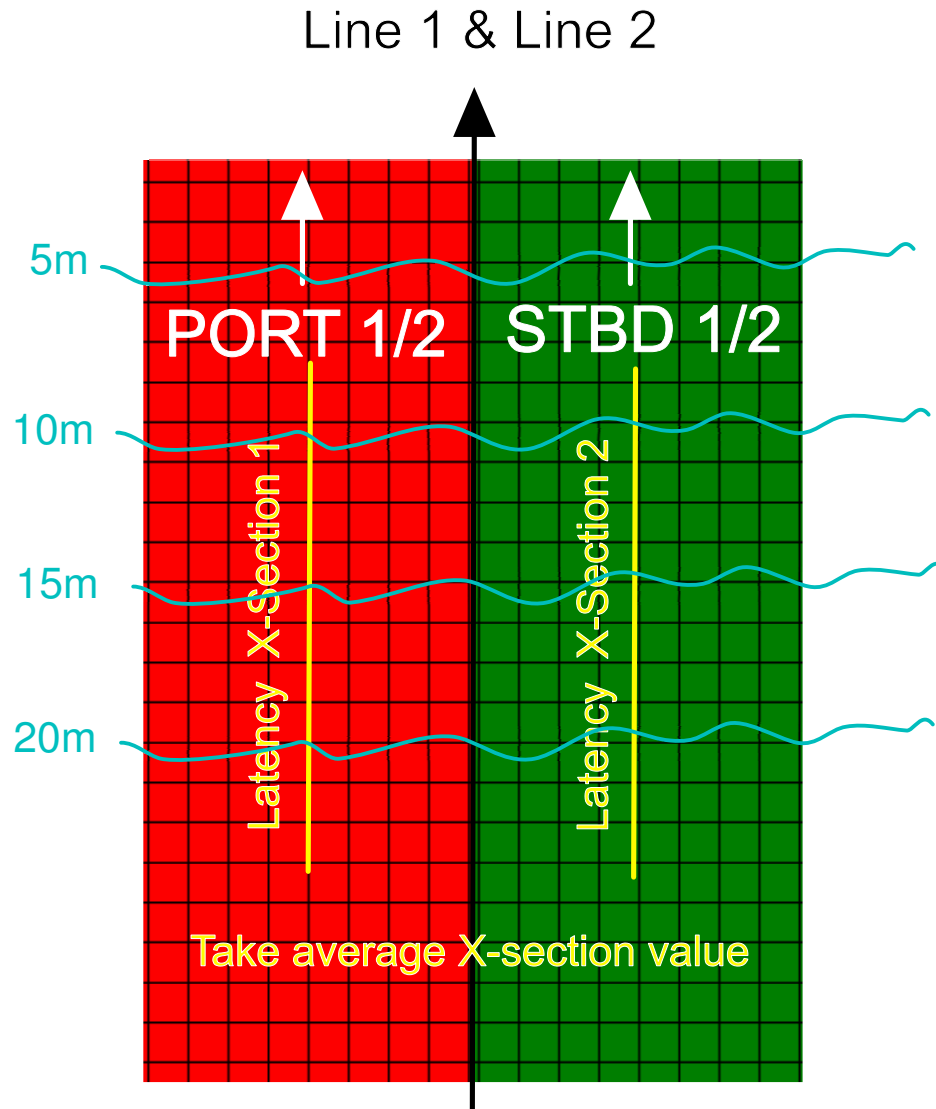


Dual Head Latency Test

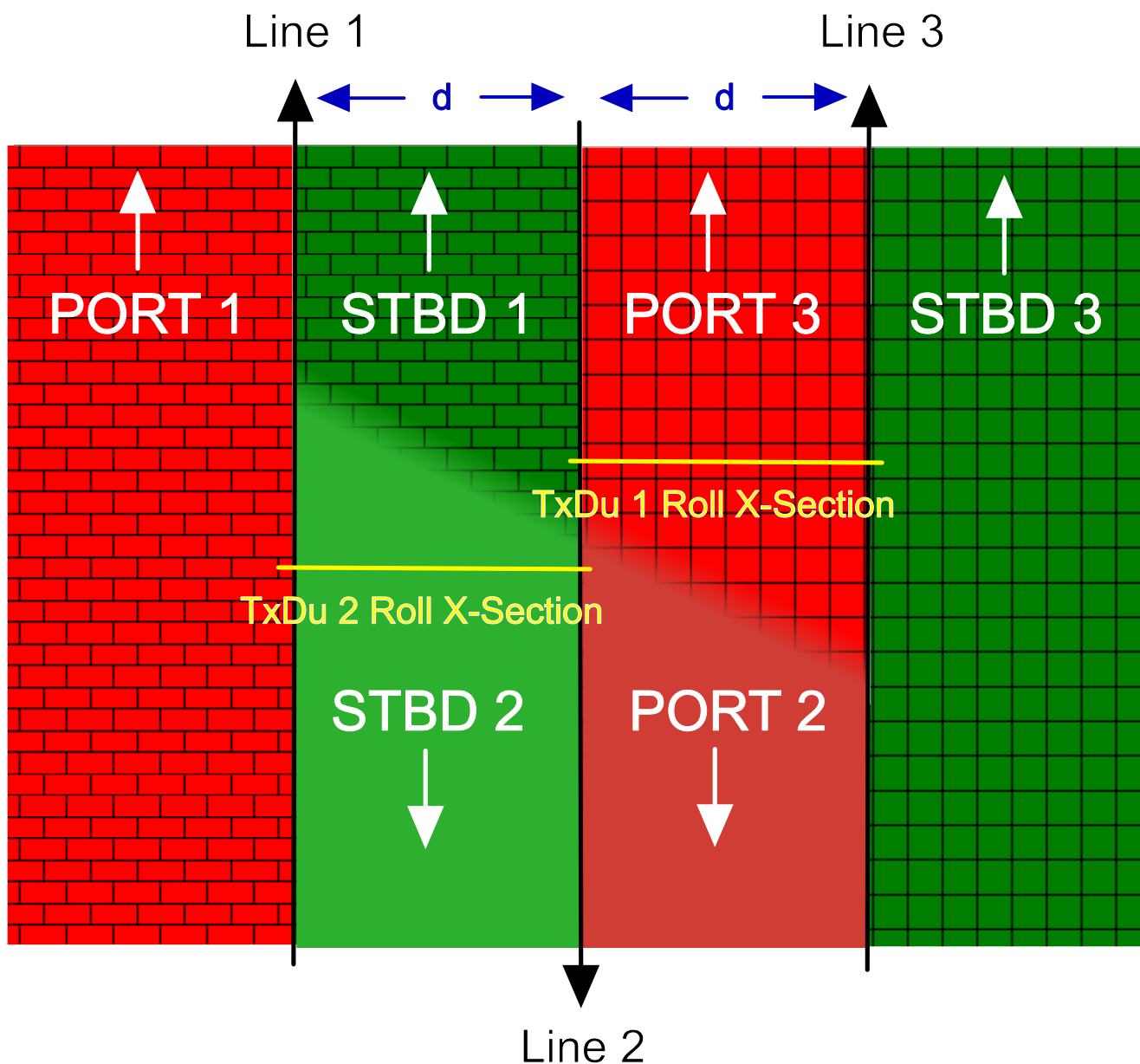


Guidelines:

1. Up/Down a slope. If no slope avail place a target within x-section area
2. Two lines, same direction
3. One line as slow as possible
4. One line as fast as possible
5. One (average) value used for Navigation Latency
6. Systems using 1 PPS should see test results approx = 0



