and liquids detected.
5. In order to be considered for compliance with the Minimum Exploration Program, the wells must be drilled until they at least reach these lithostratigraphic objectives. However, the ANP may, at its sole discretion, accept other objectives with proven prospects.
6. The indicated values represent the Financial Guarantees values, by WU, for the Minimum Exploration Program of the First Exploration Period. To obtain the Financial Guarantee value of each block, the number of WUs of the Minimum Exploration Program must be multiplied by the value indicated in the Table. The values of the Financial Guarantees for the Second Exploration Period will be defined at the beginning of this Period, based on the costs applicable at that time.

**TABLE 3**  
**REDUCTION FACTORS OF THE NON-EXCLUSIVE SURVEYS FOR COMPLIANCE WITH THE**  
**MINIMUM EXPLORATION PROGRAM OF THE FIRST EXPLORATION PERIOD**

TIME BETWEEN THE ACQUISITION OPERATION START DATE AND THE DATE OF THE REQUEST FOR COMPLIANCE WITH THE MINIMUM EXPLORATION PROGRAM <sup>1</sup>	REDUCTION FACTOR <sup>2</sup>
0-1 year	1
1-2 years	0.9
2-3 years	0.8
3-4 years	0.7
4-5 years	0.6
5-6 years	0.5
6-7 years	0.4
7-8 years	0.3
8-9 years	0.2
9-10 years	0.1
>10 years	0

**Notes:**

1. Only non-exclusive surveys authorized by the ANP will be accepted provided the data acquisition companies have complied with all the data delivery requirements to the Exploration and Production Database (BDEP). For the purposes of accounting for the values to be considered for compliance with the Minimum Exploration Program of the first exploration period, the value of the WUs corresponding to the exploration work performed will be multiplied by the value in the Table, according to the time elapsed between the date of the request for compliance with the Minimum Exploration Program and the data acquisition start date.

**2.2. Minimum Local Investments for the Exploration Phase and Development Stage (“Local Content”)**

1. The Concession Agreements will set minimum values for the acquisition of goods and services from local suppliers, expressed as a percentage of the Exploration Phase and Development Stage expenses, as shown in Table 4.

**TABLE 4**  
**MINIMUM MANDATORY PERCENTAGES OF LOCAL INVESTMENTS FOR THE**  
**EXPLORATION PHASE AND DEVELOPMENT STAGE**

Operational qualification for the block	Exploration Phase (Factor E)	Development Stage (Factor D)
A	30%	30%
B	50%	60%
C	70%	70%

**Note:**

1. Exclusively for offshore blocks, the total expenses for acquisition of geophysical data will be excluded from the calculations for assuring compliance with the minimum mandatory local content for the Exploration Phase.

2. In addition to the detailed minimum mandatory percentages shown in Table 4, applicable to all expenses in relation to the operations of the Exploration Phase and Development Stage, respectively, some activities may have additional specific percentages which will be volunteered by the companies during the bidding conference and considered for the purposes of determining the winning bid, in accordance with items 4.4 and 4.6.

### **2.3. Government Participation**

1. The form of Government Participation was established in the Petroleum Law and in Presidential Decree 2.705 of August 3, 1998. This consists of: i) signature bonus, ii)royalty, iii)special participation, and iv)rentals.

2. The royalty rate is 10% (ten percent) of the value of production, although the ANP has the right to lower this, in its sole discretion, to as little as 5% (five percent) to take into account geologic risk, production expectations and/or other relevant factors (such as production in remote areas, non-associated gas, and heavy oil). Special Participation (SP) will be calculated quarterly and is based on the net income from production for each field on an individual basis. The rate applicable will be calculated based on the volume of production, its location (onshore, offshore continental shelf or as a function of water depth) and the year of production (1st, 2nd, 3rd, or 4th and beyond) in accordance with the provisions of Decree 2.705/98 and specific Portarias promulgated by the ANP.

3. Unit values for the annual payment of area surface rentals for the Exploration Phase are defined in Table 1. In the event of extension of the Exploration Phase, if applicable, and for the Development Stage of the Production Phase, the values are double those contained in Table 1. Rentals in the Production Phase are ten times those in the first Exploration Period. The unit values for the payment of rentals are set out in Table 1 and are those in force on 11/30/2002. These are subject to annual indexation by the Índice Geral de Preços-Disponibilidade Interna (IGP-DI) published by the Fundação Getúlio Vargas (FGV).

### **2.4. Other Duties and Taxes**

1. The Concessionaire will be subject to other duties and taxes in accordance with Brazilian Law. This includes, Article 52 of the Petroleum Law which establishes , a payment of a percentage between 0.5% and 1% (to be set by the ANP) of the production value to the owner of the land where the production activity takes place.

## **2.5. Import and Export Duties (REPETRO)**

1. Decree 3161 of September 2, 1999, later consolidated by Decree 4543 of December 26, 2002, instituted a customs regime for the import and export of goods intended for the exploration and production of oil and gas (REPETRO) which provides special treatment for certain goods and replacement parts which are made locally and are used in these activities. Normative Rule 4 (Instrução Normativa nº 4) of the Federal Revenue and Customs Secretariat (Secretaria da Receita Federal ) of January 16, 2001, lists the goods subject to REPETRO provisions.

2. In addition, Decree 3787/2001 authorizes the import (before December 31, 2007) of equipment used in oil and gas exploration and production activities under temporary admission regime, with the suspension of import duties (“II”) and industrial products tax (“IPI”).

## **2.6. Investments in Research and Development**

1. Companies which enter into Concession Agreements for each of the Blocks offered in Brasil Round 5, and subsequently move on to discover and develop fields that pay Special Participation (SP), will be required to undertake commitments to the funding of research and development (R&D) in the amount of 1% (one percent) of the gross revenues from such fields subject.

2. Up to 50% of this may be used in the Company's own R&D facilities within Brazil. The balance must be invested in collaboration with university and/or national R&D institutions registered with the ANP. R&D investments made in excess of the minimum in any one year may be credited against obligations in later years, in accordance with the terms of the Concession Agreement.

## **2.7. Commitment to Acquire Local Goods and Services**

1. As a part of the criteria for the evaluation of bids, Companies or Consortia may offer to commit to acquiring minimum mandatory amounts of goods and services from Brazilian suppliers in the Exploration Phase and in the Development Stage of each block awarded. The percentage offered by the winning Companies or Consortia will be incorporated into specific clauses within the Concession Agreement. Additional details will be provided in the Edital.

## **2.8. Safety Standards**

1. Oil and gas exploration and production activities in the Blocks will be subject to Brazilian Law and the applicable regulations of the ANP, and must comply with the “best practices” of the petroleum industry, particularly with regard to health and safety of human resources, public safety, and preservation of the environment.

## **2.9. Applicable Law**

1. The Concession Agreement will be governed by the laws of the República Federativa do Brasil. Any issue which cannot be settled between the parties will be submitted to arbitration in accordance with Law 9307 of September 23, 1996. The venue for the settlement of any disputes, disagreements, or conflicts arising between the parties in the course of the Concession Agreement will be Rio de Janeiro.

### 3. DOCUMENTATION FOR PARTICIPATING IN THE OFFERING

1. In order to participate in Brasil Round 5, a company must be individually qualified by completing the following requirements:

- Submission of a formal Expression of Interest, containing all the documents and information described in section 3.2 of this Initial Tender Protocol;
- Submission of a Power of Attorney nominating and empowering a Accredited Representative in front of the ANP for the purposes of Brasil Round 5;
- Submission of a Confidentiality Agreement signed by the Accredited Representative;
- Receiving from the ANP a notice of its technical, legal, and financial qualification; and
- Payment of the appropriate Participation Fee.

2. Once completed, the Company will be considered qualified, being able to bid in accordance with the provisions of Section 4 of this Initial Tender Protocol.

3. A Company which has submitted the Expression of Interest and the Confidentiality Agreement may, at its sole discretion, pay the Participation Fee in advance of submitting its technical, legal, and financial qualification material in order to gain more timely access to the Information Package. In this event, the Company is entirely responsible for assuring itself that it will be able to meet the technical, legal, and financial criteria established by the ANP for the qualification category it desires. The ANP will not reimburse the Participation Fee if a Company later withdraws from the bidding process, does not qualify or fails to receive the Operator category it seeks.

4. Two copies of all documents should be submitted, at the address mentioned in section 6.1 of this Initial Tender Protocol. Those which require notarization, consularization and sworn legal translation (if necessary) are shown in section 3.5 of this Initial Tender Protocol.

5. No documentation submitted to the ANP will be returned with the exception of any documents necessary for the cancellation of Bid Bonds subsequent to the terms outlined in section 4.1 of this Initial Tender Protocol.

### **3.1. Qualification of Parent or Controlling Company**

1. All documentation submitted should relate to the ultimate parent company which, as in accordance with section 5 of this Initial Tender Protocol, may designate an affiliate to sign the Concession Agreement, in the event of success. The ANP may, at its sole discretion, allow the qualification of a significant subsidiary company.

### **3.2. Expression of Interest**

1. The qualification process begins with the submission of the Expression of Interest, which should contain at a minimum the following information along with any other information the Company deems relevant:

- The name of the Company and any persons which hold more than 20% (twenty percent) of the voting capital with the description of their respective participation. The ANP reserves the right to ask for further clarification as to Company ownership/control;
- Power of Attorney for the nomination of the Accredited Representative. Each company participating in Brasil Round 5 must nominate one or more Accredited Representative(s) to represent the company with ANP, to whom all and every correspondence related to Brasil Round 5 will be sent. The Accredited Representative(s) will be nominated by Power of Attorney under the terms of Annex III, signed by the company's Legal Representative. It is advisable that the Accredited Representative is an employee who will be available during the entire bidding process in order to ensure that requests and information sent to him by the ANP will be forwarded to the relevant sectors of the company. It must be emphasized that the signatory of the Concession Agreement does not obligatorily have to be the designated Accredited Representative(s) for the bidding process. This document may be written in Portuguese or in English. If written in English it must be notarized, consularized and translated by a sworn translator;
- The name, title, address, telephone and fax numbers, and e-mail address of the Accredited Representative(s);
- A duly notarized Cover Letter, signed by the Accredited Representative of the Company, certifying that all of the information contained in this Expression of Interest is true and correct. If signed abroad, it must be notarized and consularized in the country of origin, if written in English it must be translated into Portuguese by a sworn translator. If the Expression

of Interest is submitted in two or more parts, each part should be accompanied by a Cover Letter; and

- A Confidentiality Agreement (in accordance with Annex IV) signed by the Accredited Representative of the Company. If the Confidentiality Agreement is written in Portuguese, it must be notarized at a local notary's office or an equivalent institution and then consularized at a Brazilian Consulate in the country of issue. If the document is in English, in addition to the procedures above, it must be translated into Portuguese by a sworn translator. The ANP suggests the translation follows exactly the model in Annex IV of this Initial Tender Protocol and reserves the right to refuse translations that do not reflect faithfully the requirements of that model.

2. Expressions of Interest may be submitted during normal business hours at the address listed in section 3.9 of this Initial Tender Protocol at any time up to 15 calendar days after the publication of the Edital.

### **3.3. Technical Qualification**

1. Technical qualification of the companies will be based on their respective demonstrated experience in oil and gas exploration and production activities. A Company may seek technical qualification either as:

- Operator; or
- Non-Operator.

2. The qualification type sought should be clearly stated in the Expression of Interest, bearing in mind that qualification as an Operator is required in order to bid alone on a Block. Conversely, a Company qualified as a Non-Operator may participate in Brasil Round 5 in a consortium which has, as Operator, a Company qualified to operate the Block in question.

3. Technical qualification will always be based upon the demonstrated capability of the group controlling the applicant Company. Information supplied should include:

- For Companies that are not in the exploration and production business, or only requiring qualification as a Non-Operator, an overview of their activities in their primary business(es), and the relationship of the applicant Company to its parent company/group; or
- For Companies that seek qualification as an Operator, full information supporting their operating capability. This should include information on areas in the world where current exploration and production activities are

conducted, along with current and recent (last five years) production and investment (exploration and production separately) levels. Detailed information should be provided separately by operated and non-operated production, as well as specific reference to the extent and location of the Company's (operated and non-operated) activities.

4. Companies qualified as Operators will be classified in three categories:

- "A" Operator - Company qualified to operate in any Block offered in Brasil Round 5
- "B" Operator - Company qualified to operate in Blocks designated "B" or "C", as described in Table I under column "Required Technical Qualification; or
- "C" Operator –Company qualified to operate in the Blocks designated as "C", as described in Table I under column "Required Technical Qualification.

5. The classification of the Company as an Operator "A", "B", or "C" will be established from the following parameters:

- Level of oil equivalent production: 1 (one) point will be awarded for each 10,000 barrels per day of oil equivalent production, up to a maximum of 40 (forty) points. Only operated production will be considered;
- Onshore exploration and production operations: 10 (ten) points will be awarded for companies that are involved, as Operator, in onshore exploration and 10 (ten) points will be awarded to companies which have, as Operator, onshore production activities. Companies that are not Operators that can prove their experience in providing technical services to the oil companies will be awarded 5 (five) points for services related to onshore exploration and 5 (five) points for services related to onshore production;
- Offshore exploration and production operations: 15 (fifteen) points will be awarded for companies that are involved, as Operator, in offshore exploration and 15 (fifteen) points will be awarded to companies which have, as Operator, offshore production activities. This criteria will be applied to the exploration blocks or producing fields with 50% (fifty percent) or more of its surface area in water depths 0 (zero) to 400 (four hundred) meters. Companies that are not Operators that can prove their experience in providing technical services to the oil companies will be awarded 5 (five) points for services related to offshore exploration and 5 (five) points for services related to offshore production;

- Exploration and production operations in deep and ultra-deep waters: 10 (ten) points will be awarded for companies that are involved, as Operator, in deepwater offshore exploration and 10 (ten) points will be awarded to companies which have, as Operator, deepwater offshore production activities. This criteria will be applied to the exploration blocks or producing fields with 50% (fifty percent) or more of its surface area in water depths greater than 400 meters;
- Exploration and production operations in adverse (hostile or difficult) environments: 20 (twenty) points will be awarded to companies that can provide evidence of their experience in adverse environments (for example, drilling in high pressure and temperature conditions, activities in remote areas and production of heavy oils will be considered under this criterion;
- Experience with operations in environmentally sensitive areas: 10 (ten) points will be awarded to companies that can provide evidence of their experience in environmentally sensitive areas and present a track-record of care for the environment. Point deduction can be considered in this criterion, up to a maximum of –160 (minus one hundred and sixty) points ;
- Overall experience in international operations: companies that can prove their operational experience of exploration and production of oil and natural gas in 3 (three) or more continents will be awarded 20 (twenty) points. Companies with proven services to oil and gas or energy related activities in 3 (three) or more continents will be awarded 10 (ten) points. The following are considered separate continents to Latin America and the Caribbean– North America, Africa, Europe, Asia and Oceania;

6. Companies that do not have demonstrable operating experience, but who nevertheless wish to be considered for “B” or “C” operator classification, should submit detailed curriculum vitae for employees with relevant exploration and production operating experience detailing their engagement arrangements with the company. The number of professionals, their experience in oil and gas related activities and the nature of their relationship to the company (service contractor, temporary contract, part-time dedication, exclusive dedication, etc.) will be taken into consideration. 5 (five) levels of points will apply – 30 (thirty), 20 (twenty), 10 (ten), 5 (five) and 0 (zero) based on the quality of the technical group. 30 (thirty) points will be awarded for a professional team considered “excellent”, 20 (twenty) points for a professional team considered “very

good”, 10 (ten) points for a professional team considered “good”, 5 (five) points for a professional team considered “average” and 0 (zero) points for a professional team considered “inadequate”.

7. For the purposes of categorizing each company’s technical qualification, the following criteria will apply:

- From 1 (one) to 29 (twenty-nine) points: “C” Operator
- From 30 (thirty) to 99 (ninety-nine) points: “B” Operator
- 100 (one hundred) points or more: “A” Operator

8. In the interest of minimizing the required time for the technical qualification process, the ANP suggests that the information be concise, clear and objective, and focused to that which is solicited by the ANP or other factors relevant to evaluation of the technical qualification. The ANP reserves the right to seek such additional information as it deems necessary.

9. Companies must submit a technical summary of one to two pages of the technical submission, warranting clearly that it is a fair and true summary of the technical information submitted. This summary must be signed by the Accredited Representative of the company and properly notarized. If submitted in English, the document must be notarized, certified by the relevant Brazilian consulate, and translated in Brazil by a sworn legal translator. Detailed technical information may be submitted in English or Portuguese without any requirement for notarization, consular certification or translation.

### **3.4. Financial Qualification**

1. Financial qualification for companies interested in participating in Brasil Round 5 will be established based on the following parameters:

- Consolidated financial statements for the applicant Company (the one that is to provide the guarantees required under the Concession Agreement). These statements should be audited (by an independent auditor), and complete with accompanying notes for the last three years;
- The auditor’s opinion letter referencing the financial statements of the company, signed by an independent public accountant, certifying that the documents reflect the real condition of the company and have been prepared in accordance with the relevant accounting and reporting standards. If prepared in English, the

document must be notarized, certified by the relevant Brazilian consulate, and translated in Brazil by a sworn legal translator;

- In the case of state-owned companies from countries where legislation prohibits audit of the company by an independent auditor, a notarized opinion letter referencing the financial statements of the company, signed by a certified public accountant, certifying that the documents reflect the real condition of the company and have been prepared in accordance with the relevant accounting and reporting standards. In this case, the company will need to include a legal certification from two lawyers independent of the company, working in the country where the law applies, certifying the prohibition and the validity of the substitute declaration attached to a certificate confirming the lawyers accreditation at his/hers specific Professional Organization. If prepared in a language other than Portuguese, the document must be notarized, certified by the relevant Brazilian consulate, and translated into Portuguese in Brazil by a sworn legal translator;
- The applicant Company's present and historical credit rating from Standard & Poors Rating Services and/or Moody's Investor Services ratings, if available, or lines of credit, credit agreements, and any other bank reference;
- Description of long-term debt, including major lease obligations, and identification of major assets which are the subject of financial security arrangements;
- Description of any material contingent liabilities or obligations not reflected on the Company's Balance Sheet and accompanying notes which may impact the future activities of the Company;
- Details of medium-term plans, if these are expected to materially alter the financial status of the Company; and
- Any additional information supporting the financial capacity of the applicant.

2. Financially qualified companies will be responsible for providing the Financial and Performance Guarantees required in the Concession Agreement. If prepared in English, the Performance Guarantees must be notarized, certified by the relevant Brazilian consulate, and translated in Brazil by a sworn legal translator.

3. Companies with less than the equivalent of R\$20,000,000 (twenty million Reals) of shareholder equity will not be qualified to operate "A" or "B" Blocks, listed in Table 1.

4. In no event will it be possible to qualify companies with less than R\$1,000,000 (one million Reals) of shareholder equity.

5. Companies wishing to participate in the bidding for “C” Blocks must have the equivalent of a minimum of R\$3,000,000 (three million Reals) of shareholder equity. However, Companies with minimum shareholder equity of R\$1,000,000 (one million Reals) may be qualified to participate in the bidding for the “C” Blocks provided they bid within a Consortium in which the aggregate shareholder equity for the Companies within the Consortium is greater than R\$3,000,000 (three million Reals).

6. The ANP will be the sole arbiter of what constitutes shareholder equity.

### **3.5. Legal Qualification**

1. In order to secure legal qualification for this process, the following documents (or equivalent) must be submitted:

- Delivery of documents and information required in the Expression of Interest, according to Section 3.2 of this Initial Tender Protocol;
- A notarized complete copy of the Articles of Incorporation and By-laws of the applicant Company registered with the Business Registry (or equivalent competent body) in the place of incorporation; and
- An express declaration by the Company’s Accredited Representative that there are no pending litigation, legal proceedings or other circumstances which may lead to the failure or bankruptcy of the Company.

2. Participants from other countries should present, along with the documents listed above, the following:

- Proof that the Company is legally constituted, organized and functions according to the laws of its home country;
- An undertaking that, in the event the Company is successful in the bidding, it will constitute a company with its headquarters and management in Brazil according to Brazilian laws.

3. The documents that must be notarized, consularized, and translated are indicated in Table 5.

Table 5 – Formalization of Documentation for Qualification

Type of Document	Document	Mandatory	Notarized	Foreign Companies	
				Certified by a Brazilian Consulate (when notarized abroad)	Translated by a sworn translator in Brazil (only when written in a foreign idiom)
Formal Documents (Foreign Companies should submit in the original language accompanied by the sworn translation.)	Articles of Incorporation	✓	✓	✓	✓
	By-laws	✓	✓	✓	✓
	Opinion of Independent Auditor	✓	✓	✓	✓
Brasil Round 5 Specific Documents (Only in Portuguese or English, according to models provided by the ANP)	Cover Letter	✓	✓	✓	✓
	Power of Attorney	✓	✓	✓	✓
	Confidentiality Agreement	✓	✓	✓	✓
“Free form” Documents (Only in Portuguese or English)	Technical Summary (1-2 pages)	(only for operators)	✓	✓	✓
	Declaration confirming validity of documents presented in previous Rounds	Only for companies that participated in previous Rounds	✓	✓	✓
Support Documents (only in Portuguese or English)	Technical Information	(Only for Operators)	<b>Formalization not required</b>		
	Financial Information	✓			

### **3.6. Data and Information Packages**

1. A fully digital Information Package has been prepared for each Basin and the respective Blocks offered in Brasil Round 5. In total, there are 12 Data and Information Packages covering the basin sectors listed in Table 6.

2. Each package is a set of regional data, including seismic lines and selected wells for each sector or group of sectors.

3. It should be noted that the type, quantity, and quality of the data in the Information Package will vary, between basins and Blocks, and also between sectors within the same basin. However, the generic contents for each Data and Information Package, when available, will be along the following lines:

#### **General Information:**

- Geological setting and overview such as: geological description, stratigraphic column, schematic cross-section, etc and other pertinent information.

#### **Location Maps**

- Basin map with Block locations;
- Basin maps showing division of sectors;
- Block maps with well locations and seismic coverage detailing the data included in the Data and Information Packages and the additional data existing in the Exploration and Production Database – BDEP;
- Regional framework structure map;
- Regional gravimetric and magnetic maps (most basins have coverage, although not always over the distal/deep waters Blocks);

#### **Seismic Data**

- Regional seismic data in standard SEG Y format;

#### **Well Data**

- Composite logs for all wells included in the Data and Information Package;
- All log curves for wells included in the Data and Information Package.
- Geochemistry Data, when available:
- Well files including geological (paleontological, core analyses, sedimentology, geochemistry, etc.) drilling (program, fluids, casing, cementing, etc.), and production (, completions, testing, logging, fluid sample analyses, etc.) data and other relevant information.

4. Part of the information provided in the Information Package is also provided in English, however some data (e.g. well files) will only be available in Portuguese.

5. The Data and Information Packages may only be retrieved by the Accredited Representative(s), or their designee(s), of the Companies who have delivered the Expression of Interest with the respective Confidentiality Agreement and Power of Attorney, according to Section 3.2, and after the payment of the appropriate Participation Fee (described in Section 3.7) of this Initial Tender Protocol). The Accredited Representative or its designee must present personal document of identification, as well as the receipt sent by the ANP confirming payment of the Participation Fee and authorizing the retrieval of the Information Package.

6. The Data and Information Packages can be retrieved from March 13<sup>th</sup>, 2003 up to one day before the beginning of the bidding, from 9:00 to 11:45 AM and from 2:00 PM to 5:00 PM, at the following address:

Agência Nacional do Petróleo  
Licensing Rounds Promotion  
Rua Senador Dantas, 105, 11<sup>o</sup> andar  
Rio de Janeiro-RJ, Brazil

7. A quota of data, determined by the ANP will be provided to those companies that have paid the Participation Fees, which will be chosen exclusively in the basin sector(s) for which the participation fees has been paid. This quota shall be requested only by the Accredited Representative(s), by fax, letter or e-mail sent to the addresses mentioned in Section 6.1 of this Initial Tender Protocol, following the procedures described in Annex II.

8. Table 6 details the maximum limits for the request of the quotas of data by the companies that pay the participation fees for each sector or group of sectors. Additional data that are in excess of the quota may be obtained from the BDEP, according to the directions for use available on the web page [www.bdep.gov.br](http://www.bdep.gov.br).

9. The well data in the quota of data is exclusively log curves, composed logs and well files.

10. All seismic lines requested as part of the quota of data will be entirely recovered (without cuts).

11. Georeferenced projects containing the position of the wells and the seismic lines available in the BDEP will be available in the Data and Information Package and may be requested as part of the quota of data for a determined sector or group of sectors.

**TABLE 6**  
**QUOTA OF DATA TO BE RETRIEVED FROM THE BDEP**

Basin	Sector(s)	Client Room (hours)	Wells	km of seismic lines post-stack 2D
<b>ONSHORE</b>				
Potiguar	SPOT-T2, SPOT-T3, SPOT-T4 e SPOT-T5	2	30	0
Recôncavo	SREC-T2	2	10	0
Espírito Santo	SES-T2, SES-T4 e SES-T6	2	20	0
<b>OFFSHORE</b>				
Barreirinhas	SBAR-AR2	2	0	1,500
Campos	SC-AR2 e SC-AR3	3	0	3,500
Campos	SC-AP1	2	0	1,500
Espírito Santo	SES-AR1 e SES-AR2	3	0	3,000
Foz do Amazonas	SFZA-AR1 e SFZA-AR2	3	0	1,000
Jequitinhonha	SJ-AP	2	0	1,000
Pelotas	SP-AP3	2	0	2,000
Santos	SS-AR3 e SS-AR4	3	0	4,500
Santos	SS-AP4	2	0	3,000

### 3.7. Participation Fees

1. Along with securing the technical, financial, and legal qualifications previously described, in order to take part in Brasil Round 5, Companies must pay a Participation Fee which varies according to the basin where the Blocks are located. Such Fees may be paid by sector or group of sectors, exclusively according to the details in Table 7. Companies may only submit bids for Blocks located in the basin sectors for which they have paid Participation Fees. The Participation Fees are shown in Table 7. The Information Packages referred to in Section 0 of this Initial Tender Protocol document will be made available to the Companies after payment of the Participation Fee and execution of the Expression of Interest described in Section 3.2 of this Initial Tender Protocol.

2. Participation Fees may be paid in Reals. The amount will be equivalent to the US Dollars amount converted at the official “sell” exchange rate (BACEN/Ptax venda) published by the Central Bank one working day prior to the payment.

3. Companies who have paid Participation Fees for basin sectors or group of sectors, may later pay additional Participation Fees for other basin sectors. The

payment of a Participation Fee for individual blocks in each basin sector or for groups of sectors other than those listed in Table 7 will not be permitted under any circumstances.

4. Companies are required to pay the appropriate Participation Fee whether bidding alone or in a Consortium. Instructions for the payment of the Participation Fee are attached as Annex II.

5. The Participation Fee will not be, under any circumstances, returned or substituted.

**TABLE 7**  
**GROUPS OF DATA PACKAGES AND PARTICIPATION FEES**

Basin	Sector(s)	Participation Fee (US\$) (Up to 31/May/2003)	Participation Fee (US\$) (By or up to 1/June/2003)
<b>ONSHORE</b>			
Potiguar	SPOT-T2, SPOT-T3, SPOT-T4 e SPOT-T5	7,000	8,750
Recôncavo	SREC-T2	7,000	8,750
Espírito Santo	SES-T2, SES-T4 e SES-T6	7,000	8,750
<b>OFFSHORE</b>			
Barreirinhas	SBAR-AR2	20,000	25,000
Campos	SC-AR2 e SC-AR3	25,000	31,250
Campos	SC-AP1	50,000	62,500
Espírito Santo	SES-AR1 e SES-AR2	20,000	25,000
Foz do Amazonas	SFZA-AR1 e SFZA-AR2	20,000	25,000
Jequitinhonha	SJ-AP	40,000	50,000
Pelotas	SP-AP3	40,000	50,000
Santos	SS-AR3 e SS-AR4	25,000	31,250
Santos	SS-AP4	50,000	62,500
<b>ALL SECTORS</b>		311,000	388,750

**Notes:**

1. The above values refer to the sector or group of sectors mentioned in the table, as the case may be.
2. For payments on or after June 1<sup>st</sup>, 2003, the payment fee will increase by 25%.

### **3.8. Companies Qualified in Previous ANP Licensing Rounds**

1. Companies which were qualified to participate in previous Rounds can follow a simplified qualification process and should present the following documents:

- A formal Expression of Interest, including all the documents and information mentioned in section 3.2;
- The most recent financial documentation available in accordance with section 3.4 of this Initial Tender Protocol;

- Supplementary information which should contain updated Company accounts and financial statements, as well as an explicit statement signed by the Accredited Representative of the Company for Brasil Round 5 to the effect that the documents and information presented for participation in one of the previous Rounds remain valid and have not materially changed since they were submitted to the ANP. Where there has been material change, updated versions of all such documents must be submitted and in compliance with the formalization requirements described in Table 5.
- Express declaration by the Company's Accredited Representative in respect to all relevant pending litigation or legal proceedings including those which may lead to the failure, receivership or bankruptcy of the Company or any other event that can affect the Company's good financial standing.

2. The ANP may, at its sole discretion, require clarification and/additional documents from Companies qualified in previous Rounds, as well as to revise the technical qualification obtained. Qualification in any previous Round does not guarantee qualification for Brasil Round 5.

### **3.9. Deadlines and locations for delivering qualification documents**

1. Qualification documents will be accepted up to 5:00 p.m. (Brasilia time), 15 days after the publication of the Edital, at the following address:

Brasil Round 5  
 Agência Nacional do Petróleo  
 Superintendência de Promoção de Licitações  
 Rua Senador Dantas 105, 11o Andar  
 20031-201 Rio de Janeiro, RJ, Brasil

2. In exceptional circumstances, Companies may apply to change their designated Accredited Representative(s) after the above deadline by submitting a new Power of Attorney (in accordance with Annex III) and providing the ANP with suitable justification for the revision. Acceptance of this change will be at the sole discretion of the ANP.

### **3.10. Consortia**

1. In order to participate in Brasil Round 5, all Companies must be qualified individually. Qualified Companies will be free to form bidding Consortia up to the

deadline for submission of bids for each Block that will be described in the Edital. The only restrictions that will apply are:

- Each Consortium must contain a Company qualified as an Operator for the Block in question;
- The Operator must have a minimum 30% interest in the Consortium;
- The minimum interest that may be held by an applicant in a Consortium is 5%;
- As required in Law 9478 (Article 38, Paragraph IV), no Company, nor any of its affiliates or otherwise related companies, will be permitted to make more than one bid for the same Block, whether individually or in Consortia. A Company and its affiliates may, however, participate in other Consortia in order to make an offer for different Blocks.
- Evidence of a formal undertaking to form a Consortium, signed by all members of the Consortium, will conform to the form on the bidding envelope provided by the ANP. Bids for the Blocks must be delivered in these envelopes.

2. In the event a Company wishes to withdraw from a Consortium following submission of a successful bid but before signing the Concession Agreement, the remaining Consortium member(s) must assume the obligation of the withdrawing Company. In no circumstances will new Companies be permitted into the Consortium during this period.

### **3.11. Non-Disclosure Undertaking on the Part of the ANP**

1. The ANP commits to keep the identification of the participating companies confidential throughout the entire qualification process for Brasil Round 5. Documents submitted by the Companies will be considered permanently to be of a confidential nature and will not be disclosed except where authorized in writing by the relevant Accredited Representative pursuant to section 3.12 of this Initial Tender Protocol, or where required under Brazilian law.

### **3.12. Disclosure of Information**

1. Companies who have qualified technically and who have paid the Participation Fee may request the ANP to disclose, on the Brasil Round 5 web-site ([www.Brasil-Rounds.gov.br](http://www.Brasil-Rounds.gov.br)), certain information about the Company and the basins in which they may be interested. The form to effect this disclosure, which must be signed by the Accredited Representative of the Company, is attached as Annex V.

### **3.13. Notification of Qualification**

1. Companies who submit technical qualification information (either on its own or along with financial and legal information) will have their qualification reviewed as soon as possible. The ANP expects to advise the results to the submitting Companies within 21 working days of submission. Generally, technical qualification will be dealt with ahead of legal and financial qualification.

2. As it may be necessary in some cases to seek clarification on various points, notification will not necessarily be based on the order in which Expressions of Interest are received by the ANP.

### **3.14. Qualification**

1. Companies who have paid the Participation Fee and received technical, financial and legal qualification notice from the ANP are eligible to present bids individually or in consortia in Brasil Round 5.

2. The decision as to whether and how to qualify an applicant will be made by the ANP through the Comissão Especial de Licitação (Special Licensing Committee or “CEL”) designated by the ANP’s Board of Directors.

### **3.15. Disqualification**

1. The qualification of prospective bidders may be cancelled in the following circumstances:

- Declaration of bankruptcy, dissolution, or sale of the Company;
- At the request of the Company;
- Proven misrepresentation by the Company;
- Failure to comply with the conditions of this bidding process; or
- Any illegal act proved in a court of law.

## 4. BIDDING STAGE

The deadline and place of delivery of the Bids will be advised in the Edital, which will be issued coincident with the final version of the Concession Agreement.

### 4.1. Bid Bond

1. In order to guarantee the winning bidder's obligation to sign the Concession Agreement for the relevant Block(s), each Company or Consortium should present to the ANP Bid Bonds for each Block on which the Company presents a Bid. Such Bid Bonds must be presented before the date for the submission of Bids. The Bid Bonds will be in the amount of US\$20,000 (twenty thousand United States Dollars) for offshore blocks and in the amount of US\$2,000 (two thousand United States Dollars) for onshore blocks. The form of Bid Bonds will be published in the Edital and comply with the following:

- Each Bid Bond must be submitted to the ANP by the deadline stipulated in the Edital.
- In the case of a Consortium, the Bid Bond can be provided by any of the Companies in the Consortium, in which case the Bid Envelope should indicate whose Bid Bond will be used by the Consortium to guarantee the execution of the Concession Agreement for the Block being offered.
- Companies may present Bid Bonds in any number and value they wish. During the bidding, the value of the Bid Bonds for blocks awarded to the winning Company and for which the Company has presented the Bid Bond, will be deducted from the value of the Bid Bond(s) presented by the Company.
- Companies or Consortia that have the intention of presenting Bids for more than one Block should ensure that they have a sufficient number of Bid Bonds, so that they will not be limited in their capacity to present Bids.
- Bid Bonds will take the form of Letters of Credit issued by a sufficiently qualified bank or financial institution which comply with the requirements to be outlined in the Edital.
- The Bid Bonds that were not used to guarantee winning bids will be returned the week following the Bid Round, along with all other documentation necessary for their cancellation. All other documentation sent to the ANP will not be returned.

The used Bid Bonds, even those of partial values, will be returned only after the signing of the Concession Agreements.

2. The ANP may draw on the Bid Bond in the following circumstances:

- The winning Company, or any participating Company in the winning Consortium, or an affiliated Company of the Company or winning Consortium does not sign the Concession Agreement before the deadline to be defined in the Edital;
- The Letter of Credit for the Minimum Exploration Program is not provided to the ANP before the date to be specified in the Edital, thus precluding signing the Concession Agreement;
- The Signature Bonus is not paid before the date, to be specified in the Edital, for signing the Concession Agreement; or
- In the case of an affiliate signing the Concession Agreement, if a Company does not present a Guarantee of Performance for that affiliate in accordance with the form and conditions to be published in the Edital.

3. If none of the foregoing events occur, the ANP will return the Bid Bond to the Company that presented it, along with the documentation necessary for its cancellation.

