

LOGBOOK

Year: 2012

Season: January : February

Logbook pages scanned to jpg then combined into a pdf file using <http://smallpdf.com/>

Juan Corrin, January 2015

—Original Message—

From: Footleg <drfootleg@gmail.com>

To: Juan Corin <Uzueka@aol.com>

Sent: Tue, 10 Jan 2012 9:25

Subject: Ropes on Astradome

Hi Juan,

Having been looking at the Astradome endlessly while working on my panorama, I have wondered more and more about going up there to see what it is at the top. It would be good to add the details at the top to the resurvey with DistoX. Alistair went up the first rope and a bit last Summer to light the upper part of the shaft for my photo and the ropes seemed OK, but the maillons were looked rather rusty. If we were going to go up then it would make sense to replace the ropes with newer ones so that they remain safe for another 20 years. I think we are going to be taking in a drill anyway to look at other avens, so it makes sense to sort out and corroded bolts at the same time. I wanted to get your thoughts on this plan. We would need enough new rope to replace the lengths that are on there of course.

Footleg

On 10 January 2012 14:39, Juan Corin <uzueka@aol.com> wrote:

To be blunt - I think this is a distraction from your main aim out here (apart from enjoying yourself!) - to produce a "complete" resurvey of the 4 Valley System presumably within a reasonable time frame. There's still a huge amount of main line passage to resurvey here and in Carcavueso and there's bound to be lots more found. If the urge is still there after ? years then the option would still exist. Keep your drills for the "new" avens you're coming across.

I don't think we can justify putting in new ropes while there's wide open passage and possible leads.

It's entirely up to you, of course, you could pay for the rigging! Or have a special trip where the aven is rigged and derigged.

And, as always, I'm always up for changing my mind.

Cheers

Juan

I'm more thinking along the lines of how many years after the bolts and hangers are placed should we still trust them? They look serviceable now (18 years in place?), but will they be in another 10 years? We could of course just nip up and take a look around, but that does not leave the option to do so open to future explorers once the rigging starts to deteriorate.

What I am primarily interested in is seeing how the passage development (however little of it there is up there) trends with respect to other developments up the other avens in the area. That could be of interest. Why does the Astradome drop straight down for 100m without any horizontal development when other avens in the area all appear to be coming in from a height of 30-50m?

I realise there is a lot of other work to do in there, but I will most likely be in my 50s before I finish the main known passages and by then I might not feel like doing the more adventurous things that I could do now!

Footleg

2

You could always make it a 2 or 3 trip project - but any Matienzo ropes would need to be retrieved. The passages at the top weren't surveyed so the "fault" or passage direction is unknown - but I've attached the relevant logbook pages.

Cheers

Juan

Thanks. Interesting reading. It also got me thinking about the mysterious 'Astradome II' survey notes that I had attached to the Astradome in the Uzueka file (At the bottom of the pitch just to see where they lay). Now I have explored more of the system I recognised them immediately as the aven off the Near Stomps shortly before Gour Inlet. In fact I was drawing up that data resurveyed in 2010 by Paul Dold and myself just today! I had not recognised it before partly because half the legs were along the main Near Stomps passage to tie it into a landmark stal. Now it is duplicate data I've removed it from the survey. I also added a 102.5m vertical leg to represent the Astradome itself. Those changes together shorten the cave by 54m overall.

It was apparent with the top of the Astradome now marked on the survex centreline model how close it is to the top of the 50m Aven Paul et al found last Summer. In fact their new aven disto leg tops out just 14m lower than the top of the Astradome (and there are some Zeds missing from the main line between the two so there may be more of a drop between the Astradome base and where it comes on the survey just now. So maybe there is a level of development at the top of both and we can dig through to the top of the Astradome from that aven.

Footleg

On 10 January 2012 17:42, Juan Corrin <uzueka@aol.com> wrote:

OK

Length of 4VS is now $54510 - 54 = 54456\text{m}$

Can you send the latest 3d file?

The 50m aven sounds very interesting - much better to get to the top of the Astradome that way - new passage!

