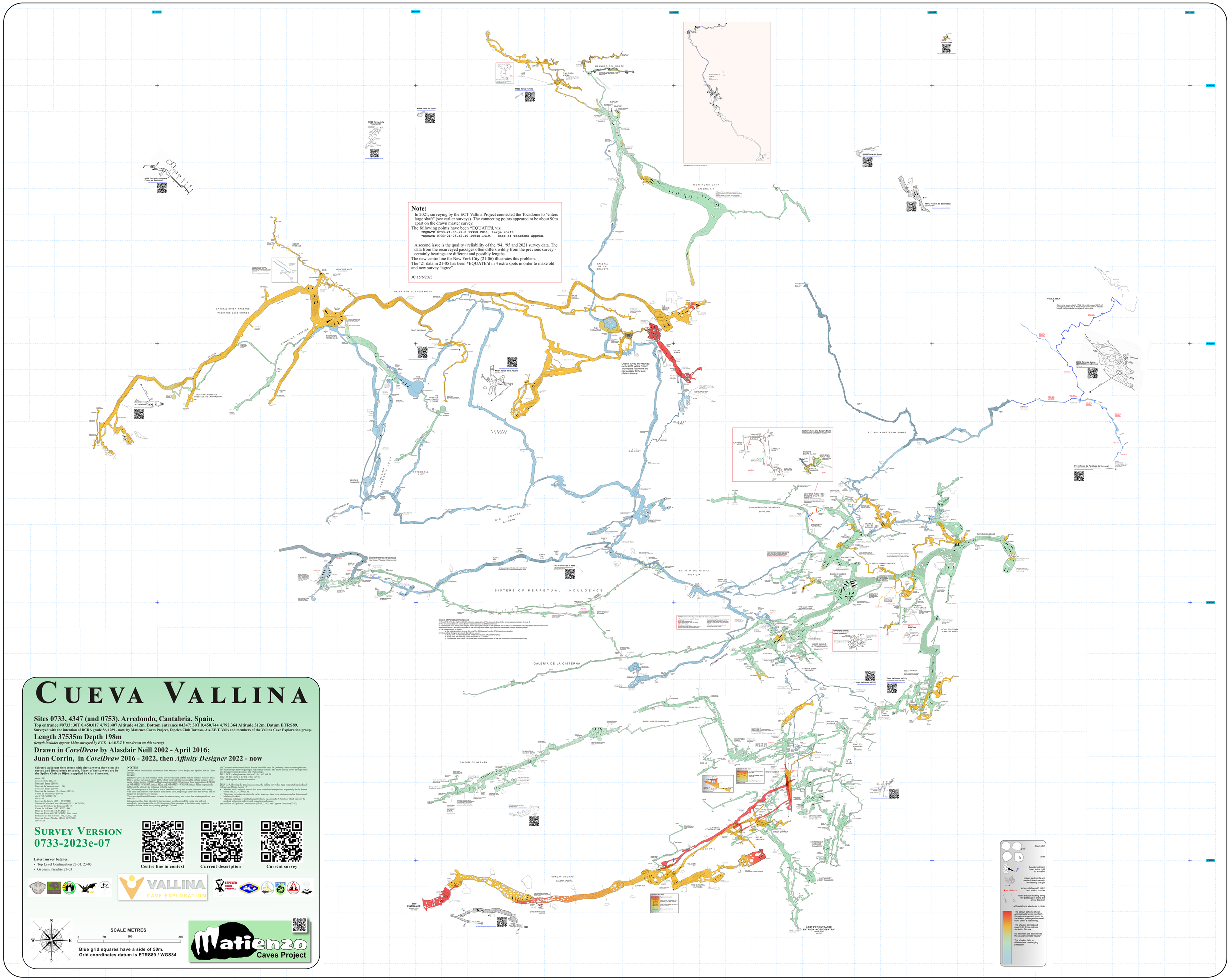

CUEVA VALLINA

Sites 0733, 4347 (and 0753). Arredondo, Cantabria, Spain.