#### **4.2. Bidding Process**

1. The Bidding Process and the determining of the winning bid will be guided by the following rules:

- Bids for a specific block can be presented by any Company that is qualified as Operator for the block, or by any Consortium where all of the members are individually qualified for the referenced block and where the leader of the Consortium is qualified as Operator for the block;
- Bids will be individual for each block offered. Bids for groups of blocks will not be accepted;
- Each Company or Consortium presenting bids for blocks in a determined sector will deliver an envelope containing all the individual bids for each block of this sector eventually completing the 21 sectors of Brasil Round 5. If the same Company presents bids in different consortia for blocks in the same sector, the bid must be presented in a separate envelope;
- No Company can make more than one bid for the same block whether individually or in a consortium. Such limitation is also extended to its affiliates;
- The Special Tender Committee (CEL) will review the completion of the bid envelope forms and, at its sole discretion, ask for any required corrections;

- The bid envelopes will be opened immediately following the deadline for their submission and review by the Special Licensing Committee;
- The winning bidder for each block in a determined sector of the basin will be known before bids are submitted for the next sector;
- The bidding process will be carried out in a transparent and public manner;
- The bids will conform directly to the instructions contained in this Initial Tender Protocol and in the Final Tender Protocol.

#### **4.3. Signature Bonus**

1. The Signature Bonus cannot be less than the established minimum bonus. For the Blocks designated for “C” Operators, the minimum Signature Bonus will be R\$10,000 (ten thousand Brazilian Reals). For the Blocks designated for “B” Operators, the minimum Signature Bonus will be R\$20,000 (twenty thousand Brazilian Reals). For the Blocks designated for “A” Operators, the minimum Signature Bonus will be R\$100,000 (one hundred thousand Brazilian Reals). Bids submitted for less than these minimum levels will be disqualified.

#### **4.4. Commitment to Acquire Local Goods and Services**

1. In addition to the minimum mandatory commitment for Local Investments in the Exploration Phase and Development Stage described in 2.2 (“Local Content”), a commitment to acquire local goods and services in the Exploration Phase and Development Stage will be considered in the evaluation of the bids, as detailed in the Concession Agreement.

2. The Local Goods and Services offers will be split into categories, each category consists of an operation, as shown in sections 4.6.3 and 4.6.4.

3. With the exclusive objective of following up the process in the future, each bid to be presented will obligatorily contain a declaration from the company or consortium, detailing the projections for local investments during the Exploration Phase and Development Stage in accordance with section 4.8.

#### **4.5. Minimum Exploration Program**

1. The Minimum Exploration Program offered, expressed in Work Units (WUs), to be entirely complied with during the First Exploration Period, exclusively in the area of the Block on offer will also be taken into account in the evaluation of the bids. The

accepted exploration work and the table of comparison of WUs, with the respective Bid Bond values for the Minimum Exploration Program, is found in Table 2.

2. Minimum Exploration Programs with values equal to zero will not be accepted. The presentation of bids of this nature will cause disqualification of the bid. Only Minimum Exploration Programs expressed in whole numbers of Work Units will be accepted.

#### **4.6. Evaluation of Bids**

1. The evaluation of the bids will be made by attributing points and weights, as follows:

##### **4.6.1. Signature Bonus**

1. The Signature Bonus will have a weight of 30 (thirty) for the calculation of the final score

2. The Signature Bonus cannot be less than the minimum value established in section 4.3. Any bid lower than the minimum value will be disqualified.

$$\text{Score A} = [(\text{Offered Bonus}) / (\text{Largest Offered Bonus})] \times 30$$

##### **4.6.2. Minimum Exploration Program**

1. A weight of 30 (thirty) will be given to the minimum exploratory period for the calculation of the final score.

2. The First Exploration Period requires the commitment of the concessionaires to a Minimum Exploration Program, expressed in integers of Working Units (WUs). The offered WUs will be included in the Concession Agreement. The offered WUs must be executed as equivalent exploratory work during the First Exploration Period, as shown in Table 2. Bids with a Minimum Exploration Program equal to zero will cause the bid to be disqualified.

$$\text{Score B} = [(\text{Exploration Program Offered, in WUs}) / (\text{value of the highest Exploration Program offered, in WUs})] \times 30$$

#### **4.6.3. Commitment to Acquire Local Goods and Services in the Exploration Phase**

1. The minimum mandatory percentage of local content described in Table 4 (Factor E) will be applicable to the expenses relating to the Concession Agreement in the Exploration Phase. Additional specific commitments will be considered for the purpose of judging the bids and will be added to the minimum values established in Table 4 and will be inserted as additional obligations in the Concession Agreement. Bids less than the minimum mandatory value will be disqualified.

2. The score attributed for the offered commitment percentages in the Exploration Phase will be based on the PEXP index, which is calculated for each bid item by:

$$\text{PEXP} = (\text{Minimum Exploration Program Offered, in WUs}) * [(\text{Percentage offered of Local Goods and Services/Factor E})^2 - 0,8]$$

3. For offshore blocks, the bid will consist of two percentage values expressed in integers which will represent the minimum commitment with local suppliers of goods and services for:

- i) Geological and geophysical data processing and interpretation operations; and
- ii) Well drilling, evaluation and completion.

4. The score for the commitment for the acquisition of local goods and services for the Exploration Phase in offshore blocks will have a weight of 15 (fifteen) The final grade will be divided in accordance with items i and ii described above. The weight for item i is seven and the weight for item ii is eight.

5. The score for each item consists of:

$$\text{Score C} = [\text{PEXP i offered} / \text{value of the highest PEXP i offered}] \times 7$$

$$\text{Score D} = [\text{PEXP ii offered} / \text{value of the highest PEXP ii offered}] \times 8$$

6. For onshore blocks, the bid consists of three percentage values expressed in integers detailing the minimum commitment with local suppliers of goods and services for:

- i) Geological and geophysical data acquisition operations;
- ii) Geological and geophysical data processing and interpretation operations; and
- iii) Well drilling, appraisal and completion.

7- The score for the commitment to acquire local goods and services for the Exploratory Phase in onshore blocks will have a weight of 15 (fifteen), which for the final score will be divided in accordance with items i, ii and iii described above. The weight for items i and ii is 4 (four) and item iii has a weight of 7 (seven).

8. The score for each item will be obtained by:

**Score E = [PEXP i offered / value of the highest PEXP i offered] x 4**

**Score F = [PEXP ii offered / value of the highest ii offered] x 4**

**Score G = [PEXP iii offered / value of the highest PEXP iii offered] x 7**

9. Compliance with the additional specific percentages, offered for the evaluation of the bids, is mandatory, independent of and in addition to the minimum mandatory percentage of local content as described in Table 4.

#### **4.6.4. Commitment to Acquire Local Goods and Services in the Development Stage**

1. The minimum mandatory percentage of local content described in Table 4 (Factor D) will be applicable to the expenses relating to the Concession Agreement in the Development Stage. Additional specific commitments will be considered for the purpose of judging the bids and will be added to the minimum values established in Table 4 and will be inserted as additional obligations in the Concession Agreement. Bids less than the minimum mandatory value will be disqualified.

2. The score attributed to the percentages of commitment offered in the Development Stage will be based on the PDEV index, which is calculated for each bid item, as follows:

$$\text{PDEV} = (\text{Percentage of Local Goods and Services Offered} / \text{Factor D})^5 - 0,5$$

3. For offshore blocks, the bid will consist of two percentages expressed in integers, detailing the minimum commitment with local suppliers of goods and services for:

- i) Services of detailing engineering design;
- ii) Well drilling, completion, evaluation, construction and assembly of the platform (production unit), process and utility facilities, production collection system (pipelines, production risers and subsea equipment) and production transfer system.

4. The final score for the commitment to acquire local goods and services for the Development Stage in offshore blocks will receive a weight of 25 (twenty five), which will be divided according to items i and ii described above. Item i will receive a weight of 7 (seven) and item ii a weight of 18 (eighteen).

5. Each score will be calculated as follows:

$$\text{Grade H} = [\text{PDEV i} / \text{value of the highest PDEV i offered}] \times 7$$

$$\text{Score I} = [\text{PDEV ii} / \text{value of the highest PDEV ii offered}] \times 18$$

6. For onshore blocks, the bid will consist of two integers expressed in percentages, detailing the minimum commitment with local suppliers of goods and services for:

- i) detailing engineering design;
- ii) Well drilling, completion, evaluation, separation and storage facilities, fluid treatment units and production gathering system.

7. The score for the commitment to acquire local goods and services for the Development Stage in onshore blocks will have a weight of 25 (twenty-five), which, for the final score will be divided according to the items i and ii described above. Item i will have a weight of 7 (seven) and item ii a weight of 18 (eighteen).

8. The score for each item will be obtained as follows:

$$\text{Score J} = [\text{PDEV i} / \text{value of the highest PDEV i offered}] \times 7$$

$$\text{Score L} = [\text{PDEV ii} / \text{value of the highest PDEV ii offered}] \times 18$$

9. Compliance with the additional specific percentages, offered for the evaluation of the bids, is mandatory, independent of and in addition to the minimum mandatory percentage of local content as described in Table 4.

#### **4.6.5. Participants' Final Score**

1. For onshore blocks:

$$\text{Final Score} = \text{Score A} + \text{Score B} + \text{Score E} + \text{Score F} + \text{Score G} + \text{Score J} + \text{Score L}$$

2. For offshore blocks:

$$\text{Final Score} = \text{Score A} + \text{Score B} + \text{Score C} + \text{Score D} + \text{Score H} + \text{Score I}$$

3. The scores are calculated to 5 (five) decimal. The values beyond the sixth decimal are not considered. The final score is calculated by the sum of the scores, as applicable. The final score is converted to 4 (four) decimals. When the fifth decimal is equal to or greater than 5 (five), the fourth decimal of the final score is converted to the first value above.

4. The bids will be classified in decreasing score order, the participant whose bid receives the highest score will be declared the winner.

5. CEL will evaluate and classify the bids, strictly conforming to the criteria set out in this Initial Tender Protocol and in Law number 9.478/97 (Lei nº 9.478/97).

6. When two or more participants receive the same score and the provisions of the 42nd article of Law 9.478/97 (art. 42 da Lei nº 9.478/97) are not applicable, a new time limit will be established for participants to submit new bids. Under no circumstances the bids can be lower than the preceding ones, neither for the signature bonus nor for the percentage for the acquisition of local goods and services and the Minimum Exploration Program. The time for presenting the new bids will be defined by CEL's Chairman. If the participants do not present new bids or in the case of another draw, a new winner will be chosen by drawing names, done publicly at a specific time and place which is going to be, established by the CEL.

#### **4.7. Bidding submission restrictions**

1. Exclusively for the sectors in the basins listed in Table 8, companies are limited to submitting bids, as operators, for a maximum of 2 (two) blocks among those listed. This restriction also applies to affiliated companies.

2. There will be no restrictions, for the sectors listed in Table 8, for companies which submit bids in consortia, as non-operators, even if these companies submit the maximum number of bids, as operators, for these sectors.

3. Submission of a greater number of bids to that listed in Table 8 will disqualify all the bids submitted by the company, as an operator, for the listed sector.

**TABLE 8**  
**BIDDING SUBMISSION RESTRICTIONS**

Basin	Sector	Maximum number of bids per operator
Espírito Santo (onshore)	SES-T4	2
Espírito Santo (onshore)	SES-T6	2
Recôncavo	SREC-T2	2
Potiguar	SPOT-T2	2
Potiguar	SPOT-T3	2
Potiguar	SPOT-T4	2
Potiguar	SPOT-T5	2

**4.8. Detailed description of local goods and services acquisition plans**

1. In order for ANP to monitor the local suppliers' effective delivery of goods and services, each bid must be accompanied by a declaration from the bidding company or consortia, describing the local goods and services acquisition plan, for bidding conference and future compliance with the minimum mandatory commitments and specific additional commitments for local content.

2. This declaration will be completed on a standard form supplied by ANP, containing the information shown in ANNEX VI

**4.9. Fines for non-compliance with the minimum mandatory percentage of local content**

1. The compulsory minimum obligations for local goods and services (Table 4), as well as specific additional obligations offered for the judging of the bids, must be fully complied with.

2. According to the Concession Agreement, the non-compliance with the minimum mandatory percentages and additional specific percentages will imply the imposition of fines proportional to the value that would have been necessary to attain the percentage of local content offered.

3. For values of local content below the mandatory values shown in Table 4, the fine will be 50% (fifty percent) of the value which would have been necessary to reach the minimum mandatory percentage of Local Investments during Exploration Phase or The Development Stage.

4. For additional specific obligations offered above the mandatory minimum values established in Table 4, for judging purposes, the fine will be 20% (twenty percent) of the value which would have been necessary to reach the offered percentage of Local Investments during the Exploration Phase or Development Stage.

## 5. SIGNATURE OF THE CONCESSION AGREEMENT

1. Law No. 9478 establishes that oil and natural gas exploration, development and production activities will be carried out by means of Concession Agreements, preceded by a Licensing Round. The winning Companies or Consortia for each Block that was licensed will execute a Concession Agreement with the ANP within the timeframe established in the Edital. Although the qualification and bidding processes can be effected by Brazilian or non-Brazilian Companies, a Brazilian Company must sign the Concession Agreement.

2. Companies or Consortia will be able to delegate the signing of the Concession Agreement to another Company or Consortium approved by the ANP, as follows:

- To an Affiliate of the winning Company, in which case the qualified winning Company must fully guarantee the obligations of the signing Company by means of a Performance Guarantee; or
- To a Company controlled by the winning Company (or its affiliates, according to the definitions in the Concession Agreement) or to a Brazilian company controlled by the Companies (or their affiliates) participating in the winning Consortium. In this case, the direct or indirect participation of each controlling Company (or its affiliates) should be identical to the participation defined on the envelope used to present the bids. The obligations of the signing Company should be fully guaranteed by means of Performance Guarantees from each of the qualified Companies participating in the Consortium.

3. In the situations mentioned above, each qualified Company should still provide the following:

- A Guarantee of performance of the contractual obligations, (“Performance Guarantee”), in the form to be provided in the Edital. If submitted in English, the document should be notarized by a properly accredited Notary Public (or equivalent) and then certified at a Brazilian Consulate in the country concerned and translated by a (registered) sworn legal translator in Brazil; and

- A Power of Attorney from the signing Company indicating the authorized person or competent person to sign on his behalf, in the form provided by the ANP.

4. In the event a signing Company is an affiliate of the qualified Company (as defined in the Concession Agreement), one copy of its By-laws or Articles of Incorporation should be provided. A legal representative of the signing Company should authenticate the original documents.

5. The signing of the Concession Agreement is predicated upon a review of the Company's status with the Cadastro Informativo de Créditos Não Quitados do Setor Público Federal ("CADIN"). A Company's presence on CADIN's registry of companies in default vis-à-vis the Federal Government will preclude execution of the Concession Agreement unless the Company can prove that:

- It has appealed in a Court against the finding of its status in default that such appeal is still pending and that it has provided the Court a satisfactory guarantee as provided for in the Law; or
- Its default status is solely the result of a condition that has since changed but the Company has not yet been removed from the registry.

6. On or before the signing of the Concession Agreements, the winning Bidders should provide the following documents:

- In the event the qualified Company opts to sign the Concession Agreement through one of its subsidiaries or other Company created specifically for this purpose, it should provide Constituent Articles and Amendments of the Company that will sign the Concession Agreement duly filed in the appropriate places;
- A legal opinion accepted by the ANP containing the information concerning the relationship between the qualified Company and the Company that will sign the duly notarized Concession Agreement. If written in a foreign language it must be notarized, consularized and translated by a sworn translator;

Performance Guarantees should be provided in the event a winning Company or Consortium opts to sign the Concession Agreement with one of its affiliates or a Company specially created for this purpose;

- Duly authenticated documents proving the qualification of the legal representative who will sign the Concession Agreement on behalf of the Company;
- Proof of payment of the Signature Bonus bid; and
- A Financial Guarantee in the form to be provided by the ANP guaranteeing the obligations of the Minimum Exploration Program. This Financial Guarantee must be issued by banks, insurance companies or financial institutions which complies with the requirements to be outlined in the Edital.

7. The financial guarantee for the Minimum Exploration Program may be presented in more than one Letter of Credit or another instrument accepted by the ANP, provided the total amount is equal to the level required for the Block and specified in Table 2.

8. The winning Bidders must submit additional documentation, as needed, up to twenty (20) days prior to the date of signing the Concession Agreement

9. In the event that the winner is a Consortium and one of its Companies does not present the necessary documentation, the other Companies within the Consortium must assume the responsibilities of the non-conforming Company. In this situation, under no circumstance will a new Company be allowed to enter into the winning Consortium before the signing of the Concession Agreement.

10. If a winning Bidder, for whatever reason, does not execute the Concession Agreement before the date given for its signature, the runner-up Bidder will be summoned and given the opportunity to sign the Concession Agreement for the block provided it meets the Signature Bonus and Local Goods and Services values offered by the winning bidder, and it also re-submits a Bid Bond.

11. Blocks in the same sector, with the same Consortium and identical Local Content bid for the Exploration Phase and Development Stage, will be grouped in one contract, with multiple objects, each one corresponding to one block. Each object can be fully negotiated generating, in this event, a new Concession Agreement. The Financial and Performance Guarantees, as well as all documents related to the management of the concession may be presented for each object, even if it is formed by multiple blocks.

## 6 ADDITIONAL EXPLANATIONS ON THE BIDDING

### 6.1 Phone, Fax and E-mail Questions

1. The ANP is available to provide clarification or additional information regarding the process, the contract terms, or the Blocks to be bid. Questions may be communicated to the ANP by mail, telephone, fax or e-mail at the numbers listed below. While minor queries will be dealt with by phone, more complex questions should be submitted in writing. Questions of general interest and their respective responses will be published (without disclosing the identity of the questioning company) on the Brasil Round 5 web-site ([www.Brasil-Rounds.gov.br](http://www.Brasil-Rounds.gov.br)).

- In Writing:

Brasil Round 5

Agência Nacional do Petróleo

Superintendência de Promoção de Licitações

Rua Senador Dantas 105, 11º andar

20031-201 Rio de Janeiro - RJ, Brazil

- By Phone:

Within Brazil: (21) 3804 0200

Outside Brazil: +55 21 3804 0200

- By Fax:

Within Brazil: (21) 3804 0202

Outside Brazil: +55 21 3804 0202

- By E-mail:

[brasil-round5@anp.gov.br](mailto:brasil-round5@anp.gov.br)

- The ANP maintains a web-site for Brasil Round 5 at the following address:

<http://www.Brasil-Rounds.gov.br>

2. No technical questions will be answered other than to Companies that have paid the Participation Fees for the Blocks in question.

3. Questions or clarifications concerning the Concession Agreement or other legal matters should be submitted in writing.

4. All information requests will be handled on a first-come, first-served basis by the ANP's Superintendência de Promoção de Licitações.

## **6.2 Delivery of Documents**

1.All documentation submitted to the ANP should be registered in the Protocol office located at the address shown in section 6.1, Monday through Friday, between 9:00 a.m. and 11:45 a.m. and 2:00 p.m. to 5:00 p.m.

## **6.3 Information Visits**

No formal data room will exist for this Round. A Legal and Financial workshop and a technical workshop will be held in Rio de Janeiro in April and May, 2003. Attendance and participation in this workshop is available only to representatives of Companies who have paid the Participation Fee and representatives of ANP Concessionaire companies.

## 7 ANP'S RIGHTS AND ASSURANCES

1. The ANP may revoke, in full or in part, at any time, the current Offering, provided it is in the public's best interest, or may annul the process if its procedures are determined to be illegal.

2. The Special Licensing Committee (CEL), formed by the ANP representatives and members of the community, that oversees all phases of the licensing process, can take such steps that it considers necessary to clarify or complement the Offering process.

3. The ANP reserves the right to unilaterally revise the timetable and related procedures of Brasil Round 5, as well as to disqualify any previously qualified Company although, in this circumstance, the relevant Participation Fee would be refunded unless the decision to disqualify is due to misrepresentation, misconduct, or submission of a non-conforming Bid or document.

4. Subjects related to Brasil Round 5 not covered in this Initial Tender Protocol will be analyzed by the CEL and submitted for the review of the ANP's Board of Directors.

### 7.1 Administrative Recourses

1. Any decision of the CEL may be challenged no later than five (5) working days from the date of the CEL's decision.

2. Any appeal of an interested Bidder must be made in writing, directed to the CEL, and supported by documents that prove the allegations and are registered by the ANP's Protocol Office.

3. Upon the lodging of a challenge, the CEL will make it known to the other Bidders to allow them the opportunity to oppose the challenge within the timeframe of five (5) working days, starting with the date of notice.

## 8 ANNEXES

- Annex I Detail of Blocks Being Offered*
- Annex II Payment of Participation Fees*
- Annex III Power of Attorney of Accredited Representative*
- Annex IV Confidentiality Agreement*
- Annex V Authorization for Release of Company Information*
- Annex VI Detailed Description of Local Goods and Services Acquisitions Plans*

## ANNEX I DETAIL OF BLOCKS BEING OFFERED

1. The Brazilian sedimentary basins were divided into sectors, each one divided into blocks formed by cells of 3'45'' longitude and 2'30'' latitude. Details of the division of the sedimentary basins can be obtained at the web page [www.brasil-rounds.gov.br](http://www.brasil-rounds.gov.br).

2. The following blocks are on offer in Brasil Round 5:

RECÔNCAVO BASIN OFFERED BLOCKS (SECTOR SREC-T2).....	48
ONSHORE ESPÍRITO SANTO BASIN OFFERED BLOCKS (SECTOR SES-T2).....	55
ONSHORE ESPÍRITO SANTO BASIN OFFERED BLOCKS (SECTOR SES-T4).....	59
ONSHORE ESPÍRITO SANTO BASIN OFFERED BLOCKS (SECTOR SES-T6).....	65
POTIGUAR BASIN OFFERED BLOCKS (SECTOR SPOT-T2).....	68
POTIGUAR BASIN OFFERED BLOCKS (SECTOR SPOT-T3).....	73
POTIGUAR BASIN OFFERED BLOCKS (SECTOR SPOT-T4).....	78
POTIGUAR BASIN OFFERED BLOCKS (SECTOR SPOT-T5).....	88
BARREIRINHAS BASIN OFFERED BLOCKS (SECTOR SBAR-AR2).....	92
CAMPOS BASIN OFFERED BLOCKS (SECTOR SC-AR2).....	100
CAMPOS BASIN OFFERED BLOCKS (SECTOR SC-AR3).....	103
CAMPOS BASIN OFFERED BLOCKS (SECTOR SC-AP1).....	106
ESPÍRITO SANTO BASIN OFFERED BLOCKS (SECTOR SES-AR1).....	107
ESPÍRITO SANTO BASIN OFFERED BLOCKS (SECTOR SES-AR2).....	118
FOZ DO AMAZONAS BASIN OFFERED BLOCKS (SECTOR SFZA-AR1).....	131
FOZ DO AMAZONAS BASIN OFFERED BLOCKS (SECTOR SFZA-AR2).....	139
JEQUITINHONHA BASIN OFFERED BLOCKS (SECTOR SJ-AP).....	151
PELOTAS BASIN OFFERED BLOCKS (SECTOR SP-AP3).....	152
SANTOS BASIN OFFERED BLOCKS (SECTOR SS-AR3).....	157
SANTOS BASIN OFFERED BLOCKS (SECTOR SS-AR4).....	168
SANTOS BASIN OFFERED BLOCKS (SECTOR SS-AP4).....	196

**Cartographic parameters:**

Geographic units = d:m:s  
Datum:SAD-69

**Recôncavo basin offered blocks (sector SREC-T2)**

Block name        Corrected Area(km2)

Point    = Latitude    Longitude

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REC-T-1        31.417

Point =    -11:37:30        -37:56:15  
Point =    -11:35:00        -37:56:15  
Point =    -11:35:00        -37:52:30  
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Point =    -11:37:30        -37:56:15

REC-T-2        31.417

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Point =    -11:35:00        -37:52:30

REC-T-3        31.417

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Point =    -11:35:00        -37:45:00  
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Point =    -11:37:30        -37:48:45  
Point =    -11:35:00        -37:48:45

REC-T-4        31.412

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Point =    -11:37:30        -37:56:15

REC-T-5        31.412

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Point =    -11:40:00        -37:48:45  
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Point =    -11:37:30        -37:52:30

REC-T-6        31.412

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Point =    -11:40:00        -37:45:00  
Point =    -11:40:00        -37:48:45

Point =	-11:37:30	-37:48:45
REC-T-7	31.408	
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Point =	-11:40:00	-37:56:15
Point =	-11:42:30	-37:56:15
Point =	-11:42:30	-38:00:00
REC-T-8	31.408	
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Point =	-11:40:00	-37:56:15
REC-T-9	31.408	
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Point =	-11:42:30	-37:48:45
Point =	-11:42:30	-37:52:30
Point =	-11:40:00	-37:52:30
REC-T-10	31.408	
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Point =	-11:42:30	-37:45:00
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REC-T-11	31.403	
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REC-T-12	31.403	
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REC-T-14	31.403	
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REC-T-15	31.399	
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Point =	-11:47:30	-38:00:00

Point =	-11:47:30	-38:03:45
REC-T-16	31.399	
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REC-T-19	31.399	
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REC-T-21	31.394	
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REC-T-25	30.005	
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Point =	-11:49:03.75	-37:48:16.875
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Point =	-11:49:13.125	-37:48:35.625
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REC-T-28	31.389	
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REC-T-29	31.389	
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REC-T-30	31.389	

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REC-T-34 30.164

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REC-T-38 31.385

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Point = -11:52:30 -38:07:30  
Point = -11:55:00 -38:07:30  
Point = -11:55:00 -38:11:15  
Point = -11:52:30 -38:11:15

REC-T-39 31.385

Point = -11:52:30 -38:07:30  
Point = -11:52:30 -38:03:45  
Point = -11:55:00 -38:03:45  
Point = -11:55:00 -38:07:30  
Point = -11:52:30 -38:07:30

REC-T-41 27.952

Point = -11:52:30 -38:00:00  
Point = -11:52:30 -37:56:15  
Point = -11:55:00 -37:56:15  
Point = -11:55:00 -38:00:00  
Point = -11:52:30 -38:00:00

Área de exclusão(1)

Point = -11:53:26.25 -37:59:22.5  
Point = -11:53:35.625 -37:59:22.5  
Point = -11:53:35.625 -37:59:31.875  
Point = -11:53:45 -37:59:31.875  
Point = -11:53:45 -37:59:41.25  
Point = -11:53:54.375 -37:59:41.25  
Point = -11:53:54.375 -37:59:50.625  
Point = -11:54:22.5 -37:59:50.625  
Point = -11:54:22.5 -37:59:03.75  
Point = -11:54:13.125 -37:59:03.75  
Point = -11:54:13.125 -37:58:45  
Point = -11:54:03.75 -37:58:45  
Point = -11:54:03.75 -37:58:26.25  
Point = -11:53:26.25 -37:58:26.25  
Point = -11:53:26.25 -37:59:22.5

REC-T-48 31.38

Point = -11:55:00 -38:11:15  
Point = -11:55:00 -38:07:30  
Point = -11:57:30 -38:07:30  
Point = -11:57:30 -38:11:15

Point = -11:55:00 -38:11:15

REC-T-51 31.38

Point = -11:55:00 -38:00:00  
Point = -11:55:00 -37:56:15  
Point = -11:57:30 -37:56:15  
Point = -11:57:30 -38:00:00  
Point = -11:55:00 -38:00:00

REC-T-53 27.294

Point = -11:55:00 -37:51:15  
Point = -11:55:00 -37:48:45  
Point = -11:57:30 -37:48:45  
Point = -11:57:30 -37:52:30  
Point = -11:56:05.625 -37:52:30  
Point = -11:56:05.625 -37:51:43.125  
Point = -11:55:56.25 -37:51:43.125  
Point = -11:55:56.25 -37:51:33.75  
Point = -11:55:46.875 -37:51:33.75  
Point = -11:55:46.875 -37:51:24.375  
Point = -11:55:37.5 -37:51:24.375  
Point = -11:55:37.5 -37:51:15  
Point = -11:55:00 -37:51:15

REC-T-61 31.375

Point = -11:57:30 -38:00:00  
Point = -11:57:30 -37:56:15  
Point = -12:00:00 -37:56:15  
Point = -12:00:00 -38:00:00  
Point = -11:57:30 -38:00:00

REC-T-63 31.375

Point = -11:57:30 -37:52:30  
Point = -11:57:30 -37:48:45  
Point = -12:00:00 -37:48:45  
Point = -12:00:00 -37:52:30  
Point = -11:57:30 -37:52:30

REC-T-71 27.613

Point = -12:00:00 -38:00:00  
Point = -12:00:00 -37:56:15  
Point = -12:02:30 -37:56:15  
Point = -12:02:30 -38:00:00  
Point = -12:01:33.75 -38:00:00  
Point = -12:01:24.375 -38:00:00  
Point = -12:01:24.375 -37:59:50.625  
Point = -12:00:37.5 -37:59:50.625  
Point = -12:00:37.5 -38:00:00  
Point = -12:00:00 -38:00:00

Área de exclusão(1)

Point = -12:00:37.5 -37:58:54.375  
Point = -12:00:46.875 -37:58:54.375  
Point = -12:00:46.875 -37:59:03.75  
Point = -12:00:56.25 -37:59:03.75  
Point = -12:00:56.25 -37:59:22.5  
Point = -12:01:05.625 -37:59:22.5  
Point = -12:01:05.625 -37:59:31.875

Point = -12:01:24.375 -37:59:31.875  
Point = -12:01:24.375 -37:59:22.5  
Point = -12:01:33.75 -37:59:22.5  
Point = -12:01:33.75 -37:59:13.125  
Point = -12:01:52.5 -37:59:13.125  
Point = -12:01:52.5 -37:58:54.375  
Point = -12:01:43.125 -37:58:54.375  
Point = -12:01:43.125 -37:58:45  
Point = -12:01:33.75 -37:58:45  
Point = -12:01:33.75 -37:58:35.625  
Point = -12:01:24.375 -37:58:35.625  
Point = -12:01:24.375 -37:58:26.25  
Point = -12:01:15 -37:58:26.25  
Point = -12:01:15 -37:58:16.875  
Point = -12:00:37.5 -37:58:16.875  
Point = -12:00:37.5 -37:58:54.375

REC-T-72 31.37

Point = -12:00:00 -37:56:15  
Point = -12:00:00 -37:52:30  
Point = -12:02:30 -37:52:30  
Point = -12:02:30 -37:56:15  
Point = -12:00:00 -37:56:15

REC-T-79 31.366

Point = -12:02:30 -38:07:30  
Point = -12:02:30 -38:03:45  
Point = -12:05:00 -38:03:45  
Point = -12:05:00 -38:07:30  
Point = -12:02:30 -38:07:30

REC-T-80 20.746

Point = -12:02:30 -38:03:45  
Point = -12:02:30 -38:01:43.125  
Point = -12:02:39.375 -38:01:43.125  
Point = -12:02:39.375 -38:01:52.5  
Point = -12:02:58.125 -38:01:52.5  
Point = -12:02:58.125 -38:02:01.875  
Point = -12:03:26.25 -38:02:01.875  
Point = -12:03:26.25 -38:01:52.5  
Point = -12:03:45 -38:01:52.5  
Point = -12:03:45 -38:01:43.125  
Point = -12:03:54.375 -38:01:43.125  
Point = -12:03:54.375 -38:01:33.75  
Point = -12:04:03.75 -38:01:33.75  
Point = -12:04:03.75 -38:01:24.375  
Point = -12:04:22.5 -38:01:24.375  
Point = -12:04:22.5 -38:00:46.875  
Point = -12:04:13.125 -38:00:46.875  
Point = -12:04:13.125 -38:00:37.5  
Point = -12:04:03.75 -38:00:37.5  
Point = -12:04:03.75 -38:00:28.125  
Point = -12:03:54.375 -38:00:28.125  
Point = -12:03:54.375 -38:00:18.75  
Point = -12:03:35.625 -38:00:18.75  
Point = -12:03:35.625 -38:00:09.375  
Point = -12:02:39.375 -38:00:09.375  
Point = -12:02:39.375 -38:00:18.75  
Point = -12:02:30 -38:00:18.75  
Point = -12:02:30 -38:00:00  
Point = -12:03:45 -38:00:00

Point = -12:03:45 -38:00:09.375  
Point = -12:04:03.75 -38:00:09.375  
Point = -12:04:03.75 -38:00:18.75  
Point = -12:04:13.125 -38:00:18.75  
Point = -12:04:13.125 -38:00:28.125  
Point = -12:04:41.25 -38:00:28.125  
Point = -12:04:41.25 -38:00:18.75  
Point = -12:05:00 -38:00:18.75  
Point = -12:05:00 -38:03:45  
Point = -12:02:30 -38:03:45

REC-T-81 28.018

Point = -12:02:30 -38:00:00  
Point = -12:02:30 -37:56:15  
Point = -12:05:00 -37:56:15  
Point = -12:05:00 -37:59:03.75  
Point = -12:04:22.5 -37:59:03.75  
Point = -12:04:22.5 -37:59:13.125  
Point = -12:04:13.125 -37:59:13.125  
Point = -12:04:13.125 -37:59:22.5  
Point = -12:03:45 -37:59:22.5  
Point = -12:03:45 -38:00:00  
Point = -12:02:30 -38:00:00

REC-T-90 30.627

Point = -12:05:00 -37:59:13.125  
Point = -12:05:00 -37:59:03.75  
Point = -12:05:00 -37:56:15  
Point = -12:07:30 -37:56:15  
Point = -12:07:30 -38:00:00  
Point = -12:06:15 -38:00:00  
Point = -12:05:56.25 -38:00:00  
Point = -12:05:18.75 -38:00:00  
Point = -12:05:18.75 -37:59:22.5  
Point = -12:05:09.375 -37:59:22.5  
Point = -12:05:09.375 -37:59:13.125  
Point = -12:05:00 -37:59:13.125

REC-T-100 31.356

Point = -12:07:30 -38:00:00  
Point = -12:07:30 -37:56:15  
Point = -12:10:00 -37:56:15  
Point = -12:10:00 -38:00:00  
Point = -12:07:30 -38:00:00

REC-T-108 20.819

Point = -12:10:28.125 -38:09:13.125  
Point = -12:10:28.125 -38:08:54.375  
Point = -12:10:46.875 -38:08:54.375  
Point = -12:10:46.875 -38:07:30  
Point = -12:12:30 -38:07:30  
Point = -12:12:30 -38:11:15  
Point = -12:10:56.25 -38:11:15  
Point = -12:10:56.25 -38:09:13.125  
Point = -12:10:28.125 -38:09:13.125

REC-T-110 29.148

Point = -12:10:00 -38:00:00  
Point = -12:12:30 -38:00:00

```

Point = -12:12:30 -38:03:45
Point = -12:11:15 -38:03:45
Point = -12:11:15 -38:03:35.625
Point = -12:10:56.25 -38:03:35.625
Point = -12:10:56.25 -38:03:16.875
Point = -12:10:37.5 -38:03:16.875
Point = -12:10:37.5 -38:03:07.5
Point = -12:10:28.125 -38:03:07.5
Point = -12:10:28.125 -38:02:58.125
Point = -12:10:00 -38:02:58.125
Point = -12:10:00 -38:00:00

```

REC-T-121 31.347

```

Point = -12:12:30 -38:03:45
Point = -12:12:30 -38:00:00
Point = -12:15:00 -38:00:00
Point = -12:15:00 -38:03:45
Point = -12:12:30 -38:03:45

```

## Onshore Espírito Santo basin offered blocks (Sector SES-T2)

Block name Corrected Area(km2)

Point = Latitude Longitude

-----  
---

ES-T-11 30.571

```

Point = -17:45:00 -39:26:15
Point = -17:42:30 -39:26:15
Point = -17:42:30 -39:22:30
Point = -17:45:00 -39:22:30
Point = -17:45:00 -39:26:15

```

ES-T-26 30.564

```

Point = -17:45:00 -39:26:15
Point = -17:45:00 -39:22:30
Point = -17:47:30 -39:22:30
Point = -17:47:30 -39:26:15
Point = -17:45:00 -39:26:15

