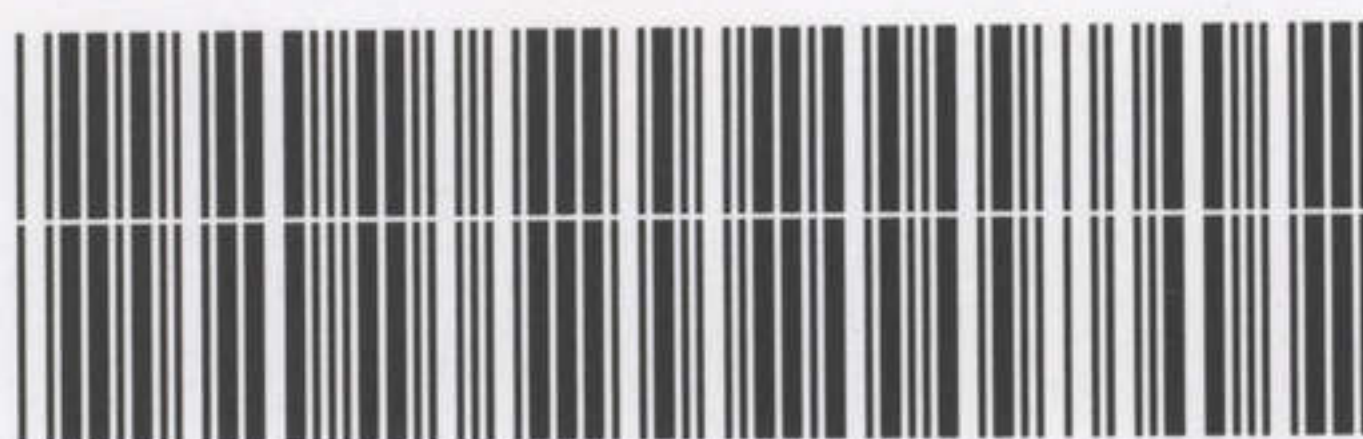


**AWM78**  
**Reports of Proceedings,  
HMA Ships and Establishments**

**HMAS DIAMANTINA (I)**

**Item number: 99/6**

**Title: January 1966 - December 1967**



AWM78-99/6

[9913]

AUSTRALIAN WAR MEMORIAL  
ACCESS STATUS  
OPEN

HMAS DIAMANTINA

Declassification Authority—Defence Records  
This record has been reviewed and has been  
declassified by the Department of Defence  
(Navy) with effect from: 1 NOV 1990  
Authority Dig (N) Admin 18-13.  
Reviewer: LCDR R. L. Smart (RANEM)

Signature: *[Signature]* Date: 1 Nov 90

R 000 1966 - 1967

**CONFIDENTIAL**

DEPARTMENT OF THE NAVY

18.206.918.

MINUTE PAPER

HMAS Diamantina

Report of proceedings <sup>Feb 67</sup>

~~AS(NS)~~ 13/3

~~D of O~~

~~DCNS~~ 22/3

~~1NM~~

~~2NM~~

~~3NM~~ 23/3

~~4NM~~ 24/3

~~SEC~~ 24/3

~~FAS(EG)~~

~~FAS(FM)~~ 24/3

~~C of S~~

~~DEF~~ 24/3

~~AS(NS) (N5)~~ *due Haug 5.12.67*

Registrar

<del>D of P</del>	<del>D/D of P(A)</del>	<del>DGFE</del>	<del>DTWP</del>	<del>D of C</del>	<del>DNAP</del>	<del>CONS</del>	<del>DNI</del>	} Separate Report Circulating.		
<del>HPB</del>	<del>DCNP</del>	<del>DOA</del>	<del>DMT</del>	<del>DDM</del>	<del>DPS</del>	<del>DFSD</del>	<del>DNR</del>		<del>DNES</del>	<del>ACDC</del>
<del>PNA</del>	<del>ACMD</del>	<del>DMED</del>	<del>ACTP</del>	<del>DWE</del>	<del>MDG</del>	<del>DNS</del>	<del>AS(NS)(N5)</del>		<del>Registrar</del>	

- NOTES: (A) This report should be dealt with and passed on promptly.
- (B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

**CONFIDENTIAL**

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NAVY—CANBERRA

18 206 918.

COMMONWEALTH OF AUSTRALIA

REF. NO. 56/9/16



DEPARTMENT OF THE NAVY

NAVAL STAFF OFFICE,  
P.O. Box 58. FREMANTLE, W.A.

TELEPHONE:  
39-1521

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA. A.C.T.

27 MAR 1967

Copy to: The Flag Officer Commanding, H.M. Australian  
Fleet.

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS.

The attached report in duplicate for the month  
of February, 1967, is submitted.

NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA

*NS*  
*9*  
*3*  
*10/3*

ENCL.

CONFIDENTIAL

**CONFIDENTIAL**

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*See*

56	9	16
CENTRAL BUREAU		
- 3 MAR 1967		
RECEIVED		
Naval Staff Office Fremantle		

H.M.A.S. DIAMANTINA,  
at Fremantle.

1 March, 1967.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, R.A.N., Garden Island, N.S.W.)

H.M.A.S. DIAMANTINA -- REPORT OF PROCEEDINGS FOR THE MONTH  
OF FEBRUARY, 1967.

Sir:

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of February, 1967.

2. On Wednesday 1st, the ship was berthed at Fremantle where engine and machinery adjustments were being made subsequent to Post Refit Trials. Ammunition was also embarked at this time.
3. At 1000 on the 1st of the month, I called on you, Sir.
4. The ship proceeded to sea on Thursday 2nd and Friday 3rd to complete Engine-room and Machinery Trials, carry out Acceptance Trials on the Precision Depth Recorder and EDO Sonar Sounding Set AE/UQH-1C, and to carry out a compass adjustment and swing. A class of Junior Recruits was embarked on each day and Seaboats, Man Overboard and Steering Gear Breakdowns were exercised.
5. On Tuesday 7th the ship proceeded down the Success Channel to the Woodman's Point Ammunition Jetty to embark old stocks for dumping. The passage to the jetty is very confined and culminates in a one mile run down the coast two cables from the shore. Because of the depth of water alongside, the wharf can only accommodate 200 feet of the ship's length. The approach was made at right angles to the wharf to a point one cable off the end and half a cable past where the port anchor was dropped. Cable was then veered and a starboard approach made, berthing port side to at 1115. Casting off and weighing at 1300 proved a much easier evolution. The ammunition was dumped in over 300 fathoms of water west of Rottnest Island at 1645.
6. Junior Recruit Training took place on 7th, 8th and 9th of the month, while the ship was daily running from Fremantle.
7. On Friday 10th, the Ship's Company went to Divisions and presented a very smart appearance. The standard of No.6 uniform issued to new Ordinary Seaman appears to have improved greatly over the past two years and is a credit to the Commonwealth Government Clothing Factory and issuing Supply Staff. The opportunity was taken to address the Ship's Company on Security and also to broadly outline the ship's forthcoming programme and its aims.
8. Members of the Bureau of Mineral Resources and the Mundaring Geophysical Observatory were engaged in installation of equipment on Friday 10th for the Fremantle Region Upper Mantle Project (FRUMP ONE) programmed to commence on Monday 13th.
9. The aim of the project was to investigate the thickness of the earth's crust and the geological structure in the off shore region between Fremantle and Albany with a view to ascertaining its mineral and oil potential. H.M.A.S. DIAMANTINA was required to explode a total of seventeen depth charges on the sea bed at prescribed points off Rottnest Island, Cape Leeuwin and Albany.

