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**Reports of 1st Dx-Camp 15.61 Crew Radio Listeners'  
Marajó Island - Amazon Rainforest  
Northern Brazil - November 15, 16, 17 and 18, 2019  
Ivan Dias da Silva Junior & Martin Butera**

**Text by: Martin Butera  
DX-Camp Photos: Ligia Katze  
Photography edition: Mark Melzi**

### Introduction

Since we founded the Crew 15.61 Radio Listeners', with Ivan in September of this year (<https://swling.com/blog/2019/09/guest-post-brazils-newly-formed-15-61-crew/>), we set out to take our hobby in the most professional way possible, with commitment and dedication, but without this becoming only technical or limited only to our listening.

We are aware that a DX camp is focused on listening to radio stations, looking for the best development of reception techniques and antennas.

We would to change the way the radio listener is viewed, as somebody lonely and isolated, for a new concept, fun but without losing the commitment.

We from Crew 15.61 Radio Listeners', believe that the important thing is to enjoy experiences and knowledge, not just radio.

That is why the reader will understand a somewhat more "modern" vision about what a DXcamp (commitment and fun) means to us.

But pay attention if you, radio reader listener, are not interested in these aspects, which have to do with the interaction with the place and the different cultures, please go to the end of this report, where you will find the DX camp log. However, we would like to have you as part of this trip, through this article, something that we prepared with much love and dedication.

We are at the end of a decade, and we believe that our hobby needed a change in attitude, we are aware that it was necessary to get out of that passive role, which puts us only in front of our receivers.

With that premise, the idea of doing our first DX camp in the Amazon region came up. More than 80000 fires have been registered in the Amazon rainforest this past year, which has generated an international alert about the damage to this vital forest and biodiversity area.

International environmental groups also link the fires in the Amazon with the anti-environmental policy and the impetus given by the government of the current Brazilian president, Bolsonaro to the exploitation of natural resources - mining, logging and livestock - in protected areas.

We felt that we had to be there.

We are inviting you to read this report as something different, where not only you will have access to a received log, but also know our social commitment, as well as see the history and culture of the place we chose for our first DX camp.



Photo 01: Flyer Dxcamp Marajó 2019, Crew 15.61



Photo 02: commemorative credentials of the first Dxcamp of the Crew.



Photo 03: Our shack in the middle of Marajó Island

### Trip to the city of Belém, northern Brazil.

This city, located at the mouth of the Amazon River, was the meeting point for our Crew.

I live with my wife in Brasilia, the capital of Brazil, and I am 27 hours from Belém, approximately 1982 km. As for Ivan, he lives in the city of Sorocaba, in the state of São Paulo, 38 hours from Belém and around 2893 km.

The Crew arrived on different days and flights. Ivan Dias' trip was calm without problems.

Video Ivan

<https://youtu.be/WZZf2QYJcKM>

My flight was a little more complicated. Arriving in the city of Belém, a massive storm broke out, making the visibility conditions impossible for a safe land, the plane had to fly 20 minutes more at the airport approach point, while was trying to dodge the storm. After three attempts it finally landed.

Video Martin

<https://youtu.be/nWVqeUOy5rE>



Photo 04: taken by Martin Butera, directly from the window of the plane, you can see the image of the classic Amazon River.



Photo 05: A curious fact is that arriving in the Amazon area, you can still see that there are still fires, as in this photo taken by me, from the window of the plane (remembering that the fires began in the month of August 2019).

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## Belém, the gateway to the Amazon



Photo 06: images of the port of the city of Belém, Brazil.  
(Photograph by Ricardo Freire)

Belém has a mixture of indigenous culture, mysticism, religion and architecture.

Known as the gateway to the Amazon, Belém is a city surrounded by dense vegetation, with a humid climate and a temperature reaching 40 ° C. This is the Brazil of colonial lines, strong religious beliefs, ecotourism, street markets and Latin and European influences.

Belém is characterized by its culinary art with aboriginal predominance. It is the land of açaí, a typical fruit of this region, whose consumption dates back to pre-Columbian times. Nutritious and energizing values are attributed to it, which in addition to its characteristic flavor, makes it a product with high demand in this region.

They say that going to Belém and not visiting the "Ver-o-Peso" market is the same as not knowing the city. The place has intense colours, smells, sounds and people. Hundreds of stalls sell fish, medicinal herbs, sweets, handicrafts and many more items, exotic fruits of the Amazon and typical foods.

The architectural and landscape complex of the market is a Historical Monument of Brazil.

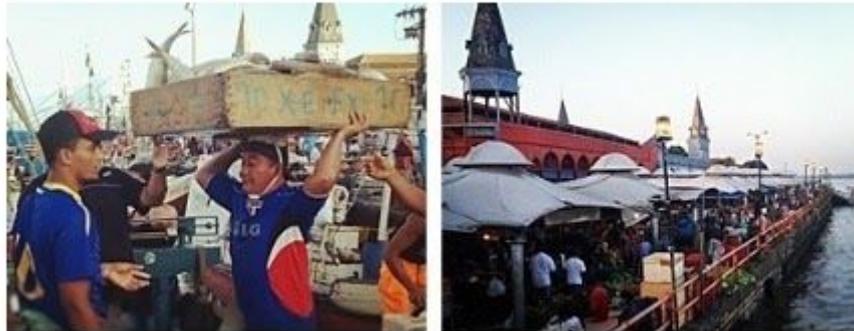


Photo 07: "Ver-o-Peso" Market, Belém - Brazil.  
(Photograph by Ricardo Freire)



Photo 08: Martin Butera, in the "Ver-o-Peso" market, Belém city - Brazil.



Photo 09: The first wonder of the day "the Acai Fair", from very early hours boats from the islands of Guajará Bay unload a lot of freshly harvested açaí baskets.  
(Photograph by Ricardo Freire)



Photo 010: In the fish market stalls, Amazonian fish of all kinds are exhibited.  
(Photograph by Ricardo Freire)



Photo 011: The other vital ingredients of the Pará diet await us five minutes later, in each sector: the flour, the tucupi, the jambu, the chestnut, open and peeled on their stools.(Photograph by Ricardo Freire)

Near to the centre is the Docas Station (de Los Muelles in Spanish). On the old port of Belém, a 500-meter walk has been renovated, preserving the old docks, with a sidewalk line in front of the imposing bay of Guajará, three areas are organized: gastronomy, crafts and fairs-exhibitions.