This was a very quick edit, but I think it is sound. New Uzueka file attached. I just stuck a 102.5m vertical leg on the end of the Astradome data. That data itself is 'made up' data of the printed survey, although I have now identified the real original survey data among the scanned notes. So I could fix that in due course too. The tops of the avens are about 300m apart, so it could be quite feasible to connect them at Easter if we can get the bolting done. Sounds like a project!

Footleg

27th January 2012 : Torca CEZ, site 3603

Peter, Juan and Terry down Torca CEZ in the Mortiro depression with the agreement of the AEC Lobetum through Enrique Valero. EV had sent some survey details (compass to 5deg, no clino) of the 2.3km cave which apparently comes close to Coverón, at the its south and south-eastern sides.

Two short pitches (p5 and p4) lead into a nice series of phreatic passages with formations, domes and mazes. Following instructions from Enrique and the surveys we explored to some of the far ends, often draughting. One, at the northeast side, ends at a p4 down to a calcited p6? with water which may not have been pushed. Another had a strong draught coming through an easy dig. It takes perhaps 20 minutes to get to any extremity in the cave – the maze sections must be quite extensive to total 2.3km.

On the way out Juan videoed while Pete and Terry surveyed from "CEZ Chamber" to the entrance. This showed that the Cuencans' survey between these points had an error of over 4% (18 or so stations). The whole cave should be resurveyed along with Coverón.

It would be nice to do this with the AEC Lobetum as both caves are in their area!

There are 2 main resurgences into the depression base and at least one a short distance up the hill side below the entrance to CEZ. A dye test from Coverón and one within CEZ may be a future project perhaps showing that the Coverón stream resurges at the eastern spring and the CEZ (yet to be discovered) system resurges on the western side.

- > Date: Thu, 9 Feb 2012 01:56:04 -0800
- > Subject: Vallina Tejuelo etc
- > From: alasdairmeill@yahoo.co.uk
- > To: matienzocaves@googlegroups.com
- >
- > After the trip in Vallina last summer with the Dingles, Rachel etc.
- > the Catalans said they might go back there in November. Does anyone
- > know if they made it?
- > Otherwise it might be worth another trip at Easter.
- >
- > Looking at the French blog
- > http://cuevasdelason.canalblog.com/archives/informations_noticias/index.html
- > they show a postulated link from Tejuelo to Molino. The map showing
- > that & the Matienzo caves could also suggest Tejuelo is or has been
- > just a little inlet into Renada/Matienzo, perhaps?

From: L Mills <mariverde@msn.com>
To: matienzocaves <matienzocaves@googlegroups.com>
Subject: RE: Vallina Tejuelo etc
Date: Thu, 9 Feb 2012 11:52

I also have been following the cuevasdelason.canalblog.com. It's not the easiest site to navigate (not as good as Matienzo Caves!), and it's not as up to date but it does have interesting indications of what is going on in the Meira-Tejuelo area. My own thoughts for what they are worth, is that we are looking at a regional integrated cave system of extreme size.

Is it too simplistic to think that all the water from the tops above the Ason and Meira valleys has in the past seen considerably greater flows (glaciation at these levels). The water has found its way north and taken every route it could to reach sea level.

It was always thought that the Ason as it cut back from Ramales captured some of this drainage and in doing so removed some of the cave passages heading North. This has left remnants at levels well above the present river levels a good example would be Canyueta on the South side of the Busablado valley and Vallina / Renada on the North side. Surely these must have been part of the same system heading North. →

(4)
The present resurgence for Cayuela, Cobriamente, is lower and much younger than the old level between Cayuela and Vallina. The french work in Orcones is indicating that there may well be an extensive phreas below the top end of the Bustablado Valley. Molino could be a spill over from this mega phreas and could be fed by present drainage from Tejuelo, Vallina and other stuff over towards the Meira. The main flow may not be going there though and may be going to Aguanaz.

All this is speculation as no dye tests have been carried out as far as I know. The Cayuela, Cobriamente connection has been proved though.

This is of course only considering where the water goes now.

