

- A. U.S. Navy prodecure.
- B. British Navy procedure.

#### REFERENCING, MAPPING AND CAVE ORINTATION

1. Importance of referencing .
2. How to reference.
  - A. Along one wall, etc.
  - B. Look for unusual geologic features i.e. big rocks, solution domes, restrictions, bedding planes, breakdowns, offshoot passages, faults, wall color etc..
  - C. Should not swim in past where you can visually reference your way out.
3. Importance of mapping.
  - A. Techniques used for mapping (special).
  - B. How to read maps.
  - C. Use of maps for: Research, recovery, etc.
  - D. Discussion of N.A.C.D. mapping policies, procedures. How to obtain N.A.C.D. maps.
4. Cave orientation.
  - A. Psychological adjustment.
  - B. Must spend time in alien environment to become acclimated.
  - C. Experience.

#### CAVE CONSERVATION

1. Discussion of cave life.
2. Balance of ecosystems in caves.
3. Fossils in u/w caves.
  - A. Do not remove.
4. Defacing grounds around caves and in caves.
  - A. Madison Blue Springs.

#### RAP SESSION

1. Discussion of above with students.

## DIVING SCHEDULE

1. Aquatic stability evaluation.
  - A. Use outline in handbook to assign.
2. Open water work for buoyancy control, swim techniques and body positioning for cave diving.
3. Open water work: operate reel, fullfill dive responsibilities, concentrate on techniques.
4. Obstacle course: Using all cave diving equipment in water, solve problems, buddy breathing, etc.
5. Obstacle course: Work course with blacked out mask, manual and octopus buddy breathing.
6. Cave dive #1 - in formal evaluation on diving techniques (pre-installed line)
7. Cave dive #2 - students operate reel, formal evaluation of dive techniques and informal evaluation of reel handling.
8. Cave dive #3 - students operate reel, formal evaluation.
9. Cave dive #4 - Students operate reel, develop a rough map and visual sketch of cave; evaluation on techniques and line handling .
10. Cave dive #5: - students operate reel, and develop visual reference map.
11. Cave dive #6 - students operate reel, develop visual reference map, octopus buddy breath last 100 ft. out of cave, evaluation dive.
12. Cave dive #7 - Permanent line introduction, evaluation dive.
13. Cave dive #8 - Permanent line swimming, evaluation dive.
14. Cave dive #9 - Permanent line swimming, evaluation dive.
15. Cave dive#10 Exploration and mapping.
16. Cave Dive #11 - Graduation dive.