**CONFIDENTIAL** ...../2

# CONFIDENTIAL

-2-

A meeting attended by Mr. K. Mortimer (R.A.N. Armament Depot, Ryford), Mr. I. B. Everingham (Mundaring Geophysical Observatory), Lieutenant Commander J. Johnson (H.M.A.S. LEEUWIN) and Petty Officer Underwater Weapons T.A. Corkhill was held onboard on Friday 10th to discuss methods of dropping the charges, safety and all aspects concerned with the project.

10. Two wooden rails were constructed and secured to the quarterdeck with their ends protruding over the stern to provide a platform from which the charges could be launched.

11. On Monday 13th the ship sailed and proceeded to Woodman's Point, securing port side to at the ammunition jetty at 1000. Twelve depth charges were embarked and the ship proceeded at 1045.

Two charges were detonated at 1530 and 2130 and one at 0915 on Tuesday 14th at the initial shot point south west of Rottneest Island as the first part of the project.

Diamantina once more proceeded to Woodman's Point on Tuesday 14th to embark the remaining five charges.

Berthing on this occasion, using the method described earlier, proved much more difficult due to a 30-35 knot easterly wind. The ship secured port side to at 1230.

With the wind in the east, sailing at 1305 proved rather simple and DIAMANTINA proceeded north west of Rottneest to commence the second stage of the trial. Two charges were dropped at 0930 and 1530 and one charge at 2115 on Wednesday 15th to complete the second set of firings.

12. Junior Recruits were embarked on Thursday 16th by workboat at 0900 and disembarked at 1500. The ship then sailed for the Albany area.

13. Charges were dropped at 2130 on Friday 17th and at 0930 and 1515 on Saturday 18th off Albany. The ship then proceeded and dropped two single charges south west of Cape Leeuwin at 0815 and 1615 on Sunday 19th to complete the part the ship played in the project.

14. All aspects of the project conducted on board went very well and according to Mr. I. B. Everingham, the Senior Scientist of the Mundaring Geophysical Observatory, results received on seismic instruments ashore proved much better than was expected.

Petty Officer Underwater Weapons T.A. Corkhill, on loan from H.M.A.S. LEEUWIN for the period, armed and dropped all charges in a very efficient manner.

15. Junior Recruit Training was conducted on 20th, 21st and 22nd during daily running.

16. At 0750 on Wednesday 22nd, you, Sir, embarked and proceeded to sea with the ship for your annual Sea Inspection.

17. On all occasions of berthing during the month, Diamantina was allocated No. 10A Berth, North Wharf, starboard side to. In the very near future, this berth will be removed in conjunction with the extending of North Wharf and the building of a "Container" Berth.

18. At 1030 on Thursday 23rd I called on the Harbour Master, Captain A.B. Brackonridge.

At 1845 I attended the Graduation Parade of No. 60 Pilots Course at the Royal Australian Air Force Base, Pearce where it was most pleasing to see the three top awards presented to two Midshipmen.

19. At 1600 on Saturday 25th, U.S.S. MILLS (Lieutenant Commander Joseph A. Felt, U.S.N.) entered harbour.

20. At 0915 on Monday 27th I called on U.S.S. MILLS and was received most courteously. The call was not returned because of planned formal commitments.

# CONFIDENTIAL

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**CONFIDENTIAL**

-3-

21. U.S.S. HILLS left harbour at 1400, Tuesday 28th.

22. At present scientists from the Commonwealth Scientific and Industrial Research Organisation are installing equipment in preparation for the forthcoming cruise to Adelaide. Their main object will be to study the growth of organic matter in a duplicated sea environment on board. This work will test their equipment and lay the foundation for their major cruise later this year.

23. The training afforded Junior Recruits was rather limited in its scope though worthwhile time was spent in doing tricks as lockouts and helmsmen and exercising in the sea boat. All appeared very keen.

24. Throughout the month the Ship's Company have worked extremely well and over very long hours to prepare the ship for its Annual Inspection. Results produced reflect highly on the small numbers on board.

25. Forty-eight pints of blood were donated to the Red Cross on Monday 27th.

26. The health of the Ship's Company is good, morale is high and conduct has been good.  
Conditions on board are of a very high standard for this type of unit and the appearance of the ship is good.

I have the honour to be

Sir,

Your obedient servant

*Edward*

(M. WAED)  
LIEUTENANT COMMANDER, R.A.N.  
CAPTAIN

Appendices:	A	Steaming
	B	Exercises
	C	Officers
	D	Sporting

**CONFIDENTIAL**

# CONFIDENTIAL

APPENDIX B.

APPENDIX A.

STEAMING FIGURES.

Distance Steamed During the Month	1,932.8	miles
Hours underway during the Month	210.10/60	hours
Total Distance Steamed Since Commissioning	226,602.7	miles
Total Hours underway since commissioning	23,204.0	hours

APPENDIX B.

RESULTS

NIL

APPENDIX C.

OFFICERS

NIL

APPENDIX D.

SPORTING

NIL

# CONFIDENTIAL



**RESTRICTED**  
DEPARTMENT OF THE NAVY

MINUTE PAPER

18-206-946

HMAS Diamantina

March '67  
Report of proceedings

~~AS(NS)~~ 20/4

~~D of O~~

~~DCNS~~ 20/4

~~1NM~~

~~2NM~~ 29/10

~~3NM~~ 28/4

~~4NM~~ 21/5

~~SEC~~ 4/5

~~FAS(EG)~~

~~FAS(FM)~~ 5/5

~~C of S~~ 5/5

~~DPR~~ 19/5

~~AS(NS)~~ 12/5

Registrar

~~D of P D/D of P(A) DGFE DTWP D of C DNAP CONS DNI } Separate  
HPB DCNP DOA DMT DDM DPS DESD DNR DNES ACDC PNA } Report  
ACMD DMED ACTP DWE MDG DNS AS(NS)(N5) Registrar } Circulating.~~

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**RESTRICTED**

4/5/5  
12/5

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COMMONWEALTH OF AUSTRALIA



DEPARTMENT OF THE NAVY

P.O. Box 58,

NAVAL STAFF OFFICE,  
FREMANTLE, W.A.

NAVY—CANBERRA

18 206 946

REF. NO.

56/9/16.

C 11.3. APR 1967  
TELEPHONE: NAVY REGISTRY  
39-1521

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA, A.C.T.

11 APR 1967

(Copy to: Flag Officer Commanding, H.M. AUSTRALIAN FLEET).