Ali says is the old flow path an "inlet to Matienzo" my thoughts would be yes and to all the caves we already know about to the North also. Renada Vallina Mustajo, Regaton, Toad, Emboscados and all the other bits at this higher level were probably integrated in this South North drainage from the South.

If we move to the NW, and where I think a lot of the present day drainage goes now, Aguanaz, there is not now the thickness of Limestone to support these higher level caves and they have been eroded. What I think we have left in that area (Cobadal, Coimbre) are the lower level younger "Vadose" remnants. This of course doesn't mean there are not long caves to find in that area but the lower we go the smaller they may be.

Ways into the bigger stuff (if the theory is right) might be Hoyon, back end of Toad (that's a thought!) Vaca, Encaramada, Tejuelo and associated big caves and the new cave at Coimbre.

There are a number of dye-tests which would answer some of the questions about present flows but they could be quite hard to carry out and need lots of "dye".

The french are obviously working on the area round Orcones, not much detail on the dives but they seem to have made considerable progress towards Molino, what about the other direction?

I think there is evidence for these thoughts in the NW and plenty of speculation about the Fresnodo, Torno, Uzueka, LLiano, Riano, Vaca set up(another integrated system or part of the same?, to keep us going for a while.

Lets have some comments . Lank

From: harry long <strans@hotmail.co.uk>

To: matienzocaves <matienzocaves@googlegroups.com>

Subject: RE: Vallina Tejuelo etc

Date: Thu, 9 Feb 2012 16:27

Many of Lank's comments were stated in, perhaps, slightly different ways in various bits of the thread which ran in March, 2009. More recent discoveries (French and British) have only served to strengthen some of the views expressed then. Indeed, I suggested that people ought to be thinking on the lines of a huge regional system and this seems ever more likely to be the case.

Water flowing northwards from the Upper Ason (and, possibly, the Miera) would have had the potential to have drained to numerous resurgences at different times - again, with the possibility of spilling from various risings at high stage as is now being suggested for Molino. The greatest overall hydraulic gradient would always have been from south to north and valley floor lowering over time would have truncated some parts of the system and also allowed deepening of the caves to give levels of development at successively lower altitudes.

As some indication of what is being suggested, think of the size of the valley running from Riano down to Hornedo and ask yourself where the water came from to form it. There is really only one logical conclusion and that is from various active stream caves, combined with the fact that unroofing of certain major east-west flowing stretches of passage could have helped the process considerably. There is very little high ground at the head of the valley to provide a large surface catchment area - only, currently, steep slopes dropping from relatively narrow ridges and cols although, obviously, these will have reduced in size with time.

→

Caves such as Vaca, Encaramada and Nabo were possibly all major inlets to this set up and may still have, as yet, undiscovered links between them. The surface channel from the entrance to The Cave of the Wild Mare is not yet graded to the main river channel suggesting that the cave, through the very immature bedding passages beneath the main passage floor, is still trying to adjust to the present valley floor although much of the former flow through the cave (and Vaca) is probably now being captured by passages draining to Aguanaz, except at times of high stage.

Obviously, a very large programme of dye testing would provide answers to some of the questions now being raised. This would require considerable thought, time and money but after 50 years of exploration our knowledge of current drainage routes is fairly abysmal! The right dye tests - positive and negative - would help define the present drainage and would, perhaps, help in our understanding of earlier flow patterns.

Harry

From: Juan <juancorrin@matienzo.org.uk>
To: Matienzo Caves <matienzocaves@googlegroups.com>
Subject: Re: Vallina Tejuelo etc
Date: Thu, 9 Feb 2012 17:41

The thread for earlier discussion (March 2009) which Harry mentions is
https://groups.google.com/group/matienzocaves/browse_thread/thread/874f67fae54dc37b?hl=en#
(The first few posts are about "Uzueka: Sima Baz")

On 10 February 2012 08:43, Carmen Smith <nuclear@omicbomb1.fsnet.co.uk> wrote:

Mmm , interesting. If you rotate old sima baz 180 degrees it looks like new sima baz. On the old sima baz it even shows dotted passage going of on the right where the new sima baz was entered from by us . Im thinking old route was partly down the "new sima baz" 20m aven, then goes across, above where we entered, then straight down another 6.5m drop to get to where we enter - Its hard to explain via email - im probably way wrong but the resemblences are uncanny.