With my wife, during the days before the Dx camp, I was able to take a boat trip, with a privileged view of the city of Belém, a tour in the Guajará bay and the Guamá river.

We were able to participate in typical live dances such as the "carimbó", contemplate a psychedelic sunset accompanied by Amazonian beers, well frozen, that made the trip more pleasant.



Photo 012: Kayapós Tribe Boat  
(Photo courtesy Valverde Tourism)



Photo 013: Martin Butera with his wife Ligia, sailing in Kayapós tribe boat



Photo 014: Ligia, Martin Butera wife, on the Kayapós tribe boat



Photo 015: Typical live dance "carimbó", from Belém.



Photo 016: Typical live dance "carimbó", from Belém.



Photo 017: magical sunset on the Kayapós tribe boat



Photo 018: Psychedelic sunset and Amazonian beers, well frozen.

Belém is a fantastic city that I enjoyed.

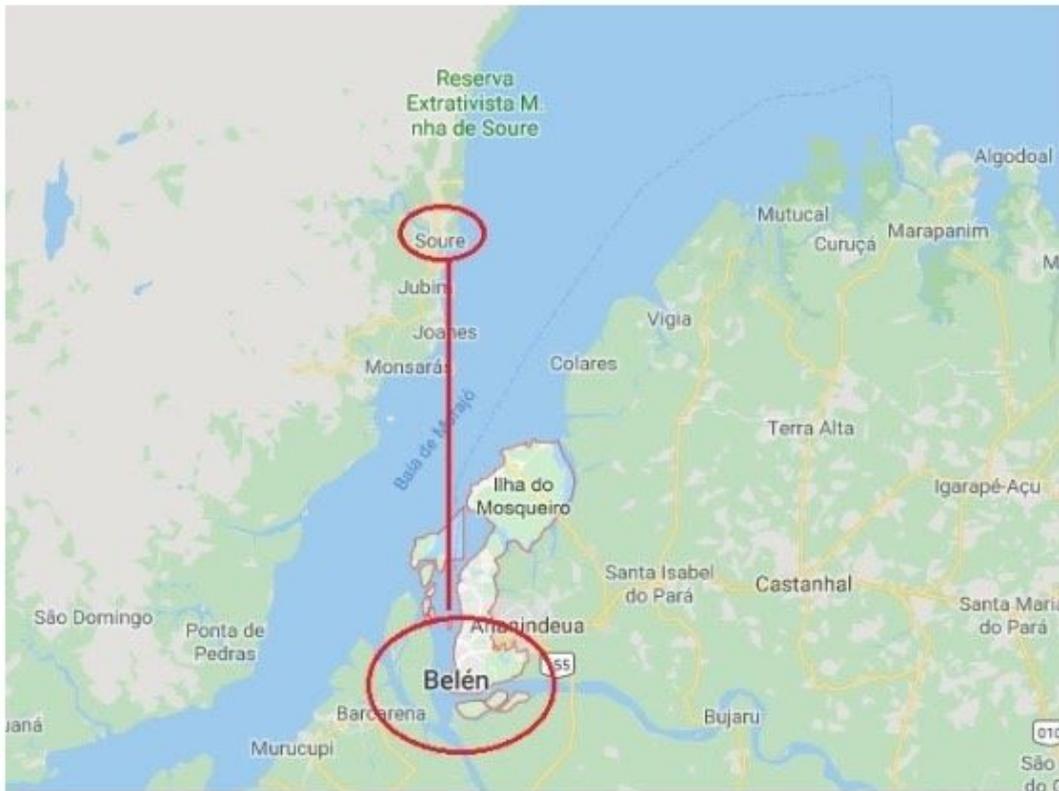


Photo 019: route map, which we would have to go to get from the city of Belém to Marajó Island.

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### **Marajó, Amazon secret**

Marajo Island is located approximately 100 km away, in front of the city of Belém, surrounded by the Amazon and Tocantins rivers, and the Atlantic Ocean, it is known the largest river island in the world, with dimensions larger than Switzerland or Holland. Its 50,000 square kilometers house 15 districts, but only a small part of the island, specifically the east of it, is open to the public.

The indigenous civilizations that settled Marajó more than 3000 years ago left compelling testimonies. Still, it is above all their landscapes that have given the reputation to the most significant delta island in the world. The western half of Marajó is covered with forests, mostly flooded; In its eastern part, there are immense meadows, some of which are dry all year long.

To the north of the island, between the waters of the Amazon and those of the ocean take place, the island has kept two treasures intact over the centuries - the beaches of Pesqueiro and Aruna.

The buffalo is the symbol of the Island. Loose servants, they are part of the general scenario, be it of the immense plains or the small urban centres. They are used for transport, police patrol and cargo. Therefore, the cuisine of Marajó has a strong influence on this type of cattle: milk, butter and buffalo meat are local wonders.

Symbol of the ancient Marajoara civilization (it is said of what is native to the Island), the crafts enchant with its beautiful vases, glasses and funeral urns. Its quality makes Marajoara ceramic known worldwide. However, that is not the only cultural example of Marajó. The carimbó, the lundu and the siriá, dances both from the African, indigenous and Portuguese miscegenation, cheer up the local folk festivals.



Photo 020: Local police on the island, riding buffalo  
(Photo by Alessandra Serrão / Agência Pará)

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### Visit to the marajoara ceramic factory

The artisans are so faithful to the local culture that they make pieces identical to their ancestors.

Craft factories, such as Atelier Arte and Mangue Marajó, collect clay, model, glue dye material and paint the pieces. It is an artistic work that you can follow carefully.



