

SISTEMA SAC ACTUN EXPLORATION HISTORY

- The original exploration of this fragile system began in 1967 by James Cook IV setting the stage for all that was to follow.
- In 1982 Jim and Tom Young produced and published the original copyrighted map documenting 14,300 feet of some of the most breath taking water filled cave visited by cave divers.
- The early to mid 1980's resulted in further exploration efforts expanding Sistema Sac Actun to over double its original size.
- The Kuba Cenote in downtown Sac Actun was discovered by James Cook IV in November 1988. In May 1993, Dan Lins successfully penetrated the "Twiner Restriction" and continued leading exploration efforts of the downstream side.
- By 1999 Sac Actun was being explored from the furthest upstream reaches and the downstream side.
- A connection from the upstream Calimba section to Paso de Los Pozos was made on April 11 1999 by Dan Lins and Bill A. Phillips bringing Sac Actun to its current size of 56,034 feet.
- Many additional explorers have made considerable contributions and are listed and recognized in the "Section Headers".

- In 1998 an exploration project in Sistema Naval was conducted by Dan Lins, Bill Madden, Andrew Matthes and Chuck Stevens. The "Road to Sac" was discovered by Chuck Stevens and Dan Lins in December of 1998.
- Discovery of the "Trip Door" (furthest upstream Sistema Sac Actun) was made by Bill Phillips and Daniel Riordan on May 22 1997 resulting in 7,665 feet of new cave.
- On March 12 1998 "Lithium Sunset" opened its entrance to Bill A. Phillips.
- During March and April 1998 Daniel Riordan revealed and explored the "Hour Glass" section.
- On March 13 1999 the long sought after connection of Sac Actun and Sistema Naval was made by Dan Lins and Bill A. Phillips bringing Sac Actun to its current size of 56,034 feet.
- Many additional explorers have made considerable contributions and are listed and recognized in the "Section Headers".

THE QRSS HAS ARCHIVED SURVEY DATA SINCE, AND CONTINUES TO UPDATE ITS SURVEY DATA BANKS ON EXPLORATION IN THE STATE OF QUINTANA ROO, MEXICO. THE QRSS INVITES ALL CAVE EXPLORERS TO CONTRIBUTE. FOR THE PRESERVATION, OF EXPLORATION, HISTORY, AND CONSERVATION, OR LEARN MORE, PLEASE CONTACT THE QRSS.

SISTEMA SAC ACTUN

TULUM, QUINTANA ROO
MEXICO

20° 14' 44.4" N LATITUDE 87° 27' 50.9" W LONGITUDE

TOTAL SURVEYED CAVE PASSAGE
56,034 FEET / 17,084 METERS

TAKE ONLY MEMORIES, LEAVE JUST BUBBLES, KILL NOTHING BUT TIME

CENOTE DIVERS

Please don't enter the Cavern Zone without a qualified guide. Remember that any problems that may occur, will require you swim back to the surface. Due to the cavern calling you will not be able to execute a vertical ascent. Stay within natural day light: It is your best reference to the exit. Becoming disoriented and not being able to find the exit, is the greatest hazard of cavern diving. Please insure that your guide is qualified to take you into this unique environment.