```

ES-T-45 30.557

```

Point = -17:50:00 -39:33:45
Point = -17:47:30 -39:33:45
Point = -17:47:30 -39:30:00
Point = -17:50:00 -39:30:00
Point = -17:50:00 -39:33:45

```

ES-T-46 30.557

```

Point = -17:47:30 -39:30:00
Point = -17:47:30 -39:26:15
Point = -17:50:00 -39:26:15

```

Point = -17:50:00 -39:30:00  
Point = -17:47:30 -39:30:00

ES-T-47 30.557

Point = -17:47:30 -39:26:15  
Point = -17:47:30 -39:22:30  
Point = -17:50:00 -39:22:30  
Point = -17:50:00 -39:26:15  
Point = -17:47:30 -39:26:15

ES-T-66 30.55

Point = -17:50:00 -39:33:45  
Point = -17:50:00 -39:30:00  
Point = -17:52:30 -39:30:00  
Point = -17:52:30 -39:33:45  
Point = -17:50:00 -39:33:45

ES-T-67 30.55

Point = -17:50:00 -39:30:00  
Point = -17:50:00 -39:26:15  
Point = -17:52:30 -39:26:15  
Point = -17:52:30 -39:30:00  
Point = -17:50:00 -39:30:00

ES-T-68 30.55

Point = -17:50:00 -39:26:15  
Point = -17:50:00 -39:22:30  
Point = -17:52:30 -39:22:30  
Point = -17:52:30 -39:26:15  
Point = -17:50:00 -39:26:15

ES-T-86 30.543

Point = -17:55:00 -39:37:30  
Point = -17:52:30 -39:37:30  
Point = -17:52:30 -39:33:45  
Point = -17:55:00 -39:33:45  
Point = -17:55:00 -39:37:30

ES-T-87 30.543

Point = -17:52:30 -39:33:45  
Point = -17:52:30 -39:30:00  
Point = -17:55:00 -39:30:00  
Point = -17:55:00 -39:33:45  
Point = -17:52:30 -39:33:45

ES-T-88 30.543

Point = -17:52:30 -39:30:00  
Point = -17:52:30 -39:26:15  
Point = -17:55:00 -39:26:15  
Point = -17:55:00 -39:30:00  
Point = -17:52:30 -39:30:00

ES-T-106 30.536

Point = -17:55:00 -39:37:30

Point = -17:55:00 -39:33:45  
Point = -17:57:30 -39:33:45  
Point = -17:57:30 -39:37:30  
Point = -17:55:00 -39:37:30

ES-T-107 30.536

Point = -17:55:00 -39:33:45  
Point = -17:55:00 -39:30:00  
Point = -17:57:30 -39:30:00  
Point = -17:57:30 -39:33:45  
Point = -17:55:00 -39:33:45

ES-T-108 30.536

Point = -17:55:00 -39:30:00  
Point = -17:55:00 -39:26:15  
Point = -17:57:30 -39:26:15  
Point = -17:57:30 -39:30:00  
Point = -17:55:00 -39:30:00

ES-T-124 30.529

Point = -17:57:30 -39:37:30  
Point = -17:57:30 -39:33:45  
Point = -18:00:00 -39:33:45  
Point = -18:00:00 -39:37:30  
Point = -17:57:30 -39:37:30

ES-T-125 30.529

Point = -17:57:30 -39:33:45  
Point = -17:57:30 -39:30:00  
Point = -18:00:00 -39:30:00  
Point = -18:00:00 -39:33:45  
Point = -17:57:30 -39:33:45

ES-T-140 30.522

Point = -18:02:30 -39:41:15  
Point = -18:00:00 -39:41:15  
Point = -18:00:00 -39:37:30  
Point = -18:02:30 -39:37:30  
Point = -18:02:30 -39:41:15

ES-T-141 30.522

Point = -18:00:00 -39:37:30  
Point = -18:00:00 -39:33:45  
Point = -18:02:30 -39:33:45  
Point = -18:02:30 -39:37:30  
Point = -18:00:00 -39:37:30

ES-T-142 30.522

Point = -18:00:00 -39:33:45  
Point = -18:00:00 -39:30:00  
Point = -18:02:30 -39:30:00  
Point = -18:02:30 -39:33:45  
Point = -18:00:00 -39:33:45

ES-T-157 30.515

Point = -18:02:30 -39:41:15

Point = -18:02:30 -39:37:30  
Point = -18:05:00 -39:37:30  
Point = -18:05:00 -39:41:15  
Point = -18:02:30 -39:41:15

ES-T-158 30.515

Point = -18:02:30 -39:37:30  
Point = -18:02:30 -39:33:45  
Point = -18:05:00 -39:33:45  
Point = -18:05:00 -39:37:30  
Point = -18:02:30 -39:37:30

ES-T-173 30.508

Point = -18:05:00 -39:41:15  
Point = -18:05:00 -39:37:30  
Point = -18:07:30 -39:37:30  
Point = -18:07:30 -39:41:15  
Point = -18:05:00 -39:41:15

ES-T-174 30.508

Point = -18:05:00 -39:37:30  
Point = -18:05:00 -39:33:45  
Point = -18:07:30 -39:33:45  
Point = -18:07:30 -39:37:30  
Point = -18:05:00 -39:37:30

ES-T-188 30.5

Point = -18:07:30 -39:41:15  
Point = -18:07:30 -39:37:30  
Point = -18:10:00 -39:37:30  
Point = -18:10:00 -39:41:15  
Point = -18:07:30 -39:41:15

ES-T-189 30.5

Point = -18:07:30 -39:37:30  
Point = -18:07:30 -39:33:45  
Point = -18:10:00 -39:33:45  
Point = -18:10:00 -39:37:30  
Point = -18:07:30 -39:37:30

ES-T-202 30.493

Point = -18:10:00 -39:41:15  
Point = -18:10:00 -39:37:30  
Point = -18:12:30 -39:37:30  
Point = -18:12:30 -39:41:15  
Point = -18:10:00 -39:41:15

ES-T-215 30.486

Point = -18:12:30 -39:41:15  
Point = -18:12:30 -39:37:30  
Point = -18:15:00 -39:37:30  
Point = -18:15:00 -39:41:15  
Point = -18:12:30 -39:41:15

ES-T-227 30.479

Point = -18:15:00 -39:41:15

Point = -18:15:00 -39:37:30  
 Point = -18:17:30 -39:37:30  
 Point = -18:17:30 -39:41:15  
 Point = -18:15:00 -39:41:15

ES-T-241 30.472

Point = -18:17:30 -39:41:15  
 Point = -18:17:30 -39:37:30  
 Point = -18:20:00 -39:37:30  
 Point = -18:20:00 -39:41:15  
 Point = -18:17:30 -39:41:15

### Onshore Espírito Santo basin offered blocks (Sector SES-T4)

Block name Corrected Area(km2)

Point = Latitude Longitude

-----  
 ---

ES-T-306 28.376

Point = -18:30:18.75 -39:45:00  
 Point = -18:30:00 -39:45:00  
 Point = -18:30:00 -39:41:15  
 Point = -18:32:30 -39:41:15  
 Point = -18:32:30 -39:45:00  
 Point = -18:32:20.625 -39:45:00  
 Point = -18:31:24.375 -39:45:00  
 Point = -18:31:24.375 -39:44:50.625  
 Point = -18:31:15 -39:44:50.625  
 Point = -18:31:15 -39:44:31.875  
 Point = -18:30:56.25 -39:44:31.875  
 Point = -18:30:56.25 -39:44:22.5  
 Point = -18:30:09.375 -39:44:22.5  
 Point = -18:30:09.375 -39:44:50.625  
 Point = -18:30:18.75 -39:44:50.625  
 Point = -18:30:18.75 -39:45:00

ES-T-318 30.429

Point = -18:35:00 -39:52:30  
 Point = -18:32:30 -39:52:30  
 Point = -18:32:30 -39:48:45  
 Point = -18:35:00 -39:48:45  
 Point = -18:35:00 -39:52:30

ES-T-331 30.422

Point = -18:35:00 -39:52:30  
 Point = -18:35:00 -39:48:45  
 Point = -18:37:30 -39:48:45  
 Point = -18:37:30 -39:52:30  
 Point = -18:35:00 -39:52:30

ES-T-352 30.407

Point = -18:42:30 -40:00:00  
 Point = -18:40:00 -40:00:00

Point = -18:40:00 -39:56:15  
Point = -18:42:30 -39:56:15  
Point = -18:42:30 -40:00:00

ES-T-362 30.4

Point = -18:42:30 -40:00:00  
Point = -18:42:30 -39:56:15  
Point = -18:45:00 -39:56:15  
Point = -18:45:00 -40:00:00  
Point = -18:42:30 -40:00:00

ES-T-363 30.4

Point = -18:45:00 -39:52:30  
Point = -18:45:00 -39:56:15  
Point = -18:42:30 -39:56:15  
Point = -18:42:30 -39:52:30  
Point = -18:45:00 -39:52:30

ES-T-364 33.883

Point = -18:45:00 -39:48:07.5  
Point = -18:45:00 -39:48:45  
Point = -18:45:00 -39:49:13.125  
Point = -18:44:13.125 -39:49:13.125  
Point = -18:44:13.125 -39:49:22.5  
Point = -18:44:03.75 -39:49:22.5  
Point = -18:44:03.75 -39:49:31.875  
Point = -18:43:45 -39:49:31.875  
Point = -18:43:45 -39:49:41.25  
Point = -18:43:26.25 -39:49:41.25  
Point = -18:43:26.25 -39:50:28.125  
Point = -18:43:54.375 -39:50:28.125  
Point = -18:43:54.375 -39:50:37.5  
Point = -18:44:22.5 -39:50:37.5  
Point = -18:44:22.5 -39:50:46.875  
Point = -18:45:00 -39:50:46.875  
Point = -18:45:00 -39:52:30  
Point = -18:42:30 -39:52:30  
Point = -18:42:30 -39:48:45  
Point = -18:42:30 -39:47:20.625  
Point = -18:43:07.5 -39:47:20.625  
Point = -18:43:07.5 -39:46:52.5  
Point = -18:43:35.625 -39:46:52.5  
Point = -18:43:35.625 -39:47:30  
Point = -18:44:13.125 -39:47:30  
Point = -18:44:13.125 -39:48:07.5  
Point = -18:45:00 -39:48:07.5

ES-T-371 30.392

Point = -18:45:00 -40:00:00  
Point = -18:45:00 -39:56:15  
Point = -18:47:30 -39:56:15  
Point = -18:47:30 -40:00:00  
Point = -18:45:00 -40:00:00

ES-T-372 27.305

Point = -18:45:00 -39:56:15  
Point = -18:45:00 -39:52:30  
Point = -18:45:46.875 -39:52:30  
Point = -18:45:56.25 -39:52:30

Point = -18:45:56.25 -39:52:39.375  
Point = -18:47:01.875 -39:52:39.375  
Point = -18:47:01.875 -39:52:30  
Point = -18:47:30 -39:52:30  
Point = -18:47:30 -39:56:15  
Point = -18:45:00 -39:56:15

Área de exclusão(1)

Point = -18:45:56.25 -39:53:35.625  
Point = -18:46:05.625 -39:53:35.625  
Point = -18:46:05.625 -39:53:45  
Point = -18:46:24.375 -39:53:45  
Point = -18:46:24.375 -39:53:54.375  
Point = -18:47:11.25 -39:53:54.375  
Point = -18:47:11.25 -39:53:26.25  
Point = -18:47:01.875 -39:53:26.25  
Point = -18:47:01.875 -39:53:16.875  
Point = -18:46:43.125 -39:53:16.875  
Point = -18:46:43.125 -39:53:07.5  
Point = -18:45:56.25 -39:53:07.5  
Point = -18:45:56.25 -39:53:35.625

ES-T-373 29.521

Point = -18:47:30 -39:47:58.125  
Point = -18:47:30 -39:48:45  
Point = -18:47:30 -39:52:30  
Point = -18:47:01.875 -39:52:30  
Point = -18:47:01.875 -39:52:01.875  
Point = -18:46:52.5 -39:52:01.875  
Point = -18:46:52.5 -39:51:52.5  
Point = -18:45:46.875 -39:51:52.5  
Point = -18:45:46.875 -39:52:30  
Point = -18:45:00 -39:52:30  
Point = -18:45:00 -39:50:46.875  
Point = -18:45:18.75 -39:50:46.875  
Point = -18:45:18.75 -39:50:37.5  
Point = -18:45:37.5 -39:50:37.5  
Point = -18:45:37.5 -39:50:28.125  
Point = -18:45:46.875 -39:50:28.125  
Point = -18:45:46.875 -39:50:18.75  
Point = -18:46:05.625 -39:50:18.75  
Point = -18:46:05.625 -39:50:00  
Point = -18:46:15 -39:50:00  
Point = -18:46:15 -39:49:13.125  
Point = -18:45:00 -39:49:13.125  
Point = -18:45:00 -39:48:45  
Point = -18:45:00 -39:48:07.5  
Point = -18:45:18.75 -39:48:07.5  
Point = -18:45:18.75 -39:47:48.75  
Point = -18:46:24.375 -39:47:48.75  
Point = -18:46:24.375 -39:47:58.125  
Point = -18:47:30 -39:47:58.125

ES-T-380 30.385

Point = -18:47:30 -40:00:00  
Point = -18:47:30 -39:56:15  
Point = -18:50:00 -39:56:15  
Point = -18:50:00 -40:00:00  
Point = -18:47:30 -40:00:00

ES-T-381 30.385

Point = -18:47:30 -39:56:15  
Point = -18:47:30 -39:52:30  
Point = -18:50:00 -39:52:30  
Point = -18:50:00 -39:56:15  
Point = -18:47:30 -39:56:15

ES-T-382 50.398

Point = -18:52:30 -39:48:45  
Point = -18:52:30 -39:52:30  
Point = -18:50:00 -39:52:30  
Point = -18:47:30 -39:52:30  
Point = -18:47:30 -39:48:45  
Point = -18:47:30 -39:47:58.125  
Point = -18:47:48.75 -39:47:58.125  
Point = -18:47:48.75 -39:48:35.625  
Point = -18:48:07.5 -39:48:35.625  
Point = -18:48:07.5 -39:48:40.3125  
Point = -18:48:07.5 -39:48:45  
Point = -18:48:35.625 -39:48:45  
Point = -18:48:35.625 -39:48:54.375  
Point = -18:49:22.5 -39:48:54.375  
Point = -18:49:22.5 -39:48:45  
Point = -18:50:00 -39:48:45  
Point = -18:52:30 -39:48:45

Área de exclusão(1)

Point = -18:52:11.25 -39:51:15  
Point = -18:52:01.875 -39:51:15  
Point = -18:52:01.875 -39:50:56.25  
Point = -18:51:43.125 -39:50:56.25  
Point = -18:51:43.125 -39:50:37.5  
Point = -18:51:24.375 -39:50:37.5  
Point = -18:51:24.375 -39:50:28.125  
Point = -18:51:15 -39:50:28.125  
Point = -18:51:15 -39:50:18.75  
Point = -18:50:09.375 -39:50:18.75  
Point = -18:50:09.375 -39:50:37.5  
Point = -18:50:00 -39:50:37.5  
Point = -18:50:00 -39:50:28.125  
Point = -18:49:50.625 -39:50:28.125  
Point = -18:49:50.625 -39:50:18.75  
Point = -18:49:41.25 -39:50:18.75  
Point = -18:49:41.25 -39:50:09.375  
Point = -18:48:26.25 -39:50:09.375  
Point = -18:48:26.25 -39:50:46.875  
Point = -18:48:45 -39:50:46.875  
Point = -18:48:45 -39:50:56.25  
Point = -18:49:22.5 -39:50:56.25  
Point = -18:49:22.5 -39:51:05.625  
Point = -18:50:00 -39:51:05.625  
Point = -18:50:09.375 -39:51:05.625  
Point = -18:50:09.375 -39:50:56.25  
Point = -18:50:18.75 -39:50:56.25  
Point = -18:50:18.75 -39:51:15  
Point = -18:50:37.5 -39:51:15  
Point = -18:50:37.5 -39:51:24.375  
Point = -18:50:56.25 -39:51:24.375  
Point = -18:50:56.25 -39:51:33.75  
Point = -18:51:24.375 -39:51:33.75  
Point = -18:51:24.375 -39:51:43.125  
Point = -18:51:43.125 -39:51:43.125

Point = -18:51:43.125 -39:52:01.875  
Point = -18:52:11.25 -39:52:01.875  
Point = -18:52:11.25 -39:51:15

ES-T-383 43.767

Point = -18:50:00 -39:45:00  
Point = -18:50:00 -39:48:45  
Point = -18:49:22.5 -39:48:45  
Point = -18:49:22.5 -39:48:26.25  
Point = -18:49:03.75 -39:48:26.25  
Point = -18:49:03.75 -39:48:16.875  
Point = -18:48:54.375 -39:48:16.875  
Point = -18:48:54.375 -39:48:07.5  
Point = -18:48:45 -39:48:07.5  
Point = -18:48:45 -39:47:58.125  
Point = -18:48:35.625 -39:47:58.125  
Point = -18:48:35.625 -39:47:01.875  
Point = -18:47:58.125 -39:47:01.875  
Point = -18:47:58.125 -39:46:52.5  
Point = -18:47:30 -39:46:52.5  
Point = -18:46:24.375 -39:46:52.5  
Point = -18:46:24.375 -39:46:43.125  
Point = -18:45:00 -39:46:43.125  
Point = -18:45:00 -39:46:24.375  
Point = -18:43:07.5 -39:46:24.375  
Point = -18:42:48.75 -39:46:24.375  
Point = -18:42:48.75 -39:45:56.25  
Point = -18:42:30 -39:45:56.25  
Point = -18:42:30 -39:45:00  
Point = -18:45:00 -39:45:00  
Point = -18:47:30 -39:45:00  
Point = -18:50:00 -39:45:00

Área de exclusão(1)

Point = -18:48:35.625 -39:45:37.5  
Point = -18:47:30 -39:45:37.5  
Point = -18:47:20.625 -39:45:37.5  
Point = -18:47:20.625 -39:45:46.875  
Point = -18:46:52.5 -39:45:46.875  
Point = -18:46:52.5 -39:46:15  
Point = -18:47:30 -39:46:15  
Point = -18:48:35.625 -39:46:15  
Point = -18:48:35.625 -39:45:37.5

Área de exclusão(2)

Point = -18:43:54.375 -39:45:18.75  
Point = -18:43:16.875 -39:45:18.75  
Point = -18:43:16.875 -39:45:46.875  
Point = -18:43:26.25 -39:45:46.875  
Point = -18:43:26.25 -39:45:56.25  
Point = -18:43:54.375 -39:45:56.25  
Point = -18:43:54.375 -39:45:18.75

ES-T-389 30.378

Point = -18:50:00 -40:00:00  
Point = -18:50:00 -39:56:15  
Point = -18:52:30 -39:56:15  
Point = -18:52:30 -40:00:00  
Point = -18:50:00 -40:00:00

ES-T-390      26.423

Point =    -18:52:30                    -39:54:13.125  
Point =    -18:52:30                    -39:56:15  
Point =    -18:50:00                    -39:56:15  
Point =    -18:50:00                    -39:52:30  
Point =    -18:52:30                    -39:52:30  
Point =    -18:52:30                    -39:52:39.375  
Point =    -18:51:43.125               -39:52:39.375  
Point =    -18:51:43.125               -39:54:13.125  
Point =    -18:52:30                    -39:54:13.125

ES-T-392      30.378

Point =    -18:50:00                    -39:48:45  
Point =    -18:50:00                    -39:45:00  
Point =    -18:52:30                    -39:45:00  
Point =    -18:52:30                    -39:48:45  
Point =    -18:50:00                    -39:48:45

ES-T-400      25.309

Point =    -18:52:30                    -39:52:30  
Point =    -18:52:30                    -39:48:45  
Point =    -18:55:00                    -39:48:45  
Point =    -18:55:00                    -39:50:37.5  
Point =    -18:54:03.75                  -39:50:37.5  
Point =    -18:54:03.75                  -39:52:20.625  
Point =    -18:54:41.25                  -39:52:20.625  
Point =    -18:54:41.25                  -39:52:11.25  
Point =    -18:55:00                    -39:52:11.25  
Point =    -18:55:00                    -39:52:30  
Point =    -18:52:30                    -39:52:30

ES-T-401      30.37

Point =    -18:52:30                    -39:48:45  
Point =    -18:52:30                    -39:45:00  
Point =    -18:55:00                    -39:45:00  
Point =    -18:55:00                    -39:48:45  
Point =    -18:52:30                    -39:48:45

ES-T-410      30.363

Point =    -18:55:00                    -39:48:45  
Point =    -18:55:00                    -39:45:00  
Point =    -18:57:30                    -39:45:00  
Point =    -18:57:30                    -39:48:45  
Point =    -18:55:00                    -39:48:45

ES-T-419      26.403

Point =    -18:57:30                    -39:48:45  
Point =    -18:57:30                    -39:45:00  
Point =    -19:00:00                    -39:45:00  
Point =    -19:00:00                    -39:46:52.5  
Point =    -18:59:31.875               -39:46:52.5  
Point =    -18:59:31.875               -39:47:01.875  
Point =    -18:59:22.5                   -39:47:01.875  
Point =    -18:59:22.5                   -39:47:58.125  
Point =    -18:58:54.375               -39:47:58.125  
Point =    -18:58:54.375               -39:48:35.625  
Point =    -18:59:31.875               -39:48:35.625  
Point =    -18:59:31.875               -39:48:26.25

```

Point = -18:59:41.25      -39:48:26.25
Point = -18:59:41.25      -39:48:16.875
Point = -19:00:00         -39:48:16.875
Point = -19:00:00         -39:48:35.625
Point = -19:00:00         -39:48:45
Point = -18:57:30         -39:48:45

```

## Onshore Espírito Santo basin offered blocks (Sector SES-T6)

Block name    Corrected Area(km2)

Point = Latitude    Longitude

-----

ES-T-442        43.225

```

Point = -19:05:00         -39:45:00
Point = -19:05:00         -39:48:45
Point = -19:04:31.875     -39:48:45
Point = -19:04:31.875     -39:48:35.625
Point = -19:04:41.25      -39:48:35.625
Point = -19:04:41.25      -39:47:58.125
Point = -19:03:16.875     -39:47:58.125
Point = -19:03:16.875     -39:48:45
Point = -19:02:48.75      -39:48:45
Point = -19:02:48.75      -39:48:35.625
Point = -19:02:58.125     -39:48:35.625
Point = -19:02:58.125     -39:47:48.75
Point = -19:02:39.375     -39:47:48.75
Point = -19:02:39.375     -39:47:30
Point = -19:02:30         -39:47:30
Point = -19:01:33.75      -39:47:30
Point = -19:01:33.75      -39:47:39.375
Point = -19:01:15         -39:47:39.375
Point = -19:01:15         -39:47:11.25
Point = -19:00:56.25      -39:47:11.25
Point = -19:00:56.25      -39:46:43.125
Point = -19:00:18.75      -39:46:43.125
Point = -19:00:18.75      -39:46:52.5
Point = -19:00:00         -39:46:52.5
Point = -19:00:00         -39:45:00
Point = -19:02:30         -39:45:00
Point = -19:05:00         -39:45:00

```

ES-T-454        27.016

```

Point = -19:05:00         -39:48:45
Point = -19:05:00         -39:45:00
Point = -19:07:30         -39:45:00
Point = -19:07:30         -39:45:28.125
Point = -19:07:01.875     -39:45:28.125
Point = -19:07:01.875     -39:45:46.875
Point = -19:06:52.5       -39:45:46.875
Point = -19:06:52.5       -39:46:05.625
Point = -19:06:43.125     -39:46:05.625
Point = -19:06:43.125     -39:46:43.125
Point = -19:07:01.875     -39:46:43.125
Point = -19:07:01.875     -39:47:01.875

```

Point = -19:07:11.25 -39:47:01.875  
Point = -19:07:11.25 -39:47:11.25  
Point = -19:07:30 -39:47:11.25  
Point = -19:07:30 -39:48:45  
Point = -19:05:00 -39:48:45

ES-T-455 27.885

Point = -19:05:00 -39:45:00  
Point = -19:05:00 -39:41:15  
Point = -19:07:30 -39:41:15  
Point = -19:07:30 -39:43:16.875  
Point = -19:07:01.875 -39:43:16.875  
Point = -19:07:01.875 -39:43:26.25  
Point = -19:06:52.5 -39:43:26.25  
Point = -19:06:52.5 -39:44:31.875  
Point = -19:07:30 -39:44:31.875  
Point = -19:07:30 -39:44:41.25  
Point = -19:07:30 -39:45:00  
Point = -19:05:00 -39:45:00

ES-T-486 50.603

Point = -19:12:30 -39:52:01.875  
Point = -19:12:30 -39:50:46.875  
Point = -19:11:15 -39:50:46.875  
Point = -19:11:15 -39:51:43.125  
Point = -19:10:46.875 -39:51:43.125  
Point = -19:10:46.875 -39:51:33.75  
Point = -19:10:00 -39:51:33.75  
Point = -19:10:00 -39:48:45  
Point = -19:12:30 -39:48:45  
Point = -19:15:00 -39:48:45  
Point = -19:15:00 -39:52:30  
Point = -19:12:30 -39:52:30  
Point = -19:12:11.25 -39:52:30  
Point = -19:12:11.25 -39:52:01.875  
Point = -19:12:30 -39:52:01.875

ES-T-495 30.303

Point = -19:17:30 -39:56:15  
Point = -19:15:00 -39:56:15  
Point = -19:15:00 -39:52:30  
Point = -19:17:30 -39:52:30  
Point = -19:17:30 -39:56:15

ES-T-496 30.303

Point = -19:15:00 -39:52:30  
Point = -19:15:00 -39:48:45  
Point = -19:17:30 -39:48:45  
Point = -19:17:30 -39:52:30  
Point = -19:15:00 -39:52:30

ES-T-504 30.296

Point = -19:20:00 -40:00:00  
Point = -19:17:30 -40:00:00  
Point = -19:17:30 -39:56:15  
Point = -19:20:00 -39:56:15  
Point = -19:20:00 -40:00:00

ES-T-505 30.296

Point = -19:17:30 -39:56:15  
Point = -19:17:30 -39:52:30  
Point = -19:20:00 -39:52:30  
Point = -19:20:00 -39:56:15  
Point = -19:17:30 -39:56:15

ES-T-506 30.296

Point = -19:17:30 -39:52:30  
Point = -19:17:30 -39:48:45  
Point = -19:20:00 -39:48:45  
Point = -19:20:00 -39:52:30  
Point = -19:17:30 -39:52:30

ES-T-514 30.288

Point = -19:20:00 -40:00:00  
Point = -19:20:00 -39:56:15  
Point = -19:22:30 -39:56:15  
Point = -19:22:30 -40:00:00  
Point = -19:20:00 -40:00:00

ES-T-515 30.288

Point = -19:20:00 -39:56:15  
Point = -19:20:00 -39:52:30  
Point = -19:22:30 -39:52:30  
Point = -19:22:30 -39:56:15  
Point = -19:20:00 -39:56:15

ES-T-516 30.288

Point = -19:20:00 -39:52:30  
Point = -19:20:00 -39:48:45  
Point = -19:22:30 -39:48:45  
Point = -19:22:30 -39:52:30  
Point = -19:20:00 -39:52:30

ES-T-525 30.281

Point = -19:22:30 -40:00:00  
Point = -19:22:30 -39:56:15  
Point = -19:25:00 -39:56:15  
Point = -19:25:00 -40:00:00  
Point = -19:22:30 -40:00:00

ES-T-526 30.281

Point = -19:22:30 -39:56:15  
Point = -19:22:30 -39:52:30  
Point = -19:25:00 -39:52:30  
Point = -19:25:00 -39:56:15  
Point = -19:22:30 -39:56:15

ES-T-537 30.273

Point = -19:25:00 -40:00:00  
Point = -19:25:00 -39:56:15  
Point = -19:27:30 -39:56:15  
Point = -19:27:30 -40:00:00  
Point = -19:25:00 -40:00:00

ES-T-538 30.273

```

Point = -19:25:00 -39:56:15
Point = -19:25:00 -39:52:30
Point = -19:27:30 -39:52:30
Point = -19:27:30 -39:56:15
Point = -19:25:00 -39:56:15

```

ES-T-550 30.265

```

Point = -19:27:30 -39:56:15
Point = -19:27:30 -39:52:30
Point = -19:30:00 -39:52:30
Point = -19:30:00 -39:56:15
Point = -19:27:30 -39:56:15

```

ES-T-562 30.258

```

Point = -19:30:00 -39:56:15
Point = -19:30:00 -39:52:30
Point = -19:32:30 -39:52:30
Point = -19:32:30 -39:56:15
Point = -19:30:00 -39:56:15

```

## Potiguar basin offered blocks (Sector SPOT-T2)

Block name Corrected Area(km2)

Point = Latitude Longitude

-----

POT-T-174 34.613

```

Point = -4:42:30 -37:26:15
Point = -4:40:00 -37:26:15
Point = -4:40:00 -37:22:30
Point = -4:41:15 -37:22:30
Point = -4:41:15 -37:23:45
Point = -4:41:52.5 -37:23:45
Point = -4:41:52.5 -37:25:00
Point = -4:42:30 -37:25:00
Point = -4:45:00 -37:25:00
Point = -4:45:00 -37:26:15
Point = -4:43:07.5 -37:26:15
Point = -4:42:30 -37:26:15

```

POT-T-186 26.624

```

Point = -4:42:30 -37:21:52.5
Point = -4:42:30 -37:18:45
Point = -4:45:00 -37:18:45
Point = -4:45:00 -37:21:52.5
Point = -4:42:30 -37:21:52.5

```

POT-T-196 31.947

Point = -4:45:00 -37:26:15  
Point = -4:45:00 -37:25:00  
Point = -4:45:00 -37:22:30  
Point = -4:47:30 -37:22:30  
Point = -4:47:30 -37:26:15  
Point = -4:45:00 -37:26:15

POT-T-197 31.947

Point = -4:45:00 -37:22:30  
Point = -4:45:00 -37:21:52.5  
Point = -4:45:00 -37:18:45  
Point = -4:47:30 -37:18:45  
Point = -4:47:30 -37:22:30  
Point = -4:45:00 -37:22:30

POT-T-198 31.947

Point = -4:45:00 -37:18:45  
Point = -4:45:00 -37:15:00  
Point = -4:47:30 -37:15:00  
Point = -4:47:30 -37:18:45  
Point = -4:45:00 -37:18:45

POT-T-209 31.945

Point = -4:47:30 -37:26:15  
Point = -4:47:30 -37:22:30  
Point = -4:50:00 -37:22:30  
Point = -4:50:00 -37:26:15  
Point = -4:47:30 -37:26:15

POT-T-210 31.945

Point = -4:47:30 -37:22:30  
Point = -4:47:30 -37:18:45  
Point = -4:50:00 -37:18:45  
Point = -4:50:00 -37:22:30  
Point = -4:47:30 -37:22:30

POT-T-211 31.945

Point = -4:47:30 -37:18:45  
Point = -4:47:30 -37:15:00  
Point = -4:50:00 -37:15:00  
Point = -4:50:00 -37:18:45  
Point = -4:47:30 -37:18:45

POT-T-223 31.943

Point = -4:50:00 -37:26:15  
Point = -4:50:00 -37:22:30  
Point = -4:52:30 -37:22:30  
Point = -4:52:30 -37:26:15  
Point = -4:50:00 -37:26:15

POT-T-224 31.943

Point = -4:50:00 -37:22:30  
Point = -4:50:00 -37:18:45  
Point = -4:52:30 -37:18:45  
Point = -4:52:30 -37:22:30  
Point = -4:50:00 -37:22:30

POT-T-225 31.943

Point = -4:50:00 -37:18:45  
Point = -4:50:00 -37:15:00  
Point = -4:52:30 -37:15:00  
Point = -4:52:30 -37:18:45  
Point = -4:50:00 -37:18:45

POT-T-239 31.941

Point = -4:52:30 -37:22:30  
Point = -4:52:30 -37:18:45  
Point = -4:55:00 -37:18:45  
Point = -4:55:00 -37:22:30  
Point = -4:52:30 -37:22:30

POT-T-240 31.941

Point = -4:52:30 -37:18:45  
Point = -4:52:30 -37:15:00  
Point = -4:55:00 -37:15:00  
Point = -4:55:00 -37:18:45  
Point = -4:52:30 -37:18:45

POT-T-241 31.941

Point = -4:52:30 -37:15:00  
Point = -4:52:30 -37:11:15  
Point = -4:55:00 -37:11:15  
Point = -4:55:00 -37:15:00  
Point = -4:52:30 -37:15:00

POT-T-255 31.939

Point = -4:55:00 -37:22:30  
Point = -4:55:00 -37:18:45  
Point = -4:57:30 -37:18:45  
Point = -4:57:30 -37:22:30  
Point = -4:55:00 -37:22:30

POT-T-256 31.939

Point = -4:55:00 -37:18:45  
Point = -4:55:00 -37:15:00  
Point = -4:57:30 -37:15:00  
Point = -4:57:30 -37:18:45  
Point = -4:55:00 -37:18:45

POT-T-257 31.939

Point = -4:55:00 -37:15:00  
Point = -4:55:00 -37:11:15  
Point = -4:57:30 -37:11:15  
Point = -4:57:30 -37:15:00  
Point = -4:55:00 -37:15:00

POT-T-276 31.937

Point = -4:57:30 -37:18:45  
Point = -4:57:30 -37:15:00  
Point = -5:00:00 -37:15:00  
Point = -5:00:00 -37:18:45

Point = -4:57:30 -37:18:45

POT-T-277 31.937

Point = -4:57:30 -37:15:00  
Point = -4:57:30 -37:11:15  
Point = -5:00:00 -37:11:15  
Point = -5:00:00 -37:15:00  
Point = -4:57:30 -37:15:00

POT-T-298 31.935

Point = -5:00:00 -37:18:45  
Point = -5:00:00 -37:15:00  
Point = -5:02:30 -37:15:00  
Point = -5:02:30 -37:18:45  
Point = -5:00:00 -37:18:45

POT-T-302 27.61

Point = -5:05:00 -37:00:00  
Point = -5:05:00 -37:03:45  
Point = -5:04:22.5 -37:03:45  
Point = -5:04:22.5 -37:03:07.5  
Point = -5:03:45 -37:03:07.5  
Point = -5:03:45 -37:02:30  
Point = -5:03:07.5 -37:02:30  
Point = -5:03:07.5 -37:01:52.5  
Point = -5:02:30 -37:01:52.5  
Point = -5:02:30 -37:01:15  
Point = -5:01:52.5 -37:01:15  
Point = -5:01:52.5 -37:00:28.125  
Point = -5:01:15 -37:00:28.125  
Point = -5:01:15 -37:00:00  
Point = -5:02:30 -37:00:00  
Point = -5:05:00 -37:00:00

POT-T-321 52.639

Point = -5:05:00 -37:18:45  
Point = -5:02:30 -37:18:45  
Point = -5:02:30 -37:15:00  
Point = -5:05:00 -37:15:00  
Point = -5:05:00 -37:14:22.5  
Point = -5:05:37.5 -37:14:22.5  
Point = -5:05:37.5 -37:14:50.625  
Point = -5:06:15 -37:14:50.625  
Point = -5:06:15 -37:15:00  
Point = -5:06:15 -37:16:05.625  
Point = -5:07:01.875 -37:16:05.625  
Point = -5:07:01.875 -37:16:52.5  
Point = -5:06:24.375 -37:16:52.5  
Point = -5:06:24.375 -37:18:45  
Point = -5:05:00 -37:18:45

POT-T-352 31.931

Point = -5:05:00 -37:03:45  
Point = -5:05:00 -37:00:00  
Point = -5:07:30 -37:00:00  
Point = -5:07:30 -37:03:45  
Point = -5:05:00 -37:03:45