Photo 021: Marajoara pottery, made by artisans from the island of Marajó, is the oldest of the ceramic arts in Brazil.  
(photo by Ana Elisa Teixeira)



Photo 022: The Marayó culture was a pre-Columbian civilization that flourished on the island of Marajó, at the mouth of the Amazon River.  
(photo by Ana Elisa Teixeira)



Photo 23: Marajoara pottery, made by artisans from the Marajó island, is the oldest of the ceramic arts in Brazil.  
(photo by Ana Elisa Teixeira)



Photo 24: Marajoara pottery, made by artisans from the Marajó island, is the oldest of the ceramic arts in Brazil.

(photo by Ana Elisa Teixeira)

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### **A true odyssey**

Getting to the Marajó island is not an easy task; it is necessary to take a somewhat old and slow Ferry, which at first glance offers a minimum of comfort and safety.

However knowing that one is sailing on a stretch of the Amazon River, the longest and most extensive in the world, makes this journey something mystical and imposing.

Travelling many times in a big country like Brazil requires changing the way of thinking and accepting all the improvises that will be presented during the trip, making them something magical and attractive.



Photo 025: Ivan Dias and Martin Butera in the ship "Marcos Matheus", heading to the port of Camará.



Photo 026: Ivan Dias and Martin Butera on the bow of the ship "Marcos Matheus", behind you can see the flag of the Brazilian state of Para, Belém being its capital.



Photo 027: typical houses on the edge of the Amazon River.

Once the ferry sails for about 3 hours, it will dock at the port of Camará.

All the time it seems that the trip begins again and has no end, because when we arrived at Camará, then it is necessary to take a small bus, which travels about 20 kilometres, through jungle roads, for about 1 hour, until we arrive at the city of Salvaterra.



Photo 028: Bus that would take us to Salvaterra, place to be crossed to Soure, known as the capital of Marajó Island.

In Salvaterra, we needed to wait for a small boat to cross the Paracauari river in exchange for a few coins and finally arrive in Soure (known the capital of the island of Marajó).



Photo 029: Ivan and me, crossing in a local fishing boat towards the Marajó island.



Photo 030: crossing in a local fishermen boat towards the Marajó island.



Photo 031: arrival at the small island port, something curious can be seen - an advertisement for a local FM radio station - we took it as a good luck sign.

In Marajó, we waited for our guide Mr. Jedilson, in a 4x4 truck, to travel about 4 Kilometers to the inland, and reach our rural house.

All this hard trip of around 100 Kilometers, which took us more than 5 hours, to reach the chosen house for our Dxcamp, using different types of locomotion (Ferry, bus, local fishermen boat and 4x4 truck), was made under an unbearable heat and humidity, normal in the Amazonian area, and with all our equipment for the Dxcamps (computers, receivers, antennas, tools, etc).

### Our house in the island

To achieve good results in radio reception, we all know that it is necessary to do our catches in places with very low radio noise, as isolated as possible from human intervention.

Getting such a place is not easy and requires a lot of logistics and good luck.

I think we had these two aspects in our favour, finding for our first Dxcamp a rural house away from the small centre of the island, about 4 kilometres away from it.

The house is called "Sítio Alegre", it is located between the city of Soure and the "Pesqueiro" beach, and the house is formidable, with three rooms at the top, pool and all rooms surrounded by large balconies with hammocks.

And of course - what we were most interested in - a vast field to install our antennas. The house is located in a quiet area with incredible views of a lagoon. It is curious to observe a large number of buffalos that walk in the field.

Watching the sunset is undoubtedly a separate show.



Photo 032: house in the Marajó island



Photo 033: mill of the farm "Sitio Alegre", rural house in the Marajó island



Photo 034: free buffalo in the farm where our rural house in the Marajó island is located



Photo 035: free buffalo in the farm where our rural house in the Marajó island is located

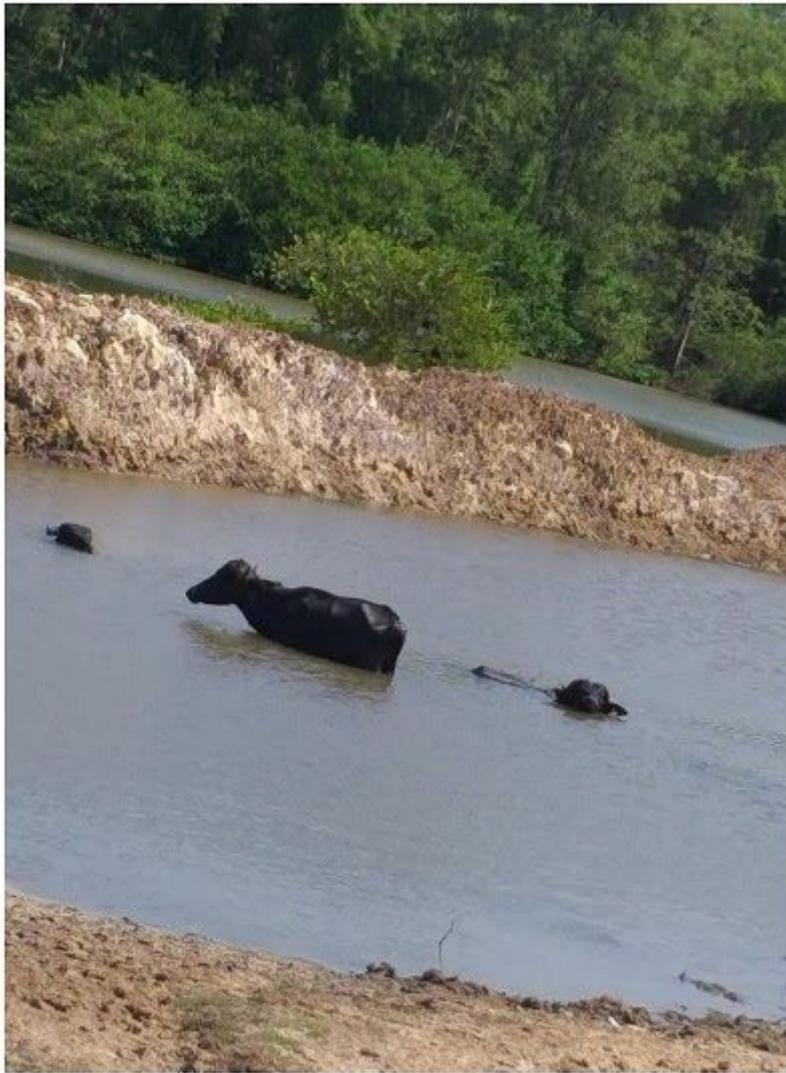


Photo 036: free buffalo in the farm where our rural house in the Marajó island is located



Photo 037: first sunset in our rural house in the Marajó island

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Of the three nights in the Marajó island, the first was the best for transoceanic signals. Almost without static noise, stations on the mediumwave band from Morocco, Egypt, Bahamas, Bonaire, Argentina, Italy and Spain were heard. A lot of small Brazilian stations were heard too.