Date: Fri, 10 Feb 2012 16:23

Hi Carmen,

That theory was also proposed by Dave Bell in an email which I now see was not sent to the list. See below. This does make a lot of sense and would also explain why the streamway in the original Sima Baz was shown to flow the opposite way to the new one.

-Footleg

On 13 July 2011 00:19, David Bell <david.bell@blueyonder.co.uk> wrote:

I've been looking at the re-drawn Uzueka survey again, and I've had a thought.
We have two issues: the original survey shows the original Sima Baz water flowing in the opposite direction to the correct direction, and the passages don't match.
Try this:
Assume that the original exploration got to P9 down, and had to stop - end of a survey data set ?
Assume that this corresponds to the +20m aven in the new survey, i.e. the original entry passage popped out into the aven.



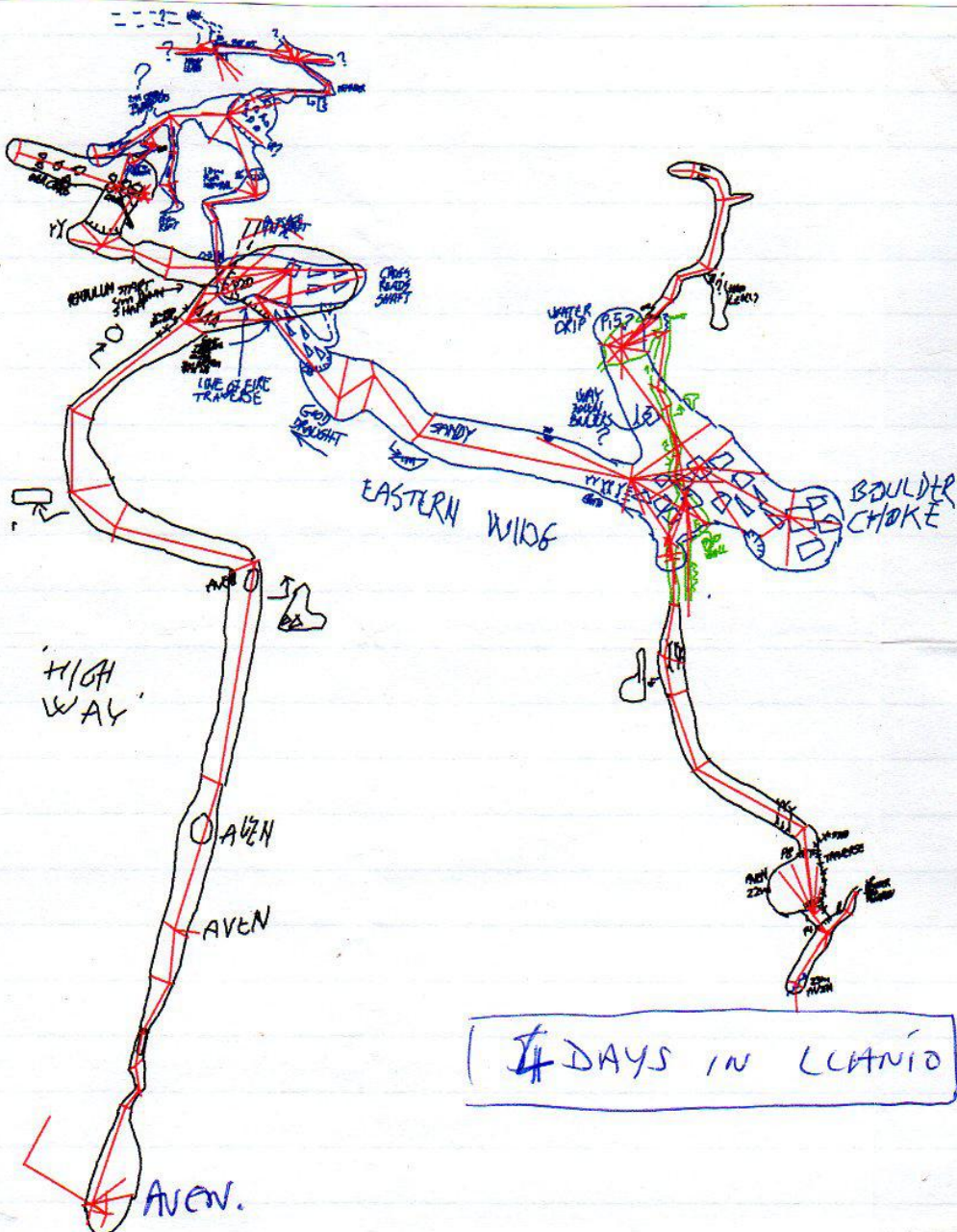
Take the original survey from P9 onwards, and rotate it through 180° - either because the tracing paper got rotated, or because the compass readings were taken incorrectly or entered incorrectly.