POT-T-391 43.905

Point =	-5:07:30	-37:03:45
Point =	-5:10:00	-37:03:45
Point =	-5:10:00	-37:07:30
Point =	-5:08:45	-37:07:30
Point =	-5:08:07.5	-37:07:30
Point =	-5:08:07.5	-37:06:52.5
Point =	-5:07:30	-37:06:52.5
Point =	-5:07:30	-37:06:15
Point =	-5:06:52.5	-37:06:15
Point =	-5:06:52.5	-37:05:37.5
Point =	-5:06:15	-37:05:37.5
Point =	-5:06:15	-37:05:00
Point =	-5:05:37.5	-37:05:00
Point =	-5:05:37.5	-37:04:22.5
Point =	-5:05:00	-37:04:22.5
Point =	-5:05:00	-37:03:45
Point =	-5:07:30	-37:03:45

POT-T-392 31.929

Point =	-5:07:30	-37:03:45
Point =	-5:07:30	-37:00:00
Point =	-5:10:00	-37:00:00
Point =	-5:10:00	-37:03:45
Point =	-5:07:30	-37:03:45

POT-T-432 34.589

Point =	-5:12:30	-37:07:30
Point =	-5:12:30	-37:11:15
Point =	-5:11:15	-37:11:15
Point =	-5:11:15	-37:10:37.5
Point =	-5:10:37.5	-37:10:37.5
Point =	-5:10:37.5	-37:10:00
Point =	-5:10:00	-37:10:00
Point =	-5:09:22.5	-37:10:00
Point =	-5:09:22.5	-37:08:07.5
Point =	-5:08:45	-37:08:07.5
Point =	-5:08:45	-37:07:30
Point =	-5:10:00	-37:07:30
Point =	-5:12:30	-37:07:30

POT-T-433 31.927

Point =	-5:10:00	-37:07:30
Point =	-5:10:00	-37:03:45
Point =	-5:12:30	-37:03:45
Point =	-5:12:30	-37:07:30
Point =	-5:10:00	-37:07:30

POT-T-434 31.927

Point =	-5:10:00	-37:03:45
Point =	-5:10:00	-37:00:00
Point =	-5:12:30	-37:00:00
Point =	-5:12:30	-37:03:45
Point =	-5:10:00	-37:03:45

POT-T-476 31.925

Point =	-5:12:30	-37:11:15
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Point =	-5:12:30	-37:07:30
Point =	-5:15:00	-37:07:30
Point =	-5:15:00	-37:11:15
Point =	-5:12:30	-37:11:15

POT-T-477 31.925

Point =	-5:12:30	-37:07:30
Point =	-5:12:30	-37:03:45
Point =	-5:15:00	-37:03:45
Point =	-5:15:00	-37:07:30
Point =	-5:12:30	-37:07:30

POT-T-478 31.925

Point =	-5:12:30	-37:03:45
Point =	-5:12:30	-37:00:00
Point =	-5:15:00	-37:00:00
Point =	-5:15:00	-37:03:45
Point =	-5:12:30	-37:03:45

### Potiguar basin offered blocks (Sector SPOT-T3)

Block name Corrected Area(km2)

Point = Latitude Longitude

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POT-T-331 31.933

Point =	-5:05:00	-36:03:45
Point =	-5:02:30	-36:03:45
Point =	-5:02:30	-36:00:00
Point =	-5:05:00	-36:00:00
Point =	-5:05:00	-36:03:45

POT-T-353 31.931

Point =	-5:05:00	-37:00:00
Point =	-5:05:00	-36:56:15
Point =	-5:07:30	-36:56:15
Point =	-5:07:30	-37:00:00
Point =	-5:05:00	-37:00:00

POT-T-354 31.931

Point =	-5:05:00	-36:56:15
Point =	-5:05:00	-36:52:30
Point =	-5:07:30	-36:52:30
Point =	-5:07:30	-36:56:15
Point =	-5:05:00	-36:56:15

POT-T-355 31.931

Point =	-5:05:00	-36:52:30
Point =	-5:05:00	-36:48:45
Point =	-5:07:30	-36:48:45

Point = -5:07:30 -36:52:30  
Point = -5:05:00 -36:52:30

POT-T-366 31.931

Point = -5:05:00 -36:11:15  
Point = -5:05:00 -36:07:30  
Point = -5:07:30 -36:07:30  
Point = -5:07:30 -36:11:15  
Point = -5:05:00 -36:11:15

POT-T-367 31.931

Point = -5:05:00 -36:07:30  
Point = -5:05:00 -36:03:45  
Point = -5:07:30 -36:03:45  
Point = -5:07:30 -36:07:30  
Point = -5:05:00 -36:07:30

POT-T-368 31.931

Point = -5:05:00 -36:03:45  
Point = -5:05:00 -36:00:00  
Point = -5:07:30 -36:00:00  
Point = -5:07:30 -36:03:45  
Point = -5:05:00 -36:03:45

POT-T-393 31.929

Point = -5:07:30 -37:00:00  
Point = -5:07:30 -36:56:15  
Point = -5:10:00 -36:56:15  
Point = -5:10:00 -37:00:00  
Point = -5:07:30 -37:00:00

POT-T-394 31.929

Point = -5:07:30 -36:56:15  
Point = -5:07:30 -36:52:30  
Point = -5:10:00 -36:52:30  
Point = -5:10:00 -36:56:15  
Point = -5:07:30 -36:56:15

POT-T-395 31.929

Point = -5:07:30 -36:52:30  
Point = -5:07:30 -36:48:45  
Point = -5:10:00 -36:48:45  
Point = -5:10:00 -36:52:30  
Point = -5:07:30 -36:52:30

POT-T-401 47.892

Point = -5:10:00 -36:30:00  
Point = -5:07:30 -36:30:00  
Point = -5:07:30 -36:26:15  
Point = -5:09:22.5 -36:26:15  
Point = -5:09:22.5 -36:26:52.5  
Point = -5:10:00 -36:26:52.5  
Point = -5:10:37.5 -36:26:52.5  
Point = -5:10:37.5 -36:27:30  
Point = -5:11:52.5 -36:27:30  
Point = -5:11:52.5 -36:30:00

Point =	-5:10:00	-36:30:00
POT-T-402 26.608		
Point =	-5:07:30	-36:26:15
Point =	-5:07:30	-36:22:30
Point =	-5:10:00	-36:22:30
Point =	-5:10:00	-36:23:07.5
Point =	-5:10:00	-36:23:45
Point =	-5:09:22.5	-36:23:45
Point =	-5:09:22.5	-36:26:15
Point =	-5:07:30	-36:26:15
POT-T-403 31.929		
Point =	-5:07:30	-36:22:30
Point =	-5:07:30	-36:18:45
Point =	-5:10:00	-36:18:45
Point =	-5:10:00	-36:22:30
Point =	-5:07:30	-36:22:30
POT-T-404 31.929		
Point =	-5:07:30	-36:18:45
Point =	-5:07:30	-36:15:00
Point =	-5:10:00	-36:15:00
Point =	-5:10:00	-36:18:45
Point =	-5:07:30	-36:18:45
POT-T-406 31.929		
Point =	-5:07:30	-36:11:15
Point =	-5:07:30	-36:07:30
Point =	-5:10:00	-36:07:30
Point =	-5:10:00	-36:11:15
Point =	-5:07:30	-36:11:15
POT-T-407 31.929		
Point =	-5:07:30	-36:07:30
Point =	-5:07:30	-36:03:45
Point =	-5:10:00	-36:03:45
Point =	-5:10:00	-36:07:30
Point =	-5:07:30	-36:07:30
POT-T-408 31.929		
Point =	-5:07:30	-36:03:45
Point =	-5:07:30	-36:00:00
Point =	-5:10:00	-36:00:00
Point =	-5:10:00	-36:03:45
Point =	-5:07:30	-36:03:45
POT-T-435 31.927		
Point =	-5:10:00	-37:00:00
Point =	-5:10:00	-36:56:15
Point =	-5:12:30	-36:56:15
Point =	-5:12:30	-37:00:00
Point =	-5:10:00	-37:00:00
POT-T-436 31.927		

Point = -5:10:00 -36:56:15  
Point = -5:10:00 -36:52:30  
Point = -5:12:30 -36:52:30  
Point = -5:12:30 -36:56:15  
Point = -5:10:00 -36:56:15

POT-T-437 31.927

Point = -5:10:00 -36:52:30  
Point = -5:10:00 -36:48:45  
Point = -5:12:30 -36:48:45  
Point = -5:12:30 -36:52:30  
Point = -5:10:00 -36:52:30

POT-T-442 38.578

Point = -5:13:45 -36:33:07.5  
Point = -5:13:45 -36:33:45  
Point = -5:12:30 -36:33:45  
Point = -5:10:00 -36:33:45  
Point = -5:10:00 -36:30:00  
Point = -5:11:52.5 -36:30:00  
Point = -5:12:30 -36:30:00  
Point = -5:12:30 -36:31:15  
Point = -5:13:07.5 -36:31:15  
Point = -5:13:07.5 -36:33:07.5  
Point = -5:13:45 -36:33:07.5

POT-T-445 41.24

Point = -5:10:00 -36:22:30  
Point = -5:10:00 -36:18:45  
Point = -5:12:30 -36:18:45  
Point = -5:12:30 -36:22:30  
Point = -5:12:30 -36:25:00  
Point = -5:11:52.5 -36:25:00  
Point = -5:11:52.5 -36:23:07.5  
Point = -5:10:00 -36:23:07.5  
Point = -5:10:00 -36:22:30

POT-T-446 31.927

Point = -5:10:00 -36:18:45  
Point = -5:10:00 -36:15:00  
Point = -5:12:30 -36:15:00  
Point = -5:12:30 -36:18:45  
Point = -5:10:00 -36:18:45

POT-T-447 31.927

Point = -5:10:00 -36:15:00  
Point = -5:10:00 -36:11:15  
Point = -5:12:30 -36:11:15  
Point = -5:12:30 -36:15:00  
Point = -5:10:00 -36:15:00

POT-T-448 31.927

Point = -5:10:00 -36:11:15  
Point = -5:10:00 -36:07:30  
Point = -5:12:30 -36:07:30  
Point = -5:12:30 -36:11:15  
Point = -5:10:00 -36:11:15

POT-T-449 31.927

Point =	-5:10:00	-36:07:30
Point =	-5:10:00	-36:03:45
Point =	-5:12:30	-36:03:45
Point =	-5:12:30	-36:07:30
Point =	-5:10:00	-36:07:30

POT-T-450 31.927

Point =	-5:10:00	-36:03:45
Point =	-5:10:00	-36:00:00
Point =	-5:12:30	-36:00:00
Point =	-5:12:30	-36:03:45
Point =	-5:10:00	-36:03:45

POT-T-479 31.925

Point =	-5:12:30	-37:00:00
Point =	-5:12:30	-36:56:15
Point =	-5:15:00	-36:56:15
Point =	-5:15:00	-37:00:00
Point =	-5:12:30	-37:00:00

POT-T-480 31.925

Point =	-5:12:30	-36:56:15
Point =	-5:12:30	-36:52:30
Point =	-5:15:00	-36:52:30
Point =	-5:15:00	-36:56:15
Point =	-5:12:30	-36:56:15

POT-T-481 31.925

Point =	-5:12:30	-36:52:30
Point =	-5:12:30	-36:48:45
Point =	-5:15:00	-36:48:45
Point =	-5:15:00	-36:52:30
Point =	-5:12:30	-36:52:30

POT-T-484 37.247

Point =	-5:13:45	-36:41:15
Point =	-5:13:45	-36:40:00
Point =	-5:12:30	-36:40:00
Point =	-5:12:30	-36:37:30
Point =	-5:15:00	-36:37:30
Point =	-5:15:00	-36:41:15
Point =	-5:15:00	-36:43:45
Point =	-5:14:22.5	-36:43:45
Point =	-5:14:22.5	-36:42:30
Point =	-5:13:45	-36:42:30
Point =	-5:13:45	-36:41:52.5
Point =	-5:12:30	-36:41:52.5
Point =	-5:12:30	-36:41:15
Point =	-5:13:45	-36:41:15

POT-T-485 27.934

Point =	-5:12:30	-36:37:30
Point =	-5:12:30	-36:33:45
Point =	-5:13:45	-36:33:45
Point =	-5:13:45	-36:34:22.5
Point =	-5:14:22.5	-36:34:22.5

Point =	-5:14:22.5	-36:35:00
Point =	-5:15:00	-36:35:00
Point =	-5:15:00	-36:36:15
Point =	-5:15:00	-36:37:30
Point =	-5:12:30	-36:37:30

POT-T-488 45.228

Point =	-5:12:30	-36:26:15
Point =	-5:12:30	-36:25:00
Point =	-5:12:30	-36:22:30
Point =	-5:15:00	-36:22:30
Point =	-5:15:00	-36:26:15
Point =	-5:15:00	-36:28:45
Point =	-5:14:22.5	-36:28:45
Point =	-5:14:22.5	-36:27:30
Point =	-5:12:30	-36:27:30
Point =	-5:12:30	-36:26:15

POT-T-489 31.925

Point =	-5:12:30	-36:22:30
Point =	-5:12:30	-36:18:45
Point =	-5:15:00	-36:18:45
Point =	-5:15:00	-36:22:30
Point =	-5:12:30	-36:22:30

### Potiguar basin offered blocks (Sector SPOT-T4)

Block name Corrected Area(km2)

Point = Latitude Longitude

-----  
POT-T-511 31.923

Point =	-5:17:30	-37:45:00
Point =	-5:15:00	-37:45:00
Point =	-5:15:00	-37:41:15
Point =	-5:17:30	-37:41:15
Point =	-5:17:30	-37:45:00

POT-T-512 31.923

Point =	-5:15:00	-37:41:15
Point =	-5:15:00	-37:37:30
Point =	-5:17:30	-37:37:30
Point =	-5:17:30	-37:41:15
Point =	-5:15:00	-37:41:15

POT-T-513 31.923

Point =	-5:15:00	-37:37:30
Point =	-5:15:00	-37:33:45
Point =	-5:17:30	-37:33:45
Point =	-5:17:30	-37:37:30
Point =	-5:15:00	-37:37:30

POT-T-520 31.923

Point = -5:15:00 -37:11:15  
Point = -5:15:00 -37:07:30  
Point = -5:17:30 -37:07:30  
Point = -5:17:30 -37:11:15  
Point = -5:15:00 -37:11:15

POT-T-521 47.884

Point = -5:17:30 -37:03:45  
Point = -5:17:30 -37:07:30  
Point = -5:15:00 -37:07:30  
Point = -5:15:00 -37:03:45  
Point = -5:15:00 -37:00:00  
Point = -5:15:46.875 -37:00:00  
Point = -5:15:46.875 -37:01:52.5  
Point = -5:16:24.375 -37:01:52.5  
Point = -5:16:24.375 -37:02:30  
Point = -5:16:52.5 -37:02:30  
Point = -5:16:52.5 -37:03:45  
Point = -5:17:30 -37:03:45

POT-T-553 31.921

Point = -5:20:00 -37:56:15  
Point = -5:17:30 -37:56:15  
Point = -5:17:30 -37:52:30  
Point = -5:20:00 -37:52:30  
Point = -5:20:00 -37:56:15

POT-T-554 31.921

Point = -5:17:30 -37:52:30  
Point = -5:17:30 -37:48:45  
Point = -5:20:00 -37:48:45  
Point = -5:20:00 -37:52:30  
Point = -5:17:30 -37:52:30

POT-T-555 31.921

Point = -5:17:30 -37:48:45  
Point = -5:17:30 -37:45:00  
Point = -5:20:00 -37:45:00  
Point = -5:20:00 -37:48:45  
Point = -5:17:30 -37:48:45

POT-T-556 31.921

Point = -5:17:30 -37:45:00  
Point = -5:17:30 -37:41:15  
Point = -5:20:00 -37:41:15  
Point = -5:20:00 -37:45:00  
Point = -5:17:30 -37:45:00

POT-T-557 31.921

Point = -5:17:30 -37:41:15  
Point = -5:17:30 -37:37:30  
Point = -5:20:00 -37:37:30  
Point = -5:20:00 -37:41:15  
Point = -5:17:30 -37:41:15

POT-T-558 31.921

Point = -5:17:30 -37:37:30  
Point = -5:17:30 -37:33:45  
Point = -5:20:00 -37:33:45  
Point = -5:20:00 -37:34:22.5  
Point = -5:20:00 -37:37:30  
Point = -5:17:30 -37:37:30

POT-T-562 31.921

Point = -5:20:00 -37:22:30  
Point = -5:17:30 -37:22:30  
Point = -5:17:30 -37:18:45  
Point = -5:20:00 -37:18:45  
Point = -5:20:00 -37:22:30

POT-T-563 31.921

Point = -5:17:30 -37:18:45  
Point = -5:17:30 -37:15:00  
Point = -5:20:00 -37:15:00  
Point = -5:20:00 -37:18:45  
Point = -5:17:30 -37:18:45

POT-T-564 31.921

Point = -5:17:30 -37:15:00  
Point = -5:17:30 -37:11:15  
Point = -5:20:00 -37:11:15  
Point = -5:20:00 -37:15:00  
Point = -5:17:30 -37:15:00

POT-T-565 31.921

Point = -5:17:30 -37:11:15  
Point = -5:17:30 -37:07:30  
Point = -5:20:00 -37:07:30  
Point = -5:20:00 -37:11:15  
Point = -5:17:30 -37:11:15

POT-T-598 31.919

Point = -5:20:00 -37:56:15  
Point = -5:20:00 -37:52:30  
Point = -5:22:30 -37:52:30  
Point = -5:22:30 -37:56:15  
Point = -5:20:00 -37:56:15

POT-T-601 31.919

Point = -5:20:00 -37:45:00  
Point = -5:20:00 -37:41:15  
Point = -5:22:30 -37:41:15  
Point = -5:22:30 -37:45:00  
Point = -5:20:00 -37:45:00

POT-T-602 39.898

Point = -5:22:30 -37:39:22.5  
Point = -5:22:30 -37:41:15  
Point = -5:20:00 -37:41:15  
Point = -5:20:00 -37:37:30  
Point = -5:20:00 -37:34:22.5  
Point = -5:20:37.5 -37:34:22.5

Point = -5:20:37.5 -37:35:00  
Point = -5:21:52.5 -37:35:00  
Point = -5:21:52.5 -37:36:15  
Point = -5:21:52.5 -37:36:52.5  
Point = -5:21:15 -37:36:52.5  
Point = -5:21:15 -37:37:30  
Point = -5:21:15 -37:39:22.5  
Point = -5:22:30 -37:39:22.5

POT-T-607 31.919

Point = -5:20:00 -37:22:30  
Point = -5:20:00 -37:18:45  
Point = -5:22:30 -37:18:45  
Point = -5:22:30 -37:22:30  
Point = -5:20:00 -37:22:30

POT-T-608 31.919

Point = -5:20:00 -37:18:45  
Point = -5:20:00 -37:15:00  
Point = -5:22:30 -37:15:00  
Point = -5:22:30 -37:18:45  
Point = -5:20:00 -37:18:45

POT-T-609 31.919

Point = -5:20:00 -37:15:00  
Point = -5:20:00 -37:11:15  
Point = -5:22:30 -37:11:15  
Point = -5:22:30 -37:15:00  
Point = -5:20:00 -37:15:00

POT-T-612 53.2

Point = -5:22:30 -37:00:00  
Point = -5:22:30 -37:03:45  
Point = -5:20:00 -37:03:45  
Point = -5:18:54.375 -37:03:45  
Point = -5:18:54.375 -37:02:20.625  
Point = -5:18:16.875 -37:02:20.625  
Point = -5:18:16.875 -37:01:05.625  
Point = -5:17:39.375 -37:01:05.625  
Point = -5:17:39.375 -37:00:00  
Point = -5:20:00 -37:00:00  
Point = -5:22:30 -37:00:00

POT-T-642 31.917

Point = -5:25:00 -38:00:00  
Point = -5:22:30 -38:00:00  
Point = -5:22:30 -37:56:15  
Point = -5:25:00 -37:56:15  
Point = -5:25:00 -38:00:00

POT-T-650 31.917

Point = -5:25:00 -37:30:00  
Point = -5:22:30 -37:30:00  
Point = -5:22:30 -37:26:15  
Point = -5:25:00 -37:26:15  
Point = -5:25:00 -37:30:00

POT-T-651 31.917

Point = -5:22:30 -37:26:15  
Point = -5:22:30 -37:22:30  
Point = -5:25:00 -37:22:30  
Point = -5:25:00 -37:26:15  
Point = -5:22:30 -37:26:15

POT-T-652 31.917

Point = -5:22:30 -37:22:30  
Point = -5:22:30 -37:18:45  
Point = -5:25:00 -37:18:45  
Point = -5:25:00 -37:22:30  
Point = -5:22:30 -37:22:30

POT-T-653 31.917

Point = -5:22:30 -37:18:45  
Point = -5:22:30 -37:15:00  
Point = -5:25:00 -37:15:00  
Point = -5:25:00 -37:18:45  
Point = -5:22:30 -37:18:45

POT-T-655 31.917

Point = -5:22:30 -37:11:15  
Point = -5:22:30 -37:07:30  
Point = -5:25:00 -37:07:30  
Point = -5:25:00 -37:11:15  
Point = -5:22:30 -37:11:15

POT-T-656 50.202

Point = -5:25:00 -37:03:07.5  
Point = -5:25:00 -37:03:45  
Point = -5:25:00 -37:07:30  
Point = -5:22:30 -37:07:30  
Point = -5:22:30 -37:03:45  
Point = -5:22:30 -37:00:00  
Point = -5:23:07.5 -37:00:00  
Point = -5:23:45 -37:00:00  
Point = -5:23:45 -37:00:37.5  
Point = -5:23:26.25 -37:00:37.5  
Point = -5:23:26.25 -37:01:52.5  
Point = -5:23:45 -37:01:52.5  
Point = -5:23:45 -37:02:39.375  
Point = -5:24:22.5 -37:02:39.375  
Point = -5:24:22.5 -37:03:07.5  
Point = -5:25:00 -37:03:07.5

POT-T-688 31.915

Point = -5:25:00 -38:00:00  
Point = -5:25:00 -37:56:15  
Point = -5:27:30 -37:56:15  
Point = -5:27:30 -38:00:00  
Point = -5:25:00 -38:00:00

POT-T-696 31.915

Point = -5:25:00 -37:30:00  
Point = -5:25:00 -37:26:15  
Point = -5:27:30 -37:26:15  
Point = -5:27:30 -37:30:00

Point =	-5:25:00	-37:30:00
POT-T-697 31.915		
Point =	-5:25:00	-37:26:15
Point =	-5:25:00	-37:22:30
Point =	-5:27:30	-37:22:30
Point =	-5:27:30	-37:26:15
Point =	-5:25:00	-37:26:15
POT-T-698 31.915		
Point =	-5:25:00	-37:22:30
Point =	-5:25:00	-37:18:45
Point =	-5:27:30	-37:18:45
Point =	-5:27:30	-37:22:30
Point =	-5:25:00	-37:22:30
POT-T-699 31.915		
Point =	-5:25:00	-37:18:45
Point =	-5:25:00	-37:15:00
Point =	-5:27:30	-37:15:00
Point =	-5:27:30	-37:18:45
Point =	-5:25:00	-37:18:45
POT-T-700 51.861		
Point =	-5:27:30	-37:15:00
Point =	-5:25:00	-37:15:00
Point =	-5:25:00	-37:11:15
Point =	-5:27:30	-37:11:15
Point =	-5:30:00	-37:11:15
Point =	-5:30:00	-37:13:07.5
Point =	-5:28:07.5	-37:13:07.5
Point =	-5:28:07.5	-37:15:00
Point =	-5:27:30	-37:15:00
POT-T-701 55.186		
Point =	-5:27:30	-37:03:45
Point =	-5:27:30	-37:04:50.625
Point =	-5:26:15	-37:04:50.625
Point =	-5:26:15	-37:06:52.5
Point =	-5:27:30	-37:06:52.5
Point =	-5:27:30	-37:07:30
Point =	-5:27:30	-37:11:15
Point =	-5:25:00	-37:11:15
Point =	-5:25:00	-37:07:30
Point =	-5:25:00	-37:03:45
Point =	-5:27:30	-37:03:45
POT-T-734 31.913		
Point =	-5:27:30	-38:00:00
Point =	-5:27:30	-37:56:15
Point =	-5:30:00	-37:56:15
Point =	-5:30:00	-38:00:00
Point =	-5:27:30	-38:00:00
POT-T-743 31.913		
Point =	-5:27:30	-37:26:15
Point =	-5:27:30	-37:22:30

Point = -5:30:00 -37:22:30  
Point = -5:30:00 -37:26:15  
Point = -5:27:30 -37:26:15

POT-T-744 31.913

Point = -5:27:30 -37:22:30  
Point = -5:27:30 -37:18:45  
Point = -5:30:00 -37:18:45  
Point = -5:30:00 -37:22:30  
Point = -5:27:30 -37:22:30

POT-T-745 27.923

Point = -5:27:30 -37:18:45  
Point = -5:27:30 -37:15:00  
Point = -5:28:07.5 -37:15:00  
Point = -5:28:07.5 -37:15:37.5  
Point = -5:30:00 -37:15:37.5  
Point = -5:30:00 -37:18:45  
Point = -5:27:30 -37:18:45

POT-T-747 27.923

Point = -5:27:30 -37:11:15  
Point = -5:27:30 -37:07:30  
Point = -5:28:26.25 -37:07:30  
Point = -5:28:26.25 -37:08:26.25  
Point = -5:29:41.25 -37:08:26.25  
Point = -5:29:41.25 -37:07:30  
Point = -5:30:00 -37:07:30  
Point = -5:30:00 -37:11:15  
Point = -5:27:30 -37:11:15

POT-T-748 29.503

Point = -5:27:30 -37:07:30  
Point = -5:27:30 -37:06:52.5  
Point = -5:27:39.375 -37:06:52.5  
Point = -5:27:39.375 -37:04:50.625  
Point = -5:27:30 -37:04:50.625  
Point = -5:27:30 -37:03:45  
Point = -5:30:00 -37:03:45  
Point = -5:30:00 -37:07:30  
Point = -5:29:41.25 -37:07:30  
Point = -5:29:41.25 -37:07:11.25  
Point = -5:28:26.25 -37:07:11.25  
Point = -5:28:26.25 -37:07:30  
Point = -5:27:30 -37:07:30

POT-T-749 54.019

Point = -5:30:00 -37:00:00  
Point = -5:30:00 -37:03:45  
Point = -5:27:30 -37:03:45  
Point = -5:25:00 -37:03:45  
Point = -5:25:00 -37:03:07.5  
Point = -5:25:46.875 -37:03:07.5  
Point = -5:25:46.875 -37:02:30  
Point = -5:25:18.75 -37:02:30  
Point = -5:25:18.75 -37:01:43.125  
Point = -5:26:15 -37:01:43.125  
Point = -5:26:15 -37:00:00  
Point = -5:27:30 -37:00:00

Point =	-5:30:00	-37:00:00
POT-T-781 31.91		
Point =	-5:30:00	-38:00:00
Point =	-5:30:00	-37:56:15
Point =	-5:32:30	-37:56:15
Point =	-5:32:30	-38:00:00
Point =	-5:30:00	-38:00:00
POT-T-790 31.91		
Point =	-5:30:00	-37:26:15
Point =	-5:30:00	-37:22:30
Point =	-5:32:30	-37:22:30
Point =	-5:32:30	-37:26:15
Point =	-5:30:00	-37:26:15
POT-T-791 29.251		
Point =	-5:30:00	-37:22:30
Point =	-5:30:00	-37:18:45
Point =	-5:31:52.5	-37:18:45
Point =	-5:31:52.5	-37:19:03.75
Point =	-5:31:52.5	-37:20:00
Point =	-5:32:30	-37:20:00
Point =	-5:32:30	-37:22:30
Point =	-5:30:00	-37:22:30
POT-T-792 47.534		
Point =	-5:32:30	-37:17:58.125
Point =	-5:32:30	-37:18:35.625
Point =	-5:31:52.5	-37:18:35.625
Point =	-5:31:52.5	-37:18:45
Point =	-5:30:00	-37:18:45
Point =	-5:30:00	-37:15:37.5
Point =	-5:30:37.5	-37:15:37.5
Point =	-5:30:37.5	-37:15:00
Point =	-5:30:37.5	-37:13:07.5
Point =	-5:30:00	-37:13:07.5
Point =	-5:30:00	-37:11:15
Point =	-5:32:30	-37:11:15
Point =	-5:32:30	-37:15:00
Point =	-5:32:30	-37:15:28.125
Point =	-5:31:15	-37:15:28.125
Point =	-5:31:15	-37:17:58.125
Point =	-5:32:30	-37:17:58.125
POT-T-794 31.91		
Point =	-5:30:00	-37:11:15
Point =	-5:30:00	-37:07:30
Point =	-5:32:30	-37:07:30
Point =	-5:32:30	-37:11:15
Point =	-5:30:00	-37:11:15
POT-T-795 31.91		
Point =	-5:30:00	-37:07:30
Point =	-5:30:00	-37:03:45
Point =	-5:32:30	-37:03:45
Point =	-5:32:30	-37:07:30
Point =	-5:30:00	-37:07:30

POT-T-828 31.908

Point =	-5:32:30	-38:00:00
Point =	-5:32:30	-37:56:15
Point =	-5:35:00	-37:56:15
Point =	-5:35:00	-38:00:00
Point =	-5:32:30	-38:00:00

POT-T-837 48.526

Point =	-5:35:00	-37:18:45
Point =	-5:35:00	-37:22:30
Point =	-5:35:00	-37:23:45
Point =	-5:33:45	-37:23:45
Point =	-5:33:45	-37:25:00
Point =	-5:35:00	-37:25:00
Point =	-5:35:00	-37:26:15
Point =	-5:32:30	-37:26:15
Point =	-5:32:30	-37:22:30
Point =	-5:32:30	-37:20:00
Point =	-5:33:07.5	-37:20:00
Point =	-5:33:07.5	-37:19:22.5
Point =	-5:33:45	-37:19:22.5
Point =	-5:33:45	-37:18:45
Point =	-5:35:00	-37:18:45

Área de exclusão(1)

Point =	-5:34:22.5	-37:21:43.125
Point =	-5:33:07.5	-37:21:43.125
Point =	-5:33:07.5	-37:22:30
Point =	-5:33:07.5	-37:23:07.5
Point =	-5:34:22.5	-37:23:07.5
Point =	-5:34:22.5	-37:22:30
Point =	-5:34:22.5	-37:21:43.125

POT-T-841 31.908

Point =	-5:32:30	-37:11:15
Point =	-5:32:30	-37:07:30
Point =	-5:35:00	-37:07:30
Point =	-5:35:00	-37:11:15
Point =	-5:32:30	-37:11:15

POT-T-872 31.906

Point =	-5:35:00	-38:00:00
Point =	-5:35:00	-37:56:15
Point =	-5:37:30	-37:56:15
Point =	-5:37:30	-38:00:00
Point =	-5:35:00	-38:00:00

POT-T-881 31.906

Point =	-5:35:00	-37:25:00
Point =	-5:35:00	-37:23:45
Point =	-5:35:00	-37:22:30
Point =	-5:37:30	-37:22:30
Point =	-5:37:30	-37:26:15
Point =	-5:35:00	-37:26:15
Point =	-5:35:00	-37:25:00

POT-T-882 31.906

Point = -5:35:00 -37:22:30  
Point = -5:35:00 -37:18:45  
Point = -5:37:30 -37:18:45  
Point = -5:37:30 -37:22:30  
Point = -5:35:00 -37:22:30

POT-T-883 51.35

Point = -5:37:30 -37:15:00  
Point = -5:37:30 -37:18:45  
Point = -5:35:00 -37:18:45  
Point = -5:33:45 -37:18:45  
Point = -5:33:45 -37:17:58.125  
Point = -5:33:45 -37:15:56.25  
Point = -5:32:48.75 -37:15:56.25  
Point = -5:32:48.75 -37:15:28.125  
Point = -5:32:30 -37:15:28.125  
Point = -5:32:30 -37:15:00  
Point = -5:35:00 -37:15:00  
Point = -5:37:30 -37:15:00

POT-T-906 31.904

Point = -5:37:30 -38:00:00  
Point = -5:37:30 -37:56:15  
Point = -5:40:00 -37:56:15  
Point = -5:40:00 -38:00:00  
Point = -5:37:30 -38:00:00

POT-T-907 31.904

Point = -5:37:30 -37:56:15  
Point = -5:37:30 -37:52:30  
Point = -5:40:00 -37:52:30  
Point = -5:40:00 -37:56:15  
Point = -5:37:30 -37:56:15

POT-T-908 31.904

Point = -5:37:30 -37:52:30  
Point = -5:37:30 -37:48:45  
Point = -5:40:00 -37:48:45  
Point = -5:40:00 -37:52:30  
Point = -5:37:30 -37:52:30

POT-T-910 31.904

Point = -5:40:00 -37:41:15  
Point = -5:40:00 -37:45:00  
Point = -5:37:30 -37:45:00  
Point = -5:37:30 -37:41:15  
Point = -5:40:00 -37:41:15

POT-T-911 31.904

Point = -5:37:30 -37:41:15  
Point = -5:37:30 -37:37:30  
Point = -5:40:00 -37:37:30  
Point = -5:40:00 -37:41:15  
Point = -5:37:30 -37:41:15

POT-T-915 31.904

```

Point = -5:37:30 -37:26:15
Point = -5:37:30 -37:22:30
Point = -5:40:00 -37:22:30
Point = -5:40:00 -37:26:15
Point = -5:37:30 -37:26:15

```

## Potiguar basin offered blocks (Sector SPOT-T5)

Block name Corrected Area(km2)

Point = Latitude Longitude

-----  
---

POT-T-523 28.349

```

Point = -5:15:00 -37:00:00
Point = -5:15:00 -36:56:15
Point = -5:17:30 -36:56:15
Point = -5:17:30 -36:59:50.625
Point = -5:17:01.875 -36:59:50.625
Point = -5:17:01.875 -36:59:13.125
Point = -5:15:46.875 -36:59:13.125
Point = -5:15:46.875 -37:00:00
Point = -5:15:00 -37:00:00

```

POT-T-524 31.923

```

Point = -5:15:00 -36:56:15
Point = -5:15:00 -36:52:30
Point = -5:17:30 -36:52:30
Point = -5:17:30 -36:56:15
Point = -5:15:00 -36:56:15

```

POT-T-525 31.923

```

Point = -5:15:00 -36:52:30
Point = -5:15:00 -36:48:45
Point = -5:17:30 -36:48:45
Point = -5:17:30 -36:52:30
Point = -5:15:00 -36:52:30

```

POT-T-527 31.923

```

Point = -5:15:00 -36:45:00
Point = -5:15:00 -36:43:45
Point = -5:15:00 -36:41:15
Point = -5:17:30 -36:41:15
Point = -5:17:30 -36:45:00
Point = -5:15:00 -36:45:00

```

POT-T-528 29.262

```

Point = -5:17:30 -36:40:00
Point = -5:17:30 -36:40:37.5
Point = -5:17:30 -36:41:15
Point = -5:15:00 -36:41:15
Point = -5:15:00 -36:37:30
Point = -5:15:00 -36:36:15
Point = -5:15:37.5 -36:36:15

```

Point = -5:15:37.5 -36:37:30  
Point = -5:16:52.5 -36:37:30  
Point = -5:16:52.5 -36:40:00  
Point = -5:17:30 -36:40:00

POT-T-531 31.923

Point = -5:15:00 -36:30:00  
Point = -5:15:00 -36:28:45  
Point = -5:15:00 -36:26:15  
Point = -5:17:30 -36:26:15  
Point = -5:17:30 -36:30:00  
Point = -5:15:00 -36:30:00

POT-T-568 31.838

Point = -5:17:30 -36:59:50.625  
Point = -5:17:30 -36:56:15  
Point = -5:20:00 -36:56:15  
Point = -5:20:00 -37:00:00  
Point = -5:17:39.375 -37:00:00  
Point = -5:17:39.375 -36:59:50.625  
Point = -5:17:30 -36:59:50.625