QTH Map 038

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## Daily summary

Friday, November 15

As soon as we arrived, we got together to take apart our bags and started putting together the antennas and our shack.

It seems incredible to be writing this, after telling how hard it was to get to the island, we were so excited about the Dxcamp, that we managed to have extra power to install everything necessary after a few hours.

Interestingly, Friday was the day of best propagation conditions, so it was worth the effort.



Photo 039: disassembling our bags and sorting the antennas



Photo 040: disassembling our bags and sorting the antennas

### **Receivers and Antennas used**

SDR: SDRplay RSP1, SDRplay RSP2, RTL-SDR V3 and Elad FDM-S2.

Radios: CCrane Skywave SSB and Radiwow R-108.

Outdoor Antennas: Beverage 100 m and 200 m (x2 – pointed to Europe/North America), Longwire DS-SWL-L, Longwire DS-SWL-MB, T2FD DS-SWL-FD, Cross Country Wireless Loop Antenna Amplifier, Yagui FM-5

Indoor or Mobile Antennas: COMPACTenna SW and Loop DZ (By Denis Zoqbi).



Photo 041: installing one of the antennas, the famous T2FD DS-SWL-FD, from the Brazilian sponsor DS Antennas.



Photo 042: installing one of the antennas, the famous T2FD DS-SWL-FD, from the Brazilian sponsor DS Antennas.



Photo 043: installing one of the antennas, the famous T2FD DS-SWL-FD, from the Brazilian sponsor DS Antennas.

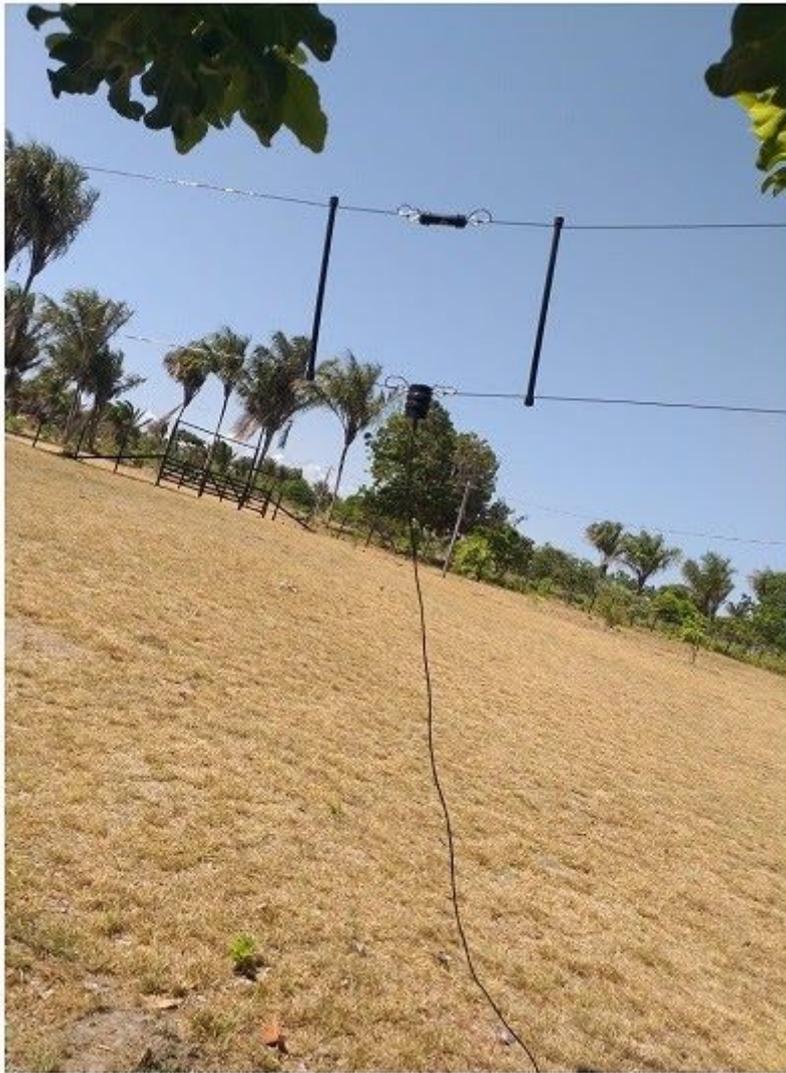


Photo 044: installing one of the antennas, the famous T2FD DS-SWL-FD, from the Brazilian sponsor DS Antennas.



Photo 045: installing one of the antennas, the famous T2FD DS-SWL-FD, from the Brazilian sponsor DS Antennas.

### **Antennas behaviour**

Outdoor Antennas:

1 Beverage on ground was used pointed to South Europe/Middle East.

It was placed away from our radio room, approximately 30 meters, and with 50 Ohms coaxial cable to the SDR receivers. With this, the antenna could be moved away from any nearby generated noise in our radio room.

It should be noted that many times recordings were made in total darkness, turning off the light of the house.

We did the same with the antennas from the Brazilian sponsor DS Antenas. The antennas were:

DS-SWL-L – a long wire for portable receivers to be connected to the telescopic whip.

DS-SWL-MB – another long wire, but with balun. Very good results with this antenna, thanks to its good signal to noise ratio.

DS-SWL-FD – T2FD antenna. Very low noise antenna, with good results too.  
Cross Country Wireless Loop Antenna Amplifier – good for portable operations.

Indoor or Mobile Antennas:  
COMPACTenna SW and Loop DZ (By Denis Zoqbi).