Top entrance #0733: 30T 0.450.017 4.792.407 Altitude 412m. Bottom entrance #4347: 30T 0.450.744 4.792.364 Altitude 312m. Datum ETRS89.
Surveyed with the intention of BCRA grade 5c, 1989 - now, by Matienzo Caves Project, Espeleo Club Tortosa, A.A.E.E.T. Valls and members of the Vallina Cave Exploration group.

Length 37535m Depth 198m

(length includes approx 135m surveyed by ECT, AA.EE.E.T.V not drawn on this survey)

Drawn in *CorelDraw* by Alasdair Neill 2002 - April 2016;
Juan Corrin, in *CorelDraw* 2016 - 2022, then *Affinity Designer* 2022 - now

Selected adjacent sites (some with site surveys) shown on the survey and listed north to south. Many of the surveys are by the Spéléo Club de Dijon, supplied by Guy Simonnot.

shaft 2595
Torca Tortilla (1333)
Torca del Zorro (0684)
Torca de la Vacunación (1128)
Torca del Sonso (0949)
Torca de la Junquera (Arcillera) (0055)
Cueva de Escandalejo (0843)
sits 1755 (SCD0175)
sits 1757
Torca de la Asturia (1751, SCD2511)
Torcon de Mazea (Cueva Bermeo)(0032, SCD2004)
Torca de Tarlea Noches (4348, SCD2106)
Cueva de la Rana (1515, SCD1148)
Hoyo de Rotura (0752, SCD2014)
Sumidero de Tarlea Noches (0751) to come
Sumidero de los Hierros (1350, SCD2512)
Torca de Tarlea Noches (4348, SCD2106)
cave 1823

SURVEY VERSION 0733-2023e-07

Latest survey batches:
- Top Level Continuation 23-01, 23-03
- Gypsum Paradise 23-03

Centre line in context | Current description | Current survey

NOTES

2010.01 Other sites include information from Matienzo Caves Project and Spéléo Club de Dijon surveys.
2010.02
In earlier 2010s, the top entrance on the survey was fixed and the bottom entrance was not fixed. Due to surface surveys at Easter 2010, which were tied into topographic surface features from aerial photos, the top (#0733) and bottom entrances (#4347) are now fixed using datum ETRS89 (WGS84 is identical at this level of accuracy). The 0733/4347 ETRS84 altitudes 312m respectively (although the altitudes do not agree with the map!).
(b) The consequence is that there is now a loop between top and bottom entrances and, along the passage, the survey drifts further north in the *.svx, the passage centre line has moved and has longer fits the drawn cave survey.
There are significant differences between the drawn survey and centre line station positions - see above.
(c) A decision has been taken to fit new passages locally around the centre line and not completely move/redraw the pre-2010 passages. New passages in the future may require a complete redraw of the survey/ survey prefixes. Tiresome.

(d) The stand-alone centre line in Survex should be used for (probably) more accurate positions and relationships between passages and surface features. The drawn survey shows passage detail and is the current working/ editing/ presentation version.
2021 18 T.S at explorations batches 21-01, -02, -03, 04.
(a) 21-05 has a note at the top of this survey.
(b) 21-06 Requires further information.

2023 (a) Addressing the precious concerns, the Vallina survey has been completely revised and redrawn in *Affinity Designer* v.2.
- Alasdair Neill's original artwork has been extract and manipulated to generally fit the Survex centre line. Not all fits well.
- There may be instances where the earlier drawings have been misinterpreted or features and labels overlooked.
- Some 'minor' inaccuracies of conflicting centre lines, e.g. around *PN Junction*, which can only be resolved with more underground inspection and survey.
(b) Additions of *Top Level Continuation* (23-01, 23-03) and *Gypsum Paradise* (23-02).

SCALE METRES
0 50 100 200

Blue grid squares have a side of 50m.
Grid coordinates datum is ETRS89 / WGS84

Matienzo Caves Project