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

The attached report in duplicate for the month  
of March, 1967, is submitted.

NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA.

Assault 14/4

14/4

RESTRICTED

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H.M.A.S. DIAMANTINA,  
AT SEA.

1ST APRIL, 1967

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, R.A.N., Garden Island, N.S.W.)

HMAS DIAMANTINA - REPORT OF PROCEEDINGS FOR THE MONTH  
OF MARCH, 1967

Sir:

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of March, 1967.

2. At 0900 on Wednesday 1st March, while at Fremantle, a guard was paraded and a short ceremony held to hoist the new Australian White Ensign and strike the White Ensign.

3. At 1000, you Sir, arrived on board to carry out your annual inspection and inspected the guard and Ship's Company at Divisions before proceeding with Upper Deck Rounds at 1030.

In the afternoon, below decks and engine room rounds were completed and books inspected and signed.

Departmental inspections were carried out by your staff on Thursday 2nd March.

4. Ship was stored on Thursday 2nd and Friday 3rd in preparation for departure for the East Australian area on Monday 6th.  
Leave was granted to non duty parts from 1200 Friday 3rd to 0900 Monday 6th.

5. During the period 1st to 5th March, members of the C.S.I.R.O. and Dr. Christopher Von de Borch of the Flinders University were engaged in installing equipment for the Fremantle Adelaide cruise.

6. HMAS DIAMANTINA sailed from Fremantle at 1030 on Monday 6th and it was rather pleasing to see the large number of relatives and friends on the wharf to wave farewell and also the large coverage by press and television cameramen.

7. The two main aims of the cruise to Adelaide were to test a new light bath for the C.S.I.R.O. and to traverse the 1,000 fathom depth around the coast for the Flinders University to detect any large canyons on the sea bed at right angles to the coast.

Though no official reports have been received, newspaper releases from the Flinders University indicate that a rather large canyon was located off Esperance, Western Australia.

The light bath that was tested for the C.S.I.R.O. proved successful and will be able to simulate exact conditions at depth during the extended cruise in April and May and will provide scientists with an environment never before achieved in Australia.

8. At 0705 on Saturday 11th, DIAMANTINA entered Outer Harbour at Adelaide and proceeded up river to the BP Fuel wharf, berthing starboard side to at 0800.

The Officer of the Guard boarded on arrival and was received in custom.

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9. At 0930 I called on the Naval Officer-in-Charge, South Australia at H.M.A.S. ENCOUNTER.

The Naval Officer in Charge returned my call at 1030 and remained embarked when the ship cast off at 1040 for passage farther up river to North Parade Wharf.

10. DIAMANTINA berthed at North Parade Wharf starboard side to, at 1120 after passage under Birkenhead Bridge and a 780 degree turn at rest in very confined waters. Conditions were ideal and no difficulties were experienced. The Naval Officer-in-Charge, South Australia disembarked at 1150.

11. On 11th and 12th March, recreational leave was granted in Adelaide and the members of the C.S.I.R.O. disembarked their equipment and members of the Flinders University and R.A.N.E.L. embarked with their equipment for the next cruise.

12. At 1200 on Sunday 12th U.S.S. GAREY (Lieutenant Commander John J. KINGSTON) entered harbour and executed a very nice starboard approach to a difficult berth.

13. HMAS DIAMANTINA cast off at 0830 on Monday 13th and proceeded to sea for the South Australian University cruise. Outer Harbour was cleared at 0930.

14. Between 13th and 19th the ship proceeded south from Adelaide along the meridian 135 until reaching latitude 44 degrees south and returned along the meridian 138. During this period the intention was to carry out hydrology stations every two degrees of latitude and obtain continuous oceanographic soundings.

For the majority of the period the weather was perfect and enabled the members of the University (undertaking their first cruise) to obtain excellent results. Only one cast was cancelled during the cruise because of weather which was poor for a period of two days. At one stage the barometer rose 22 millibars in 24 hours.

Unfortunately, due to an unserviceability, which has been reported separately, soundings were made for only three days.

The members of the University were extremely pleased with all their results and are looking forward to their next cruise in September.

15. A successful 40/60 shoot was carried out on 17th. In addition to the normal gun's crew, Ordinary Seamen Quartermaster Gunners under training were afforded the opportunity of firing the weapon.

16. DIAMANTINA entered Outer Harbour at 1330 on the 19th and berthed port side to at No. 4 wharf. Myriads of small craft in the fairway did not assist the turn and final berthing.

Fuelling commenced at 1430 and scientific and hydrological equipment were disembarked.

The ship's arrival had been relayed from a shark patrol aircraft to Adelaide Commercial Radio Stations and this resulted in an estimated 2,000 persons visiting the wharf and viewing the ship whilst alongside.

Lines were cast off and the ship proceeded at 1645.

17. A very pleasant passage from Adelaide to Sydney through Bass Strait was experienced in calm seas and light airs.

The ship's quarterly full power trial was conducted en route.

18. HMAS DIAMANTINA entered Sydney Heads at 1420 on Wednesday 22nd after an absence of eight years and berthed on CULGOA at Fitting Out Wharf, Garden Island at 1500. After many modifications there is a marked difference between these sister ships.

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19. At 0930 on Thursday 23rd I called on the Flag Officer Commanding Her Majesty's Australian Fleet, at Fleet Headquarters, Garden Island.
20. I had the pleasure of dining with Rear Admiral R.I. Peek, OBE, DSC at lunch in HMAS SYDNEY at 1230 on the same day.
21. Stores and C.S.I.R.O. equipment were embarked between 23rd and 28th March for cruise Dn 2/67.
22. HMAS DIAMANTINA sailed from Sydney at 0900 on Wednesday 28th.
23. The aim of this cruise is to detect and measure the East Australian current and to experiment with neutral buoyancy floats. Hydrology stations are also being worked.  
Depth recording equipment is once more giving trouble and separate action has been taken.
24. The health of the Ship's Company is good, morale is high and conduct has been good.
25. Conditions on board are of a high standard and the appearance of the ship is good.