Dual Head Roll Test

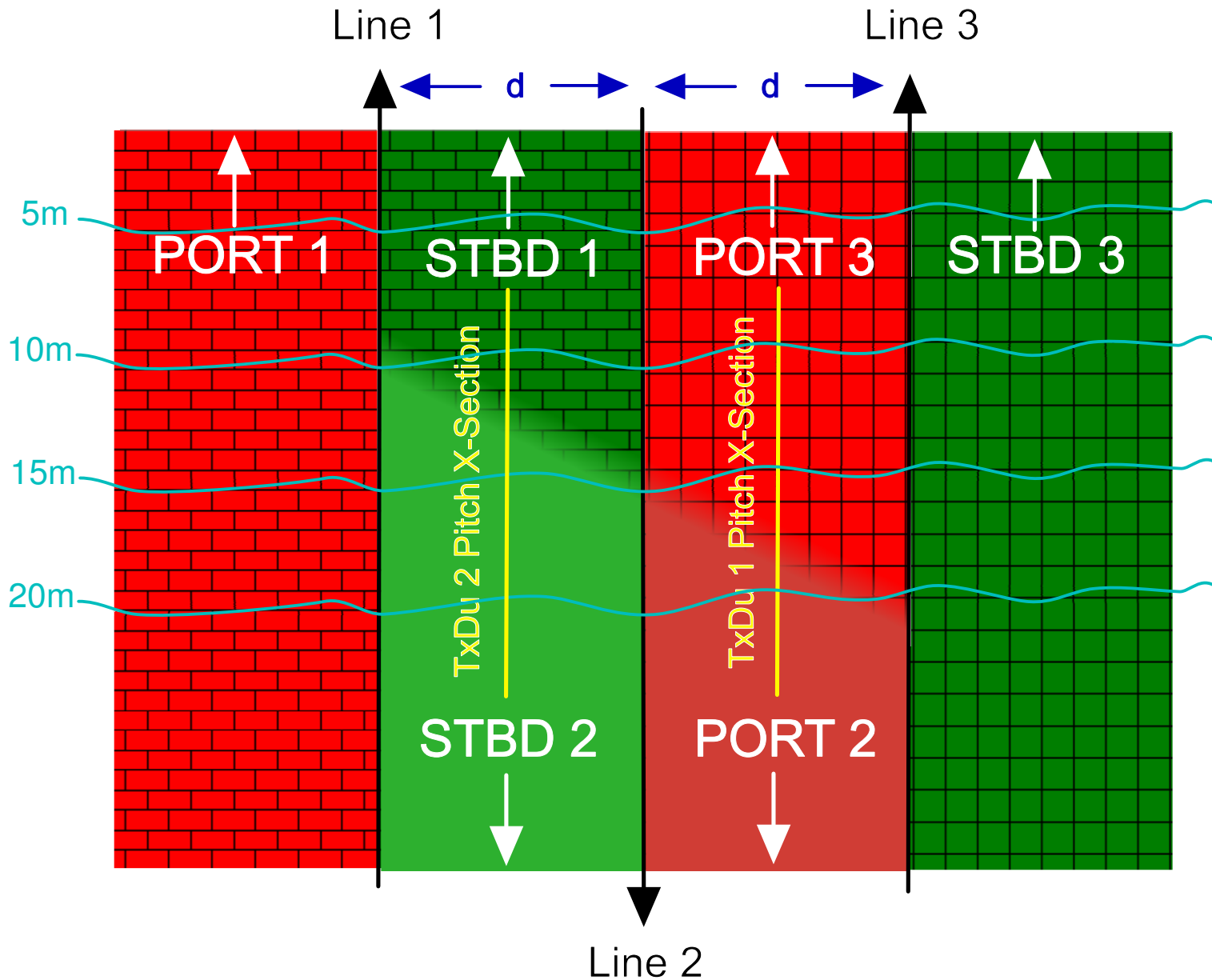


Guidelines:

1. Flat seafloor
2. Three lines, opposite directions
3. d = average depth
4. Standard survey speed



Dual Head Pitch Test

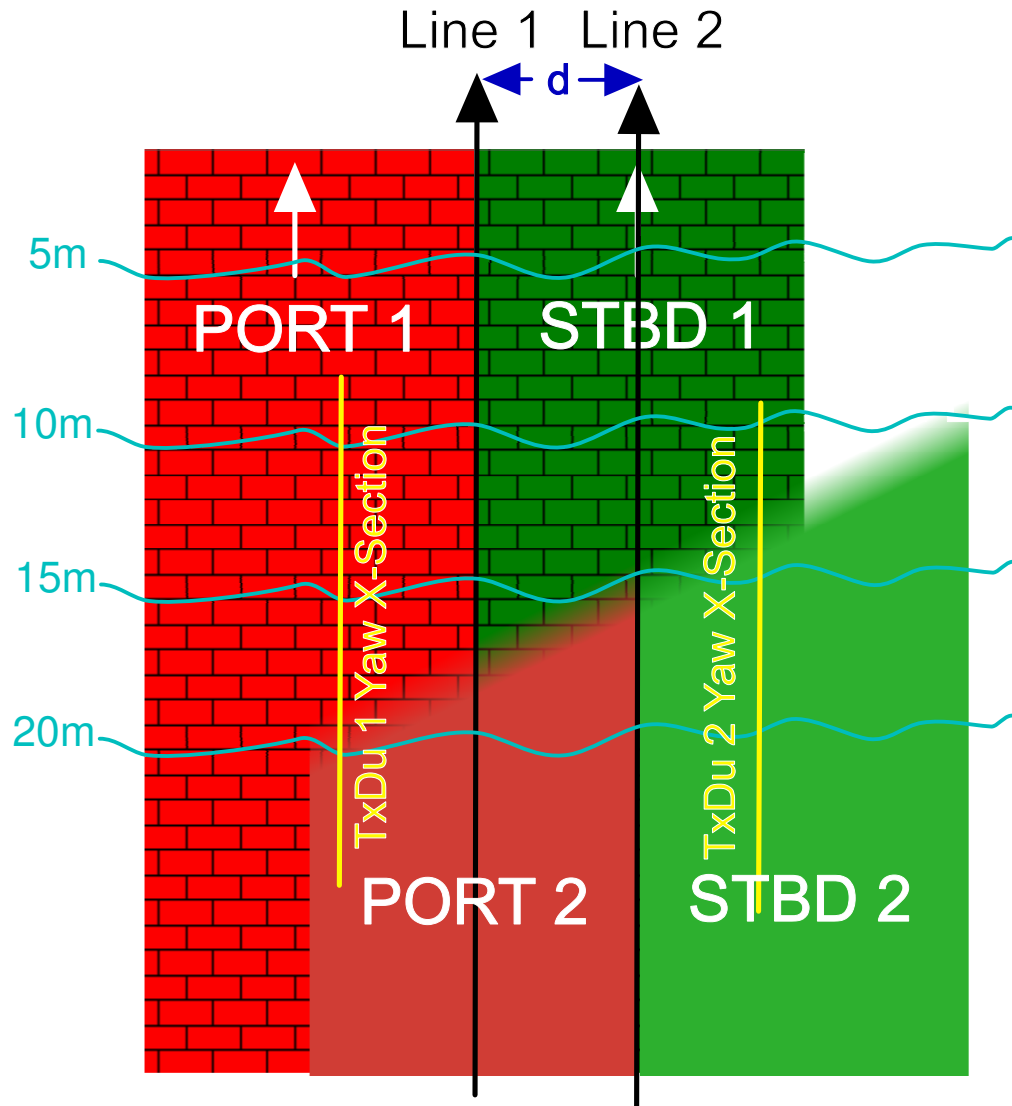


Guidelines:

1. Up/Down a slope. If no slope avail place a target within x-section area
2. Three lines, opposite directions
3. d = average depth
4. Standard survey speed



Dual Head Yaw Test



Guidelines:

1. Up/Down a slope. If no slope avail place a target within x-section area
2. Two lines, same direction
3. $d = 1/2$ Sonar range
4. Standard survey speed