POT-T-569 31.921

Point = -5:17:30 -36:56:15  
Point = -5:17:30 -36:52:30  
Point = -5:20:00 -36:52:30  
Point = -5:20:00 -36:56:15  
Point = -5:17:30 -36:56:15

POT-T-570 42.561

Point = -5:20:00 -36:48:45  
Point = -5:20:00 -36:49:22.5  
Point = -5:20:00 -36:52:30  
Point = -5:17:30 -36:52:30  
Point = -5:17:30 -36:48:45  
Point = -5:17:30 -36:47:30  
Point = -5:20:00 -36:47:30  
Point = -5:20:00 -36:48:45

POT-T-573 39.902

Point = -5:20:00 -36:33:45  
Point = -5:20:00 -36:37:30  
Point = -5:20:00 -36:40:37.5  
Point = -5:19:22.5 -36:40:37.5  
Point = -5:19:22.5 -36:37:30  
Point = -5:18:07.5 -36:37:30  
Point = -5:18:07.5 -36:36:52.5  
Point = -5:17:30 -36:36:52.5  
Point = -5:17:30 -36:35:00  
Point = -5:16:52.5 -36:35:00  
Point = -5:16:52.5 -36:33:45  
Point = -5:17:30 -36:33:45  
Point = -5:20:00 -36:33:45

POT-T-575 51.874

Point = -5:20:00 -36:30:00  
Point = -5:20:00 -36:33:45  
Point = -5:17:30 -36:33:45

Point =	-5:16:52.5	-36:33:45
Point =	-5:16:52.5	-36:33:07.5
Point =	-5:16:15	-36:33:07.5
Point =	-5:16:15	-36:31:52.5
Point =	-5:15:37.5	-36:31:52.5
Point =	-5:15:37.5	-36:30:37.5
Point =	-5:15:00	-36:30:37.5
Point =	-5:15:00	-36:30:00
Point =	-5:17:30	-36:30:00
Point =	-5:20:00	-36:30:00

POT-T-576 31.921

Point =	-5:17:30	-36:30:00
Point =	-5:17:30	-36:26:15
Point =	-5:20:00	-36:26:15
Point =	-5:20:00	-36:30:00
Point =	-5:17:30	-36:30:00

POT-T-613 34.579

Point =	-5:22:30	-37:00:00
Point =	-5:20:00	-37:00:00
Point =	-5:20:00	-36:56:15
Point =	-5:22:30	-36:56:15
Point =	-5:22:30	-36:58:45
Point =	-5:23:07.5	-36:58:45
Point =	-5:23:07.5	-37:00:00
Point =	-5:22:30	-37:00:00

POT-T-614 27.928

Point =	-5:20:00	-36:56:15
Point =	-5:20:00	-36:52:30
Point =	-5:21:15	-36:52:30
Point =	-5:21:52.5	-36:52:30
Point =	-5:21:52.5	-36:54:22.5
Point =	-5:22:30	-36:54:22.5
Point =	-5:22:30	-36:56:15
Point =	-5:20:00	-36:56:15

POT-T-619 31.919

Point =	-5:20:00	-36:37:30
Point =	-5:20:00	-36:33:45
Point =	-5:22:30	-36:33:45
Point =	-5:22:30	-36:37:30
Point =	-5:20:00	-36:37:30

POT-T-620 31.919

Point =	-5:20:00	-36:33:45
Point =	-5:20:00	-36:30:00
Point =	-5:22:30	-36:30:00
Point =	-5:22:30	-36:33:45
Point =	-5:20:00	-36:33:45

POT-T-661 28.842

Point =	-5:25:00	-36:45:00
Point =	-5:25:00	-36:48:45
Point =	-5:23:16.875	-36:48:45
Point =	-5:23:16.875	-36:47:20.625
Point =	-5:22:30	-36:47:20.625

Point = -5:22:30 -36:45:18.75  
Point = -5:21:52.5 -36:45:18.75  
Point = -5:21:52.5 -36:45:00  
Point = -5:22:30 -36:45:00  
Point = -5:25:00 -36:45:00

POT-T-662 51.368

Point = -5:25:00 -36:41:15  
Point = -5:25:00 -36:45:00  
Point = -5:22:30 -36:45:00  
Point = -5:21:52.5 -36:45:00  
Point = -5:21:52.5 -36:44:13.125  
Point = -5:21:33.75 -36:44:13.125  
Point = -5:21:33.75 -36:43:26.25  
Point = -5:20:37.5 -36:43:26.25  
Point = -5:20:37.5 -36:41:52.5  
Point = -5:20:00 -36:41:52.5  
Point = -5:20:00 -36:41:15  
Point = -5:22:30 -36:41:15  
Point = -5:25:00 -36:41:15

POT-T-663 31.917

Point = -5:22:30 -36:41:15  
Point = -5:22:30 -36:37:30  
Point = -5:25:00 -36:37:30  
Point = -5:25:00 -36:41:15  
Point = -5:22:30 -36:41:15

POT-T-664 31.917

Point = -5:22:30 -36:37:30  
Point = -5:22:30 -36:33:45  
Point = -5:25:00 -36:33:45  
Point = -5:25:00 -36:37:30  
Point = -5:22:30 -36:37:30

POT-T-665 31.917

Point = -5:22:30 -36:33:45  
Point = -5:22:30 -36:30:00  
Point = -5:25:00 -36:30:00  
Point = -5:25:00 -36:33:45  
Point = -5:22:30 -36:33:45

POT-T-704 29.256

Point = -5:25:00 -36:56:15  
Point = -5:27:30 -36:56:15  
Point = -5:27:30 -37:00:00  
Point = -5:26:15 -37:00:00  
Point = -5:25:37.5 -37:00:00  
Point = -5:25:37.5 -36:58:45  
Point = -5:25:00 -36:58:45  
Point = -5:25:00 -36:56:15

POT-T-705 33.245

Point = -5:25:00 -36:52:30  
Point = -5:27:30 -36:52:30  
Point = -5:27:30 -36:56:15  
Point = -5:25:00 -36:56:15  
Point = -5:25:00 -36:53:07.5

Point = -5:24:22.5 -36:53:07.5  
 Point = -5:24:22.5 -36:52:30  
 Point = -5:25:00 -36:52:30

POT-T-706 47.291

Point = -5:27:30 -36:48:45  
 Point = -5:27:30 -36:52:30  
 Point = -5:25:00 -36:52:30  
 Point = -5:24:22.5 -36:52:30  
 Point = -5:24:22.5 -36:51:52.5  
 Point = -5:23:45 -36:51:52.5  
 Point = -5:23:45 -36:49:13.125  
 Point = -5:23:16.875 -36:49:13.125  
 Point = -5:23:16.875 -36:48:45  
 Point = -5:25:00 -36:48:45  
 Point = -5:27:30 -36:48:45

POT-T-750 31.913

Point = -5:27:30 -37:00:00  
 Point = -5:27:30 -36:56:15  
 Point = -5:30:00 -36:56:15  
 Point = -5:30:00 -37:00:00  
 Point = -5:27:30 -37:00:00

POT-T-751 31.913

Point = -5:27:30 -36:56:15  
 Point = -5:27:30 -36:52:30  
 Point = -5:30:00 -36:52:30  
 Point = -5:30:00 -36:56:15  
 Point = -5:27:30 -36:56:15

## Barreirinhas basin offered blocks (Sector SBAR-AR2)

Block name Corrected Area(km2)

Point = Latitude Longitude

BAR-M-250 192.281

Point = -1:22:30 -43:22:30  
 Point = -1:22:30 -43:30:00  
 Point = -1:15:00 -43:30:00  
 Point = -1:15:00 -43:22:30  
 Point = -1:22:30 -43:22:30

BAR-M-251 192.281

Point = -1:22:30 -43:15:00  
 Point = -1:22:30 -43:22:30  
 Point = -1:15:00 -43:22:30  
 Point = -1:15:00 -43:15:00  
 Point = -1:22:30 -43:15:00

BAR-M-270 192.272

Point = -1:30:00 -43:22:30  
Point = -1:30:00 -43:30:00  
Point = -1:22:30 -43:30:00  
Point = -1:22:30 -43:22:30  
Point = -1:30:00 -43:22:30

BAR-M-271 192.272

Point = -1:30:00 -43:15:00  
Point = -1:30:00 -43:22:30  
Point = -1:22:30 -43:22:30  
Point = -1:22:30 -43:15:00  
Point = -1:30:00 -43:15:00

BAR-M-290 192.261

Point = -1:37:30 -43:22:30  
Point = -1:37:30 -43:30:00  
Point = -1:30:00 -43:30:00  
Point = -1:30:00 -43:22:30  
Point = -1:37:30 -43:22:30

BAR-M-291 192.261

Point = -1:37:30 -43:15:00  
Point = -1:37:30 -43:22:30  
Point = -1:30:00 -43:22:30  
Point = -1:30:00 -43:15:00  
Point = -1:37:30 -43:15:00

BAR-M-292 192.261

Point = -1:37:30 -43:07:30  
Point = -1:37:30 -43:15:00  
Point = -1:30:00 -43:15:00  
Point = -1:30:00 -43:07:30  
Point = -1:37:30 -43:07:30

BAR-M-293 192.261

Point = -1:37:30 -43:00:00  
Point = -1:37:30 -43:07:30  
Point = -1:30:00 -43:07:30  
Point = -1:30:00 -43:00:00  
Point = -1:37:30 -43:00:00

BAR-M-311 192.249

Point = -1:45:00 -43:22:30  
Point = -1:45:00 -43:30:00  
Point = -1:37:30 -43:30:00  
Point = -1:37:30 -43:22:30  
Point = -1:45:00 -43:22:30

BAR-M-312 192.249

Point = -1:45:00 -43:15:00  
Point = -1:45:00 -43:22:30  
Point = -1:37:30 -43:22:30  
Point = -1:37:30 -43:15:00  
Point = -1:45:00 -43:15:00

BAR-M-313 192.249

Point = -1:45:00 -43:07:30  
Point = -1:45:00 -43:15:00  
Point = -1:37:30 -43:15:00  
Point = -1:37:30 -43:07:30  
Point = -1:45:00 -43:07:30

BAR-M-314 192.249

Point = -1:45:00 -43:00:00  
Point = -1:45:00 -43:07:30  
Point = -1:37:30 -43:07:30  
Point = -1:37:30 -43:00:00  
Point = -1:45:00 -43:00:00

BAR-M-332 192.237

Point = -1:52:30 -43:22:30  
Point = -1:52:30 -43:30:00  
Point = -1:45:00 -43:30:00  
Point = -1:45:00 -43:22:30  
Point = -1:52:30 -43:22:30

BAR-M-333 192.237

Point = -1:52:30 -43:15:00  
Point = -1:52:30 -43:22:30  
Point = -1:45:00 -43:22:30  
Point = -1:45:00 -43:15:00  
Point = -1:52:30 -43:15:00

BAR-M-334 192.237

Point = -1:52:30 -43:07:30  
Point = -1:52:30 -43:15:00  
Point = -1:45:00 -43:15:00  
Point = -1:45:00 -43:07:30  
Point = -1:52:30 -43:07:30

BAR-M-335 192.237

Point = -1:52:30 -43:00:00  
Point = -1:52:30 -43:07:30  
Point = -1:45:00 -43:07:30  
Point = -1:45:00 -43:00:00  
Point = -1:52:30 -43:00:00

BAR-M-336 192.237

Point = -1:52:30 -42:52:30  
Point = -1:52:30 -43:00:00  
Point = -1:45:00 -43:00:00  
Point = -1:45:00 -42:52:30  
Point = -1:52:30 -42:52:30

BAR-M-354 192.223

Point = -2:00:00 -43:22:30  
Point = -2:00:00 -43:30:00  
Point = -1:52:30 -43:30:00  
Point = -1:52:30 -43:22:30  
Point = -2:00:00 -43:22:30

BAR-M-355 192.223

Point = -2:00:00 -43:15:00  
Point = -2:00:00 -43:22:30  
Point = -1:52:30 -43:22:30  
Point = -1:52:30 -43:15:00  
Point = -2:00:00 -43:15:00

BAR-M-356 192.223

Point = -2:00:00 -43:07:30  
Point = -2:00:00 -43:15:00  
Point = -1:52:30 -43:15:00  
Point = -1:52:30 -43:07:30  
Point = -2:00:00 -43:07:30

BAR-M-357 192.223

Point = -2:00:00 -43:00:00  
Point = -2:00:00 -43:07:30  
Point = -1:52:30 -43:07:30  
Point = -1:52:30 -43:00:00  
Point = -2:00:00 -43:00:00

BAR-M-358 192.223

Point = -2:00:00 -42:52:30  
Point = -2:00:00 -43:00:00  
Point = -1:52:30 -43:00:00  
Point = -1:52:30 -42:52:30  
Point = -2:00:00 -42:52:30

BAR-M-376 192.209

Point = -2:07:30 -43:22:30  
Point = -2:07:30 -43:30:00  
Point = -2:00:00 -43:30:00  
Point = -2:00:00 -43:22:30  
Point = -2:07:30 -43:22:30

BAR-M-377 192.209

Point = -2:07:30 -43:15:00  
Point = -2:07:30 -43:22:30  
Point = -2:00:00 -43:22:30  
Point = -2:00:00 -43:15:00  
Point = -2:07:30 -43:15:00

BAR-M-378 192.209

Point = -2:07:30 -43:07:30  
Point = -2:07:30 -43:15:00  
Point = -2:00:00 -43:15:00  
Point = -2:00:00 -43:07:30  
Point = -2:07:30 -43:07:30

BAR-M-379 192.209

Point = -2:07:30 -43:00:00  
Point = -2:07:30 -43:07:30  
Point = -2:00:00 -43:07:30  
Point = -2:00:00 -43:00:00  
Point = -2:07:30 -43:00:00

BAR-M-380 192.209

Point = -2:07:30 -42:52:30  
Point = -2:07:30 -43:00:00  
Point = -2:00:00 -43:00:00  
Point = -2:00:00 -42:52:30  
Point = -2:07:30 -42:52:30

BAR-M-381 192.209

Point = -2:07:30 -42:45:00  
Point = -2:07:30 -42:52:30  
Point = -2:00:00 -42:52:30  
Point = -2:00:00 -42:45:00  
Point = -2:07:30 -42:45:00

BAR-M-384 192.209

Point = -2:07:30 -42:22:30  
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Point = -2:00:00 -42:30:00  
Point = -2:00:00 -42:22:30  
Point = -2:07:30 -42:22:30

BAR-M-385 192.209

Point = -2:07:30 -42:15:00  
Point = -2:07:30 -42:22:30  
Point = -2:00:00 -42:22:30  
Point = -2:00:00 -42:15:00  
Point = -2:07:30 -42:15:00

BAR-M-386 192.209

Point = -2:07:30 -42:07:30  
Point = -2:07:30 -42:15:00  
Point = -2:00:00 -42:15:00  
Point = -2:00:00 -42:07:30  
Point = -2:07:30 -42:07:30

BAR-M-387 192.209

Point = -2:07:30 -42:00:00  
Point = -2:07:30 -42:07:30  
Point = -2:00:00 -42:07:30  
Point = -2:00:00 -42:00:00  
Point = -2:07:30 -42:00:00

BAR-M-388 192.209

Point = -2:07:30 -41:52:30  
Point = -2:07:30 -42:00:00  
Point = -2:00:00 -42:00:00  
Point = -2:00:00 -41:52:30  
Point = -2:07:30 -41:52:30

BAR-M-389 192.209

Point = -2:07:30 -41:45:00  
Point = -2:07:30 -41:52:30  
Point = -2:00:00 -41:52:30  
Point = -2:00:00 -41:45:00  
Point = -2:07:30 -41:45:00

BAR-M-399 192.194

Point = -2:15:00 -43:07:30  
Point = -2:15:00 -43:15:00  
Point = -2:07:30 -43:15:00  
Point = -2:07:30 -43:07:30  
Point = -2:15:00 -43:07:30

BAR-M-400 192.194

Point = -2:15:00 -43:00:00  
Point = -2:15:00 -43:07:30  
Point = -2:07:30 -43:07:30  
Point = -2:07:30 -43:00:00  
Point = -2:15:00 -43:00:00

BAR-M-401 192.194

Point = -2:15:00 -42:52:30  
Point = -2:15:00 -43:00:00  
Point = -2:07:30 -43:00:00  
Point = -2:07:30 -42:52:30  
Point = -2:15:00 -42:52:30

BAR-M-402 192.194

Point = -2:15:00 -42:45:00  
Point = -2:15:00 -42:52:30  
Point = -2:07:30 -42:52:30  
Point = -2:07:30 -42:45:00  
Point = -2:15:00 -42:45:00

BAR-M-403 192.194

Point = -2:15:00 -42:37:30  
Point = -2:15:00 -42:45:00  
Point = -2:07:30 -42:45:00  
Point = -2:07:30 -42:37:30  
Point = -2:15:00 -42:37:30

BAR-M-404 192.194

Point = -2:15:00 -42:30:00  
Point = -2:15:00 -42:37:30  
Point = -2:07:30 -42:37:30  
Point = -2:07:30 -42:30:00  
Point = -2:15:00 -42:30:00

BAR-M-405 192.194

Point = -2:15:00 -42:22:30  
Point = -2:15:00 -42:30:00  
Point = -2:07:30 -42:30:00  
Point = -2:07:30 -42:22:30  
Point = -2:15:00 -42:22:30

BAR-M-406 192.194

Point = -2:15:00 -42:15:00  
Point = -2:15:00 -42:22:30  
Point = -2:07:30 -42:22:30  
Point = -2:07:30 -42:15:00  
Point = -2:15:00 -42:15:00

BAR-M-407 192.194

Point = -2:15:00 -42:07:30  
Point = -2:15:00 -42:15:00  
Point = -2:07:30 -42:15:00  
Point = -2:07:30 -42:07:30  
Point = -2:15:00 -42:07:30

BAR-M-408 192.194

Point = -2:15:00 -42:00:00  
Point = -2:15:00 -42:07:30  
Point = -2:07:30 -42:07:30  
Point = -2:07:30 -42:00:00  
Point = -2:15:00 -42:00:00

BAR-M-409 192.194

Point = -2:15:00 -41:52:30  
Point = -2:15:00 -42:00:00  
Point = -2:07:30 -42:00:00  
Point = -2:07:30 -41:52:30  
Point = -2:15:00 -41:52:30

BAR-M-410 192.194

Point = -2:15:00 -41:45:00  
Point = -2:15:00 -41:52:30  
Point = -2:07:30 -41:52:30  
Point = -2:07:30 -41:45:00  
Point = -2:15:00 -41:45:00

BAR-M-421 192.178

Point = -2:22:30 -42:45:00  
Point = -2:22:30 -42:52:30  
Point = -2:15:00 -42:52:30  
Point = -2:15:00 -42:45:00  
Point = -2:22:30 -42:45:00

BAR-M-422 192.178

Point = -2:22:30 -42:37:30  
Point = -2:22:30 -42:45:00  
Point = -2:15:00 -42:45:00  
Point = -2:15:00 -42:37:30  
Point = -2:22:30 -42:37:30

BAR-M-423 192.178

Point = -2:22:30 -42:30:00  
Point = -2:22:30 -42:37:30  
Point = -2:15:00 -42:37:30  
Point = -2:15:00 -42:30:00  
Point = -2:22:30 -42:30:00

BAR-M-424 192.178

Point = -2:22:30 -42:22:30  
Point = -2:22:30 -42:30:00  
Point = -2:15:00 -42:30:00  
Point = -2:15:00 -42:22:30  
Point = -2:22:30 -42:22:30

BAR-M-425 192.178

Point = -2:22:30 -42:15:00  
Point = -2:22:30 -42:22:30  
Point = -2:15:00 -42:22:30  
Point = -2:15:00 -42:15:00  
Point = -2:22:30 -42:15:00

BAR-M-426 192.178

Point = -2:22:30 -42:07:30  
Point = -2:22:30 -42:15:00  
Point = -2:15:00 -42:15:00  
Point = -2:15:00 -42:07:30  
Point = -2:22:30 -42:07:30

BAR-M-427 192.178

Point = -2:22:30 -42:00:00  
Point = -2:22:30 -42:07:30  
Point = -2:15:00 -42:07:30  
Point = -2:15:00 -42:00:00  
Point = -2:22:30 -42:00:00

BAR-M-428 192.178

Point = -2:22:30 -41:52:30  
Point = -2:22:30 -42:00:00  
Point = -2:15:00 -42:00:00  
Point = -2:15:00 -41:52:30  
Point = -2:22:30 -41:52:30

BAR-M-429 192.178

Point = -2:22:30 -41:45:00  
Point = -2:22:30 -41:52:30  
Point = -2:15:00 -41:52:30  
Point = -2:15:00 -41:45:00  
Point = -2:22:30 -41:45:00

BAR-M-438 192.161

Point = -2:30:00 -42:30:00  
Point = -2:30:00 -42:37:30  
Point = -2:22:30 -42:37:30  
Point = -2:22:30 -42:30:00  
Point = -2:30:00 -42:30:00

BAR-M-439 192.161

Point = -2:30:00 -42:22:30  
Point = -2:30:00 -42:30:00  
Point = -2:22:30 -42:30:00  
Point = -2:22:30 -42:22:30  
Point = -2:30:00 -42:22:30

BAR-M-440 192.161

Point = -2:30:00 -42:15:00  
Point = -2:30:00 -42:22:30  
Point = -2:22:30 -42:22:30  
Point = -2:22:30 -42:15:00  
Point = -2:30:00 -42:15:00

BAR-M-441 192.161

Point = -2:30:00 -42:07:30  
Point = -2:30:00 -42:15:00  
Point = -2:22:30 -42:15:00  
Point = -2:22:30 -42:07:30  
Point = -2:30:00 -42:07:30

BAR-M-442 192.161

Point = -2:30:00 -42:00:00  
Point = -2:30:00 -42:07:30  
Point = -2:22:30 -42:07:30  
Point = -2:22:30 -42:00:00  
Point = -2:30:00 -42:00:00

BAR-M-443 192.161

Point = -2:30:00 -41:52:30  
Point = -2:30:00 -42:00:00  
Point = -2:22:30 -42:00:00  
Point = -2:22:30 -41:52:30  
Point = -2:30:00 -41:52:30

BAR-M-444 192.161

Point = -2:30:00 -41:45:00  
Point = -2:30:00 -41:52:30  
Point = -2:22:30 -41:52:30  
Point = -2:22:30 -41:45:00  
Point = -2:30:00 -41:45:00

## Campos basin offered blocks (Sector SC-AR2)

Block name Corrected Area(km2)

Point = Latitude Longitude

-----  
---

C-M-58 179.495

Point = -21:22:30 -40:22:30  
Point = -21:15:00 -40:22:30  
Point = -21:15:00 -40:15:00  
Point = -21:22:30 -40:15:00  
Point = -21:22:30 -40:22:30

C-M-78 179.345

Point = -21:22:30 -40:22:30  
Point = -21:22:30 -40:15:00  
Point = -21:30:00 -40:15:00  
Point = -21:30:00 -40:22:30

Point =	-21:22:30	-40:22:30
C-M-95	179.195	
Point =	-21:37:30	-40:45:00
Point =	-21:30:00	-40:45:00
Point =	-21:30:00	-40:37:30
Point =	-21:37:30	-40:37:30
Point =	-21:37:30	-40:45:00
C-M-96	179.195	
Point =	-21:30:00	-40:37:30
Point =	-21:30:00	-40:30:00
Point =	-21:37:30	-40:30:00
Point =	-21:37:30	-40:37:30
Point =	-21:30:00	-40:37:30
C-M-97	179.195	
Point =	-21:30:00	-40:30:00
Point =	-21:30:00	-40:22:30
Point =	-21:37:30	-40:22:30
Point =	-21:37:30	-40:30:00
Point =	-21:30:00	-40:30:00
C-M-98	179.195	
Point =	-21:30:00	-40:22:30
Point =	-21:30:00	-40:15:00
Point =	-21:37:30	-40:15:00
Point =	-21:37:30	-40:22:30
Point =	-21:30:00	-40:22:30
C-M-119	179.043	
Point =	-21:37:30	-40:45:00
Point =	-21:37:30	-40:37:30
Point =	-21:45:00	-40:37:30
Point =	-21:45:00	-40:45:00
Point =	-21:37:30	-40:45:00
C-M-120	179.043	
Point =	-21:37:30	-40:37:30
Point =	-21:37:30	-40:30:00
Point =	-21:45:00	-40:30:00
Point =	-21:45:00	-40:37:30
Point =	-21:37:30	-40:37:30
C-M-121	179.043	
Point =	-21:37:30	-40:30:00
Point =	-21:37:30	-40:22:30
Point =	-21:45:00	-40:22:30
Point =	-21:45:00	-40:30:00
Point =	-21:37:30	-40:30:00
C-M-122	179.043	
Point =	-21:37:30	-40:22:30
Point =	-21:37:30	-40:15:00
Point =	-21:45:00	-40:15:00
Point =	-21:45:00	-40:22:30

Point =	-21:37:30	-40:22:30
C-M-143	178.891	
Point =	-21:45:00	-40:45:00
Point =	-21:45:00	-40:37:30
Point =	-21:52:30	-40:37:30
Point =	-21:52:30	-40:45:00
Point =	-21:45:00	-40:45:00
C-M-144	178.891	
Point =	-21:45:00	-40:37:30
Point =	-21:45:00	-40:30:00
Point =	-21:52:30	-40:30:00
Point =	-21:52:30	-40:37:30
Point =	-21:45:00	-40:37:30
C-M-145	178.891	
Point =	-21:45:00	-40:30:00
Point =	-21:45:00	-40:22:30
Point =	-21:52:30	-40:22:30
Point =	-21:52:30	-40:30:00
Point =	-21:45:00	-40:30:00
C-M-146	178.891	
Point =	-21:45:00	-40:22:30
Point =	-21:45:00	-40:15:00
Point =	-21:52:30	-40:15:00
Point =	-21:52:30	-40:22:30
Point =	-21:45:00	-40:22:30
C-M-170	178.738	
Point =	-21:52:30	-40:45:00
Point =	-21:52:30	-40:37:30
Point =	-22:00:00	-40:37:30
Point =	-22:00:00	-40:45:00
Point =	-21:52:30	-40:45:00
C-M-171	178.738	
Point =	-21:52:30	-40:37:30
Point =	-21:52:30	-40:30:00
Point =	-22:00:00	-40:30:00
Point =	-22:00:00	-40:37:30
Point =	-21:52:30	-40:37:30
C-M-172	178.738	
Point =	-21:52:30	-40:30:00
Point =	-21:52:30	-40:22:30
Point =	-22:00:00	-40:22:30
Point =	-22:00:00	-40:30:00
Point =	-21:52:30	-40:30:00
C-M-199	178.584	
Point =	-22:00:00	-40:37:30
Point =	-22:00:00	-40:30:00
Point =	-22:07:30	-40:30:00
Point =	-22:07:30	-40:37:30

```

Point = -22:00:00 -40:37:30
C-M-200 302.425
Point = -22:00:00 -40:30:00
Point = -22:00:00 -40:22:30
Point = -22:07:30 -40:22:30
Point = -22:10:09.375 -40:22:30
Point = -22:10:09.375 -40:22:20.625
Point = -22:12:39.375 -40:22:20.625
Point = -22:12:39.375 -40:22:30
Point = -22:12:39.375 -40:29:50.625
Point = -22:12:39.375 -40:30:00
Point = -22:00:00 -40:30:00

```

### Campos basin offered blocks (Sector SC-AR3)

Block name Corrected Area(km2)

Point = Latitude Longitude

-----

C-M-198 178.584

```

Point = -22:00:00 -40:45:00
Point = -22:00:00 -40:37:30
Point = -22:07:30 -40:37:30
Point = -22:07:30 -40:45:00
Point = -22:00:00 -40:45:00

```

C-M-229 178.43

```

Point = -22:15:00 -40:52:30
Point = -22:07:30 -40:52:30
Point = -22:07:30 -40:45:00
Point = -22:15:00 -40:45:00
Point = -22:15:00 -40:52:30

```

C-M-230 178.43

```

Point = -22:07:30 -40:45:00
Point = -22:07:30 -40:37:30
Point = -22:15:00 -40:37:30
Point = -22:15:00 -40:45:00
Point = -22:07:30 -40:45:00

```

C-M-231 244.016

```

Point = -22:07:30 -40:37:30
Point = -22:07:30 -40:30:00
Point = -22:12:39.375 -40:30:00
Point = -22:12:39.375 -40:29:50.625
Point = -22:15:00 -40:29:50.625
Point = -22:17:39.375 -40:29:50.625
Point = -22:17:39.375 -40:30:00
Point = -22:17:39.375 -40:37:20.625
Point = -22:17:39.375 -40:37:30
Point = -22:07:30 -40:37:30

```

C-M-263	178.274	
Point =	-22:22:30	-41:00:00
Point =	-22:15:00	-41:00:00
Point =	-22:15:00	-40:52:30
Point =	-22:22:30	-40:52:30
Point =	-22:22:30	-41:00:00
C-M-264	178.274	
Point =	-22:15:00	-40:52:30
Point =	-22:15:00	-40:45:00
Point =	-22:22:30	-40:45:00
Point =	-22:22:30	-40:52:30
Point =	-22:15:00	-40:52:30
C-M-265	180.657	
Point =	-22:15:00	-40:45:00
Point =	-22:15:00	-40:37:30
Point =	-22:17:39.375	-40:37:30
Point =	-22:17:39.375	-40:37:20.625
Point =	-22:22:30	-40:37:20.625
Point =	-22:22:30	-40:37:30
Point =	-22:22:30	-40:45:00
Point =	-22:15:00	-40:45:00
C-M-296	178.118	
Point =	-22:30:00	-41:07:30
Point =	-22:22:30	-41:07:30
Point =	-22:22:30	-41:00:00
Point =	-22:30:00	-41:00:00
Point =	-22:30:00	-41:07:30
C-M-297	178.118	
Point =	-22:22:30	-41:00:00
Point =	-22:22:30	-40:52:30
Point =	-22:30:00	-40:52:30
Point =	-22:30:00	-41:00:00
Point =	-22:22:30	-41:00:00
C-M-298	178.118	
Point =	-22:22:30	-40:52:30
Point =	-22:22:30	-40:45:00
Point =	-22:30:00	-40:45:00
Point =	-22:30:00	-40:52:30
Point =	-22:22:30	-40:52:30
C-M-299	270.856	
Point =	-22:22:30	-40:45:00
Point =	-22:22:30	-40:37:30
Point =	-22:22:30	-40:37:20.625
Point =	-22:25:09.375	-40:37:20.625
Point =	-22:25:09.375	-40:34:13.125
Point =	-22:25:09.375	-40:30:00
Point =	-22:25:09.375	-40:29:50.625
Point =	-22:25:56.25	-40:29:50.625
Point =	-22:27:39.375	-40:29:50.625
Point =	-22:27:39.375	-40:30:00

Point = -22:27:39.375 -40:33:35.625  
Point = -22:30:00 -40:33:35.625  
Point = -22:30:09.375 -40:33:35.625  
Point = -22:30:09.375 -40:37:20.625  
Point = -22:30:00 -40:37:20.625  
Point = -22:30:00 -40:45:00  
Point = -22:22:30 -40:45:00

C-M-330 177.96

Point = -22:37:30 -41:15:00  
Point = -22:30:00 -41:15:00  
Point = -22:30:00 -41:07:30  
Point = -22:37:30 -41:07:30  
Point = -22:37:30 -41:15:00

C-M-331 177.96

Point = -22:30:00 -41:07:30  
Point = -22:30:00 -41:00:00  
Point = -22:37:30 -41:00:00  
Point = -22:37:30 -41:07:30  
Point = -22:30:00 -41:07:30

C-M-332 301.906

Point = -22:45:00 -41:00:00  
Point = -22:30:00 -41:00:00  
Point = -22:30:00 -40:52:30  
Point = -22:37:30 -40:52:30  
Point = -22:37:30 -40:52:20.7977  
Point = -22:37:39.375 -40:52:20.625  
Point = -22:40:09.375 -40:52:20.625  
Point = -22:40:09.375 -40:52:30  
Point = -22:40:09.375 -40:56:05.625  
Point = -22:45:00 -40:56:05.625  
Point = -22:45:00 -41:00:00

C-M-333 211.309

Point = -22:30:00 -40:52:30  
Point = -22:37:30 -40:52:30  
Point = -22:37:30 -40:52:25.3988  
Point = -22:37:30 -40:52:20.7977  
Point = -22:37:39.375 -40:52:20.625  
Point = -22:37:39.375 -40:48:35.625  
Point = -22:40:09.375 -40:48:35.625  
Point = -22:40:09.375 -40:45:00  
Point = -22:40:09.375 -40:44:50.625  
Point = -22:37:39.375 -40:44:50.625  
Point = -22:37:30 -40:44:50.625  
Point = -22:37:30 -40:45:00  
Point = -22:30:00 -40:45:00  
Point = -22:30:00 -40:52:30

C-M-334 155.708

Point = -22:30:00 -40:45:00  
Point = -22:37:30 -40:45:00  
Point = -22:37:30 -40:44:50.625  
Point = -22:37:39.375 -40:44:50.625  
Point = -22:37:39.375 -40:42:01.875  
Point = -22:37:39.375 -40:41:05.625  
Point = -22:35:09.375 -40:41:05.625

```

Point = -22:35:09.375 -40:37:20.625
Point = -22:30:09.375 -40:37:20.625
Point = -22:30:00 -40:37:20.625
Point = -22:30:00 -40:45:00

```

C-M-364 177.802

```

Point = -22:37:30 -41:15:00
Point = -22:37:30 -41:07:30
Point = -22:45:00 -41:07:30
Point = -22:45:00 -41:15:00
Point = -22:37:30 -41:15:00

```

C-M-365 177.802

```

Point = -22:37:30 -41:07:30
Point = -22:37:30 -41:00:00
Point = -22:45:00 -41:00:00
Point = -22:45:00 -41:07:30
Point = -22:37:30 -41:07:30

```

C-M-398 177.643

```

Point = -22:45:00 -41:07:30
Point = -22:45:00 -41:00:00
Point = -22:52:30 -41:00:00
Point = -22:52:30 -41:07:30
Point = -22:45:00 -41:07:30

```

### Campos basin offered blocks (Sector SC-AP1)

Block name Corrected Area(km2)

Point = Latitude Longitude

-----

C-M-71 717.679

```

Point = -21:15:00 -38:45:00
Point = -21:15:00 -38:30:00
Point = -21:30:00 -38:30:00
Point = -21:30:00 -38:45:00
Point = -21:15:00 -38:45:00

```

C-M-109 716.475

```

Point = -21:30:00 -39:00:00
Point = -21:30:00 -38:45:00
Point = -21:45:00 -38:45:00
Point = -21:45:00 -39:00:00
Point = -21:30:00 -39:00:00

```

C-M-111 716.475

```

Point = -21:30:00 -38:45:00
Point = -21:30:00 -38:30:00
Point = -21:45:00 -38:30:00

```

Point = -21:45:00 -38:45:00  
Point = -21:30:00 -38:45:00

C-M-155 715.257

Point = -21:45:00 -39:15:00  
Point = -21:45:00 -39:00:00  
Point = -22:00:00 -39:00:00  
Point = -22:00:00 -39:15:00  
Point = -21:45:00 -39:15:00

C-M-157 715.257

Point = -21:45:00 -39:00:00  
Point = -21:45:00 -38:45:00  
Point = -22:00:00 -38:45:00  
Point = -22:00:00 -39:00:00  
Point = -21:45:00 -39:00:00

C-M-159 715.257

Point = -21:45:00 -38:45:00  
Point = -21:45:00 -38:30:00  
Point = -22:00:00 -38:30:00  
Point = -22:00:00 -38:45:00  
Point = -21:45:00 -38:45:00

## Espírito Santo basin offered blocks (Sector SES-AR1)

Block name Corrected Area(km2)

