

**EDUCATION, SCIENCE AND TRAINING**

**SENATE LEGISLATION COMMITTEE – QUESTIONS ON NOTICE  
2003-2004 BUDGET ESTIMATES HEARING**

**Outcome:** CSIRO  
**Output Group:** CSIRO

**DEST Question No. E187\_04**

Senator Carr asked on 4 June 2003.

**Question:**

You suggest that inadequate ships drawings are partly to blame.

- (a) On how many occasions have they proved deficient?
- (b) Do you now have accurate drawings?

**Answer:**

CSIRO has provided the following response.

*Southern Surveyor - refurbishment*

- (a) The conversion drawing from the 1989 refit "Forecastle Deck and Structure Under" was not accurate. This resulted in unexpected increases to the costs of the Afterdeck Crane installation (up to \$60K extra) and the CTD winch installation (~\$16K extra).
- (b) Yes - of those areas.