See what that does ... pretty good match - less than 20m out.

Clearly we won't know for sure until we re-survey the loop through the flat out squeeze, but it may help to explain the current errors.

on 13 July 2011 09:39, Footleg <drfootleg@gmail.com> wrote:
Hi Dave,

That does look like a very good fit. But there is one thing that does not work, and that is the 6.5m vertical leg down just before the passage below the 9m pitch emerges into the Sima Baz streamway. On the survey data from Easter 2011 the streamway is at the same level as this approach passage. Without the 6.5m drop on the old survey then the Old Sima Baz streamway would be 6.5m higher than the new one, so it looks like that drop is correct. But then it spoils what otherwise looks like a near perfect fit for the old and new surveys. I hope we will find the definitive answer this Summer. Maybe there will be a passage 6.5m above the one on the new survey that then drops into that level at the 6.5m drop?



January 31st - February 4th 4 Danes: Stig Pallesen (first time Matienzo), Bjarne Buchardt, Peter Fast, Torben Redder

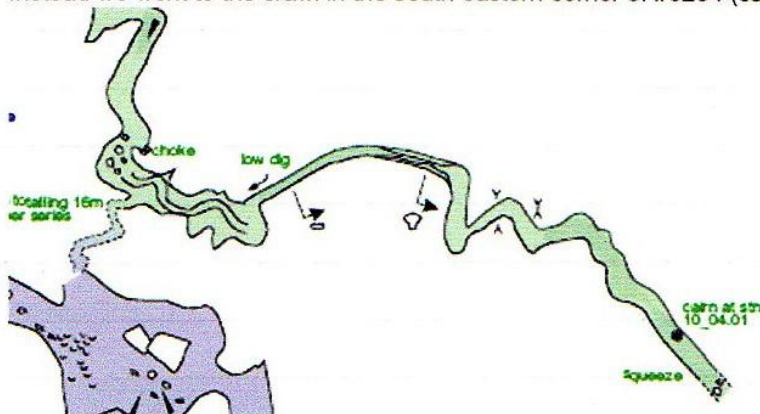
#3234 January 31: Continuing exploration from october 2011.

Description of West Wing passage:

At Cross Roads Shaft, West Wing passage is entered by descending about 10m in Cross Roads Shaft and doing a pendulum, followed by climbing a 2m gravel wall. Nice sandy floor similar to Eastern Wing. After about 15m it turns N and after 5m into a boulder choke/rift. A narrow rift heads back into Cross Roads Shaft. Climbing up the choke/rift leads to walking size passage on a boulder floor heading west for 12m and ends. At top of choke the passage leads back into Cross Roads Shaft.

February 1 A rainy day turned the aven up to Highway into a water fall.

Instead we went to the crawl in the south eastern corner of #3234 (cairn 10_04.01, numbered station 1):



Progress about 2 meters.