I have the honour to be

Sir,

Your obedient servant,

*Howard*

(M. JARD)

LIEUTENANT COMMANDER GLEX RAN  
CAPTAIN

Appendices: A Steaming  
B Exercises  
C Officers  
D Sporting

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# RESTRICTED

## APPENDICES

### APPENDIX A.

#### STEAMING

Distance Steamed during the month	4,713	miles
Hours underway during the month	407	hours
Total distance steamed since commissioning	231,315.7	miles
Total hours underway since commissioning	23,611	hours
Economical Speed exceeded (RAMOPS 150)		
(a)	3	hours
(b)	16.5	knots
(c)	2	tons
(d)	8.25	miles
(e)	Quarterly Power Trial	

Note: (b), (c) and (d) refer only to the hour at full power

### APPENDIX B.

#### EXERCISES

Friday 17th                      40/60 Firing Practices

### APPENDIX C.

#### OFFICERS

<u>Joined:</u>	SBMT RLSC TAYLOR	6th March
	B/SBLT GRUBBA	27th March
<u>Left:</u>	LEUT RLEN ME ORAM	11th March
	LEUT RLSC TAYLOR	23rd March
	SBMT SLEX STREET	27th March

### APPENDIX D.

#### SPORTING

N11

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# RESTRICTED

DEPARTMENT OF THE NAVY

MINUTE PAPER

18-206-971

HMAS *Diamantina*

Report of proceedings *April '67*

AS(NS) *21/5*

~~D of O~~

~~DCNS~~ *B7/5*

~~1NM~~ *Aug 11/5*

~~2NM~~ *22/5*

~~3NM~~ *24/5*

~~4NM~~ *25/5*

~~SEC~~ *26/5*

FAS(EG)

FAS(FM) *26/5*

~~C of S~~ *29/5*

~~DPH~~ *30/5*

AS(NS) *(N5) 31/5*

Registrar

<del>D of P</del>	<del>D of P(A)</del>	<del>DGFE</del>	<del>DMWP</del>	<del>D of C</del>	<del>DNAP</del>	<del>CONS</del>	<del>DNI</del>	} Separate Report Circulating.
<del>HPB</del>	<del>DCNP</del>	<del>DOA</del>	<del>DMT</del>	<del>DEM</del>	<del>DPS</del>	<del>DFSD</del>	<del>DNR</del>	
<del>ACMD</del>	<del>EMED</del>	<del>ACTP</del>	<del>DWE</del>	<del>MDG</del>	<del>DSMP</del>	<del>AS(NS)(N5)</del>	<del>Registrar</del>	

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# RESTRICTED

RESTRICTED

NAVY—CANBERRA		
18	206	971

COMMONWEALTH OF AUSTRALIA



REF. NO.  
56/9/16.

11 MAY A.M.

TELEPHONE:  
39-1521

*[Handwritten signature]*

DEPARTMENT OF THE NAVY

P.O. Box 58.

NAVAL STAFF OFFICE,  
FREMANTLE, W.A.

9 MAY 1967

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA .. A.C.T.

(Copy to: Flag Officer Commanding, H.M. AUSTRALIAN FLEET)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

...

The attached report in duplicate for the month of April, 1967 is submitted.

*[Handwritten notes: 11/5, W. B. Smith, 11/5]*

*[Handwritten signature]*

NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA.

RESTRICTED



RESTRICTED

HMAS DIAMANTINA,  
at Cove, F.A.S.

1st May, 1967



The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, RAN, Garden Island, N.S.W.)

HMAS DIAMANTINA - REPORT OF PROCEEDINGS FOR THE MONTH  
OF APRIL, 1967

Sir:

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of April, 1967.

2. At the beginning of the month, Diamantina was engaged in a Commonwealth Scientific and Industrial Research Organization Cruise off the New South Wales coast, east south east of Sydney, making a study of the East Australian current and carrying out hydrological casts.
3. The first four days were most satisfactory and the members of the Commonwealth Scientific and Industrial Research Organization embarked were able to collect valuable information on the southern extent of the current and take water samples to depths of 2,500 fathoms.
4. The approach of Cyclone 'Glenda' from the north, and ensuing bad weather, made it necessary to close the coast on Wednesday 5th to shelter if necessary. The New South Wales coast in the vicinity of Wollengong was reached at 0100 on 6th April and a hydrological station was carried out in 35 - 40 knot south easterly winds with accompanying swell and seas. Conditions were extremely marginal at this period and it was decided to proceed up the coast that night.  
Weather conditions had not improved by 0700 on 6th April and a decision was made to return to harbour a day earlier than planned.
5. The ship entered harbour at 0930 and berthed on HMAS DERWENT at South End Cruiser Wharf at 1020.
6. Fuel and stores were embarked on 6th and 7th April and recreational leave was granted on 8th and 9th April.
7. At 0850 on Monday 10th April HMAS DIAMANTINA cast off and sailed to complete the second half of the Commonwealth Scientific and Industrial Research Organisation Cruise in the vicinity of a position 130 miles east north east of Sydney.
8. In the period 10th to 18th April, the main stream of the East Australian current was measured up to 4 knots. Generally the current in the area was approximately 60 miles wide and set 170 degrees.  
The method used to measure the surface current was by use of the Geomagnetic Electric Kinetograph. This instrument which is towed astern, continuously produces readings on board, from which deviations from the planned track can be calculated and presented in terms of current.  
In addition, measurement of sub-surface currents was made using neutral buoyancy acoustic floats, one being weighted to sink to the seabed in a fixed position, the other allowed to drift at a required depth. By streaming two hydrophones astern, separated at a predetermined distance, position lines were obtained at right angles to the ship's track when the time lapse for the

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HMAS DIAMANTINA - REPORT OF PROCEEDINGS 2.

15th MAY, 1961

8. (continued)

acoustic signal to reach each hydrophone was equal. A series of position lines allowed each float to be fixed separately and then progressive separation measured. It is the first time measurements of this kind have been attempted in Australian waters.

Overall, the members of the Commonwealth Scientific and Industrial Research Organisation on this cruise had a very successful period and gathered much important information.

9. Soundings were taken throughout, using the ship's equipment, but owing to the varying currents and the lack of regular fixes due to the sky being obscured, the results were not accurate enough for cartographic purposes.

10. Up to the 15th April, 14 confirmed and nine suspected cases of Rubella were detected on board. All cases were of a mild nature and only three sailors were confined to bed for a short period.

As no doctor was borne at this stage, arrangements were made to have a Medical Officer meet the ship on arrival in harbour.

11. HMAS DIAMANTINA entered Sydney Heads at 0800 on Tuesday 18th April and berthed on 'Culgea' at the Fitting Out Wharf, Garden Island.

12. On arrival, all the ship's company were inspected by the Medical Officer from HMAS KUTTABUL and no cases of Rubella were detected.

13. Members of the Press and Television Channels were present to interview the Cruise Leader and myself and satisfactory items resulted, even though they did tend to overplay the cases of Rubella.

14. The period 18th to 24th April was spent alongside at Garden Island, storing ship and embarking and disembarking Commonwealth Scientific and Industrial Research Organisation equipment.

The opportunity was taken to carry out an internal clean on No. 2 boiler and to paint ship, and the whole ship's company turned in a very creditable amount of work in a most cheerful manner.

15. Discussions have been held with the staff of the General Manager, Garden Island Dockyard and arrangements made for the forthcoming Long Self Maintenance period in June and July. Indications at the moment are that all urgent defects and outstanding Dockyard Planned Maintenance items will be taken in hand and that the remainder of INDEFs raised will be dealt with according to the ship's list of priorities and the capacity of the Dockyard at the time.

16. A rugby league match was arranged with HMAS VENDETTA on Friday 21st April and although the ship's team was defeated, they acquitted themselves well for their first game.

17. The two six day periods the ship has had in Sydney in the past six weeks have proved very beneficial and full use has been made of the facilities at Garden Island. Advantage was taken to replenish allowances of Naval Stores and equipment and to return all unserviceable and defective items.