FM antenna:  
We expected better conditions for this band, but unfortunately, we had no openings.  
A 5-element yagi was used.

### Our shack

The radio room was configured with two and the SDRs of our sponsors, which we exchanged at each hour (SDRplay RSP1, SDRplay RSP2, RTL-SDR V3 and Elad FDM-S2).

We also used the following radios: CCrane Skywave SSB and Radiwow R-108

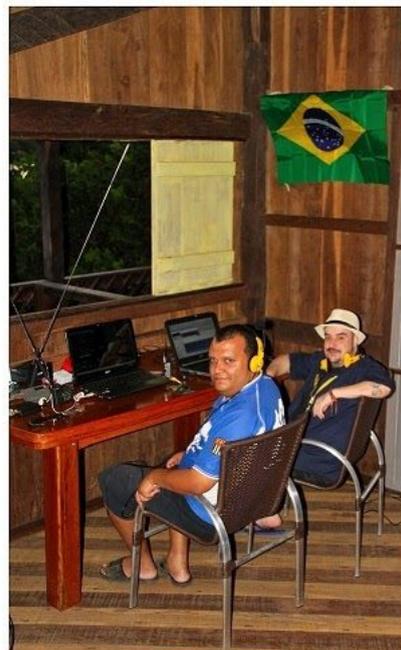


Photo 046: Ivan Dias and Martin Butera



Photo 047: me and Ivan receiving different signals



Photo 048: me and Ivan awaiting for the first transoceanic mediumwave stations



Photo 049: Martin Butera and Ivan Dias, the most active radio listeners in Brazil, according to website SWLing Post.

The first day was the best day too. Good propagation conditions with signals from Middle East and Europe booming in the entire mediumwave dial. A lot of stations from smaller Brazilian cities in the North and Northeast with good signals made the first night really the best, everything under low static conditions (something really difficult if you consider that we were in the Amazon climate area, the rainiest in our country).

### Saturday, November 16

It was a nice day to recover energy and strength after a long trip on the island during the previous day. We rested a lot; we woke up late, really late.

I cooked some noodles with tomato sauce; we didn't have much food to prepare in the house since the town was about 5 kilometres away and every trip to town we had to do it with our guide in his 4x4 truck.

Saturday was not a good propagation day.



Photo 050: cooking our lunch



Photo 051: lunch ready! (Ivan and Martin Butera)



Photo 052: relaxing from the hard trip to the island, by the pool, drinking a well-frozen Amazon beer.



Photo 053: my wife and me, on the hammock, resting and listening to the radio



Photo 054: The buffalo also took the day to relax in the shade

Sunday, November 17

"San Jeronimo" Farm

On Sunday we have the morning to know the island.

Ivan chose to visit the farm "San Jeronimo", where a buffalo ride and typical meals were awaiting him.

Upon arriving at the farm, Ivan was received by Mr Brito and his wife Mrs Jerônima, who were waiting for him for a real adventure.

A unique moment!

A Buffalo ride, long walks and even a boat ride.

Ivan was delighted with the beautiful scenery ... a blue sea of waves and fresh water on the river and salty sea.

Everything finished with natural juices and dishes of the local cuisine.



Photo 055: The buffalo waiting for Ivan for a long ride to a private beach

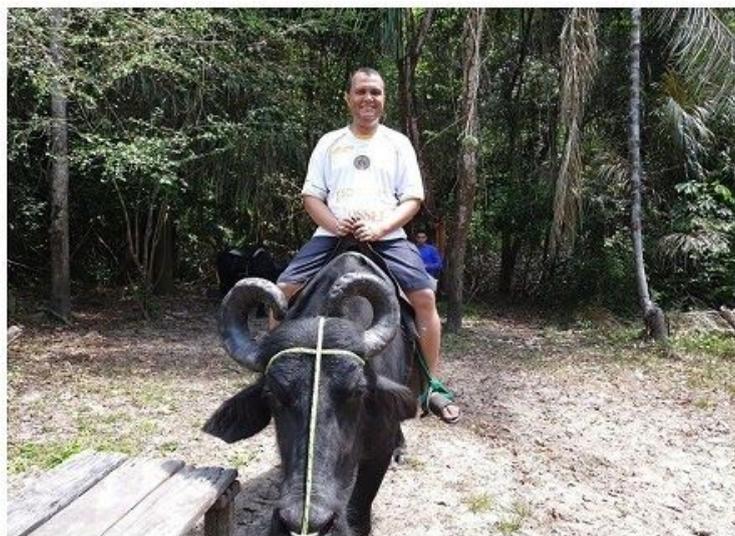


Photo 056: Ivan riding a buffalo, In search of marajoaras adventures.



Photo 057: Ivan walked through Mangrove deserts  
(photo by Ana Elisa Teixeira)



Photo 058: Ivan on a long canoe ride in one of the many rivers that crosses Marajó Island



Photo 059: Ivan arriving at a private farm beach on the Marajó island



Photo 060: Dona Jerónima preparing Ivan's lunch.  
(photo by Ana Elisa Teixeira)



Photo 061: Marajoara steak with melted buffalo cheese  
(photo by Ana Elisa Teixeira)

### **"do Pesqueiro" beach**

My wife and I chose the beach. It has dunes, buffalo and it is a beautiful place to be. Located at the mouth of the Amazon River, "do Pesqueiro" beach is one of the most important areas of Soure, on the Marajó island, and is just over ten kilometres from the city.

In its four kilometres long, it combines fine white sands full of huts lined with palm and coconut trees, dunes and waters that range from sweet to salty.

Perfect for an afternoon relaxing, the beach also offers activities such as the traditional buffalo ride or simply taking pictures with the animals resting on the sand.

Water sports, community fishing, eco-friendly trails along the beach and mangroves, and canoe trips along rivers and streams are also local attractions.

Pesqueiro beach synthesizes the abundance of the Amazonian nature with the Marajoara culture, a relationship of balance and harmony.



Photo 062: Entrance to the "do Pesqueiro" beach, Marajó island.



Photo 063: Martin wife, Ligia in "do Pesqueiro" beach, Marajó island.



