

Explosion of the diving cylinder on board local cruiser (24949) at Sai Kung Shelter Anchorage on 18 October 2013 (All times were Local Time, UTC +8)

1. Incident

- 1.1 At about 1100 to 1200 on 18 October 2013, the coxswain boarded a local cruiser (Certificate of Owner Number 24949) that was anchored at Sai Kung Anchorage, Hong Kong.
- 1.2 The coxswain filled up the diving air cylinders using the compressed air charging system installed onboard. When he was charging one of the aluminum diving cylinders, the cylinder exploded before the compressed air pressure reached its normal working pressure of 180 bar. He lost his conscious as the result of the explosion. He was later hospitalized for more than one month.

2. Lessons learnt

- 2.1 It is important that only the approved diving air cylinders that are properly maintained and tested according to manufacturer's instructions should be carried out on board.