Point = Latitude Longitude

-----

---

ES-M-6 183.465

Point = -17:45:00 -38:22:30  
Point = -17:45:00 -38:30:00  
Point = -17:37:30 -38:30:00  
Point = -17:37:30 -38:22:30  
Point = -17:45:00 -38:22:30

ES-M-7 183.465

Point = -17:45:00 -38:15:00  
Point = -17:45:00 -38:22:30  
Point = -17:37:30 -38:22:30  
Point = -17:37:30 -38:15:00  
Point = -17:45:00 -38:15:00

ES-M-8 183.465

Point = -17:45:00 -38:07:30  
Point = -17:45:00 -38:15:00  
Point = -17:37:30 -38:15:00  
Point = -17:37:30 -38:07:30  
Point = -17:45:00 -38:07:30

ES-M-9            183.465  
Point =    -17:45:00            -38:00:00  
Point =    -17:45:00            -38:07:30  
Point =    -17:37:30            -38:07:30  
Point =    -17:37:30            -38:00:00  
Point =    -17:45:00            -38:00:00

ES-M-10           183.465  
Point =    -17:45:00            -37:52:30  
Point =    -17:45:00            -38:00:00  
Point =    -17:37:30            -38:00:00  
Point =    -17:37:30            -37:52:30  
Point =    -17:45:00            -37:52:30

ES-M-11           183.465  
Point =    -17:45:00            -37:45:00  
Point =    -17:45:00            -37:52:30  
Point =    -17:37:30            -37:52:30  
Point =    -17:37:30            -37:45:00  
Point =    -17:45:00            -37:45:00

ES-M-12           183.465  
Point =    -17:45:00            -37:37:30  
Point =    -17:45:00            -37:45:00  
Point =    -17:37:30            -37:45:00  
Point =    -17:37:30            -37:37:30  
Point =    -17:45:00            -37:37:30

ES-M-13           183.465  
Point =    -17:45:00            -37:30:00  
Point =    -17:45:00            -37:37:30  
Point =    -17:37:30            -37:37:30  
Point =    -17:37:30            -37:30:00  
Point =    -17:45:00            -37:30:00

ES-M-20           183.34  
Point =    -17:52:30            -38:15:00  
Point =    -17:52:30            -38:22:30  
Point =    -17:45:00            -38:22:30  
Point =    -17:45:00            -38:15:00  
Point =    -17:52:30            -38:15:00

ES-M-21           183.34  
Point =    -17:52:30            -38:07:30  
Point =    -17:52:30            -38:15:00  
Point =    -17:45:00            -38:15:00  
Point =    -17:45:00            -38:07:30  
Point =    -17:52:30            -38:07:30

ES-M-22           183.34  
Point =    -17:52:30            -38:00:00  
Point =    -17:52:30            -38:07:30  
Point =    -17:45:00            -38:07:30  
Point =    -17:45:00            -38:00:00  
Point =    -17:52:30            -38:00:00

ES-M-23        183.34  
Point =    -17:52:30        -37:52:30  
Point =    -17:52:30        -38:00:00  
Point =    -17:45:00        -38:00:00  
Point =    -17:45:00        -37:52:30  
Point =    -17:52:30        -37:52:30

ES-M-24        183.34  
Point =    -17:52:30        -37:45:00  
Point =    -17:52:30        -37:52:30  
Point =    -17:45:00        -37:52:30  
Point =    -17:45:00        -37:45:00  
Point =    -17:52:30        -37:45:00

ES-M-25        183.34  
Point =    -17:52:30        -37:37:30  
Point =    -17:52:30        -37:45:00  
Point =    -17:45:00        -37:45:00  
Point =    -17:45:00        -37:37:30  
Point =    -17:52:30        -37:37:30

ES-M-26        183.34  
Point =    -17:52:30        -37:30:00  
Point =    -17:52:30        -37:37:30  
Point =    -17:45:00        -37:37:30  
Point =    -17:45:00        -37:30:00  
Point =    -17:52:30        -37:30:00

ES-M-27        183.34  
Point =    -17:52:30        -37:22:30  
Point =    -17:52:30        -37:30:00  
Point =    -17:45:00        -37:30:00  
Point =    -17:45:00        -37:22:30  
Point =    -17:52:30        -37:22:30

ES-M-28        183.34  
Point =    -17:52:30        -37:15:00  
Point =    -17:52:30        -37:22:30  
Point =    -17:45:00        -37:22:30  
Point =    -17:45:00        -37:15:00  
Point =    -17:52:30        -37:15:00

ES-M-48        183.214  
Point =    -18:00:00        -38:15:00  
Point =    -18:00:00        -38:22:30  
Point =    -17:52:30        -38:22:30  
Point =    -17:52:30        -38:15:00  
Point =    -18:00:00        -38:15:00

ES-M-49        183.214  
Point =    -18:00:00        -38:07:30  
Point =    -18:00:00        -38:15:00  
Point =    -17:52:30        -38:15:00  
Point =    -17:52:30        -38:07:30

Point =	-18:00:00	-38:07:30
ES-M-50	183.214	
Point =	-18:00:00	-38:00:00
Point =	-18:00:00	-38:07:30
Point =	-17:52:30	-38:07:30
Point =	-17:52:30	-38:00:00
Point =	-18:00:00	-38:00:00
ES-M-51	183.214	
Point =	-18:00:00	-37:52:30
Point =	-18:00:00	-38:00:00
Point =	-17:52:30	-38:00:00
Point =	-17:52:30	-37:52:30
Point =	-18:00:00	-37:52:30
ES-M-52	183.214	
Point =	-18:00:00	-37:45:00
Point =	-18:00:00	-37:52:30
Point =	-17:52:30	-37:52:30
Point =	-17:52:30	-37:45:00
Point =	-18:00:00	-37:45:00
ES-M-53	183.214	
Point =	-18:00:00	-37:37:30
Point =	-18:00:00	-37:45:00
Point =	-17:52:30	-37:45:00
Point =	-17:52:30	-37:37:30
Point =	-18:00:00	-37:37:30
ES-M-54	183.214	
Point =	-18:00:00	-37:30:00
Point =	-18:00:00	-37:37:30
Point =	-17:52:30	-37:37:30
Point =	-17:52:30	-37:30:00
Point =	-18:00:00	-37:30:00
ES-M-55	183.214	
Point =	-18:00:00	-37:22:30
Point =	-18:00:00	-37:30:00
Point =	-17:52:30	-37:30:00
Point =	-17:52:30	-37:22:30
Point =	-18:00:00	-37:22:30
ES-M-56	183.214	
Point =	-18:00:00	-37:15:00
Point =	-18:00:00	-37:22:30
Point =	-17:52:30	-37:22:30
Point =	-17:52:30	-37:15:00
Point =	-18:00:00	-37:15:00
ES-M-69	335.724	
Point =	-18:02:30	-39:30:00
Point =	-18:00:00	-39:30:00
Point =	-17:57:30	-39:30:00
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Point = -17:55:00 -39:26:15  
Point = -17:55:00 -39:22:30  
Point = -18:00:00 -39:22:30  
Point = -18:07:30 -39:22:30  
Point = -18:07:30 -39:30:00  
Point = -18:07:30 -39:33:45  
Point = -18:02:30 -39:33:45  
Point = -18:02:30 -39:30:00

ES-M-78 183.088

Point = -18:07:30 -38:15:00  
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Point = -18:00:00 -38:15:00  
Point = -18:07:30 -38:15:00

ES-M-79 183.088

Point = -18:07:30 -38:07:30  
Point = -18:07:30 -38:15:00  
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Point = -18:00:00 -38:07:30  
Point = -18:07:30 -38:07:30

ES-M-80 183.088

Point = -18:07:30 -38:00:00  
Point = -18:07:30 -38:07:30  
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Point = -18:00:00 -38:00:00  
Point = -18:07:30 -38:00:00

ES-M-81 183.088

Point = -18:07:30 -37:52:30  
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Point = -18:00:00 -37:52:30  
Point = -18:07:30 -37:52:30

ES-M-82 183.088

Point = -18:07:30 -37:45:00  
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Point = -18:00:00 -37:45:00  
Point = -18:07:30 -37:45:00

ES-M-83 183.088

Point = -18:07:30 -37:37:30  
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Point = -18:00:00 -37:37:30  
Point = -18:07:30 -37:37:30

ES-M-84 183.088

Point = -18:07:30 -37:30:00  
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Point = -18:00:00 -37:30:00

Point =	-18:07:30	-37:30:00
ES-M-98	182.96	
Point =	-18:15:00	-39:15:00
Point =	-18:15:00	-39:22:30
Point =	-18:07:30	-39:22:30
Point =	-18:07:30	-39:15:00
Point =	-18:15:00	-39:15:00
ES-M-99	182.96	
Point =	-18:15:00	-39:07:30
Point =	-18:15:00	-39:15:00
Point =	-18:07:30	-39:15:00
Point =	-18:07:30	-39:07:30
Point =	-18:15:00	-39:07:30
ES-M-100	182.96	
Point =	-18:15:00	-39:00:00
Point =	-18:15:00	-39:07:30
Point =	-18:07:30	-39:07:30
Point =	-18:07:30	-39:00:00
Point =	-18:15:00	-39:00:00
ES-M-101	182.96	
Point =	-18:15:00	-38:52:30
Point =	-18:15:00	-39:00:00
Point =	-18:07:30	-39:00:00
Point =	-18:07:30	-38:52:30
Point =	-18:15:00	-38:52:30
ES-M-106	182.96	
Point =	-18:15:00	-38:15:00
Point =	-18:15:00	-38:22:30
Point =	-18:07:30	-38:22:30
Point =	-18:07:30	-38:15:00
Point =	-18:15:00	-38:15:00
ES-M-107	182.96	
Point =	-18:15:00	-38:07:30
Point =	-18:15:00	-38:15:00
Point =	-18:07:30	-38:15:00
Point =	-18:07:30	-38:07:30
Point =	-18:15:00	-38:07:30
ES-M-108	182.96	
Point =	-18:15:00	-38:00:00
Point =	-18:15:00	-38:07:30
Point =	-18:07:30	-38:07:30
Point =	-18:07:30	-38:00:00
Point =	-18:15:00	-38:00:00
ES-M-109	182.96	
Point =	-18:15:00	-37:52:30
Point =	-18:15:00	-38:00:00
Point =	-18:07:30	-38:00:00
Point =	-18:07:30	-37:52:30

Point =	-18:15:00	-37:52:30
ES-M-110	182.96	
Point =	-18:15:00	-37:45:00
Point =	-18:15:00	-37:52:30
Point =	-18:07:30	-37:52:30
Point =	-18:07:30	-37:45:00
Point =	-18:15:00	-37:45:00
ES-M-111	182.96	
Point =	-18:15:00	-37:37:30
Point =	-18:15:00	-37:45:00
Point =	-18:07:30	-37:45:00
Point =	-18:07:30	-37:37:30
Point =	-18:15:00	-37:37:30
ES-M-112	182.96	
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Point =	-18:15:00	-37:37:30
Point =	-18:07:30	-37:37:30
Point =	-18:07:30	-37:30:00
Point =	-18:15:00	-37:30:00
ES-M-127	182.832	
Point =	-18:22:30	-39:15:00
Point =	-18:22:30	-39:22:30
Point =	-18:15:00	-39:22:30
Point =	-18:15:00	-39:15:00
Point =	-18:22:30	-39:15:00
ES-M-128	182.832	
Point =	-18:22:30	-39:07:30
Point =	-18:22:30	-39:15:00
Point =	-18:15:00	-39:15:00
Point =	-18:15:00	-39:07:30
Point =	-18:22:30	-39:07:30
ES-M-129	182.832	
Point =	-18:22:30	-39:00:00
Point =	-18:22:30	-39:07:30
Point =	-18:15:00	-39:07:30
Point =	-18:15:00	-39:00:00
Point =	-18:22:30	-39:00:00
ES-M-130	182.832	
Point =	-18:22:30	-38:52:30
Point =	-18:22:30	-39:00:00
Point =	-18:15:00	-39:00:00
Point =	-18:15:00	-38:52:30
Point =	-18:22:30	-38:52:30
ES-M-131	182.832	
Point =	-18:22:30	-38:45:00
Point =	-18:22:30	-38:52:30
Point =	-18:15:00	-38:52:30
Point =	-18:15:00	-38:45:00

Point =	-18:22:30	-38:45:00
ES-M-132	182.832	
Point =	-18:22:30	-38:37:30
Point =	-18:22:30	-38:45:00
Point =	-18:15:00	-38:45:00
Point =	-18:15:00	-38:37:30
Point =	-18:22:30	-38:37:30
ES-M-133	182.832	
Point =	-18:22:30	-38:30:00
Point =	-18:22:30	-38:37:30
Point =	-18:15:00	-38:37:30
Point =	-18:15:00	-38:30:00
Point =	-18:22:30	-38:30:00
ES-M-134	182.832	
Point =	-18:22:30	-38:22:30
Point =	-18:22:30	-38:30:00
Point =	-18:15:00	-38:30:00
Point =	-18:15:00	-38:22:30
Point =	-18:22:30	-38:22:30
ES-M-135	182.832	
Point =	-18:22:30	-38:15:00
Point =	-18:22:30	-38:22:30
Point =	-18:15:00	-38:22:30
Point =	-18:15:00	-38:15:00
Point =	-18:22:30	-38:15:00
ES-M-136	182.832	
Point =	-18:22:30	-38:07:30
Point =	-18:22:30	-38:15:00
Point =	-18:15:00	-38:15:00
Point =	-18:15:00	-38:07:30
Point =	-18:22:30	-38:07:30
ES-M-137	182.832	
Point =	-18:22:30	-38:00:00
Point =	-18:22:30	-38:07:30
Point =	-18:15:00	-38:07:30
Point =	-18:15:00	-38:00:00
Point =	-18:22:30	-38:00:00
ES-M-138	182.832	
Point =	-18:22:30	-37:52:30
Point =	-18:22:30	-38:00:00
Point =	-18:15:00	-38:00:00
Point =	-18:15:00	-37:52:30
Point =	-18:22:30	-37:52:30
ES-M-139	182.832	
Point =	-18:22:30	-37:45:00
Point =	-18:22:30	-37:52:30
Point =	-18:15:00	-37:52:30
Point =	-18:15:00	-37:45:00

Point =	-18:22:30	-37:45:00
ES-M-156	182.703	
Point =	-18:30:00	-39:15:00
Point =	-18:30:00	-39:22:30
Point =	-18:22:30	-39:22:30
Point =	-18:22:30	-39:15:00
Point =	-18:30:00	-39:15:00
ES-M-157	182.703	
Point =	-18:30:00	-39:07:30
Point =	-18:30:00	-39:15:00
Point =	-18:22:30	-39:15:00
Point =	-18:22:30	-39:07:30
Point =	-18:30:00	-39:07:30
ES-M-158	182.703	
Point =	-18:30:00	-39:00:00
Point =	-18:30:00	-39:07:30
Point =	-18:22:30	-39:07:30
Point =	-18:22:30	-39:00:00
Point =	-18:30:00	-39:00:00
ES-M-159	182.703	
Point =	-18:30:00	-38:52:30
Point =	-18:30:00	-39:00:00
Point =	-18:22:30	-39:00:00
Point =	-18:22:30	-38:52:30
Point =	-18:30:00	-38:52:30
ES-M-160	182.703	
Point =	-18:30:00	-38:45:00
Point =	-18:30:00	-38:52:30
Point =	-18:22:30	-38:52:30
Point =	-18:22:30	-38:45:00
Point =	-18:30:00	-38:45:00
ES-M-161	182.703	
Point =	-18:30:00	-38:37:30
Point =	-18:30:00	-38:45:00
Point =	-18:22:30	-38:45:00
Point =	-18:22:30	-38:37:30
Point =	-18:30:00	-38:37:30
ES-M-162	182.703	
Point =	-18:30:00	-38:30:00
Point =	-18:30:00	-38:37:30
Point =	-18:22:30	-38:37:30
Point =	-18:22:30	-38:30:00
Point =	-18:30:00	-38:30:00
ES-M-163	182.703	
Point =	-18:30:00	-38:22:30
Point =	-18:30:00	-38:30:00
Point =	-18:22:30	-38:30:00
Point =	-18:22:30	-38:22:30

Point =	-18:30:00	-38:22:30
ES-M-164	182.703	
Point =	-18:30:00	-38:15:00
Point =	-18:30:00	-38:22:30
Point =	-18:22:30	-38:22:30
Point =	-18:22:30	-38:15:00
Point =	-18:30:00	-38:15:00
ES-M-165	182.703	
Point =	-18:30:00	-38:07:30
Point =	-18:30:00	-38:15:00
Point =	-18:22:30	-38:15:00
Point =	-18:22:30	-38:07:30
Point =	-18:30:00	-38:07:30
ES-M-166	182.703	
Point =	-18:30:00	-38:00:00
Point =	-18:30:00	-38:07:30
Point =	-18:22:30	-38:07:30
Point =	-18:22:30	-38:00:00
Point =	-18:30:00	-38:00:00
ES-M-167	182.703	
Point =	-18:30:00	-37:52:30
Point =	-18:30:00	-38:00:00
Point =	-18:22:30	-38:00:00
Point =	-18:22:30	-37:52:30
Point =	-18:30:00	-37:52:30
ES-M-168	182.703	
Point =	-18:30:00	-37:45:00
Point =	-18:30:00	-37:52:30
Point =	-18:22:30	-37:52:30
Point =	-18:22:30	-37:45:00
Point =	-18:30:00	-37:45:00
ES-M-189	182.573	
Point =	-18:37:30	-38:45:00
Point =	-18:37:30	-38:52:30
Point =	-18:30:00	-38:52:30
Point =	-18:30:00	-38:45:00
Point =	-18:37:30	-38:45:00
ES-M-190	182.573	
Point =	-18:37:30	-38:37:30
Point =	-18:37:30	-38:45:00
Point =	-18:30:00	-38:45:00
Point =	-18:30:00	-38:37:30
Point =	-18:37:30	-38:37:30
ES-M-191	182.573	
Point =	-18:37:30	-38:30:00
Point =	-18:37:30	-38:37:30
Point =	-18:30:00	-38:37:30
Point =	-18:30:00	-38:30:00

Point =	-18:37:30	-38:30:00
ES-M-192	182.573	
Point =	-18:37:30	-38:22:30
Point =	-18:37:30	-38:30:00
Point =	-18:30:00	-38:30:00
Point =	-18:30:00	-38:22:30
Point =	-18:37:30	-38:22:30
ES-M-193	182.573	
Point =	-18:37:30	-38:15:00
Point =	-18:37:30	-38:22:30
Point =	-18:30:00	-38:22:30
Point =	-18:30:00	-38:15:00
Point =	-18:37:30	-38:15:00
ES-M-194	182.573	
Point =	-18:37:30	-38:07:30
Point =	-18:37:30	-38:15:00
Point =	-18:30:00	-38:15:00
Point =	-18:30:00	-38:07:30
Point =	-18:37:30	-38:07:30
ES-M-195	182.573	
Point =	-18:37:30	-38:00:00
Point =	-18:37:30	-38:07:30
Point =	-18:30:00	-38:07:30
Point =	-18:30:00	-38:00:00
Point =	-18:37:30	-38:00:00
ES-M-222	182.442	
Point =	-18:45:00	-38:22:30
Point =	-18:45:00	-38:30:00
Point =	-18:37:30	-38:30:00
Point =	-18:37:30	-38:22:30
Point =	-18:45:00	-38:22:30
ES-M-223	182.442	
Point =	-18:45:00	-38:15:00
Point =	-18:45:00	-38:22:30
Point =	-18:37:30	-38:22:30
Point =	-18:37:30	-38:15:00
Point =	-18:45:00	-38:15:00
ES-M-224	182.442	
Point =	-18:45:00	-38:07:30
Point =	-18:45:00	-38:15:00
Point =	-18:37:30	-38:15:00
Point =	-18:37:30	-38:07:30
Point =	-18:45:00	-38:07:30
ES-M-225	182.442	
Point =	-18:45:00	-38:00:00
Point =	-18:45:00	-38:07:30
Point =	-18:37:30	-38:07:30
Point =	-18:37:30	-38:00:00

Point = -18:45:00 -38:00:00

### Espírito Santo basin offered blocks (Sector SES-AR2)

Block name Corrected Area(km2)

Point = Latitude Longitude

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ES-M-185 182.573

Point = -18:37:30 -39:15:00  
Point = -18:37:30 -39:22:30  
Point = -18:30:00 -39:22:30  
Point = -18:30:00 -39:15:00  
Point = -18:37:30 -39:15:00

ES-M-186 182.573

Point = -18:37:30 -39:07:30  
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Point = -18:30:00 -39:07:30  
Point = -18:37:30 -39:07:30

ES-M-187 182.573

Point = -18:37:30 -39:00:00  
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Point = -18:37:30 -39:00:00

ES-M-188 182.573

Point = -18:37:30 -38:52:30  
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Point = -18:30:00 -38:52:30  
Point = -18:37:30 -38:52:30

ES-M-212 182.442

Point = -18:45:00 -39:37:30  
Point = -18:45:00 -39:45:00  
Point = -18:37:30 -39:45:00  
Point = -18:37:30 -39:37:30  
Point = -18:45:00 -39:37:30

ES-M-213 182.442

Point = -18:45:00 -39:30:00  
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Point = -18:37:30 -39:37:30  
Point = -18:37:30 -39:30:00  
Point = -18:45:00 -39:30:00

ES-M-214 182.442  
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Point = -18:45:00 -39:30:00  
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Point = -18:37:30 -39:22:30  
Point = -18:45:00 -39:22:30

ES-M-215 182.442  
Point = -18:45:00 -39:15:00  
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Point = -18:37:30 -39:15:00  
Point = -18:45:00 -39:15:00

ES-M-216 182.442  
Point = -18:45:00 -39:07:30  
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Point = -18:37:30 -39:07:30  
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ES-M-217 182.442  
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Point = -18:45:00 -39:00:00

ES-M-218 182.442  
Point = -18:45:00 -38:52:30  
Point = -18:45:00 -39:00:00  
Point = -18:37:30 -39:00:00  
Point = -18:37:30 -38:52:30  
Point = -18:45:00 -38:52:30

ES-M-219 182.442  
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Point = -18:45:00 -38:45:00

ES-M-220 182.442  
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ES-M-221 182.442  
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ES-M-242 182.31  
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ES-M-243 182.31  
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ES-M-244 182.31  
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ES-M-245 182.31  
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ES-M-246 182.31  
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ES-M-247 182.31  
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ES-M-248 182.31  
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ES-M-249 182.31  
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ES-M-252 182.31  
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ES-M-253 182.31  
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ES-M-254 182.31  
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ES-M-255 182.31  
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ES-M-272 182.177  
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ES-M-273 182.177  
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ES-M-274 182.177  
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ES-M-275 182.177  
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ES-M-278 182.177  
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ES-M-279 182.177  
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ES-M-280 182.177  
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ES-M-281 182.177  
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ES-M-283 182.177  
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ES-M-285 182.177  
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ES-M-302 327.134  
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Área de exclusão(1)

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ES-M-303 182.044

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ES-M-304 182.044

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ES-M-305 182.044

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ES-M-306 182.044

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ES-M-307 182.044

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ES-M-308 182.044

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ES-M-309 182.044

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ES-M-310 182.044

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ES-M-311 182.044

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ES-M-312 182.044

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ES-M-313 182.044

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ES-M-314 182.044

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ES-M-329 272.864

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ES-M-330 181.909

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ES-M-331 181.909

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ES-M-332 181.909

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ES-M-337 181.909  
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ES-M-338 181.909  
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ES-M-339 181.909  
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ES-M-340 181.909  
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ES-M-341 181.909  
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ES-M-356 272.661  
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ES-M-357 181.774  
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ES-M-358 181.774  
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ES-M-359	181.774	
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ES-M-364	181.774	
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ES-M-365	181.774	
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ES-M-366	181.774	
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ES-M-367	181.774	
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ES-M-368	181.774	
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ES-M-383	181.638	
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ES-M-384	181.638	
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ES-M-385	181.638	
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ES-M-386	181.638	
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ES-M-391	181.638	
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ES-M-392	181.638	
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ES-M-393	181.638	
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ES-M-394	181.638	
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ES-M-395	181.638	
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ES-M-420	181.501	
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ES-M-421	181.501	
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ES-M-422	181.501	
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ES-M-423	181.501	
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ES-M-446	181.363	
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ES-M-447	181.363	
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ES-M-448	181.363	
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ES-M-449	181.363	
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ES-M-474	181.224	
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Point =	-19:52:30	-38:15:00
ES-M-476	181.224	
Point =	-19:52:30	-38:07:30
Point =	-19:52:30	-38:15:00
Point =	-19:45:00	-38:15:00
Point =	-19:45:00	-38:07:30
Point =	-19:52:30	-38:07:30
ES-M-477	181.224	
Point =	-19:52:30	-38:00:00
Point =	-19:52:30	-38:07:30
Point =	-19:45:00	-38:07:30
Point =	-19:45:00	-38:00:00
Point =	-19:52:30	-38:00:00
ES-M-502	181.085	
Point =	-20:00:00	-38:22:30
Point =	-20:00:00	-38:30:00
Point =	-19:52:30	-38:30:00
Point =	-19:52:30	-38:22:30
Point =	-20:00:00	-38:22:30
ES-M-503	181.085	
Point =	-20:00:00	-38:15:00
Point =	-20:00:00	-38:22:30
Point =	-19:52:30	-38:22:30
Point =	-19:52:30	-38:15:00
Point =	-20:00:00	-38:15:00
ES-M-504	181.085	
Point =	-20:00:00	-38:07:30
Point =	-20:00:00	-38:15:00
Point =	-19:52:30	-38:15:00
Point =	-19:52:30	-38:07:30
Point =	-20:00:00	-38:07:30
ES-M-505	181.085	
Point =	-20:00:00	-38:00:00
Point =	-20:00:00	-38:07:30
Point =	-19:52:30	-38:07:30
Point =	-19:52:30	-38:00:00
Point =	-20:00:00	-38:00:00

## Foz do Amazonas basin offered blocks (Sector SFZA-AR1)

Block name    Corrected Area(km2)

Point = Latitude    Longitude

-----

FZA-M-85      191.564

Point =    5:07:30                    -50:30:00  
 Point =    5:07:30                    -50:37:30  
 Point =    5:15:00                    -50:37:30  
 Point =    5:15:00                    -50:30:00  
 Point =    5:07:30                    -50:30:00

FZA-M-102    191.6

Point =    5:00:00                    -50:37:30  
 Point =    5:00:00                    -50:45:00  
 Point =    5:07:30                    -50:45:00  
 Point =    5:07:30                    -50:37:30  
 Point =    5:00:00                    -50:37:30

FZA-M-103    191.6

Point =    5:00:00                    -50:30:00  
 Point =    5:00:00                    -50:37:30  
 Point =    5:07:30                    -50:37:30  
 Point =    5:07:30                    -50:30:00  
 Point =    5:00:00                    -50:30:00

FZA-M-120    191.636

Point =    4:52:30                    -50:45:00  
 Point =    4:52:30                    -50:52:30  
 Point =    5:00:00                    -50:52:30  
 Point =    5:00:00                    -50:45:00  
 Point =    4:52:30                    -50:45:00

FZA-M-121    191.636

Point =    4:52:30                    -50:37:30  
 Point =    4:52:30                    -50:45:00  
 Point =    5:00:00                    -50:45:00  
 Point =    5:00:00                    -50:37:30  
 Point =    4:52:30                    -50:37:30

FZA-M-122    191.636

Point =    4:52:30                    -50:30:00  
 Point =    4:52:30                    -50:37:30  
 Point =    5:00:00                    -50:37:30  
 Point =    5:00:00                    -50:30:00  
 Point =    4:52:30                    -50:30:00

FZA-M-123    191.636

Point =    4:52:30                    -50:22:30  
 Point =    4:52:30                    -50:30:00  
 Point =    5:00:00                    -50:30:00  
 Point =    5:00:00                    -50:22:30  
 Point =    4:52:30                    -50:22:30

FZA-M-124 191.636

Point = 4:52:30 -50:15:00  
Point = 4:52:30 -50:22:30  
Point = 5:00:00 -50:22:30  
Point = 5:00:00 -50:15:00  
Point = 4:52:30 -50:15:00

FZA-M-147 191.671

Point = 4:45:00 -50:52:30  
Point = 4:45:00 -51:00:00  
Point = 4:52:30 -51:00:00  
Point = 4:52:30 -50:52:30  
Point = 4:45:00 -50:52:30

FZA-M-148 191.671

Point = 4:45:00 -50:45:00  
Point = 4:45:00 -50:52:30  
Point = 4:52:30 -50:52:30  
Point = 4:52:30 -50:45:00  
Point = 4:45:00 -50:45:00

FZA-M-149 191.671

Point = 4:45:00 -50:37:30  
Point = 4:45:00 -50:45:00  
Point = 4:52:30 -50:45:00  
Point = 4:52:30 -50:37:30  
Point = 4:45:00 -50:37:30

FZA-M-150 191.671

Point = 4:45:00 -50:30:00  
Point = 4:45:00 -50:37:30  
Point = 4:52:30 -50:37:30  
Point = 4:52:30 -50:30:00  
Point = 4:45:00 -50:30:00

FZA-M-151 191.671

Point = 4:45:00 -50:22:30  
Point = 4:45:00 -50:30:00  
Point = 4:52:30 -50:30:00  
Point = 4:52:30 -50:22:30  
Point = 4:45:00 -50:22:30

FZA-M-152 191.671

Point = 4:45:00 -50:15:00  
Point = 4:45:00 -50:22:30  
Point = 4:52:30 -50:22:30  
Point = 4:52:30 -50:15:00  
Point = 4:45:00 -50:15:00

FZA-M-176 191.704

Point = 4:37:30 -50:52:30  
Point = 4:37:30 -51:00:00  
Point = 4:45:00 -51:00:00  
Point = 4:45:00 -50:52:30  
Point = 4:37:30 -50:52:30

FZA-M-177 191.704

Point = 4:37:30 -50:45:00  
Point = 4:37:30 -50:52:30  
Point = 4:45:00 -50:52:30  
Point = 4:45:00 -50:45:00  
Point = 4:37:30 -50:45:00

FZA-M-178 191.704

Point = 4:37:30 -50:37:30  
Point = 4:37:30 -50:45:00  
Point = 4:45:00 -50:45:00  
Point = 4:45:00 -50:37:30  
Point = 4:37:30 -50:37:30

FZA-M-179 191.704

Point = 4:37:30 -50:30:00  
Point = 4:37:30 -50:37:30  
Point = 4:45:00 -50:37:30  
Point = 4:45:00 -50:30:00  
Point = 4:37:30 -50:30:00

FZA-M-180 191.704

Point = 4:37:30 -50:22:30  
Point = 4:37:30 -50:30:00  
Point = 4:45:00 -50:30:00  
Point = 4:45:00 -50:22:30  
Point = 4:37:30 -50:22:30

FZA-M-181 191.704

Point = 4:37:30 -50:15:00  
Point = 4:37:30 -50:22:30  
Point = 4:45:00 -50:22:30  
Point = 4:45:00 -50:15:00  
Point = 4:37:30 -50:15:00

FZA-M-182 191.704

Point = 4:37:30 -50:07:30  
Point = 4:37:30 -50:15:00  
Point = 4:45:00 -50:15:00  
Point = 4:45:00 -50:07:30  
Point = 4:37:30 -50:07:30

FZA-M-183 191.704

Point = 4:37:30 -50:00:00  
Point = 4:37:30 -50:07:30  
Point = 4:45:00 -50:07:30  
Point = 4:45:00 -50:00:00  
Point = 4:37:30 -50:00:00

FZA-M-210 191.737

Point = 4:30:00 -50:52:30  
Point = 4:30:00 -51:00:00  
Point = 4:37:30 -51:00:00  
Point = 4:37:30 -50:52:30

Point =	4:30:00	-50:52:30
FZA-M-211 191.737		
Point =	4:30:00	-50:45:00
Point =	4:30:00	-50:52:30
Point =	4:37:30	-50:52:30
Point =	4:37:30	-50:45:00
Point =	4:30:00	-50:45:00
FZA-M-212 191.737		
Point =	4:30:00	-50:37:30
Point =	4:30:00	-50:45:00
Point =	4:37:30	-50:45:00
Point =	4:37:30	-50:37:30
Point =	4:30:00	-50:37:30
FZA-M-213 191.737		
Point =	4:30:00	-50:30:00
Point =	4:30:00	-50:37:30
Point =	4:37:30	-50:37:30
Point =	4:37:30	-50:30:00
Point =	4:30:00	-50:30:00
FZA-M-214 191.737		
Point =	4:30:00	-50:22:30
Point =	4:30:00	-50:30:00
Point =	4:37:30	-50:30:00
Point =	4:37:30	-50:22:30
Point =	4:30:00	
FZA-M-215 191.737		
Point =	4:30:00	-50:15:00
Point =	4:30:00	-50:22:30
Point =	4:37:30	-50:22:30
Point =	4:37:30	-50:15:00
Point =	4:30:00	-50:15:00
FZA-M-216 191.737		
Point =	4:30:00	-50:07:30
Point =	4:30:00	-50:15:00
Point =	4:37:30	-50:15:00
Point =	4:37:30	-50:07:30
Point =	4:30:00	-50:07:30
FZA-M-217 191.737		
Point =	4:30:00	-50:00:00
Point =	4:30:00	-50:07:30
Point =	4:37:30	-50:07:30
Point =	4:37:30	-50:00:00
Point =	4:30:00	-50:00:00
FZA-M-245 191.769		
Point =	4:22:30	-50:52:30
Point =	4:22:30	-51:00:00
Point =	4:30:00	-51:00:00

Point = 4:30:00 -50:52:30  
Point = 4:22:30 -50:52:30

FZA-M-246 191.769

Point = 4:22:30 -50:45:00  
Point = 4:22:30 -50:52:30  
Point = 4:30:00 -50:52:30  
Point = 4:30:00 -50:45:00  
Point = 4:22:30 -50:45:00

FZA-M-247 191.769

Point = 4:22:30 -50:37:30  
Point = 4:22:30 -50:45:00  
Point = 4:30:00 -50:45:00  
Point = 4:30:00 -50:37:30  
Point = 4:22:30 -50:37:30

FZA-M-248 191.769

Point = 4:22:30 -50:30:00  
Point = 4:22:30 -50:37:30  
Point = 4:30:00 -50:37:30  
Point = 4:30:00 -50:30:00  
Point = 4:22:30 -50:30:00

FZA-M-249 191.769

Point = 4:22:30 -50:22:30  
Point = 4:22:30 -50:30:00  
Point = 4:30:00 -50:30:00  
Point = 4:30:00 -50:22:30  
Point = 4:22:30 -50:22:30

FZA-M-250 191.769

Point = 4:22:30 -50:15:00  
Point = 4:22:30 -50:22:30  
Point = 4:30:00 -50:22:30  
Point = 4:30:00 -50:15:00  
Point = 4:22:30 -50:15:00

FZA-M-251 191.769

Point = 4:22:30 -50:07:30  
Point = 4:22:30 -50:15:00  
Point = 4:30:00 -50:15:00  
Point = 4:30:00 -50:07:30  
Point = 4:22:30 -50:07:30

FZA-M-252 191.769

Point = 4:22:30 -50:00:00  
Point = 4:22:30 -50:07:30  
Point = 4:30:00 -50:07:30  
Point = 4:30:00 -50:00:00  
Point = 4:22:30 -50:00:00

FZA-M-253 191.769

Point = 4:22:30 -49:52:30  
Point = 4:22:30 -50:00:00

Point = 4:30:00 -50:00:00  
Point = 4:30:00 -49:52:30  
Point = 4:22:30 -49:52:30

FZA-M-254 191.769

Point = 4:22:30 -49:45:00  
Point = 4:22:30 -49:52:30  
Point = 4:30:00 -49:52:30  
Point = 4:30:00 -49:45:00  
Point = 4:22:30 -49:45:00