Description of crawl/dig:

The floor is sandy and easy to dig. Hammer and chisel is useful for thin calcite in floor. Can see about 2 meters into passage (20cm high and 1m wide). There was a slight draught towards us. It is a flat out crawl with good potential :-)

February 2+3 Traversing into Eastern Wing to explore the

shaft just 8m SE from grotto in Eastern Wing (Name of shaft: Eels shaft).

Description from top of Eels shaft (P13+P5):

Anchor: 2 studs on wall, rope up over boulder into shaft, and one stud to free hang, P13. P13 ends 2m below a 1m choke stone, there is one stud for the next p5 slope. At end of P13 a crawl S through Eels Grotto leads into walking size passage past Eels Mouth and into the 6m wide Eels Aven (22m up and 8m down). 8 studs put on traverse into passage across the aven. The only 2m long passage drops 4m into meander/aven (22m up) with no way on. In Eels aven there could be a passage 6m above middle of traverse, but may end as an aven.

In Eels shaft the P5 (after the P13) leads into bottom of Eels shaft. At bottom a smaller meander stream comes in from S (not pushed). Possible passage on wall above meander. Towards N the meander continues towards 4m wide chamber just below P15. From chamber a c+2 leads into walking size passage with muddy floor, heading N and ends in mud choke. There may be higher levels (needs bolting) or it may only be a meandering roof. The small meander stream continues past the chamber towards N (not pushed).

February 4 Two hour tourist trip into **#0075 Picon** (draughting in) and a look at **#2167 Franks** cave entrance (draughting out, same direction as in hot weather)

Pictures in #3234:

- 4878-4882: From West Wing looking into Cross Roads Shaft 02-06
- 4884: Formation in West Wing. 4887: Climb up into West Wing 07-08
- 4907: p5 into bottom of Eels shaft. 4910-4913: Eels grotto 09-10 → 12
- 4917: Look from Eels mouth across Eels aven. 4927: Prepared for ascending a wet aven 13,14.
- 4943-4947: Eastern Wing 15-19

Torben Redder, 15 feb 2012

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From: Terry Whitaker <t.whitaker1@btinternet.com>

To: Juan Corrin <uzueka@aol.com>

Subject: Re: 4 Valleys Hydrology

Date: Sun, 19 Feb 2012 15:49

Hi Juan

I plan to produce 2 other diagrammes as well as the entrance series

Lueva 2 + 1 + Boyonnes

Volvo Hole in the Road Western Series to Carcaveuso Including the afternoon Stroll)

It is impossible to fit the data into one diagram even at A3 but an additional overview diagramme might be the best idea

Lueva 2 is the destination of all the water from Hoyuka but other parts of Lueva 2 conduct that water to join with the also complicated linkages of the Carcaveuso water elsewhere in Lueva 2

Carcaveuso water enters near the Severs of Doom straight from the Carcaveuso 1

sdownstream sump and is finally seen entering another sump in Lueva 2 at the far end of

Strangle Wanking passage where the water from the Catacombs downstream sump joins it.

(the Catacombs are where the Uzueka water emerges from an upstream sump after the Uzueka-Lueva choke link and flows to a downstream sump. These are marked on the new survey of 107 but are unnamed.

Following belated comment by Pete I plan to marginally alter the 2nd River inlet/Riano connection to a more accurate depiction.