18. The first of the ship's two Besun dinghies was delivered on 19th April.

19. HMAS DIAMANTINA sailed at 0930 on Monday 24th April for the long Commonwealth Scientific and Industrial Research Organization Cruise which embraces visits to Fiji, Manus and Darwin.

Time and position stations were carried out at 0830 and 2100 daily along the route to the Nyrastaganal complex and the study of growth of marine life under simulated conditions.

RESTRICTED

# RESTRICTED

HMAS DIAMANTINA - REPORT OF PROCEEDINGS 3.

15<sup>TH</sup> MAY, 1967

20. Unfortunately after leaving Sydney, weather conditions were not entirely suitable for the detailed task and were very detrimental to the preparation of the upper deck for the visit to Suva. Generally a 25 to 30 knot northerly wind was experienced and the upperdeck was continually swash. A lot of the hard work put in by the Ship's Company in Sydney was nullified by the sea, which does at times become disheartening.

21. On the passage from Sydney to Suva continuous Sounding was achieved and depths, with one exception, were similar to those already charted. On Saturday 29th, in position 23.01 S, 170.59 E a depth of 4,000 fathoms was found. The ship was then stopped and hydrology samples were taken to a depth of 3,300 fathoms.

22. The current CSIRO Cruise progressed well throughout the remainder of the month and the members on board achieved good results.

23. An intermess competition, including quiz, bridge, euchre, darts, tug-o-war, is being held on board, with at least one event every second day and has excellent support from the Ship's Company.

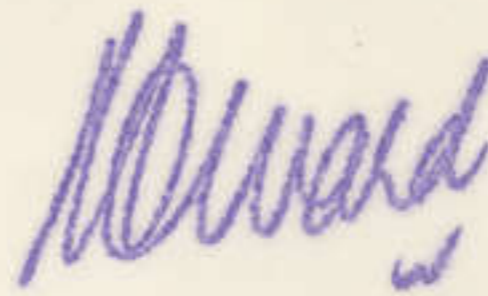
24. The health of the Ship's Company is good, morale is high and conduct has been good.

25. Conditions on board are of a high standard considering the type of ship and the appearance is good.

I have the honour to be

Sir,

Your obedient servant



(M. WARD)

LIEUTENANT COMMANDER GLEX DL RAN  
CAPTAIN

APPENDICES: A Steaming  
B Exercises  
C Officers  
D Sporting

# RESTRICTED

RESTRICTED

APPENDICES

APPENDIX A

STEAMING FIGURES

Distance Steamed During the month	4,045.6 miles
Hours underway During the month	480
Total Distance Steamed Since Commissioning	235,361.3 miles
Total Hours underway Since Commissioning	28,091

APPENDIX B

EXERCISES

NIL

APPENDIX C

OFFICERS

JOINED:

ASMT SLEX P.J. JAMIESON, RAN  
LEUT SSSG V. GILMORE, RAN

Monday 10th April  
Monday 24th April

APPENDIX D

SPORTING

RUGBY  
Friday 21st

HMAS VENDETTA defeated HMAS DIAMANTINA

15 - NIL

RESTRICTED

RESTRICTED

DEPARTMENT OF THE NAVY

MINUTE PAPER

18.206.981

13/6

HMAS *Diamantina*

Report of proceedings *May 1967*

AS(NS) *20/6*

D of O *16/6*

DCNS *19/6*

1NM

2NM *21/6*

3NM *22/6*

4NM *22/6*

SEC *26*

FAS(EG) *6*

FAS(FM) *26/6*

C of S *28/6*

DPR *26*

AS(NS) *30/6* (NE) *30/6*

Registrar

~~D of P D/D of P(A) DGFE DTWP D of C DNAP CONS DNI  
HPB DCNP DOA DMT DEM DPS DFSD DNR DNES ACDC PNA  
ACMD DMED ACTP DWE MDG DSAP AS(NS)(N5) Registrar~~ } Separate Report Circulating.

NOTES: (A) This report should be dealt with and passed on promptly.

(B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

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*26/6*

RESTRICTED

NAVY—CANBERRA		
18	206	981

COMMONWEALTH OF AUSTRALIA



REF. NO.

56.9.16

RECEIVED  
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TELEPHONE: 39-1521

DEPARTMENT OF THE NAVY

P.O. Box 58, NAVAL STAFF OFFICE, FREMANTLE, W.A.

LOG  
 INDEX ON  
 / /

The Secretary,  
 Department of the Navy,  
 Navy Office,  
 CANBERRA...A.C.T.

JUN 8 1967

(Copy to: Flag Officer Commanding, H.M.AUSTRALIAN FLEET)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

*ASD*

The attached report in duplicate for the month of May, 1967, is submitted.

*[Signature]*

NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA.

*ASD 13/6*

RESTRICTED

RESTRICTED

HMAS DIAMANTINA,  
at Sea.

1st June, 1967

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, RAN, Garden Island, N.S.W.)

HMAS DIAMANTINA - REPORT OF PROCEEDINGS FOR THE MONTH  
OF MAY, 1967

Sir:

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of May, 1967.

2. Throughout the month, Diamantina was engaged on an Oceanographic Cruise for the Commonwealth Scientific and Industrial Research Organisation.

3. The ship entered Suva, Fiji, harbour at 0945 on Monday 1st and berthed port side to on King's Wharf at 1000.

4. I called officially on the Commander Fiji Military Forces, Colonel F. Rennie, RNZA at 1045; His Worship the Mayor of Suva, Councillor C.H. Hunt at 1105 and the Australian Commissioner, Mr. R.N. Birch at 1135.

At 1150 I called on the Harbourmaster, Captain P. Hough.

All calls were unofficially returned at 1800.

5. An official Cocktail Party was held on board at 1800 and was attended by 62 guests who represented all branches of Commerce, Industry, Local Government and Diplomatic Missions.

Very cordial relations were quickly established and continued throughout the ship's visit.

6. The Missions to Seamen provided a bus tour for 30 sailors on Tuesday 2nd and the participants had a thoroughly enjoyable time. The new concept of the Missions to Seamen (Flying Angel Clubs) was very well established and the facilities offered to sailors were equal to those in Fremantle.

7. At 1245 on Tuesday 2nd I had the honour to dine with His Excellency the Governor of Fiji and Lady Jakeway. It was an extremely pleasant occasion.

8. The ship was open to inspection by the public from 1400 to 1645 on 2nd May and was visited by approximately 500 people who showed a large interest.

9. At 0910 on Wednesday 3rd I took my leave of the Australian Commissioner.

10. The Fijian Police Band was present on the wharf from 0940 till 1000 on Wednesday 3rd and played a selection of airs and gave an excellent display of counter marching in honour of our visit to Suva.

11. At 1000, the ship cast off and proceeded for the second leg of the Commonwealth Scientific and Industrial Research Organisation Cruise. In addition to the band a crowd of approximately 750 farewelled the ship.

RESTRICTED

13. Overall, the refit progressed well and work carried out was to a most satisfactory standard. A few items remain outstanding due to lack of finance, equipment and labour, but all items effecting the Operational Efficiency of the ship have been completed.