FZA-M-281 191.8

Point = 4:15:00 -50:37:30  
Point = 4:15:00 -50:45:00  
Point = 4:22:30 -50:45:00  
Point = 4:22:30 -50:37:30  
Point = 4:15:00 -50:37:30

FZA-M-282 191.8

Point = 4:15:00 -50:30:00  
Point = 4:15:00 -50:37:30  
Point = 4:22:30 -50:37:30  
Point = 4:22:30 -50:30:00  
Point = 4:15:00 -50:30:00

FZA-M-283 191.8

Point = 4:15:00 -50:22:30  
Point = 4:15:00 -50:30:00  
Point = 4:22:30 -50:30:00  
Point = 4:22:30 -50:22:30  
Point = 4:15:00 -50:22:30

FZA-M-284 191.8

Point = 4:15:00 -50:15:00  
Point = 4:15:00 -50:22:30  
Point = 4:22:30 -50:22:30  
Point = 4:22:30 -50:15:00  
Point = 4:15:00 -50:15:00

FZA-M-285 191.8

Point = 4:15:00 -50:07:30  
Point = 4:15:00 -50:15:00  
Point = 4:22:30 -50:15:00  
Point = 4:22:30 -50:07:30  
Point = 4:15:00 -50:07:30

FZA-M-286 191.8

Point = 4:15:00 -50:00:00  
Point = 4:15:00 -50:07:30  
Point = 4:22:30 -50:07:30  
Point = 4:22:30 -50:00:00  
Point = 4:15:00 -50:00:00

FZA-M-287 191.8

Point = 4:15:00 -49:52:30

Point = 4:15:00 -50:00:00  
Point = 4:22:30 -50:00:00  
Point = 4:22:30 -49:52:30  
Point = 4:15:00 -49:52:30

FZA-M-288 191.8

Point = 4:15:00 -49:45:00  
Point = 4:15:00 -49:52:30  
Point = 4:22:30 -49:52:30  
Point = 4:22:30 -49:45:00  
Point = 4:15:00 -49:45:00

FZA-M-314 191.831

Point = 4:07:30 -50:37:30  
Point = 4:07:30 -50:45:00  
Point = 4:15:00 -50:45:00  
Point = 4:15:00 -50:37:30  
Point = 4:07:30 -50:37:30

FZA-M-315 191.831

Point = 4:07:30 -50:30:00  
Point = 4:07:30 -50:37:30  
Point = 4:15:00 -50:37:30  
Point = 4:15:00 -50:30:00  
Point = 4:07:30 -50:30:00

FZA-M-316 191.831

Point = 4:07:30 -50:22:30  
Point = 4:07:30 -50:30:00  
Point = 4:15:00 -50:30:00  
Point = 4:15:00 -50:22:30  
Point = 4:07:30 -50:22:30

FZA-M-317 191.831

Point = 4:07:30 -50:15:00  
Point = 4:07:30 -50:22:30  
Point = 4:15:00 -50:22:30  
Point = 4:15:00 -50:15:00  
Point = 4:07:30 -50:15:00

FZA-M-318 191.831

Point = 4:07:30 -50:07:30  
Point = 4:07:30 -50:15:00  
Point = 4:15:00 -50:15:00  
Point = 4:15:00 -50:07:30  
Point = 4:07:30 -50:07:30

FZA-M-319 191.831

Point = 4:07:30 -50:00:00  
Point = 4:07:30 -50:07:30  
Point = 4:15:00 -50:07:30  
Point = 4:15:00 -50:00:00  
Point = 4:07:30 -50:00:00

FZA-M-320 191.831

Point = 4:07:30 -49:52:30  
Point = 4:07:30 -50:00:00  
Point = 4:15:00 -50:00:00  
Point = 4:15:00 -49:52:30  
Point = 4:07:30 -49:52:30

FZA-M-350 191.86

Point = 4:00:00 -50:30:00  
Point = 4:00:00 -50:37:30  
Point = 4:07:30 -50:37:30  
Point = 4:07:30 -50:30:00  
Point = 4:00:00 -50:30:00

FZA-M-351 191.86

Point = 4:00:00 -50:22:30  
Point = 4:00:00 -50:30:00  
Point = 4:07:30 -50:30:00  
Point = 4:07:30 -50:22:30  
Point = 4:00:00 -50:22:30

FZA-M-352 191.86

Point = 4:00:00 -50:15:00  
Point = 4:00:00 -50:22:30  
Point = 4:07:30 -50:22:30  
Point = 4:07:30 -50:15:00  
Point = 4:00:00 -50:15:00

FZA-M-353 191.86

Point = 4:00:00 -50:07:30  
Point = 4:00:00 -50:15:00  
Point = 4:07:30 -50:15:00  
Point = 4:07:30 -50:07:30  
Point = 4:00:00 -50:07:30

FZA-M-354 191.86

Point = 4:00:00 -50:00:00  
Point = 4:00:00 -50:07:30  
Point = 4:07:30 -50:07:30  
Point = 4:07:30 -50:00:00  
Point = 4:00:00 -50:00:00

FZA-M-384 191.889

Point = 3:52:30 -50:30:00  
Point = 3:52:30 -50:37:30  
Point = 4:00:00 -50:37:30  
Point = 4:00:00 -50:30:00  
Point = 3:52:30 -50:30:00

FZA-M-385 191.889

Point = 3:52:30 -50:22:30  
Point = 3:52:30 -50:30:00  
Point = 4:00:00 -50:30:00  
Point = 4:00:00 -50:22:30  
Point = 3:52:30 -50:22:30

FZA-M-386 191.889

Point = 3:52:30 -50:15:00  
Point = 3:52:30 -50:22:30  
Point = 4:00:00 -50:22:30  
Point = 4:00:00 -50:15:00  
Point = 3:52:30 -50:15:00

FZA-M-387 191.889

Point = 3:52:30 -50:07:30  
Point = 3:52:30 -50:15:00  
Point = 4:00:00 -50:15:00  
Point = 4:00:00 -50:07:30  
Point = 3:52:30 -50:07:30

FZA-M-419 191.916

Point = 3:45:00 -50:22:30  
Point = 3:45:00 -50:30:00  
Point = 3:52:30 -50:30:00  
Point = 3:52:30 -50:22:30  
Point = 3:45:00 -50:22:30

FZA-M-420 191.916

Point = 3:45:00 -50:15:00  
Point = 3:45:00 -50:22:30  
Point = 3:52:30 -50:22:30  
Point = 3:52:30 -50:15:00  
Point = 3:45:00 -50:15:00

## Foz do Amazonas basin offered blocks (Sector SFZA-AR2)

Block name Corrected Area(km2)

Point = Latitude Longitude

-----  
FZA-M-321 191.831

Point = 4:07:30 -49:45:00  
Point = 4:07:30 -49:52:30  
Point = 4:15:00 -49:52:30  
Point = 4:15:00 -49:45:00  
Point = 4:07:30 -49:45:00

FZA-M-322 191.831

Point = 4:07:30 -49:37:30  
Point = 4:07:30 -49:45:00  
Point = 4:15:00 -49:45:00  
Point = 4:15:00 -49:37:30  
Point = 4:07:30 -49:37:30

FZA-M-323 191.831

Point = 4:07:30 -49:30:00  
Point = 4:07:30 -49:37:30

Point = 4:15:00 -49:37:30  
Point = 4:15:00 -49:30:00  
Point = 4:07:30 -49:30:00

FZA-M-355 191.86

Point = 4:00:00 -49:52:30  
Point = 4:00:00 -50:00:00  
Point = 4:07:30 -50:00:00  
Point = 4:07:30 -49:52:30  
Point = 4:00:00 -49:52:30

FZA-M-356 191.86

Point = 4:00:00 -49:45:00  
Point = 4:00:00 -49:52:30  
Point = 4:07:30 -49:52:30  
Point = 4:07:30 -49:45:00  
Point = 4:00:00 -49:45:00

FZA-M-357 191.86

Point = 4:00:00 -49:37:30  
Point = 4:00:00 -49:45:00  
Point = 4:07:30 -49:45:00  
Point = 4:07:30 -49:37:30  
Point = 4:00:00 -49:37:30

FZA-M-358 191.86

Point = 4:00:00 -49:30:00  
Point = 4:00:00 -49:37:30  
Point = 4:07:30 -49:37:30  
Point = 4:07:30 -49:30:00  
Point = 4:00:00 -49:30:00

FZA-M-388 191.889

Point = 3:52:30 -50:00:00  
Point = 3:52:30 -50:07:30  
Point = 4:00:00 -50:07:30  
Point = 4:00:00 -50:00:00  
Point = 3:52:30 -50:00:00

FZA-M-389 191.889

Point = 3:52:30 -49:52:30  
Point = 3:52:30 -50:00:00  
Point = 4:00:00 -50:00:00  
Point = 4:00:00 -49:52:30  
Point = 3:52:30 -49:52:30

FZA-M-390 191.889

Point = 3:52:30 -49:45:00  
Point = 3:52:30 -49:52:30  
Point = 4:00:00 -49:52:30  
Point = 4:00:00 -49:45:00  
Point = 3:52:30 -49:45:00

FZA-M-391 191.889

Point = 3:52:30 -49:37:30  
Point = 3:52:30 -49:45:00

Point = 4:00:00 -49:45:00  
Point = 4:00:00 -49:37:30  
Point = 3:52:30 -49:37:30

FZA-M-392 191.889

Point = 3:52:30 -49:30:00  
Point = 3:52:30 -49:37:30  
Point = 4:00:00 -49:37:30  
Point = 4:00:00 -49:30:00  
Point = 3:52:30 -49:30:00

FZA-M-421 191.916

Point = 3:45:00 -50:07:30  
Point = 3:45:00 -50:15:00  
Point = 3:52:30 -50:15:00  
Point = 3:52:30 -50:07:30  
Point = 3:45:00 -50:07:30

FZA-M-422 191.916

Point = 3:45:00 -50:00:00  
Point = 3:45:00 -50:07:30  
Point = 3:52:30 -50:07:30  
Point = 3:52:30 -50:00:00  
Point = 3:45:00 -50:00:00

FZA-M-423 191.916

Point = 3:45:00 -49:52:30  
Point = 3:45:00 -50:00:00  
Point = 3:52:30 -50:00:00  
Point = 3:52:30 -49:52:30  
Point = 3:45:00 -49:52:30

FZA-M-424 191.916

Point = 3:45:00 -49:45:00  
Point = 3:45:00 -49:52:30  
Point = 3:52:30 -49:52:30  
Point = 3:52:30 -49:45:00  
Point = 3:45:00 -49:45:00

FZA-M-425 191.916

Point = 3:45:00 -49:37:30  
Point = 3:45:00 -49:45:00  
Point = 3:52:30 -49:45:00  
Point = 3:52:30 -49:37:30  
Point = 3:45:00 -49:37:30

FZA-M-426 191.916

Point = 3:45:00 -49:30:00  
Point = 3:45:00 -49:37:30  
Point = 3:52:30 -49:37:30  
Point = 3:52:30 -49:30:00  
Point = 3:45:00 -49:30:00

FZA-M-454 191.943

Point = 3:37:30 -50:15:00  
Point = 3:37:30 -50:22:30

Point = 3:45:00 -50:22:30  
Point = 3:45:00 -50:15:00  
Point = 3:37:30 -50:15:00

FZA-M-455 191.943

Point = 3:37:30 -50:07:30  
Point = 3:37:30 -50:15:00  
Point = 3:45:00 -50:15:00  
Point = 3:45:00 -50:07:30  
Point = 3:37:30 -50:07:30

FZA-M-456 191.943

Point = 3:37:30 -50:00:00  
Point = 3:37:30 -50:07:30  
Point = 3:45:00 -50:07:30  
Point = 3:45:00 -50:00:00  
Point = 3:37:30 -50:00:00

FZA-M-457 191.943

Point = 3:37:30 -49:52:30  
Point = 3:37:30 -50:00:00  
Point = 3:45:00 -50:00:00  
Point = 3:45:00 -49:52:30  
Point = 3:37:30 -49:52:30

FZA-M-458 191.943

Point = 3:37:30 -49:45:00  
Point = 3:37:30 -49:52:30  
Point = 3:45:00 -49:52:30  
Point = 3:45:00 -49:45:00  
Point = 3:37:30 -49:45:00

FZA-M-459 191.943

Point = 3:37:30 -49:37:30  
Point = 3:37:30 -49:45:00  
Point = 3:45:00 -49:45:00  
Point = 3:45:00 -49:37:30  
Point = 3:37:30 -49:37:30

FZA-M-460 191.943

Point = 3:37:30 -49:30:00  
Point = 3:37:30 -49:37:30  
Point = 3:45:00 -49:37:30  
Point = 3:45:00 -49:30:00  
Point = 3:37:30 -49:30:00

FZA-M-490 191.969

Point = 3:30:00 -50:15:00  
Point = 3:30:00 -50:22:30  
Point = 3:37:30 -50:22:30  
Point = 3:37:30 -50:15:00  
Point = 3:30:00 -50:15:00

FZA-M-491 191.969

Point = 3:30:00 -50:07:30  
Point = 3:30:00 -50:15:00

Point = 3:37:30 -50:15:00  
Point = 3:37:30 -50:07:30  
Point = 3:30:00 -50:07:30

FZA-M-492 191.969

Point = 3:30:00 -50:00:00  
Point = 3:30:00 -50:07:30  
Point = 3:37:30 -50:07:30  
Point = 3:37:30 -50:00:00  
Point = 3:30:00 -50:00:00

FZA-M-493 191.969

Point = 3:30:00 -49:52:30  
Point = 3:30:00 -50:00:00  
Point = 3:37:30 -50:00:00  
Point = 3:37:30 -49:52:30  
Point = 3:30:00 -49:52:30

FZA-M-494 191.969

Point = 3:30:00 -49:45:00  
Point = 3:30:00 -49:52:30  
Point = 3:37:30 -49:52:30  
Point = 3:37:30 -49:45:00  
Point = 3:30:00 -49:45:00

FZA-M-495 191.969

Point = 3:30:00 -49:37:30  
Point = 3:30:00 -49:45:00  
Point = 3:37:30 -49:45:00  
Point = 3:37:30 -49:37:30  
Point = 3:30:00 -49:37:30

FZA-M-496 191.969

Point = 3:30:00 -49:30:00  
Point = 3:30:00 -49:37:30  
Point = 3:37:30 -49:37:30  
Point = 3:37:30 -49:30:00  
Point = 3:30:00 -49:30:00

FZA-M-527 191.994

Point = 3:22:30 -50:07:30  
Point = 3:22:30 -50:15:00  
Point = 3:30:00 -50:15:00  
Point = 3:30:00 -50:07:30  
Point = 3:22:30 -50:07:30

FZA-M-528 191.994

Point = 3:22:30 -50:00:00  
Point = 3:22:30 -50:07:30  
Point = 3:30:00 -50:07:30  
Point = 3:30:00 -50:00:00  
Point = 3:22:30 -50:00:00

FZA-M-529 191.994

Point = 3:22:30 -49:52:30  
Point = 3:22:30 -50:00:00

Point = 3:30:00 -50:00:00  
Point = 3:30:00 -49:52:30  
Point = 3:22:30 -49:52:30

FZA-M-530 191.994

Point = 3:22:30 -49:45:00  
Point = 3:22:30 -49:52:30  
Point = 3:30:00 -49:52:30  
Point = 3:30:00 -49:45:00  
Point = 3:22:30 -49:45:00

FZA-M-531 191.994

Point = 3:22:30 -49:37:30  
Point = 3:22:30 -49:45:00  
Point = 3:30:00 -49:45:00  
Point = 3:30:00 -49:37:30  
Point = 3:22:30 -49:37:30

FZA-M-532 191.994

Point = 3:22:30 -49:30:00  
Point = 3:22:30 -49:37:30  
Point = 3:30:00 -49:37:30  
Point = 3:30:00 -49:30:00  
Point = 3:22:30 -49:30:00

FZA-M-533 191.994

Point = 3:22:30 -49:22:30  
Point = 3:22:30 -49:30:00  
Point = 3:30:00 -49:30:00  
Point = 3:30:00 -49:22:30  
Point = 3:22:30 -49:22:30

FZA-M-534 191.994

Point = 3:22:30 -49:15:00  
Point = 3:22:30 -49:22:30  
Point = 3:30:00 -49:22:30  
Point = 3:30:00 -49:15:00  
Point = 3:22:30 -49:15:00

FZA-M-563 192.018

Point = 3:15:00 -50:07:30  
Point = 3:15:00 -50:15:00  
Point = 3:22:30 -50:15:00  
Point = 3:22:30 -50:07:30  
Point = 3:15:00 -50:07:30

FZA-M-564 192.018

Point = 3:15:00 -50:00:00  
Point = 3:15:00 -50:07:30  
Point = 3:22:30 -50:07:30  
Point = 3:22:30 -50:00:00  
Point = 3:15:00 -50:00:00

FZA-M-565 192.018

Point = 3:15:00 -49:52:30  
Point = 3:15:00 -50:00:00

Point = 3:22:30 -50:00:00  
Point = 3:22:30 -49:52:30  
Point = 3:15:00 -49:52:30

FZA-M-566 192.018

Point = 3:15:00 -49:45:00  
Point = 3:15:00 -49:52:30  
Point = 3:22:30 -49:52:30  
Point = 3:22:30 -49:45:00  
Point = 3:15:00 -49:45:00

FZA-M-567 192.018

Point = 3:15:00 -49:37:30  
Point = 3:15:00 -49:45:00  
Point = 3:22:30 -49:45:00  
Point = 3:22:30 -49:37:30  
Point = 3:15:00 -49:37:30

FZA-M-568 192.018

Point = 3:15:00 -49:30:00  
Point = 3:15:00 -49:37:30  
Point = 3:22:30 -49:37:30  
Point = 3:22:30 -49:30:00  
Point = 3:15:00 -49:30:00

FZA-M-569 192.018

Point = 3:15:00 -49:22:30  
Point = 3:15:00 -49:30:00  
Point = 3:22:30 -49:30:00  
Point = 3:22:30 -49:22:30  
Point = 3:15:00 -49:22:30

FZA-M-570 192.018

Point = 3:15:00 -49:15:00  
Point = 3:15:00 -49:22:30  
Point = 3:22:30 -49:22:30  
Point = 3:22:30 -49:15:00  
Point = 3:15:00 -49:15:00

FZA-M-571 192.018

Point = 3:15:00 -49:07:30  
Point = 3:15:00 -49:15:00  
Point = 3:22:30 -49:15:00  
Point = 3:22:30 -49:07:30  
Point = 3:15:00 -49:07:30

FZA-M-600 192.041

Point = 3:07:30 -50:00:00  
Point = 3:07:30 -50:07:30  
Point = 3:15:00 -50:07:30  
Point = 3:15:00 -50:00:00  
Point = 3:07:30 -50:00:00

FZA-M-601 192.041

Point = 3:07:30 -49:52:30  
Point = 3:07:30 -50:00:00

Point = 3:15:00 -50:00:00  
Point = 3:15:00 -49:52:30  
Point = 3:07:30 -49:52:30

FZA-M-602 192.041

Point = 3:07:30 -49:45:00  
Point = 3:07:30 -49:52:30  
Point = 3:15:00 -49:52:30  
Point = 3:15:00 -49:45:00  
Point = 3:07:30 -49:45:00

FZA-M-603 192.041

Point = 3:07:30 -49:37:30  
Point = 3:07:30 -49:45:00  
Point = 3:15:00 -49:45:00  
Point = 3:15:00 -49:37:30  
Point = 3:07:30 -49:37:30

FZA-M-604 192.041

Point = 3:07:30 -49:30:00  
Point = 3:07:30 -49:37:30  
Point = 3:15:00 -49:37:30  
Point = 3:15:00 -49:30:00  
Point = 3:07:30 -49:30:00

FZA-M-605 192.041

Point = 3:07:30 -49:22:30  
Point = 3:07:30 -49:30:00  
Point = 3:15:00 -49:30:00  
Point = 3:15:00 -49:22:30  
Point = 3:07:30 -49:22:30

FZA-M-606 192.041

Point = 3:07:30 -49:15:00  
Point = 3:07:30 -49:22:30  
Point = 3:15:00 -49:22:30  
Point = 3:15:00 -49:15:00  
Point = 3:07:30 -49:15:00

FZA-M-607 192.041

Point = 3:07:30 -49:07:30  
Point = 3:07:30 -49:15:00  
Point = 3:15:00 -49:15:00  
Point = 3:15:00 -49:07:30  
Point = 3:07:30 -49:07:30

FZA-M-608 192.041

Point = 3:07:30 -49:00:00  
Point = 3:07:30 -49:07:30  
Point = 3:15:00 -49:07:30  
Point = 3:15:00 -49:00:00  
Point = 3:07:30 -49:00:00

FZA-M-636 192.063

Point = 3:00:00 -50:00:00  
Point = 3:00:00 -50:07:30

Point = 3:07:30 -50:07:30  
Point = 3:07:30 -50:00:00  
Point = 3:00:00 -50:00:00

FZA-M-637 192.063

Point = 3:00:00 -49:52:30  
Point = 3:00:00 -50:00:00  
Point = 3:07:30 -50:00:00  
Point = 3:07:30 -49:52:30  
Point = 3:00:00 -49:52:30

FZA-M-638 192.063

Point = 3:00:00 -49:45:00  
Point = 3:00:00 -49:52:30  
Point = 3:07:30 -49:52:30  
Point = 3:07:30 -49:45:00  
Point = 3:00:00 -49:45:00

FZA-M-639 192.063

Point = 3:00:00 -49:37:30  
Point = 3:00:00 -49:45:00  
Point = 3:07:30 -49:45:00  
Point = 3:07:30 -49:37:30  
Point = 3:00:00 -49:37:30

FZA-M-640 192.063

Point = 3:00:00 -49:30:00  
Point = 3:00:00 -49:37:30  
Point = 3:07:30 -49:37:30  
Point = 3:07:30 -49:30:00  
Point = 3:00:00 -49:30:00

FZA-M-641 192.063

Point = 3:00:00 -49:22:30  
Point = 3:00:00 -49:30:00  
Point = 3:07:30 -49:30:00  
Point = 3:07:30 -49:22:30  
Point = 3:00:00 -49:22:30

FZA-M-642 192.063

Point = 3:00:00 -49:15:00  
Point = 3:00:00 -49:22:30  
Point = 3:07:30 -49:22:30  
Point = 3:07:30 -49:15:00  
Point = 3:00:00 -49:15:00

FZA-M-643 192.063

Point = 3:00:00 -49:07:30  
Point = 3:00:00 -49:15:00  
Point = 3:07:30 -49:15:00  
Point = 3:07:30 -49:07:30  
Point = 3:00:00 -49:07:30

FZA-M-644 192.063

Point = 3:00:00 -49:00:00  
Point = 3:00:00 -49:07:30

Point = 3:07:30 -49:07:30  
Point = 3:07:30 -49:00:00  
Point = 3:00:00 -49:00:00

FZA-M-671 192.085

Point = 2:52:30 -50:00:00  
Point = 2:52:30 -50:07:30  
Point = 3:00:00 -50:07:30  
Point = 3:00:00 -50:00:00  
Point = 2:52:30 -50:00:00

FZA-M-672 192.085

Point = 2:52:30 -49:52:30  
Point = 2:52:30 -50:00:00  
Point = 3:00:00 -50:00:00  
Point = 3:00:00 -49:52:30  
Point = 2:52:30 -49:52:30

FZA-M-673 192.085

Point = 2:52:30 -49:45:00  
Point = 2:52:30 -49:52:30  
Point = 3:00:00 -49:52:30  
Point = 3:00:00 -49:45:00  
Point = 2:52:30 -49:45:00

FZA-M-674 192.085

Point = 2:52:30 -49:37:30  
Point = 2:52:30 -49:45:00  
Point = 3:00:00 -49:45:00  
Point = 3:00:00 -49:37:30  
Point = 2:52:30 -49:37:30

FZA-M-675 192.085

Point = 2:52:30 -49:30:00  
Point = 2:52:30 -49:37:30  
Point = 3:00:00 -49:37:30  
Point = 3:00:00 -49:30:00  
Point = 2:52:30 -49:30:00

FZA-M-676 192.085

Point = 2:52:30 -49:22:30  
Point = 2:52:30 -49:30:00  
Point = 3:00:00 -49:30:00  
Point = 3:00:00 -49:22:30  
Point = 2:52:30 -49:22:30

FZA-M-677 192.085

Point = 2:52:30 -49:15:00  
Point = 2:52:30 -49:22:30  
Point = 3:00:00 -49:22:30  
Point = 3:00:00 -49:15:00  
Point = 2:52:30 -49:15:00

FZA-M-678 192.085

Point = 2:52:30 -49:07:30  
Point = 2:52:30 -49:15:00

Point = 3:00:00 -49:15:00  
Point = 3:00:00 -49:07:30  
Point = 2:52:30 -49:07:30

FZA-M-707 192.105

Point = 2:45:00 -49:52:30  
Point = 2:45:00 -50:00:00  
Point = 2:52:30 -50:00:00  
Point = 2:52:30 -49:52:30  
Point = 2:45:00 -49:52:30

FZA-M-708 192.105

Point = 2:45:00 -49:45:00  
Point = 2:45:00 -49:52:30  
Point = 2:52:30 -49:52:30  
Point = 2:52:30 -49:45:00  
Point = 2:45:00 -49:45:00

FZA-M-709 192.105

Point = 2:45:00 -49:37:30  
Point = 2:45:00 -49:45:00  
Point = 2:52:30 -49:45:00  
Point = 2:52:30 -49:37:30  
Point = 2:45:00 -49:37:30

FZA-M-710 192.105

Point = 2:45:00 -49:30:00  
Point = 2:45:00 -49:37:30  
Point = 2:52:30 -49:37:30  
Point = 2:52:30 -49:30:00  
Point = 2:45:00 -49:30:00

FZA-M-711 192.105

Point = 2:45:00 -49:22:30  
Point = 2:45:00 -49:30:00  
Point = 2:52:30 -49:30:00  
Point = 2:52:30 -49:22:30  
Point = 2:45:00 -49:22:30

FZA-M-712 192.105

Point = 2:45:00 -49:15:00  
Point = 2:45:00 -49:22:30  
Point = 2:52:30 -49:22:30  
Point = 2:52:30 -49:15:00  
Point = 2:45:00 -49:15:00

FZA-M-741 192.125

Point = 2:37:30 -49:52:30  
Point = 2:37:30 -50:00:00  
Point = 2:45:00 -50:00:00  
Point = 2:45:00 -49:52:30  
Point = 2:37:30 -49:52:30

FZA-M-742 192.125

Point = 2:37:30 -49:45:00  
Point = 2:37:30 -49:52:30

Point = 2:45:00 -49:52:30  
Point = 2:45:00 -49:45:00  
Point = 2:37:30 -49:45:00

FZA-M-743 192.125

Point = 2:37:30 -49:37:30  
Point = 2:37:30 -49:45:00  
Point = 2:45:00 -49:45:00  
Point = 2:45:00 -49:37:30  
Point = 2:37:30 -49:37:30

FZA-M-744 192.125

Point = 2:37:30 -49:30:00  
Point = 2:37:30 -49:37:30  
Point = 2:45:00 -49:37:30  
Point = 2:45:00 -49:30:00  
Point = 2:37:30 -49:30:00

FZA-M-745 192.125

Point = 2:37:30 -49:22:30  
Point = 2:37:30 -49:30:00  
Point = 2:45:00 -49:30:00  
Point = 2:45:00 -49:22:30  
Point = 2:37:30 -49:22:30

FZA-M-776 192.143

Point = 2:30:00 -49:45:00  
Point = 2:30:00 -49:52:30  
Point = 2:37:30 -49:52:30  
Point = 2:37:30 -49:45:00  
Point = 2:30:00 -49:45:00

FZA-M-777 192.143

Point = 2:30:00 -49:37:30  
Point = 2:30:00 -49:45:00  
Point = 2:37:30 -49:45:00  
Point = 2:37:30 -49:37:30  
Point = 2:30:00 -49:37:30

FZA-M-778 192.143

Point = 2:30:00 -49:30:00  
Point = 2:30:00 -49:37:30  
Point = 2:37:30 -49:37:30  
Point = 2:37:30 -49:30:00  
Point = 2:30:00 -49:30:00

FZA-M-811 192.161

Point = 2:22:30 -49:37:30  
Point = 2:22:30 -49:45:00  
Point = 2:30:00 -49:45:00  
Point = 2:30:00 -49:37:30  
Point = 2:22:30 -49:37:30

## Jequitinhonha basin offered blocks (Sector SJ-AP)

Block name    Corrected Area(km2)

Point = Latitude    Longitude

-----  
J-M-3    744.196

Point =    -14:45:00                    -38:45:00  
Point =    -14:45:00                    -38:30:00  
Point =    -15:00:00                    -38:30:00  
Point =    -15:00:00                    -38:45:00  
Point =    -14:45:00                    -38:45:00

J-M-5    744.196

Point =    -14:45:00                    -38:30:00  
Point =    -14:45:00                    -38:15:00  
Point =    -15:00:00                    -38:15:00  
Point =    -15:00:00                    -38:30:00  
Point =    -14:45:00                    -38:30:00

J-M-63            743.348

Point =    -15:00:00                    -38:15:00  
Point =    -15:00:00                    -38:00:00  
Point =    -15:15:00                    -38:00:00  
Point =    -15:15:00                    -38:15:00  
Point =    -15:00:00                    -38:15:00

J-M-115           742.486

Point =    -15:15:00                    -38:15:00  
Point =    -15:15:00                    -38:00:00  
Point =    -15:30:00                    -38:00:00  
Point =    -15:30:00                    -38:15:00  
Point =    -15:15:00                    -38:15:00

J-M-165           741.611

Point =    -15:30:00                    -38:15:00  
Point =    -15:30:00                    -38:00:00  
Point =    -15:45:00                    -38:00:00  
Point =    -15:45:00                    -38:15:00  
Point =    -15:30:00                    -38:15:00

J-M-167           741.611

Point =    -15:30:00                    -38:00:00  
Point =    -15:30:00                    -37:45:00  
Point =    -15:45:00                    -37:45:00  
Point =    -15:45:00                    -38:00:00  
Point =    -15:30:00                    -38:00:00

J-M-209           740.721

Point =    -15:45:00                    -38:30:00

Point = -15:45:00 -38:15:00  
Point = -16:00:00 -38:15:00  
Point = -16:00:00 -38:30:00  
Point = -15:45:00 -38:30:00

J-M-211 740.721

Point = -15:45:00 -38:15:00  
Point = -15:45:00 -38:00:00  
Point = -16:00:00 -38:00:00  
Point = -16:00:00 -38:15:00  
Point = -15:45:00 -38:15:00

J-M-213 740.721

Point = -15:45:00 -38:00:00  
Point = -15:45:00 -37:45:00  
Point = -16:00:00 -37:45:00  
Point = -16:00:00 -38:00:00  
Point = -15:45:00 -38:00:00

J-M-215 740.721

Point = -15:45:00 -37:45:00  
Point = -15:45:00 -37:30:00  
Point = -16:00:00 -37:30:00  
Point = -16:00:00 -37:45:00  
Point = -15:45:00 -37:45:00

J-M-259 739.818

Point = -16:00:00 -38:00:00  
Point = -16:00:00 -37:45:00  
Point = -16:15:00 -37:45:00  
Point = -16:15:00 -38:00:00  
Point = -16:00:00 -38:00:00

J-M-261 739.818

Point = -16:00:00 -37:45:00  
Point = -16:00:00 -37:30:00  
Point = -16:15:00 -37:30:00  
Point = -16:15:00 -37:45:00  
Point = -16:00:00 -37:45:00

## Pelotas basin offered blocks (Sector SP-AP3)

Block name Corrected Area(km2)

Point = Latitude Longitude

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P-M-1106 654.004

Point = -32:00:00 -50:15:00  
Point = -32:00:00 -50:00:00  
Point = -32:15:00 -50:00:00

Point =	-32:15:00	-50:15:00
Point =	-32:00:00	-50:15:00
P-M-1108	654.004	
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Point =	-32:00:00	-49:45:00
Point =	-32:15:00	-49:45:00
Point =	-32:15:00	-50:00:00
Point =	-32:00:00	-50:00:00
P-M-1188	652.24	
Point =	-32:15:00	-50:15:00
Point =	-32:15:00	-50:00:00
Point =	-32:30:00	-50:00:00
Point =	-32:30:00	-50:15:00
Point =	-32:15:00	-50:15:00
P-M-1190	652.24	
Point =	-32:15:00	-50:00:00
Point =	-32:15:00	-49:45:00
Point =	-32:30:00	-49:45:00
Point =	-32:30:00	-50:00:00
Point =	-32:15:00	-50:00:00
P-M-1192	652.24	
Point =	-32:15:00	-49:45:00
Point =	-32:15:00	-49:30:00
Point =	-32:30:00	-49:30:00
Point =	-32:30:00	-49:45:00
Point =	-32:15:00	-49:45:00
P-M-1267	650.464	
Point =	-32:30:00	-50:30:00
Point =	-32:30:00	-50:15:00
Point =	-32:45:00	-50:15:00
Point =	-32:45:00	-50:30:00
Point =	-32:30:00	-50:30:00
P-M-1269	650.464	
Point =	-32:30:00	-50:15:00
Point =	-32:30:00	-50:00:00
Point =	-32:45:00	-50:00:00
Point =	-32:45:00	-50:15:00
Point =	-32:30:00	-50:15:00
P-M-1271	650.464	
Point =	-32:30:00	-50:00:00
Point =	-32:30:00	-49:45:00
Point =	-32:45:00	-49:45:00
Point =	-32:45:00	-50:00:00
Point =	-32:30:00	-50:00:00
P-M-1273	650.464	
Point =	-32:30:00	-49:45:00
Point =	-32:30:00	-49:30:00
Point =	-32:45:00	-49:30:00

Point = -32:45:00 -49:45:00  
Point = -32:30:00 -49:45:00

P-M-1275 650.464

Point = -32:30:00 -49:30:00  
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Point = -32:45:00 -49:15:00  
Point = -32:45:00 -49:30:00  
Point = -32:30:00 -49:30:00

P-M-1349 648.676

Point = -32:45:00 -50:30:00  
Point = -32:45:00 -50:15:00  
Point = -33:00:00 -50:15:00  
Point = -33:00:00 -50:30:00  
Point = -32:45:00 -50:30:00

P-M-1351 648.676

Point = -32:45:00 -50:15:00  
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Point = -33:00:00 -50:15:00  
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P-M-1353 648.676

Point = -32:45:00 -50:00:00  
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Point = -33:00:00 -50:00:00  
Point = -32:45:00 -50:00:00

P-M-1355 648.676

Point = -32:45:00 -49:45:00  
Point = -32:45:00 -49:30:00  
Point = -33:00:00 -49:30:00  
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Point = -32:45:00 -49:45:00

P-M-1357 648.676

Point = -32:45:00 -49:30:00  
Point = -32:45:00 -49:15:00  
Point = -33:00:00 -49:15:00  
Point = -33:00:00 -49:30:00  
Point = -32:45:00 -49:30:00

P-M-1429 646.875

Point = -33:00:00 -50:30:00  
Point = -33:00:00 -50:15:00  
Point = -33:15:00 -50:15:00  
Point = -33:15:00 -50:30:00  
Point = -33:00:00 -50:30:00

P-M-1431 646.875

Point = -33:00:00 -50:15:00  
Point = -33:00:00 -50:00:00  
Point = -33:15:00 -50:00:00