So hold off for a week and I will send you an update of the Hoyuca diagramme

From: Footleg <drfootleg@gmail.com>

To: matienzocaves <matienzocaves@googlegroups.com>

Subject: Re: JanuaryFebruary update

Date: Sun, 19 Feb 2012 22:37

Some feedback on the draft of the hydrology of Hoyuca, which is excellent by the way. As shown on the pdf, the water flowing along the Gorilla Walk passes Windy Inlet and then flows off into a sump on the right. But from this point on in the main passage the current flow direction for water is back towards this sump. So the inlet from Castanas actually then flows back towards the Gorilla Walk and not on towards the Near Stomps as might be expected. The watershed is just before the phreatic zone where the flow direction changes again towards Near Stomps as would be expected (so Zoological Gardens flows towards the Near Stomps). From observing water levels in the streams, I do not believe the water flowing into the sump just after Windy Inlet emerges anywhere in the Near Stomps. Nearly all the water flowing along Near Stomps comes from an inlet on the left (as facing into the system) just after 2nd River Inlet. This always appears to flow well even in dry conditions, and I do not believe this water comes from Riano. The 2nd River Inlet from Riano is a very minor inlet in terms of water flow, and the higher flow level seen in the main feeder to Near Stomps is not seen in the far end of Riano. We have tried to push this main feeder, but it comes out of a large boulder collapse although there is a dig over the top we have not pushed yet but which shows promise. The draft pdf marks 2nd River Inlet as 'dry', but is usually has a small flow even in dry conditions. I have never seen it completely dry.

Carrying on downstream in the Near Stomps there is an inlet on the left before Gour Inlet where the water coming down Hidden Aven enters the main stream. Then once into the Far Stomps I have not spotted any inlets at all apart from the one shown on the survey on the right hand side (labelled as ending where false floor divides passage). So any water coming from the NW would be more likely to enter the system via several inlets dropping down pitches into the La Playa area, including the Astradome.

20/02/2012

Re: January February update

From: tony.radmall <tony.radmall@tiscali.co.uk>

To: matienzocaves <matienzocaves@googlegroups.com>

Subject: Re: January February update

Date: Mon, 20 Feb 2012 10:30

Footleg, I can tell you 2nd river inlet riano side last august was bone dry.
not sure that is of any use to you
badger

From: Terry Whitaker <t.whitaker1@btinternet.com>

To: matienzocaves <matienzocaves@googlegroups.com>

Subject: Re: January February update

Date: Mon, 20 Feb 2012 11:19

Thanks Footleg

The redrawing of the Hoyuca survey etc. is great and a big step forward.

I had already intend to amend the diagramme following discussion with Pete Smith about the Riano Connection. I will try to incorporate your observations as well.

I am trying to draw up a detailed diagramme of the Hoyuca entrance series but finding it a rather difficult process as the streams all play hide and seek. Carmen & Dave Bell noted the passage below the Sima Baz climb was shown on the original survey to flow east to west I had noticed this and mentioned to Juan this was possibly unlikely and the redrawing now shows it flowing west to east. Am I OK to assume this is correct?

I plan to produce 2 other diagrammes as well as the Hoyuca entrance series; These will link to the Hoyuca-Riano Diagramme.

Lueva 2 + 1 + Boyonnes

Volvo, Hole in the Road, Western Series to Carcaveuso Including the afternoon Stroll.

In addition I will correspond with you privately about the names of some passages in Lueva 2 & Carcaveuso which are not given on the original paper survey and will need to be added when the Hoyuca-Lueva- Carcaveuso map is redrawn

From: L Mills <mariverde@msn.com>

To: matienzocaves <matienzocaves@googlegroups.com>

Subject: RE: January February update

Date: Mon, 20 Feb 2012 14:53

I go with the flow! I agree that the "stream" going into Second River Inlet from Riano side can be very small if anything at all. The strong draft is enough to evaporate any flow at times and make the water in the crawl very cold. I remember this being mentioned on the first trip through.

I also agree that there is a considerably bigger flow from the inlet under the boulder choke on the left (going downstream) mentioned by Terry and Footleg. Maybe someone gives this inlet a name!



It was always thought that something peculiar was going on in this area. Up and Down and The Caravan Choke near Second River Inlet seem too big for the size of the downstream passage which breaks into the Near Stomps.

Maybe this indicates a considerable amount of passage off to the North again, Tomo, Fresnedo area, paralleling Gour Inlet?

The stuff that was looked at off The Acid Baths, even 10m?, and the Caravan Choke and the Near Stomps passage above "The Inlet mentioned above". Footleg has indicated that there might be some potential there.

Also, not to forget that these two inlets head into the main cave, Far Stomps etc to resurge at Boyones. Inside Riano nearly all the water flows West from the Swirl Domes, Double Barrel Passage and The Tomo Inlet to the Riano Resurgence and through Espada on the surface to join with water from Vaca and to the sea. An interesting watershed within the Riano cave.