Photo 064: Amazon beer in "do Pesqueiro" beach, Marajó island.



Photo 065: lunch at the "do Pesqueiro" beach, Marajó Island (fried fish with buffalo cheese)

To close the day in an even more magical way, during the afternoon we went to the village to chose the tree to plant, as a symbol in the Amazon, a story that you can read in a prominent section later.

With better propagation conditions than on Saturday, the reception was not better due to higher static levels. An excellent opening to the South made possible catches from Argentina and Paraguay (more than 2900 km).

### Monday, November 18

Our trip back to the continent (city of Belém), was scheduled for 6 AM, so we continued listening until the last possible minute, now only with a beverage antenna.



Photo 066: dawn on the Marajó island, trying to receive the latest signals, with a Radiowow R-108



Photo 067: dawn on the Marajó island

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## **Amazon beer**

In the Brazilian Amazon, the best world-class beer is made, bringing joy, quality and development to the Amazon region.

With hard work, regionalist love and courageous ingenuity, the Amazon has managed to realize a dream that many believed impossible, to make beer in the middle of the Amazon.

Cerpa is a Brazilian brewery established in 1966 in the Brazilian city of Belém by Konrad Karl Seibel, a German citizen.

Konrad Karl Seibel discovered that the region's water was suitable for brewing in the tropics.

It has been a successful regional brewery for decades.

In 1966, to differentiate itself from the competitors, it introduced the Draft Beer process, which increases the product quality by changing the traditional pasteurization system with cellulose filters and thermal discharge.

Tijuca Cerpa is a tribute from the Cerpa brewery to Rio de Janeiro, initially produced only for export, but in 1994 it began to be marketed nationwide. It is a light yellow beer, with light colour and fermentation, with a good volume and a fast duration. It has a very mild aroma, slightly malted, with a slight taste of malt and hops and a very soft bitterness.



Photo 068: CCRANE Skywave Radio, next to an Amazon beer "Tijuca Cerpa", the perfect combination.

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### **A small action to change our world.**

Fulfilling our commitment to get involved in causes of direct action, instead of only DX we decided to do something.

For this reason, we planted in the Marajó island a small tree in the name of the European DX Council (EDXC) which we affectionately baptized with the name "Chrissy", referring to our friend Chrissy Brand, Chief Editor of BDXC bulletin and European DX Council (EDXC) Secretary, who supported this DX camp.

We are aware that planting a tree amid the flames that are killing the Amazon rainforest will not be its salvation, but will leave a legacy and is a way to contribute to a better world.

Help the environment does not require big actions, but small ones, such as:  
Separate out our waste for later recycling;

Turn off the lights. It seems obvious, but we don't realize how many times we turn on the light of a room we will not stay in;

Eat organic fruits and vegetables. Organic products help the environment because in their production no fertilizers or other polluting products are needed;

Turn off the faucet correctly. When you do not need water, turn off the faucet and check for leaks;

Go by bicycle or public transport. Pollution in big cities comes largely from the excessive use of cars;

Take your bags to the supermarket. More and more supermarkets are selling plastic bags to avoid their use and encourage recycling;

Take advantage of natural light. To reduce the electricity consumption, open the windows and curtains so that sunlight enters your home;

Recycle everything you can. Before throwing clothes, books or toys, think about whether you can give them a second chance to avoid spending and buying everything new. You will save money and protect the environment.

As you could read, they are small actions that help energy saving, recycling and conservation of these resources.



Photo 069 Flyer

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### **Thanks for the support**

The DXcamp that took place between November 15 and 18 in the island of Marajó was the first event with these dimensions and characteristics held in Brazil and perhaps in South America.

This DX camp got the attention of several sponsors who helped the 15.61 Crew, including: C.Crane, SDRplay, DS Antennas (Brazil), Heil Sound, COMPACTenna, Cross Country Wireless, Antennas4Less, NI4L Antennas, Radiowow, RTL-SDR, ELAD, SSB, RadioShack, Antennas Loop DZ by Denis Zoqbi (Brazil), Arrow Antennas and the SWLing Post blog.

Different organizations and clubs are included: BDXC (British DX Club), EDXC (European DX Council), SR (Sugar Radio - Sperimental Group), RC (Romeo Charlie Dx Group), Colón Dx Club, Dxnews.com, among others.

We would like to thank everyone for supporting us, and we hope to have all of you, in the next Dxcamp as well as all the people, beyond the brands, who believed in our project and supported this Dxcamp: Ligia Katze (DXcamp photographer, Martin Butera wife), Mark Van Marx (Marcos Melzi, photo editor), Orlando Perez (PT2OP), Chrissy Brand BDXC (British DX Club), Alan Roe BDXC (British DX Club), Rob Wagner VK3BVW, Daniel Camporini, Samuel Gutierrez (Diseño Grafico - Lima Peru), Pedro Sedano (General Coordinator AER), Mika Mäkeläinen (<http://www.dxing.info/>), all members of the European DX Council, Thomas Witherspoon ( SWLing Post), John Wilder KJ6AVJ (C.Crane Radio), Jon Hudson (SDRplay), Murilo Rodrigues (DS Antennas - Brazil), Bob Heil (Heil Sound), Chris Molding (Cross Country Wireless), Chris Fox (Ni4L), Madeleine Wellie (SSB -Electronic GmbH), Tim Chapman (Arrow Antennas), Jack Nilsson (COMPACTenna), Carl Laufer (RTL-SDR.com), Darrell / K7LZR (antennas4less.com), Denis Zobqi (Stars Telecom - Brazil), Radiowow, Elab SDR , Radio

Shack, Stephane (RC Int. DX Group), Mimmo (Experimental Radio), Sal Al (GCC DX Foundation), all members of the Colón Dx Group and DXnews.com.



Photo 070 Flyer

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### **Consider supporting our next Dx camp**

Donations Welcome!

No DX Camp is cheap, nor easy to sustain. It takes a lot of time, effort and personal expenses to go to these remote places in South America and then share our catch with you.

So why do we ask for sponsorship? Airline weight limits and luggage size are a problem in South America and are generating substantial freight costs in this DX-Camp.