It has proved a very frustrating period, refitting in Fremantle, mainly due to poor logistics and holidays over the Festive Season. The problem of getting stores and equipment from the Eastern States is a major one, but no reasonable solution can be put forward to improve the present situation. It is hoped to gain assistance from the Fleet Maintenance Party and Dockyard Personnel to progress general maintenance beyond ship's staff capabilities while the ship is in Garden Island for Long Self Maintenance in June of this year.

The ship was fumigated on Saturday 7th and Saturday 21st by representatives of the Public Health Department with only moderate success.

14. The Ship's Company and myself are looking forward to the next few weeks of operating to shake down and work up and to once more become an operational unit rather than a Dockyard lay-apart store.

15. The health of the Ship's Company is good, morale is high and conduct has been good.

Conditions on board are satisfactory under the present situation, but will improve out of sight in the immediate future.

I have the honour to be

Sir,

Your obedient servant,

*M. Ward*

(M. WARD)

LIEUTENANT COMMANDER, R.A.N.

CAPTAIN

Appendices: A - Stowing Figures  
B - Exercises  
C - Sporting Contests



APPENDICES

APPENDIX A

STEAMING FIGURES

Distance Steamed During the month	67.8	miles
Hours Underway During the month	5.50/60	hours
Total Distance Steamed Since Commissioning	224669.9	miles
Total Hours Underway Since Commissioning	22993.50/60	hours

APPENDIX B

EXERCISES

NIL

APPENDIX C

SPORTING CONTESTS

NIL



DEPARTMENT OF THE NAVY  
MINUTE PAPER

18-6-610

HMAS

*Diamantina*

Report of Proceedings.

*Jan 66*

- ~~0/D OF P~~ *17/2*
- ~~D/D OF P (A)~~ *17/2*
- ~~DTWP~~ *17/2*
- ~~D OF C~~ *24/2*
- ~~D/DTWP (AIR)~~ *28/2*
- ~~CONS~~ *22/2*
- ~~DNI~~ *23*
- ~~HPB~~ *8/3*
- ~~DCNP~~ *14/3*
- ~~DMT~~
- ~~DDM~~ *5*
- ~~DFS~~ *16/3*
- ~~DFSD~~ *17/3*
- ~~DNR~~ *40*
- ~~DNES~~ *21/3*
- ~~ACBC~~ *22/3*
- ~~ACMD~~ *22/3*
- ~~ED~~ *7/4*
- ~~PNA~~ *4*
- ~~DWE~~ *15/4*
- ~~MDG~~ *27/4*
- ~~DNAS~~ *4/5*
- ~~AS (NS)(N5)~~ *3/5*

D.N.A.S.  
28 APR 1966  
*[Signature]*

REGISTRAR

<del>AS (NS)</del>	<del>DCNS</del>	<del>2NM</del>	<del>4NM</del>	<del>DPR</del>	<del>REGISTRAR</del>	} Separate Report circulating
<del>D OF O</del>	<del>1NM</del>	<del>3NM</del>	<del>SEC</del>	<del>FAS (EG)</del>	<del>FAS (FM)</del>	

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*7/9*

DEPARTMENT OF THE NAVY

18-2-66

Report of Proceedings

28 APR 1966

NAVY OFFICE  
27 APR 1966  
M. D. O. BRANCH

COMMONWEALTH

18-6-610



56/9/16.

DEPARTMENT OF THE NAVY

TELEPHONE  
39 1521

NAVAL STAFF OFFICE  
BOX 58  
FREMANTLE, W.A.

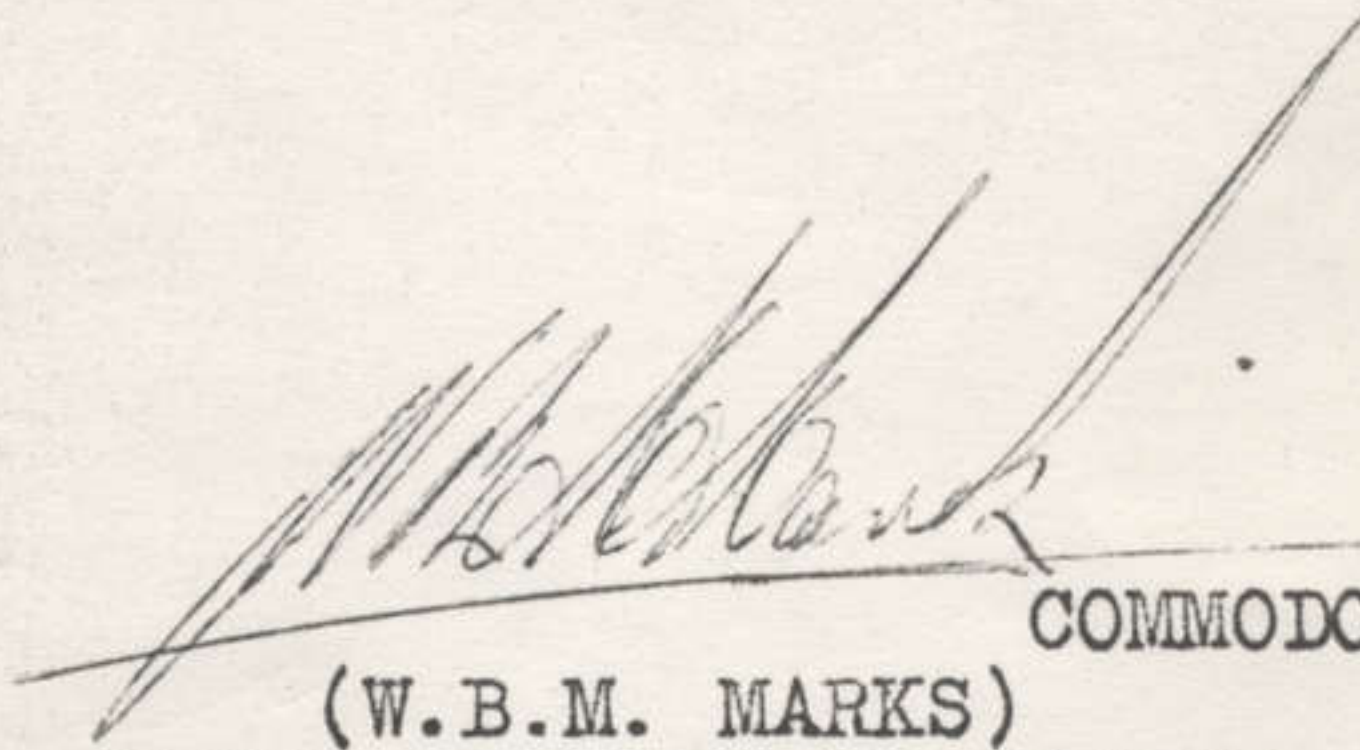
The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA, A.C.T.

(Copy to: Flag Officer Commanding, H.M. Australian Fleet).

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

Reference: Australian Navy Order 272/65.