We did do some dye testing in the near entrance series of Hoyuca the other year if you haven't picked up the results Terry they are available.

From: Juan <juancorin@matienzo.org.uk>

To: Matienzo Caves <matienzocaves@googlegroups.com>

Subject: Re: January February update

Date: Mon, 20 Feb 2012 15:29

On Feb 20, 2:53 pm, L Mills <marive...@msn.com> wrote: "We did do some dye testing in the near entrance series of Hoyuca the other year if you haven't picked up the results Terry they are available."

From Hoyuca description " Opposite the 4m pitch up, a stream issues from a sump and flows along Quadraphenia for 50m. (This stream was dye tested at Easter 2009. Dye dropped into the sink below Fuente de la Cuvia was seen here 30 hours later.) Site 2857.

And also 2 logbook entries for 9/4/2009

From: Phil Papard <papard@easynet.co.uk>

To: 'Juan Corrin' <uzueka@aol.com>

Subject: RE: RE: Matienzo

Date: Tue, 28 Feb 2012 20:52

Juan

I will sort our some text for log book in next day or so. We spent 3 days at 1438, good progress with choke stabilised (use of 4 Spanish Acro type props cut up and used as scaffolding etc) open bedding left as entrance to it needs some digging but mainly to allow possible stabilisation after snapper removal of rock. Will continue in the summer.

One day at Honey Moon Pot - removed the block that had moved, plus a bit more that then came unstable. More work needed to remove broken rock and a large rock that is now across the next pitch. But first the mud/rock slope at the point you were at when the rock moved needs securing with a stemple, as the rock below holding it up is like a children's brick tower! I think a day's work, but could do with four people, two at top and two working below. The good news is that the corkscrew tight (ish) section is no more.

11/1

Hi Juan.

Seems we got the grid reference wrong, it is where the small triangle is on attached map file just east of 3006. Nearest reference on SIGPAC is 446846 4801590.

446743 4801590 SE.
39 388

Took your advice about Google Earth & the thing working ok, thanks.
Cheers John.

6279 446846 4801597

To: direct.station.limited@hotmail.co.uk

Subject: Matienzo site 3605

From: uzueka@aol.com

Date: Tue, 6 Mar 2012 07:30:11 -0500

Hi John

The pdf map 27/1/2012 has site 3605 on it, but it may not be in the correct place - is the grid reference correct?

Screen shot of the position is attached, more or less in the middle.

Cheers

Juan

28th March 2012

Juan and Penny out along the track on the east side of Muela / Mullir. A 7 mile hike with not a lot of cave to show for it.

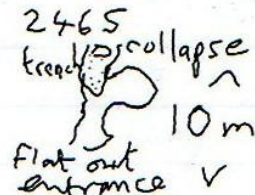
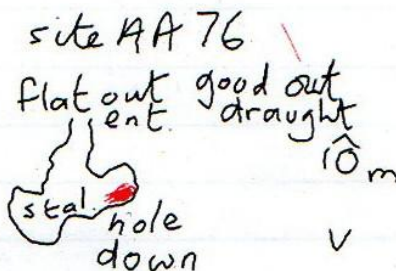
Site 3504, marked AA76. Entrance had a good cold draught out on a hot day but draught was lost inside the cave. Crawled in to a stand up area with stal slope up and down. On the right of the down-slope is a hole that has obviously been capped. A small person might fit down and the hole opens up into a chamber below. The site may still be worked by the Colindres Ademco group. 15m long. Photos taken.

Site 3143 Photo of entrance.

Site 3618 From highest point on the track, a long walk downhill took us past Red Stripe Hole, site 3618: a small, 2m long shelter with stal at the entrance stained red. Photo.

Site 2465 Eventually reached this hole which is now obscured by a small, fallen tree. However, the GPS position taken 6 years ago was spot on. A flat-out crawl enters a small chamber with stal to the right and a trench to the left which is immediately blocked by a large rock. Photos taken.

On the way back, took photo of the entrance to **site 3392**.



3618 GPS 30T 045246
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MATIENZO CAVES PROJECT