

# SAA LECTURE No C6

## DIVE PLANNING



### Initial planning

PLAN YOUR DIVE – DIVE YOUR PLAN  
Plan dive according to diver with least experience

### Dive Profile

Use the smallest of cylinders being used, for air calculations  
Depth – in relation to:

- Air consumption
- Decompression
- Tides and currents
- Possible exertion rate

### Weather conditions

Check the forecast

### Emergency Services

Have you checked communications to emergency services?

### Check all equipment

Yours and buddy's A, B, C, D, E

### Permission to dive

Launch site – marine reserves-historical sites, wreck sites

### At the dive site

Weather  
Sea State  
Visibility  
Tides  
Current  
Entry-and more importantly-exit after dive  
Buddy Check  
Signals  
Lost buddy procedure  
Dive Plan  
Leader enters first-exits last

### During dive

Be aware at all times of:

- Position relative to buddy
- Position relative to shore/boat (exit)
- Air remaining-yours and buddy's
- Time and depth in relation to decompression
- Depth relative to nitrogen narcosis

### Potential problems

Deal with before they become incidents  
Through training increases chances of correct response  
Correct buoyancy  
Ears/sinus on descent  
Separation  
Ascent rate and breathing  
Missing 1 minute stop