The attached report in duplicate for the month  
of January, 1966, is forwarded.

  
COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA.

COMMONWEALTH OF AUSTRALIA

INDEXED  
INIT. *CM*  
DATE *15/2/66*

DEPT. OF NAVY  
CANBERRA  
18 6 610

REF. No.  
56/9/16.



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NAVY REGISTRY

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39 1521

NAVAL STAFF OFFICE  
BOX 58  
FREMANTLE, W.A.

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA, A. C. T.

*11* FEB 1966

(Copy to: Flag Officer Commanding, H.M. Australian Fleet).

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

Reference: Australian Navy Order 272/65.

The attached report in duplicate for the month of January, 1966, is forwarded.

*[Signature]*  
COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA.

*ASNS 15/2/66*

*ASNS 15/2/66*

1/19  
H.M.A.S. DIAMANTINA  
At Fremantle.

1st February, 1966.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

Copy to: The Hydrographer, R.A.N., Garden Island, N.S.W.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS  
FOR THE MONTH OF JANUARY, 1966.

Sir,

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command, for the month of January, 1966.

2. The entire month was spent alongside No. 10A berth, North Wharf, undergoing annual refit. Almost the entire defect list was taken in hand and generally the standard of the contractor's work has been good.
3. On Monday 10th Engineer Lieutenant Donnelly joined the ship from H.M.A.S. NIRIMBA to relieve Engineer Lieutenant J.W.E. Green.
4. On Thursday 20th basin trials were carried out at 40 revolutions, the maximum permissible alongside in the Harbour and the main engines were found to be operating satisfactorily.
5. Engineer Lieutenant J.W.E. Green left the ship on Friday 21st to take up his posting to H.M.A.S. NIRIMBA.
6. The ensign was halfmasted on Tuesday 25th for the State funeral of the late Minister for Defence, Senator, Sir Shane Paltridge.
7. DIAMANTINA was dressed with masthead flags on Wednesday 26th, Australia Day.  
  
Basin Trials were again carried out at 40 revolutions.
8. Ammunition was embarked during the forenoon of Thursday 27th and in the afternoon fuelling was undertaken.
9. The ship came to 8 hours notice for steam at 1200 on Friday 28th on completion of the annual refit.
10. DIAMANTINA was dressed overall on Monday 31st for the Australia Day holiday.
11. The health, morale and conduct of the Ship's Company has been good during the month and conditions on board are good. The appearance of the ship is now back to Fleet standard.

I have the honour to be,

Sir,

Your obedient Servant,

(P. G. DUNCAN)  
LIEUTENANT COMMANDER, R.A.N.  
CAPTAIN.

Nil enclosures.

NAVY REGISTRY - RECORDING AND INDEXING INSTRUCTIONS

REGISTER ON CARD.....18/6/60.....

FILE TITLE.....HMAS.....DIAMANTINA.....

.....Report of Proceedings.....Jan. 1966.....

MARK TO.....AS(ws).....BRANCH

OTHER DIRECTIONS.....

INDEXING HISTORY                      SUBJECT INDEX SYMBOLS                      NAME INDEX SYMBOLS

INITIAL	:	:	AZ
INDEXING	:	:	
SUBSEQUENT INDEXING	:	:	D A T E

CLASSIFIER.....*[Signature]*.....

DATE.....18.7.66.....



DEPARTMENT OF THE NAVY

MINUTE PAPER

18.6.620.

HMAS *Diamantina*

Report of Proceedings *Feb '66*

2/3

~~D OF P 16/3~~  
~~D/D OF P (A) 16/3~~

~~DGFE 18/3~~

~~D/WP 23/3~~

~~D OF C 25/3~~

~~DNAP 29/3~~

~~CONS 2/4~~

~~DNI 5/4~~

~~HPB 8/4~~

~~DCNP 7/4~~

~~DOA 25/4~~

~~DMT 13/4~~

~~DDM 19/4~~

~~DPS 19/4~~

~~DES 28/4~~

~~DNR 29/4~~

~~DNES 2/5~~

~~ACDC 2 Feb 3/5~~

~~ACMD 20/5~~

~~ED 17/5~~

~~AC 23/5~~

~~DNI 2/6~~

~~MDG 28/6~~

~~DNAS 10/6~~

~~AS (NS) (N5) 14/6~~

C.N.A.S.  
9 JUN 1966  
ADD 5/9/66  
DAS (6)

REGISTRAR

<del>AS (NS)</del>	<del>DCNS</del>	<del>2NM</del>	<del>4NM</del>	<del>DPR</del>	<del>REGISTRAR</del>	) Separate Report circulating
<del>D OF O</del>	<del>1NM</del>	<del>3NM</del>	<del>SEC</del>	<del>FAS (EG)</del>	<del>FAS (FM)</del>	
				<del>AS (NS)</del>	<del>(N5)</del>	

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30/7

MINUTE PAPER

HMAS

*Diamantina*

Report of Proceedings *Feb '66*

AS (NS) *1/13*

D OF O *10/13*

DCNS *11/13*

~~1ST NM~~

2ND NM *18/13*

3RD NM *22/13*

4TH NM *25/13*

1ST SEC *27/13*

SEC *27/13*

FAS (EG)

FAS (FM) *30/13*

DFR *31/13*

AS (NS) (N5) *31/13*

REGISTRAR

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~~ACDC~~

~~ACMD~~

~~DMED~~

~~PNA~~

~~DWE~~

~~MDG~~

~~AS (NS) (N5)~~

~~REGISTRAR~~

Separate Report Circulating

- NOTES: (a) This copy is circulated so that Board Members may see these reports soon after they reach Navy Office.
- (b) The report will be given to Board Members with Directors comments if there is any matter of special interest in those comments.

*13/18*

*10/13*

INDEXED  
INIT. 5  
11 OF 3 60

DEPT. OF NAVY  
CANBERRA  
18 6 620  
REF. No.

COMMONWEALTH OF AUSTRALIA



56/9/16.

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DEPARTMENT OF THE NAVY

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The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA, A.C.T.