Point =	-33:15:00	-50:15:00
Point =	-33:00:00	-50:15:00
P-M-1433	646.875	
Point =	-33:00:00	-50:00:00
Point =	-33:00:00	-49:45:00
Point =	-33:15:00	-49:45:00
Point =	-33:15:00	-50:00:00
Point =	-33:00:00	-50:00:00
P-M-1435	646.875	
Point =	-33:00:00	-49:45:00
Point =	-33:00:00	-49:30:00
Point =	-33:15:00	-49:30:00
Point =	-33:15:00	-49:45:00
Point =	-33:00:00	-49:45:00
P-M-1437	646.875	
Point =	-33:00:00	-49:30:00
Point =	-33:00:00	-49:15:00
Point =	-33:15:00	-49:15:00
Point =	-33:15:00	-49:30:00
Point =	-33:00:00	-49:30:00
P-M-1506	645.061	
Point =	-33:15:00	-50:45:00
Point =	-33:15:00	-50:30:00
Point =	-33:30:00	-50:30:00
Point =	-33:30:00	-50:45:00
Point =	-33:15:00	-50:45:00
P-M-1508	645.061	
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Point =	-33:15:00	-50:15:00
Point =	-33:30:00	-50:15:00
Point =	-33:30:00	-50:30:00
Point =	-33:15:00	-50:30:00
P-M-1510	645.061	
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Point =	-33:15:00	-50:00:00
Point =	-33:30:00	-50:00:00
Point =	-33:30:00	-50:15:00
Point =	-33:15:00	-50:15:00
P-M-1512	645.061	
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Point =	-33:30:00	-49:45:00
Point =	-33:30:00	-50:00:00
Point =	-33:15:00	-50:00:00
P-M-1514	645.061	
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Point =	-33:15:00	-49:30:00
Point =	-33:30:00	-49:30:00

Point = -33:30:00 -49:45:00  
Point = -33:15:00 -49:45:00

P-M-1583 643.236

Point = -33:30:00 -51:00:00  
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Point = -33:45:00 -50:45:00  
Point = -33:45:00 -51:00:00  
Point = -33:30:00 -51:00:00

P-M-1585 643.236

Point = -33:30:00 -50:45:00  
Point = -33:30:00 -50:30:00  
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Point = -33:45:00 -50:45:00  
Point = -33:30:00 -50:45:00

P-M-1587 643.236

Point = -33:30:00 -50:30:00  
Point = -33:30:00 -50:15:00  
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Point = -33:45:00 -50:30:00  
Point = -33:30:00 -50:30:00

P-M-1589 643.236

Point = -33:30:00 -50:15:00  
Point = -33:30:00 -50:00:00  
Point = -33:45:00 -50:00:00  
Point = -33:45:00 -50:15:00  
Point = -33:30:00 -50:15:00

P-M-1591 643.236

Point = -33:30:00 -50:00:00  
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Point = -33:45:00 -49:45:00  
Point = -33:45:00 -50:00:00  
Point = -33:30:00 -50:00:00

P-M-1664 641.398

Point = -33:45:00 -50:45:00  
Point = -33:45:00 -50:30:00  
Point = -34:00:00 -50:30:00  
Point = -34:00:00 -50:45:00  
Point = -33:45:00 -50:45:00

P-M-1666 641.398

Point = -33:45:00 -50:30:00  
Point = -33:45:00 -50:15:00  
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Point = -34:00:00 -50:30:00  
Point = -33:45:00 -50:30:00

P-M-1668 641.398

Point = -33:45:00 -50:15:00  
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Point = -34:00:00 -50:00:00

Point = -34:00:00 -50:15:00  
Point = -33:45:00 -50:15:00

### Santos basin offered blocks (Sector SS-AR3)

Block name Corrected Area(km2)

Point = Latitude Longitude

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S-M-303 175.672

Point = -24:22:30 -45:37:30  
Point = -24:15:00 -45:37:30  
Point = -24:15:00 -45:30:00  
Point = -24:22:30 -45:30:00  
Point = -24:22:30 -45:37:30

S-M-346 175.502

Point = -24:30:00 -46:00:00  
Point = -24:22:30 -46:00:00  
Point = -24:22:30 -45:52:30  
Point = -24:30:00 -45:52:30  
Point = -24:30:00 -46:00:00

S-M-347 175.502

Point = -24:22:30 -45:52:30  
Point = -24:22:30 -45:45:00  
Point = -24:30:00 -45:45:00  
Point = -24:30:00 -45:52:30  
Point = -24:22:30 -45:52:30

S-M-348 175.502

Point = -24:22:30 -45:45:00  
Point = -24:22:30 -45:37:30  
Point = -24:30:00 -45:37:30  
Point = -24:30:00 -45:45:00  
Point = -24:22:30 -45:45:00

S-M-349 175.502

Point = -24:22:30 -45:37:30  
Point = -24:22:30 -45:30:00  
Point = -24:30:00 -45:30:00  
Point = -24:30:00 -45:37:30  
Point = -24:22:30 -45:37:30

S-M-390 175.332

Point = -24:37:30 -46:22:30  
Point = -24:30:00 -46:22:30  
Point = -24:30:00 -46:15:00  
Point = -24:37:30 -46:15:00  
Point = -24:37:30 -46:22:30

S-M-391 175.332  
Point = -24:30:00 -46:15:00  
Point = -24:30:00 -46:07:30  
Point = -24:37:30 -46:07:30  
Point = -24:37:30 -46:15:00  
Point = -24:30:00 -46:15:00

S-M-392 175.332  
Point = -24:30:00 -46:07:30  
Point = -24:30:00 -46:00:00  
Point = -24:37:30 -46:00:00  
Point = -24:37:30 -46:07:30  
Point = -24:30:00 -46:07:30

S-M-393 175.332  
Point = -24:30:00 -46:00:00  
Point = -24:30:00 -45:52:30  
Point = -24:37:30 -45:52:30  
Point = -24:37:30 -46:00:00  
Point = -24:30:00 -46:00:00

S-M-394 175.332  
Point = -24:30:00 -45:52:30  
Point = -24:30:00 -45:45:00  
Point = -24:37:30 -45:45:00  
Point = -24:37:30 -45:52:30  
Point = -24:30:00 -45:52:30

S-M-395 175.332  
Point = -24:30:00 -45:45:00  
Point = -24:30:00 -45:37:30  
Point = -24:37:30 -45:37:30  
Point = -24:37:30 -45:45:00  
Point = -24:30:00 -45:45:00

S-M-396 175.332  
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Point = -24:30:00 -45:30:00  
Point = -24:37:30 -45:30:00  
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Point = -24:30:00 -45:37:30

S-M-397 175.332  
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Point = -24:30:00 -45:30:00

S-M-440 175.16  
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S-M-441 175.16  
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Point = -24:37:30 -46:22:30

S-M-442 175.16  
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Point = -24:37:30 -46:07:30  
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Point = -24:45:00 -46:15:00  
Point = -24:37:30 -46:15:00

S-M-443 175.16  
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Point = -24:45:00 -46:07:30  
Point = -24:37:30 -46:07:30

S-M-444 175.16  
Point = -24:37:30 -46:00:00  
Point = -24:37:30 -45:52:30  
Point = -24:45:00 -45:52:30  
Point = -24:45:00 -46:00:00  
Point = -24:37:30 -46:00:00

S-M-445 175.16  
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Point = -24:45:00 -45:52:30  
Point = -24:37:30 -45:52:30

S-M-446 175.16  
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Point = -24:37:30 -45:37:30  
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Point = -24:45:00 -45:45:00  
Point = -24:37:30 -45:45:00

S-M-447 175.16  
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Point = -24:45:00 -45:30:00  
Point = -24:45:00 -45:37:30  
Point = -24:37:30 -45:37:30

S-M-448 175.16  
Point = -24:37:30 -45:30:00  
Point = -24:37:30 -45:22:30  
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Point = -24:45:00 -45:30:00  
Point = -24:37:30 -45:30:00

S-M-449	175.16	
Point =	-24:37:30	-45:22:30
Point =	-24:37:30	-45:15:00
Point =	-24:45:00	-45:15:00
Point =	-24:45:00	-45:22:30
Point =	-24:37:30	-45:22:30
S-M-492	174.988	
Point =	-24:45:00	-46:30:00
Point =	-24:45:00	-46:22:30
Point =	-24:52:30	-46:22:30
Point =	-24:52:30	-46:30:00
Point =	-24:45:00	-46:30:00
S-M-493	174.988	
Point =	-24:45:00	-46:22:30
Point =	-24:45:00	-46:15:00
Point =	-24:52:30	-46:15:00
Point =	-24:52:30	-46:22:30
Point =	-24:45:00	-46:22:30
S-M-494	174.988	
Point =	-24:45:00	-46:15:00
Point =	-24:45:00	-46:07:30
Point =	-24:52:30	-46:07:30
Point =	-24:52:30	-46:15:00
Point =	-24:45:00	-46:15:00
S-M-495	174.988	
Point =	-24:45:00	-46:07:30
Point =	-24:45:00	-46:00:00
Point =	-24:52:30	-46:00:00
Point =	-24:52:30	-46:07:30
Point =	-24:45:00	-46:07:30
S-M-496	174.988	
Point =	-24:45:00	-46:00:00
Point =	-24:45:00	-45:52:30
Point =	-24:52:30	-45:52:30
Point =	-24:52:30	-46:00:00
Point =	-24:45:00	-46:00:00
S-M-497	174.988	
Point =	-24:45:00	-45:52:30
Point =	-24:45:00	-45:45:00
Point =	-24:52:30	-45:45:00
Point =	-24:52:30	-45:52:30
Point =	-24:45:00	-45:52:30
S-M-498	174.988	
Point =	-24:45:00	-45:45:00
Point =	-24:45:00	-45:37:30
Point =	-24:52:30	-45:37:30
Point =	-24:52:30	-45:45:00
Point =	-24:45:00	-45:45:00

S-M-499 174.988  
Point = -24:45:00 -45:37:30  
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Point = -24:52:30 -45:37:30  
Point = -24:45:00 -45:37:30

S-M-500 174.988  
Point = -24:45:00 -45:30:00  
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Point = -24:52:30 -45:30:00  
Point = -24:45:00 -45:30:00

S-M-501 174.988  
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S-M-502 174.988  
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Point = -24:52:30 -45:07:30  
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Point = -24:45:00 -45:15:00

S-M-547 174.815  
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Point = -24:52:30 -46:37:30  
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S-M-548 174.815  
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Point = -24:52:30 -46:22:30  
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Point = -24:52:30 -46:30:00

S-M-549 174.815  
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S-M-550 174.815  
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Point = -25:00:00 -46:07:30  
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S-M-551 174.815  
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Point = -25:00:00 -46:00:00  
Point = -25:00:00 -46:07:30  
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S-M-552 174.815  
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Point = -24:52:30 -45:52:30  
Point = -25:00:00 -45:52:30  
Point = -25:00:00 -46:00:00  
Point = -24:52:30 -46:00:00

S-M-553 174.815  
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S-M-554 174.815  
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Point = -25:00:00 -45:37:30  
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S-M-555 174.815  
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Point = -24:52:30 -45:37:30

S-M-556 174.815  
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Point = -24:52:30 -45:30:00

S-M-557 174.815  
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Point = -25:00:00 -45:15:00  
Point = -25:00:00 -45:22:30  
Point = -24:52:30 -45:22:30

S-M-558 174.815  
Point = -24:52:30 -45:15:00  
Point = -24:52:30 -45:07:30  
Point = -25:00:00 -45:07:30  
Point = -25:00:00 -45:15:00  
Point = -24:52:30 -45:15:00

S-M-602	174.641	
Point =	-25:07:30	-46:52:30
Point =	-25:00:00	-46:52:30
Point =	-25:00:00	-46:45:00
Point =	-25:07:30	-46:45:00
Point =	-25:07:30	-46:52:30
S-M-603	174.641	
Point =	-25:00:00	-46:45:00
Point =	-25:00:00	-46:37:30
Point =	-25:07:30	-46:37:30
Point =	-25:07:30	-46:45:00
Point =	-25:00:00	-46:45:00
S-M-604	174.641	
Point =	-25:00:00	-46:37:30
Point =	-25:00:00	-46:30:00
Point =	-25:07:30	-46:30:00
Point =	-25:07:30	-46:37:30
Point =	-25:00:00	-46:37:30
S-M-605	174.641	
Point =	-25:00:00	-46:30:00
Point =	-25:00:00	-46:22:30
Point =	-25:07:30	-46:22:30
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Point =	-25:00:00	-46:30:00
S-M-606	174.641	
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Point =	-25:00:00	-46:15:00
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Point =	-25:00:00	-46:22:30
S-M-607	174.641	
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Point =	-25:00:00	-46:07:30
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Point =	-25:07:30	-46:15:00
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S-M-608	174.641	
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Point =	-25:00:00	-46:00:00
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Point =	-25:07:30	-46:07:30
Point =	-25:00:00	-46:07:30
S-M-609	174.641	
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Point =	-25:00:00	-46:00:00

S-M-610 174.641  
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S-M-611 174.641  
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S-M-612 174.641  
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S-M-658 174.467  
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S-M-659 174.467  
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S-M-660 174.467  
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S-M-661 174.467  
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S-M-662 174.467  
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S-M-663 174.467  
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S-M-664 174.467  
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S-M-665 174.467  
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S-M-717 174.291  
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S-M-718 174.291  
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S-M-719 174.291  
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S-M-720 174.291  
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S-M-721 174.291  
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S-M-722 174.291  
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S-M-723 174.291  
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S-M-779 174.115  
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S-M-780 174.115  
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S-M-781 174.115  
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S-M-782 174.115  
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S-M-783 174.115  
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S-M-784 174.115  
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S-M-842 173.938  
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S-M-843 173.938  
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S-M-844 173.938  
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S-M-845 173.938  
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S-M-906 173.76  
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S-M-907 173.76  
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S-M-908 173.76  
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S-M-971 173.581  
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S-M-972	173.581		
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Point =	-25:45:00		-46:07:30
Point =	-25:52:30		-46:07:30
Point =	-25:52:30		-46:15:00
Point =	-25:45:00		-46:15:00

### Santos basin offered blocks (Sector SS-AR4)

Block name    Corrected Area(km2)

Point = Latitude    Longitude

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S-M-656	174.467		
Point =	-25:15:00		-47:15:00
Point =	-25:07:30		-47:15:00
Point =	-25:07:30		-47:07:30
Point =	-25:15:00		-47:07:30
Point =	-25:15:00		-47:15:00

S-M-657	174.467		
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Point =	-25:07:30		-47:00:00
Point =	-25:15:00		-47:00:00
Point =	-25:15:00		-47:07:30
Point =	-25:07:30		-47:07:30

S-M-712	174.291		
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Point =	-25:15:00		-47:30:00
Point =	-25:15:00		-47:22:30
Point =	-25:22:30		-47:22:30
Point =	-25:22:30		-47:30:00

S-M-713	174.291		
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Point =	-25:15:00		-47:15:00
Point =	-25:22:30		-47:15:00
Point =	-25:22:30		-47:22:30
Point =	-25:15:00		-47:22:30

S-M-714	174.291		
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Point =	-25:22:30		-47:07:30
Point =	-25:22:30		-47:15:00
Point =	-25:15:00		-47:15:00

S-M-715	174.291		
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Point = -25:15:00 -47:07:30  
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S-M-716 174.291

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S-M-773 174.115

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S-M-774 174.115

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S-M-775 174.115

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S-M-776 174.115

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S-M-777 174.115

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S-M-778 174.115

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S-M-833 173.938

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S-M-834 173.938

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S-M-835 173.938

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S-M-836 173.938

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S-M-837 173.938

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S-M-838 173.938

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S-M-839 173.938

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S-M-840 173.938

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S-M-841 173.938

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S-M-895 173.76

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S-M-896 173.76

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S-M-897 173.76

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S-M-898 173.76

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S-M-899 173.76

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S-M-900 173.76

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S-M-901 173.76

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S-M-902 173.76

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S-M-903 173.76

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S-M-904 173.76

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S-M-905 173.76

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S-M-958 173.581

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S-M-959 173.581

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S-M-960 173.581

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S-M-961 173.581

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S-M-962 173.581

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S-M-963 173.581

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S-M-964 173.581

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S-M-965 173.581

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S-M-966 173.581

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S-M-967 173.581

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S-M-968 173.581

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S-M-969 173.581

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S-M-970 173.581

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S-M-1022 173.401

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S-M-1023 173.401

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S-M-1024 173.401

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S-M-1025 173.401

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S-M-1026 173.401

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S-M-1027 173.401

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S-M-1028 173.401

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S-M-1029 173.401

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S-M-1030 173.401

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S-M-1031 173.401

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S-M-1032 173.401

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S-M-1033 173.401

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S-M-1034 173.401

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S-M-1035 173.401

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S-M-1087 173.221

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S-M-1088 173.221

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S-M-1089 173.221

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S-M-1090 173.221

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S-M-1091 173.221

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S-M-1092 173.221

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S-M-1093 173.221

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S-M-1094 173.221

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S-M-1095 173.221

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S-M-1096 173.221

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S-M-1097 173.221

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S-M-1098 173.221

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S-M-1151 173.04

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S-M-1152 173.04

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S-M-1153 173.04

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S-M-1154 173.04

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S-M-1155 173.04

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S-M-1156 173.04

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S-M-1157 173.04

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S-M-1158 173.04

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S-M-1159 173.04

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S-M-1160 173.04

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S-M-1161 173.04

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S-M-1162 173.04

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S-M-1215 172.858

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S-M-1216 172.858

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S-M-1217 172.858

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S-M-1218 172.858

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S-M-1219 172.858

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S-M-1220 172.858

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S-M-1221 172.858

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S-M-1222 172.858

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S-M-1223 172.858

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S-M-1224 172.858

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S-M-1225 172.858

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S-M-1226 172.858

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S-M-1276 172.675

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S-M-1277 172.675

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S-M-1278 172.675

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S-M-1279 172.675

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S-M-1280 172.675

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S-M-1281 172.675

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S-M-1282 172.675

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S-M-1283 172.675

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S-M-1284 172.675

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S-M-1285 172.675

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S-M-1286 139.769

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Área de exclusão(1)

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S-M-1287 172.675

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S-M-1288 172.675

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S-M-1289 172.675

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S-M-1290 172.675

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S-M-1339 172.491

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S-M-1340 172.491

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S-M-1341 172.491

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S-M-1342 172.491

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Point =	-26:30:00	-47:45:00
S-M-1343	172.491	
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S-M-1344	172.491	
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S-M-1345	172.491	
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S-M-1346	172.491	
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S-M-1347	172.491	
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S-M-1348	164.683	
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S-M-1349	139.342	
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S-M-1350 172.491

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S-M-1351 172.491

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S-M-1401 172.306

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S-M-1402 172.306

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S-M-1403 172.306

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S-M-1404 172.306

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S-M-1405 172.306

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Point = -26:37:30 -47:45:00

S-M-1406	172.306	
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Point =	-26:45:00	-47:30:00
Point =	-26:45:00	-47:37:30
Point =	-26:37:30	-47:37:30
S-M-1407	172.306	
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Point =	-26:37:30	-47:22:30
Point =	-26:45:00	-47:22:30
Point =	-26:45:00	-47:30:00
Point =	-26:37:30	-47:30:00
S-M-1408	172.306	
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Point =	-26:37:30	-47:15:00
Point =	-26:45:00	-47:15:00
Point =	-26:45:00	-47:22:30
Point =	-26:37:30	-47:22:30
S-M-1409	172.306	
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Point =	-26:37:30	-47:07:30
Point =	-26:45:00	-47:07:30
Point =	-26:45:00	-47:15:00
Point =	-26:37:30	-47:15:00
S-M-1410	172.306	
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Point =	-26:37:30	-47:00:00
Point =	-26:45:00	-47:00:00
Point =	-26:45:00	-47:07:30
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S-M-1411	218.728	
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Point =	-26:45:00	-46:52:30
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Point =	-26:37:30	-47:00:00
Point =	-26:37:30	-46:53:45
Point =	-26:38:54.375	-46:53:45
Point =	-26:38:54.375	-46:54:22.5
Point =	-26:40:46.875	-46:54:22.5
Point =	-26:40:46.875	-46:52:30
Point =	-26:40:46.875	-46:51:43.125
Point =	-26:40:00	-46:51:43.125
Point =	-26:40:00	-46:51:05.625
Point =	-26:39:31.875	-46:51:05.625
Point =	-26:39:31.875	-46:50:00
Point =	-26:37:30	-46:50:00
Point =	-26:37:30	-46:45:00
Point =	-26:39:22.5	-46:45:00
Point =	-26:39:22.5	-46:45:28.125
Point =	-26:38:54.375	-46:45:28.125
Point =	-26:38:54.375	-46:47:20.625
Point =	-26:39:31.875	-46:47:20.625
Point =	-26:39:31.875	-46:47:58.125

Point = -26:40:00 -46:47:58.125  
Point = -26:40:00 -46:48:35.625  
Point = -26:40:37.5 -46:48:35.625  
Point = -26:40:37.5 -46:49:13.125  
Point = -26:41:24.375 -46:49:13.125  
Point = -26:41:24.375 -46:50:37.5  
Point = -26:43:16.875 -46:50:37.5  
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S-M-1413 160.061

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S-M-1414 172.306

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S-M-1463 172.121

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S-M-1464 172.121

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S-M-1465 172.121

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S-M-1466 172.121

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Point = -26:45:00 -48:00:00

S-M-1467 172.121

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S-M-1468 172.121

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S-M-1469 172.121

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S-M-1470 172.121

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S-M-1471 172.121

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S-M-1472 172.121

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S-M-1473 172.121

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S-M-1477 172.121

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S-M-1525 171.935

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S-M-1526 171.935

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S-M-1527 171.935

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S-M-1528 171.935

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S-M-1529 171.935

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S-M-1530 171.935

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S-M-1531 171.935

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S-M-1532 171.935

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S-M-1533 171.935

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S-M-1534 171.935

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S-M-1538 171.935

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S-M-1586 171.748

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S-M-1587 171.748

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S-M-1588 171.748

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S-M-1589 171.748

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S-M-1590 171.748

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S-M-1591 171.748

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S-M-1592 171.748

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S-M-1593 171.748

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S-M-1594 171.748

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S-M-1642 171.56

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S-M-1643 171.56

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S-M-1644 171.56

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S-M-1645 171.56

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S-M-1646 171.56

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S-M-1647 171.56

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S-M-1648 171.56

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S-M-1649 171.56

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S-M-1650 171.56

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S-M-1698 171.372

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S-M-1699 171.372

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S-M-1700 171.372

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S-M-1701 171.372

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S-M-1702 171.372

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S-M-1703 171.372

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S-M-1704 171.372

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S-M-1705 171.372

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S-M-1706 171.372

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S-M-1751 171.182

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S-M-1752 171.182

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S-M-1753 171.182

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S-M-1754 171.182

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S-M-1755 171.182

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S-M-1756 171.182

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S-M-1757 171.182

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S-M-1758 171.182

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S-M-1759 171.182

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S-M-1804 170.992

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S-M-1805 170.992

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S-M-1806 170.992

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S-M-1807 170.992

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S-M-1808 170.992

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S-M-1809 170.992

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S-M-1810 170.992

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S-M-1850 170.801

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S-M-1851 170.801

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S-M-1852 170.801

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S-M-1853 170.801

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S-M-1854 170.801

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S-M-1855 170.801

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S-M-1856 170.801

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S-M-1857 170.801

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S-M-1898 170.609

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S-M-1899 170.609

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S-M-1900 170.609

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S-M-1901 170.609

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S-M-1902 170.609

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S-M-1903 170.609

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Point =	-27:45:00	-47:37:30

S-M-1904 170.609

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S-M-1905 170.609

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Point =	-27:52:30	-47:15:00
Point =	-27:52:30	-47:22:30
Point =	-27:45:00	-47:22:30

## Santos basin offered blocks (Sector SS-AP4)

Block name    Corrected Area(km2)

Point = Latitude    Longitude

-----

S-M-1352      689.594

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Point =    -26:45:00            -46:15:00  
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Point =    -26:30:00            -46:30:00

S-M-1354      689.594

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S-M-1356      689.594

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S-M-1358      689.594

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Point =    -26:45:00            -45:45:00  
Point =    -26:30:00            -45:45:00

S-M-1478      688.111

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S-M-1480      688.111

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S-M-1482      688.111

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S-M-1599      686.616

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S-M-1601 686.616

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S-M-1603 686.616

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S-M-1711 685.107

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S-M-1713 685.107

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S-M-1811 683.585

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S-M-1813 683.585

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S-M-1815 683.585

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S-M-1817 683.585

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S-M-1906 682.051

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S-M-1908 682.051

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S-M-1910 682.051

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S-M-1912 682.051

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Point = -27:45:00 -46:30:00

## ANNEX II

### Payment of Participation Fees

**To:** **Brasil Round 5 Office** **Fax:** **+55 21 3804 0202**

**From:** ..... (Company)

..... (Accredited Representative)

**Date:** .....

We wish to submit a Participation Fee in respect of the following basins. In this regard, we have instructed<sup>1</sup> that the sum of US\$/R\$ ..... be transferred to your bank<sup>1</sup>.

We note that Participation Fees may only be paid by sector or group of sectors as the case may be. The amount of the Fees are specified in section 3.7 of the Initial Tender Protocol (Table 7). We have placed an "X" against those basin sector(s) for which we have paid the Participation Fee (please leave other basins blank):

Potiguar (SPOT-T2, SPOT-T3, SPOT-T4 e SPOT-T5)	Espírito Santo (SES-AR1 e SES-AR2)
Recôncavo (SREC-T2)	Foz do Amazonas (SFZA-AR1 e SFZA-AR2)
Espírito Santo onshore (SES-T2, SES-T4 e SES-T6)	Jequitinhonha (SJ-AP)
Barreirinhas (SBAR-AR2)	Pelotas (SP-AP3)
Campos (SC-AR2 e SC-AR3)	Santos (SS-AR3 e SS-AR4)
Campos (SC-AP1)	Santos (SS-AP4)
<b>ALL SECTORS</b>	

We understand that payment of the Participation Fee entitles us to receive an Information Package in respect of each sector or group of sectors for which we have paid the fee, to receive a quota from the Exploration and Production Database, as defined in Table 6 of this Initial Tender Protocol and, subject to qualification, to make a bid for the relevant blocks. It does not obligate us to bid on any Block, but we may only submit a bid on a Block that is covered by a Participation Fee that we have paid. We understand we may add to the sectors on which we may participate by tendering the appropriate Participation Fee at any time prior to the cut-off date which will in no event be earlier than 15 (fifteen) days after publication of the Edital. Finally, we understand that the rules governing the conduct of this round and bidding are as laid out in the Initial Tender Protocol, which we have received, and which will be superceded in due course by the Edital.

We further acknowledge the necessary qualification requirements for Brasil Round 5. To the extent that we have not yet received confirmation of our qualification from the ANP, either in respect of Operator status or in respect of our legal and financial standing, we understand that the ANP will not entertain any claim for a refund of Participation Fees should we subsequently fail to qualify or obtain our desired qualification status.

The person authorized to collect the Information Packages<sup>2</sup> for us is:

**Name:** .....

**Title:** .....

**Company:** .....

We understand that you will contact us immediately upon receipt of the Participation Fee, and that our authorized representative, above, will then be able to collect<sup>2</sup> the relevant Information Package(s) from the ANP from March 13<sup>th</sup>, 2003, between the hours of 9:00 am and 11:45am, and 2:00 pm and 5:00 pm.

The people authorized for access to the clients room and to request the quota<sup>3</sup> of data from the Exploration and Production Database (BDEP) are:

**Name:** .....

**Position:** .....

**Company:** .....

**Name:** .....

**Position:** .....

**Company:** .....

**Signed:** .....(Accredited Representative)

**Notes:**

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1. *The Participation Fee should be wired to:*

Banco do Brasil	Account Name:	ANP
Rua Professor Lélío Gama, 105	Account Number:	333008-7
Rio de Janeiro - R.J 20031-201	Agency Number:	2234-9

In order to facilitate tracking of your payment, you are requested to fax us a copy of the funds transfer instructions. In particular, we need the tracking number generated by the remitting bank.

2. *Collection Instructions:*

- (i) The authorized representative should carry suitable personal photographic identity, and carry a completed copy of THIS FAX and the ANP's FAX confirming receipt of funds. If a duly executed Confidentiality Agreement has not been submitted, this should also be brought.
- (ii) That person should present himself to the ANP's reception desk, who will direct him to the Round 5 Office.
- (iii) While an appointment time is not strictly necessary, it is recommended to call ahead and confirm in order to avoid delays at busy times.

If point (i) above is not adhered to STRICTLY, for security reasons it will not be possible to release the materials. If you have any further queries, please do not hesitate to contact the **Round 5 Office**.

3. Instructions for requiring the quota of data from the BDEP:

**i)** The designated representative(s) to use the clients room must present personal identification, as well as the fax from the ANP authorizing the delivery of the additional quota of data by the BDEP. The use of the clients room must be pre-booked by e-mail to helpdesk@bdep.gov.br. The address of the Exploration and Production database is as follows:

Banco de Dados de Exploração e Produção  
Rua Pasteur, 404 – bloco A4 - Urca  
Rio de Janeiro – RJ 22290-240  
Telephone: (21) 3981 0109

ii) The period for the availability of the quota of data is 20 working days. The retrieval of the quota of data will be made at the ANP, following the same procedures used for the retrieval of the Data and Information Package described in Section 0 of this Initial Tender Protocol.

**iii)** The specific forms for requesting the quota of data will be sent to the Accredited Representatives of the Companies that pay the Participation Fee.

**ANNEX III**

**POWER OF ATTORNEY FOR NOMINATION OF THE ACCREDITED REPRESENTATIVE**

By the present mandate instrument, *[insert name of Company]*\_\_\_\_\_, constituted and existing in accordance with the laws of *\_\_[insert Company's country of origin]\_\_*, with headquarters in *\_\_[insert address of Company headquarters]\_\_\_\_\_*, through its legal representative, *\_\_[insert name(s) of legal representative(s) of Company]\_\_\_\_\_*, in this act nominates *\_\_[insert name of and full title of Accredited Representative]\_\_\_\_\_*, as its adequate Attorney empowered to represent us before the Agência Nacional do Petróleo (ANP), especially for the Fifth Licensing Round of Blocks ("Brasil Round 5") destined for the exploration of oil and natural gas, and with specific power for the practice of the acts and assume responsibility relative to negotiate and to propose that which is being presented, able to, in this regard, receive, submit and sign documents, to receive, and to authorize third-parties to receive, the Data and Information Package, pay fees/taxes, propose, resort to/obtain, agree, and also able to practice other acts necessary for the faithful compliance of this mandate.

IN WITNESS WHEREOF, this certificate has been executed on and as of ....., 2003

Name:

Title:

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The undersigned, ..... of the Company, hereby certifies that the person whose signature appears immediately above is the duly elected ..... of the Company and that the signature set forth above is that of such person.

Name:

Title:

## ANNEX IV

### **CONFIDENTIALITY AGREEMENT**

The undersigned hereby acknowledges its interest in Brazil's fifth oil and gas licensing round ("Brasil Round 5") and the procedures for qualification and bidding for rights to enter into a Concession Agreement with the Agência Nacional do Petróleo (the "ANP") to explore for and, if successful, develop and produce hydrocarbon reserves in certain specific Blocks located in Brazil. Capitalized terms used herein and not defined have the meanings set forth in the Initial Tender Protocol and Edital, which documents will also lay out and update, respectively, the Brasil Round 5 procedures.

The undersigned may receive, on behalf of the Company [insert company name], additional materials, data and information, including without limitation the Information and Data Package, and the quota of data from the Exploration and Production Database (BDEP). All such materials, data and information provided to the undersigned or any party acting on behalf of the undersigned by the ANP, or any party acting on their behalf, including any copies of such materials, data and information and any studies, reports, analyses or other materials based on such materials, data and information, in connection with Brasil Round 5 are referred to as "Confidential Information". The undersigned has no rights to use the data and information provided by the ANP after the conclusion of Brasil Round 5 except for those data pertaining specifically to an area in which, as a result of Brasil Round 5, the undersigned or an affiliated company created in accordance with the terms of the Initial Tender Protocol to sign the Concession Agreement becomes a Concessionaire. In the event the undersigned or one of its affiliates becomes a Concessionaire, the right to use the data and information is limited to the area under concession and to the period in which the Concession Agreement is in force.

The undersigned agrees to treat all Confidential Information as confidential, and shall not disclose any Confidential Information to a third party unless the ANP has given its prior written consent to such disclosure.

Notwithstanding the foregoing, the undersigned may disclose Confidential Information to any of its officers, directors, employees, affiliate companies and their employees, agents and advisors who (i) has a need to know the same in connection with carrying out work relating to Brasil Round 5, and (ii) has been advised of, and agrees to comply with, the restrictions upon such Confidential Information set forth in this Agreement as if it were the undersigned. In addition, the undersigned may disclose

Confidential Information to a third party without the ANP's prior written consent to the extent such information:

- a. is already known to the undersigned as of the date of disclosure (with the exception of that information that was disclosed to the undersigned as Confidential Information, during the previous Rounds staged by the ANP);
- b. is already in possession of the public or becomes available to the public other than through an act or omission of the undersigned;
- c. is developed independently by the undersigned without the use of any Confidential Information; or
- d. is acquired independently from a third party, which is under no legal obligation known to the undersigned prohibiting such disclosure.

In the event that the undersigned is required by applicable law, decree, regulation, rule or order of any competent authority to disclose any Confidential Information, the undersigned shall promptly notify the ANP in writing so that the ANP may seek an appropriate protective order and/or waive the undersigned's compliance with the confidentiality requirement. In the event that such protective order or other remedy is not obtained, then the undersigned shall furnish only that portion of such Confidential Information that is legally required to be disclosed.

Upon the instruction of the ANP the undersigned shall destroy or return all Confidential Information following the conclusion of its participation in Brasil Round 5.

This Confidentiality Agreement shall be governed by, and construed in accordance with, the laws of the Republic of Brazil.

Executed on the ..... day of the month of ....., 2003.

By: ..... (Authorized Signatory)

Name: .....

Title: .....

Company: .....

**ANNEX V**

**AUTHORIZATION TO DISCLOSE INFORMATION ABOUT THE COMPANY**

From: .....(Company)  
.....(Accredited Representative)  
Date:.....

We request the ANP to publish on the Brasil Round 5 web-site, the information below in respect of the subject Company. We are aware that the ANP does not warrant the authenticity of this information and does not take any responsibility for any error that may occur in the transcription of this information to the web-site. Any contacts that we might make and any agreements which we enter as a result of the publication of this information will be our sole responsibility and the ANP will bear no responsibility in any way for any consequences, costs or damages resulting therefrom.

In the event we wish to modify any information provided by completing a new form, we acknowledge that the ANP has no commitment with respect to the timetable to publish such updated information. We are also aware that the ANP may not publish any information or comments which, in its sole discretion, are incorrect or inappropriate.

We are also aware that we cannot publish any Confidential Information except within the conditions of the Confidentiality Agreement of Brasil Round 5 and that before discussing any Confidential Information with potential partners we take full responsibility for verifying that such companies have paid the applicable Participation Fee and signed the Confidentiality Agreement.

The information we wish to be disclosed is the following:

Company:  
Contact Person:  
Title:  
Telephone:  
Fax:  
E-mail Address:  
Basins of Interest:  
Comments:  
Signed.....(Accredited Representative)

**ANNEX VI**  
**DETAILED DESCRIPTION OF LOCAL GOODS AND SERVICES ACQUISITIONS**  
**PLANS**

For the purpose of the declarations established in section 4.7, the bidding companies or consortia must present, along with the bidding envelope, goods and services plans for:

Exploration Phase:

- (a) geological and geophysical data acquisition operations;
- (b) geophysical data processing;
- (c) geological and geophysical interpretation operations;
- (d) Well drilling, evaluation and completion.

Development Stage (as applicable, for onshore or offshore activities):

- (a) services of basic engineering;
- (b) Services of detailing engineering design;
- (c) well drilling, completion and evaluation;
- (d) construction and assembly of the platform (production unit);
- (e) construction and assembly of the process and utility facilities
- (f) integration of the hull with the topsides and utility units;
- (g) production gathering system and oil & gas treatment facilities;
- (h) production collection system (pipelines, production risers and subsea equipment);
- (i) production transfer system.