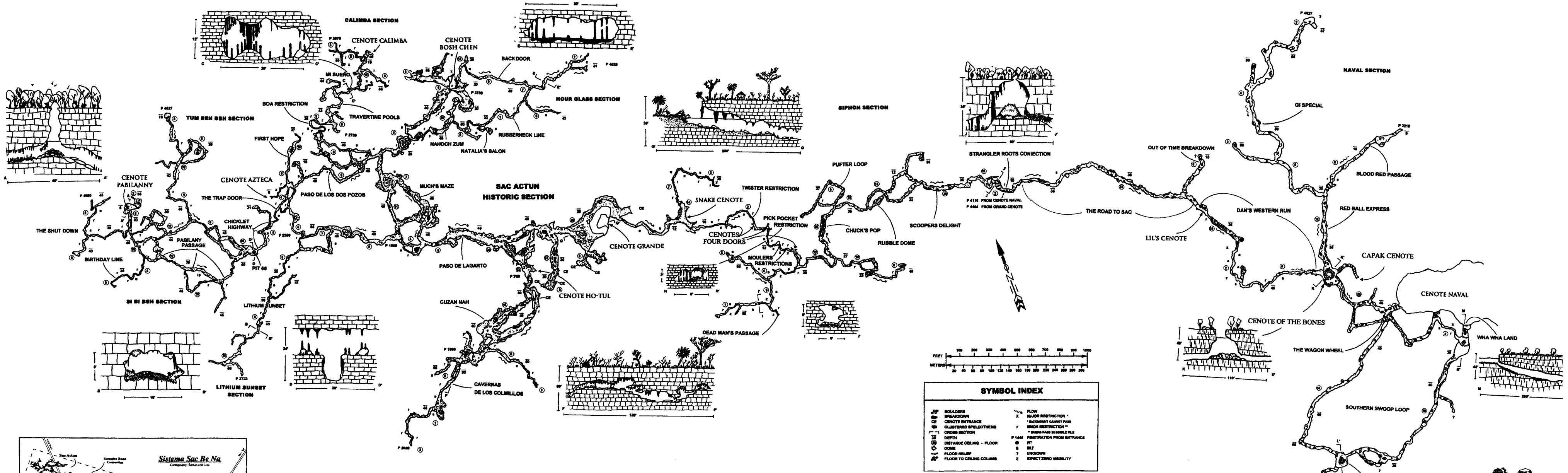
CAVE DIVERS

The considerations of other dive teams and practice safe cave diving procedures. Plan your dives with conservation and conservation in mind. Avoid any physical contact with the cave. Use discretion based on the weakest member in the team. Please remember that using extended range equipment will impact your impact on the cave. Ensure that you have a continuous guideline and reference to your exit. Remain close to the guidelines at all times. Enhance your own safety and practice proper conservation procedures by minimizing impact in the pristine areas away from the guideline. It is illegal to remove speleothems or alter the cave in any way.

CENOTE GUIDES

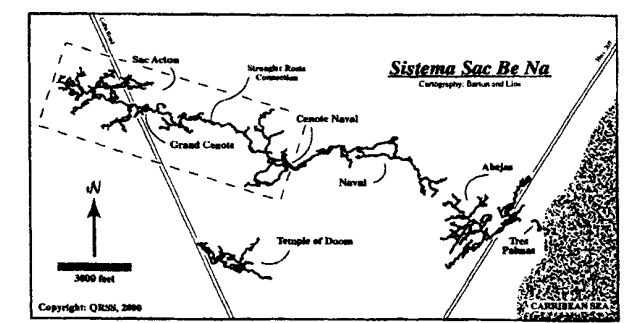
Cenote guides are dive masters or instructors who have completed a Full Cave Course. Qualified guides use double tanks, regulators and safety lines. They tour no more than 4 divers at a time. They do a detailed dive briefing that includes, safety procedures, swimming techniques, communications, and equipment modifications for cavern diving.

THE ORIGINAL EXPLORERS ASK THAT YOU HELP PRESERVE EXPLORATION AND SURVEY HISTORY. DO NOT ALTER THE GUIDE LINES. PLEASE DO NOT REMOVE GUIDE LINES. THEY ARE THE ORIGINAL SURVEY STATION MARKERS. PLEASE DO NOT BATTERY FOREVER WHAT OTHERS HAVE WORKED SO HARD TO ACHIEVE!



SYMBOL INDEX

BP	BOULDERS	FR	FLOW RESTRICTION
BD	BREAKDOWN	GR	GRAND PASS TO DOUBLE FILE
CE	CENOTE ENTRANCE	IR	IRREGULAR PENETRATION FROM ENTRANCE
CP	CLUSTERED SPELEOTHEMS	PT	PIT
CR	CROWN RESTRICTION	RI	RUBBLE
DI	DEPTH	UN	UNUSUAL
DC	DISTANCE CEILING - FLOOR	EV	EXPECT ZERO VISIBILITY
DF	FLOOR RELIEF		
FC	FLOOR TO CEILING COLLARS		



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| <p>SI BI BEH SECTION
EXPLORED BY
B. BIRNBACH S. GERRARD
P. DIAZ K. LEWIS
B. PHILLIPS D. RIORDAN</p> <p>SURVEYED BY
B. PHILLIPS D. RIORDAN</p> | <p>TUM BEN BEH
EXPLORED BY
B. PHILLIPS D. RIORDAN</p> <p>SURVEYED BY
B. PHILLIPS D. RIORDAN</p> | <p>CALIMBA SECTION
EXPLORED BY
J. GONZALLAS M. HEUBICK
S. MEACHAM K. OLSEN
B. PHILLIPS J. SMITH</p> <p>SURVEYED BY
B. PHILLIPS</p> | <p>LITHIUM SUNSET SECTION
EXPLORED BY
B. BIRNBACH B. PHILLIPS
D. RIORDAN C. LE MAILLOT
J. WALKER</p> <p>SURVEYED BY
B. PHILLIPS C. LE MAILLOT
D. RIORDAN</p> | <p>HRUR GLASS SECTION
EXPLORED BY
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E. MARTINEZ</p> <p>SURVEYED BY
B. PHILLIPS D. RIORDAN</p> | <p>SAC ACTUN HISTORIC SECTION
EXPLORED AND SURVEYED BY
H. AYALA C. COULET
J. COKE R. RIBB
S. DE CARLO P. PARKER
J. DE GROOT T. YOUNG
J. ZUMMIRICK</p> | <p>SIPHON SECTION
EXPLORED BY
J. COKE E. FIORELLI
W. JASPER D. LINS
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C. PYLE C. STEVENS
G. WALTEN</p> <p>SURVEYED BY
D. LINS B. PHILLIPS
C. STEVENS</p> | <p>NAVAL SECTION
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G. IRVINE D. LINS
M. MADDEN A. MATTHEWS
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Sistema Sac Actun
Tulum
Quintana Roo
AMCS Activities Newsletter no. 25, p. 79, 2002