All donations will be reported on the Dxcamp website, anyone who makes an anonymous donation will be respected, reporting only the value, without revealing the person's name.

All donations will always be used for our DX-Camp purposes, so any donation is welcome!

Your contribution will help us take the best listening station we can gather and have more and better chances of getting good results.

Please click on the following link for the donation!

<https://dxcamp-marajo2019.blogspot.com/p/donations-welcome.html>

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## Logs

We must accept that in the current DX camp, where SDR technology is used, a bit of romanticism was lost, we no longer need to be in real time, in front of our receiver, with a pen and notebook pointing our catches, until we sleep and the headphones fall.

The strategy we chose was to start recording about 5 minutes before the end of each hour and continue recording 30 more minutes at the beginning of the new hour and using two computers simultaneously, different antennas and SDR models.

These recordings are made without audible sound: we only needed to schedule the recording, which means that we don't have much to do when they start.

Then, of course, there will be a long process of listening and recording selection that will take us months, we think at least October, to have a definitive Log of this DX camp.

This Log will be updated periodically on our website created, especially for this event. Also, thanks to our friend Thomas Witherspoon each update will be announced through the SWLing Post.

However, in these four days we had the opportunity to play with our ultra-light receivers of the brands "CCrane Skywave SSB" and "Radiwow R-108" and our Indoor or Mobile Antennas (COMPACtenna SW and Loop DZ by Denis Zoqbi ), which worked perfectly. And every possible DX heard both with the help of external antennas, and even of the radio's ferrite antennas followed us exciting as in the old days.



Photo 071: Ivan Dias and Martin Butera, with the CCrane Skywave SSB "and" Radiwow R-108 "radios, Dxcamp Marajó, November 2019.

Another concept that we think is "new", for those who are accustomed to reading stories about Dxcamps, is that the presentation of the Logs is usually done separately, meaning each listening belongs to a person who participated in the Dxcamp.

Here you will not find a list of Ivan or Martin receptions. We are a Crew - here there is no competition, we both made the same effort to travel, and we divided different tasks, such as the promotion of the event, the propagation study, choose the antennas and their subsequent assembly, etc.

Then, we invite you to know logs of the 1st Dx-Camp 15.61 Crew Radio Listeners' - Marajó Island - Amazon Rainforest - Northern Brazil - November 15, 16, 17 and 18, 2019

Ivan Dias da Silva Junior & Martin Butera

530 17/11 2357 ARG Somos Radio, Buenos Aires, om "Somos Radio, AM

530" 25232

531 16/11 0001 ALG Jil FM, Ain Beïda, mx w/ Denis Ferrer 45444

540 16/11 2000 MRC SNRT, Tanger, time pips, id AA 33333

540 16/11 0002 B R. Jornal, Canindé/CE, id, px "Sucessos da noite" 23422

549 16/11 2105 ALG Jil FM, Sidi Hamadouche, id "Jil FM" //531 kHz 35333

550 15/11 2032 B R. Serra da Capivara, São Raimundo Nonato/PI, mentions to stn name 34343

550 15/11 2122 B R. Banda B, Curitiba/PR, Cruzeiro x Avaí soccer match 33333

550 15/11 2210 B Super Rádio Boa Vontade, Montes Claros/MG, "Panorama nacional" px 33333

558 15/11 2214 IRN R. Farhang, Gheslagh, yl/om tlk, mx AA 32332

560 15/11 2030 B R. Jornal, Itabuna/BA, om "aqui na Rádio Jornal" 44444

560 15/11 2201 B R. Paulista AM, Santa Isabel/SP, id IPDA network 22332

560 15/11 2205 B R. Educadora, São Luís/MA, id "ZYH887, frequência 560 kHz" 44444 0002

560 16/11 2014 B R. Difusora, Patrocínio/MG, soccer match 22332

560 18/11 0200 ARG R. Nacional, Bahía Blanca, mention to website 22322

567 16/11 0023 E RNE, Murcia, mentions to Murcia, 34343

570 15/11 2102 B R. Uirapuru, Itapipoca/CE, tx soccer match 45444

576 15/11 2100 E RNE, Barcelona, time pips, id SS 34433

580 15/11 2105 B R. Relógio, Rio de Janeiro/RJ, px rlg 22332

580 17/11 2058 B RBC AM, Recife/PE, om "aqui na Rede Brasil Rádio" 25222

585 15/11 2358 ARS BSKSA, Riyadh, mx AA 44444

585 16/11 2000 E RNE, Madrid, "Servicios informativos" 35343

590 16/11 1957 B R. Poty, Crateús/CE, adv "Farmácia Droga Vida" 34333

590 18/11 0158 ARG R. Continental, Buenos Aires, soccer match 34333

590 18/11 0205 B R. Difusora, Boa Vista/RR, time check 23332

594 18/11 0159 ARS BSKSA, Duba, Quran recitation 23332

600 15/11 2007 B R. Vale, Barreiras/BA, px "Anuncia-me" 44444

600 15/11 2207 B R. Mirante, São Luís/MA, om "Mirante AM, a rádio do Maranhão" 44444

600 16/11 0006 B R. Gaúcha, Porto Alegre/RS, weather forecast 33443

603 15/11 2000 E RNE, Sevilla, "Servicios informativos" 34443

610 17/11 0204 B R. Itatiaia, Belo Horizonte/MG, id "ZYL200, 610 kHz..." 44444

610 15/11 0213 PRG, LV del Chaco Paraguayo, Filadelfia, time check, mentions to Facebook page 44444

612 16/11 2110 MRC SNRT, Sebaâ-Aioun, om/yl tlk AA 34333

620 15/11 2003 B R. Assunção, Fortaleza/CE, adv "Auto Peças Padre Cícero" 54454

620 15/11 2110 B Jovem Pan, São Paulo/SP, traffic information 33433

621 15/11 2100 CNR RNE, Las Mesas, "Servicios informativos" 22322

630 15/11 2000 B R. Cidade, Campos Sales/CE, mention to stn webpage 44444

630 15/11 2024 B R. Aperipê, Aracaju/SE, "Rádio Aperipê, a voz de Sergipe 22322

630 15/11 2100 B R. Difusora, Macapá/AP, id "ZYH422, 630 kHz..." 23332

630 15/11 2219 B R. Maracu, Viana/MA, adv px "Uma luz em sua vida" 33333

639 15/11 2200 E RNE, A Coruña, "Servicios informativos" 23332

640 15/11 2000 B R. Cruzeiro, Pedro II/PI, om "Toca tudo na Rádio Cruzeiro" 35343

