

EDUCATION, SCIENCE AND TRAINING

SENATE LEGISLATION COMMITTEE - QUESTIONS ON NOTICE 2007-2008 BUDGET ESTIMATES HEARING

Outcome CSIRO

DEST Question No. E025_08

Senator Carol Brown asked in writing on 30 May 2007.

Question:

I understand that scheduled maintenance of the vessel was carried out between November 2006 and January 2007. Can you indicate;

1. The location at which this work was carried out?
2. What work was scheduled to be carried out?
3. What work in fact was actually carried out?
4. The initial budgeted cost of maintenance during this period?
5. The actual total cost of maintenance work during this period?

Answer:

CSIRO has provided the following response:

Southern Surveyor

Phase 1 of CSIRO's program of targeted maintenance was carried out between November 2006 and February 2007. The works were carried out at Princess Wharf No 4, Hobart, Tasmania. Table 1 shows the work scheduled to be carried out and the status of that work. Table 2 shows the initial budget cost for Phase 1 of the maintenance program and the actual cost.

Table 1: Program of targeted maintenance scheduled to be carried out and status at Feb 07

Hull & Superstructure	Status
Vent pipe work	Commenced
Main mast ladder	Complete
Mast Base Blast & Staging	Complete
Mast Base Steelwork	Complete
#5 DB SW Ballast tank Port side	Complete
#5 DB SW Ballast tank Stbd side	Complete
Sewage tank port side	Commenced
Fwd thruster room ventilation duct Port side	Complete
Fwd thruster room ventilation duct Stbd side	Complete
Portholes and Bridge windows	Complete
Air Compressor	Complete
Bridge Deck & Wheelhouse Steelwork Repair	Complete
Steelwork repair above main switch board	Complete
Steelwork repair "Non-smokers Lounge" aft bulkhead	Complete
Propulsion	
M.E. L.O. Flexables	Complete
Gearbox	Complete
Exhaust supports	Complete
Auxiliary machinery & services	
Fresh water distribution system	Commenced
Sanitary discharge pumps / FW and grey water	Commenced
Engine room supply fan Stbd side	Commenced
Engine room supply fan cowling Port side	Complete
Engine room supply fan Port side	Complete
FW Pneupress	Commenced
Fwd thruster #1 electric motor	Complete
Fwd thruster #2 electric motor	Complete
Generator #1	Complete
Generator #2	Complete
Generator #3	Complete
Air conditioning & refrigeration systems	Status
Accommodation ductwork	Complete
Blast freezer & CT lab condensers	Complete
Blast freezer & CT lab compressors	Complete
Lab A/C System	Commenced
Refrigeration systems	Commenced
Main Air Cond plant	Commenced
A/C unit for C/E, Master & cruise leader unit	Complete
APAC outdoor unit for Ops room a/c	Complete
Toilet & smokers room duct work in A/C room	Complete
Hot water heating unit	Complete
Electrical	
Vibration test of electric motor and pump bearings	Complete
#1 Alternator Breaker	Complete
Starter panel for CPP pump	Complete
Over voltage/ under voltage trips	Complete
#4 Generator Terasaki breaker	Complete
Alarm panel	Complete
Emerg Generator Cable Glands	Complete
Main Switchboard Service	Complete
Safety systems	
FRC boat and engine	Complete
Navigation & Bridge systems	

| Navigation light system - recondition

Commenced |

Deck machinery & research equipment	
Fwd stores crane	Commenced
A frame rams - replace	Commenced
Deck Hydraulic pipe work	Complete
Overhaul thermosalinograph pumps	Complete
Stern ramp gates	Complete
Coring winch brake, bearing repair and spooling clutch	Commenced
CTD winch is turning when other winches are being used.	Commenced
Stbd Gilson turns when Stbd trawl winch motor turns	Commenced
Inboard bearing on coring winch	Complete
Replace hydraulic tubing to side hydrographic A Frame	Complete
Helia Aft Crane replace corroded sheet metal cooler covers with SS.	Complete
Accommodation	Status
Mess	
New chairs	Complete
Recover settees, make comfortable.	Complete
New table tops	Complete
Replace vinyl on floor	Complete
Duty rec room	
Replace ceilings	Complete
Non Smokers lounge	
Replace / recover lounge settees	Complete
Supply 3 loose settees for middle of room	Complete
Cabins	
Ch scientist - re-cover settee	Commenced
Ch Scientist - bathroom works	Commenced
Alleyway by operations room Main Deck	Complete
Scientific labs	
Cleaning Hobart Nov 06 Phase	Complete

Table 2: Program of targeted maintenance phase 1 - planned and actual expenditure



**Marine National facility
CMan Project**



Financial Report as at 28 February 2007

Item	Task Name	Approved Budget	Expenditure LTD	Balance Unspent	% Unspent	Estimate to Completion
1	Project Management					
1.1	Labour	174,800	15,751	159,049	91%	174,800
1.2	Travel & Operating	15,600	1,211	14,389	92%	15,600
		<u>190,400</u>	<u>16,962</u>	<u>173,438</u>	<u>91%</u>	<u>190,400</u>
2	P&O Payment					
2.1	Hull & Superstructure	641,707	201,973	439,734	69%	596,595
2.2	Propulsion	118,114	70,487	47,627	40%	126,396
2.3	Auxiliary Machinery & Services	280,147	75,271	204,876	73%	340,338
2.4	Air Con & Refrigeration	221,002	114,825	106,177	48%	230,544
2.5	Electrical	105,594	62,304	43,290	41%	126,650
2.6	Safety Systems	200,449	22,109	178,340	89%	25,268
2.7	Navigation & Bridge	58,166	2,248	55,918	96%	40,000
2.8	Deck Machinery & Research Equip.	314,363	191,918	122,445	39%	399,306
2.9	Accommodation	134,734	38,553	96,181	71%	146,673
2.10	Contractor & Administration Costs	308,724	112,579	196,145	64%	245,820
		<u>2,383,000</u>	<u>892,267</u>	<u>1,490,733</u>	<u>63%</u>	<u>2,277,590</u>
3	CSIRO Incurred Expenses	40,000	1,542	38,458	96%	40,000
4	Contingency	86,600	-	86,600	100%	192,010
	TOTAL	<u>2,700,000</u>	<u>910,771</u>	<u>1,789,229</u>	<u>66%</u>	<u>2,700,000</u>