

**Senate Standing Committee on Environment and Communications  
Legislation Committee**

Answers to questions on notice  
**Environment and Energy portfolio**

**Question No:** 170  
**Hearing:** Budget Estimates  
**Outcome:** Outcome 3  
**Program:** Australian Antarctic Division (AAD)  
**Topic:** Icebreaker – Technical milestones  
**Hansard Page:**  
**Question Date:** 05 June 2017  
**Question Type:** Written

**Senator Xenophon asked:**

Please list each major technical milestone and its planned date.

**Answer:**

The full details of technical milestones and dates is commercial in confidence.

There are twenty milestone events in the contract spread over the design and build phase:

Milestone Event
Commencement Date
Completion of Requirements Review
Approval of hull construction plans by Classification Society
Completion of Functional Design Review 1
Start steel cutting
Completion of Functional Design Review 2
Keel laying
Continuation hull assembly in dry dock
Completion of Detail Design Review 2
Start alignment procedure shaft line
Launching
Placement of the wheelhouse sections
All assembly blocks installed
Placement of one main cargo crane
Commencement of Harbour Acceptance Tests
Propeller rotation on PTI power
Commence Sea Acceptance Trials
Commence Special Sea Trials including sound range and icebreaking trials
Provisional Acceptance
Final Acceptance