640 18/11 0001 B R. Difusora, Goiânia/GO, px rlg, tc 25332

650 15/11 2000 B R. Alto Piranhas, Cajazeiras/PB, om "Aqui na Rádio Alto Piranhas..." 35433

650 16/11 0026 PRG R. Uno, Asunción, nx abt police operations 33333

650 18/11 0202 B Banda B Norte Pioneiro, Cambará/PR, id Banda B network 33333

657 16/11 0000 E RNE, Madrid, "Servicios informativos" 23222

657 16/11 2204 I RAI, Napoli, tlk abt emergency management 35333

660 15/11 1958 B R. Planalto, Euclides da Cunha/BA, om "Planalto, a nova força da comunicação nordestina" 44444

660 16/11 0016 B R. Clube, Ribeirão Preto/SP, adv Rede Band News 34433

660 16/11 2125 B R. Mundial, São Paulo/SP, om "Rádio Mundial, a rádio que toca sua vida" 33333

660 17/11 1955 B R. Xinguara, Xinguara/PA, adv "Fazenda Glória" 45444

660 18/11 0201 B R. Nova Friburgo, Nova Friburgo/RJ, om "Friburgo AM, aqui você tem o melhor" 22322

670 15/11 2111 B R. Cidade, Curitiba/PR, jingle "aqui na Rádio Cidade, a cidade em primeiro lugar" 33333

670 15/11 2359 B R. Cultura, Aracaju/SE, id "você está em sintonia com a ZYJ921..." 23322

680 15/11 1956 B R. Grande Rio, Petrolina/PE, adv "Colchões Globo" 44444

684 16/11 2155 E RNE, Sevilla, mx "In my heart", w/ Moby, om/yl SS 43443

690 15/11 2106 B R. Clube, Belém, end px "Cartaz esportivo" 55555

700 15/11 2109 B Nossa Rádio, São Paulo/SP, rlg mx 33443

700 15/11 0000 ARG R. Córdoba, Córdoba, om "está escuchando Radio Córdoba, 700 kHz..." 22332

710 15/11 2019 B R. Educadora, Conceição/PB, local adv 22332

710 15/11 2058 B R. Cancellia, Ituiutaba/MG, px "Emoção Sertaneja" 35343

710 15/11 2232 B R. Manhauçu, Manhauçu/MG, yl "Fique ligado, Manhauçu AM 710 kHz" 44444

710 18/11 0200 ARG R. Diez, Buenos Aires, nx abt Bolivia 22232

710 18/11 0202 ARG R. Nacional, Puerto Iguazu, NA, ID 44444

711 15/11 2010 MRC SNRT, Laâyoune, om tlk AA, regional mx 34443

720 15/11 2200 B R. Guaíba, Porto Alegre/RS, px "Correspondente Guaíba" 33443

720 16/11 0028 B R. Clube, Recife/PE, om "Ouça a Clube, a rádio que ouve você" 44444

730 15/11 2024 B R. Sagres, Goiânia/GO, adv "Unitintas" 34343

730 18/11 0000 PRG R. Cardinal, Asunción, px "Cardinal deportivo" 44444

738 15/11 2100 E RNE, Barcelona, "Servicios informativos" 34343

740 15/11 1955 B R. Sociedade, Salvador/BA, soccer match América x Vitória 55454

747 15/11 2105 E RNE, Cádiz, ann "un juguete, una ilusión" 44444

750 15/11 2115 B R. América, Belo Horizonte/MG, "Especial musical" px 34443

750 18/11 0202 B Jovem Pan, Brasília/DF, Jovem Pan network id 44444

750 15/11 2159 B R. Uirapuru, Fortaleza/CE, id "ZYH588, 760 kHz, Rádio Uirapuru AM" 45444

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### **Crew Team**

Ivan Dias: started to listen to shortwave in 1993, when a lot of international stations were still transmitting in Portuguese. In the following years, he started to listen to utility and FM stations. During the last year, he began to explore the medium wave band. After 26 years, he

confirmed 125 countries and supported some DXing clubs, including the now-defunct Worldwide Utility News Club and a DXer's group from his city, known as Regional DX.

He is a founding member of the Crew 15.61radio Listeners

His DXing activities are shared on YouTube, Instagram and Wordpress.

Martin Butera: is an Amateur Radio operator with more than 29 years of experience, and has participated in DXpeditions throughout South America, under the Argentine radio callsign LU9EFO and Brazilian callsign PT2ZDX.

He is one of the British DX Club (United Kingdom) collaborators and founder of the Brazilian CREW Radio Listeners', known as 15 point 61 (15.61). Martin is Argentinian, born in the city of Buenos Aires capital. He currently lives in Brasília DF, capital of Brazil.

He is also a journalist, documentary maker and founding member of Radio Atomika 106.1 MHz (Buenos Aires, Argentina).



Photo 072: Ivan Dias and Martin Butera, "Sítio Alegre" entrance, Dxcamp Marajó island, November 2019.



Photo 073: Ivan Dias, Martin Butera and his wife Ligia Katze, in charge of the photographs in this report (Dxcamp Marajó island, November 2019).

**See you on the next Dx camp, thanks for your attention, do not forget to periodically visit the official site of this activity where we will be loading and updating the logs of this Dxcamp that are still in process.**

**<https://dxcamp-marajo2019.blogspot.com/>**

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**Ivan Dias da Silva Junior & Martin Butera**

**(15.61 Crew founders)**

[ivan\\_sorocaba@yahoo.com.br](mailto:ivan_sorocaba@yahoo.com.br)

[martin\\_butera@yahoo.com.ar](mailto:martin_butera@yahoo.com.ar)

[crew15.61@gmail.com](mailto:crew15.61@gmail.com)



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