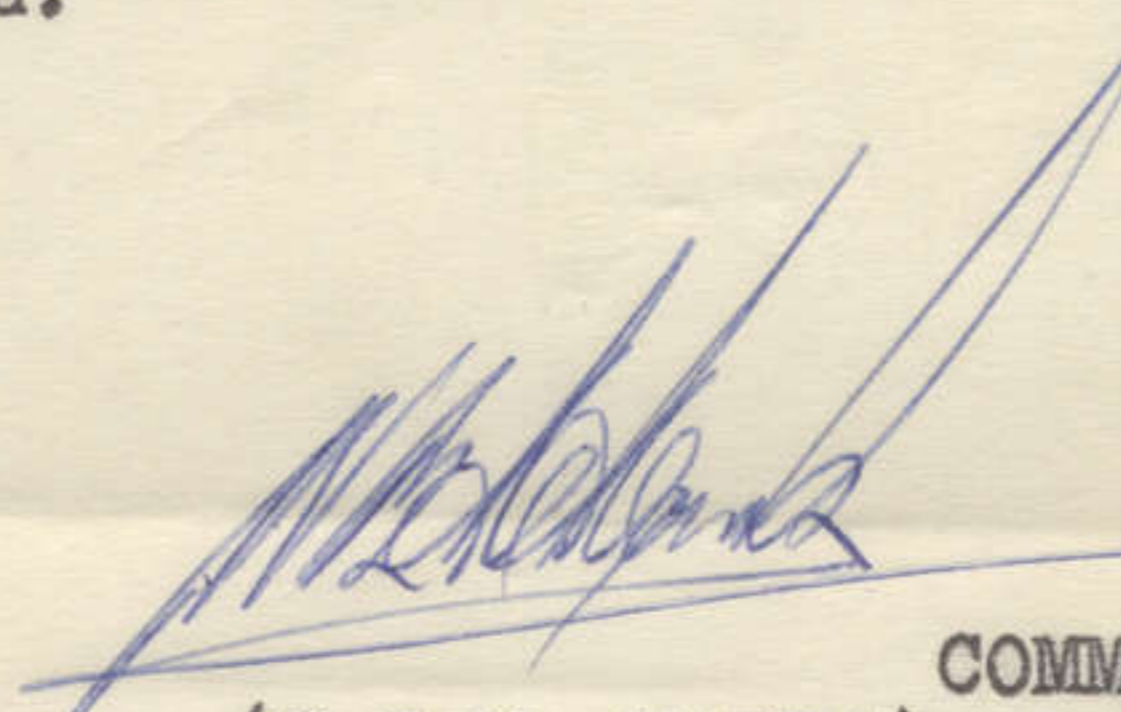
9 MAR 1966

(Copy to: Flag Officer Commanding, H.M. Australian Fleet).

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS.

Reference: Australian Navy Order 272/65.

The attached report in duplicate for the month of  
February, 1966, is forwarded.

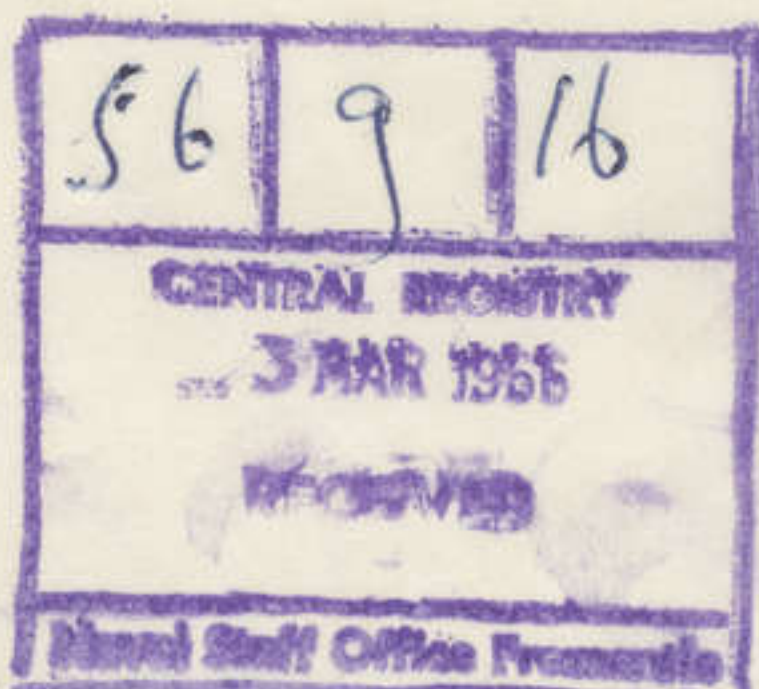
  
COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA.

14/3

ASB 15/3

TELEPHONE

Dee



REF. No. 1/19

H.M.A.S. DIAMANTINA,  
at Fremantle.

1 March, 1966.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.(copy to: The Hydrographer, R.A.N.  
GARDEN ISLAND. N.S.W).

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS  
FOR THE MONTH OF FEBRUARY, 1966.

Sir,

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of February, 1966.

2. DIAMANTINA cast off from No. 10A berth Fremantle at 0900 on Tuesday 1st and proceeded to sea with your Staff Officers embarked Sir, to carry out post refit trials. These were successful with the exception of the main machinery in which minor defects on the port main engine and starboard main circulating pump, requiring further harbour adjustments, were discovered.
3. Again at 0900 on Wednesday 2nd DIAMANTINA proceeded to sea to further test main machinery and on this occasion trials were satisfactory, except for the H.P piston packing of the port main engine, which required further work by the contractors.
4. Compasses were swung by the Port Compass Adjustor Captain J. Watson between 0900 and 1400 on Thursday 3rd, in Gage Roads and embarked for the day was a class of Junior Recruits for sea training.
5. On Friday 4th, I attended as your representative, the opening of the Western Fisheries Research Committee which had convened for 5 days at the Department of Fisheries and Fauna. These lectures dealt with the larval distribution of crayfish off the West Australian coast and summarised the findings so far in this research. Although inconclusive, it does appear that by day the larvae favour deep water in areas of high salinity, rising to the surface layers only at night time and that trawling can only be effective after dark. The larvae are also widely affected by currents and knowledge of these off the coast is still far from complete, although a lot of work has been done with "current cards." Because of the analysis of results obtained from DM 3/65 in October-November, 1965 the conference wished to change the pattern of traverses for DM 1/66 and I agreed that the proposed amendments be submitted through C.S.I.R.O Cronulla, to the Hydrographer.
6. On Sunday 6th, the ship was dressed overall, on the anniversary of the accession of Her Majesty Queen Elizabeth II.
7. From Monday 7th to Thursday 10th DIAMANTINA proceeded to sea each day at 0900 with a class of Junior Recruits embarked for sea training. This included sea boat drill, anchoring and weighing, laying and recovery of a dan buoy, experience on the wheel and visits to the engineroom.

...../2

8. Fumigation of the ship was carried out on Saturday 12th and Sunday 13th by the Port Section of the State Department of Health and during the period the ship was closed down, the Ship's Company was accommodated in H.M.A.S. LEEUWIN.

9. DIAMANTINA cast off from No. 10A berth at 0730 on Tuesday 15th and proceeded down Cockburn Sound to the State Ammunition Jetty at Woodman's Point to load ammunition, from the Royal Australian Navy Ammunition Depot, Byford, for dumping. Fortunately, it was a very calm day and berthing was relatively straight forward, letting go an anchor to hold up the bow and making a sternboard in on to the wharf. However the length of the wharf available with sufficient water, allows less than two thirds of the ship alongside and with a forecast of rising winds for the following day, I decided to load all the ammunition for dumping, rather than make two trips as originally planned. This was completed by 1400 and DIAMANTINA cast off at 1415 and proceeded out to a depth of over 300 fathoms, where dumping took place.

On completion, planktonological net testing by two C.S.I.R.O personnel was carried out for most of the night. These nets were of a new design with greater capacity and improved handling qualities and the tests proved most satisfactory.

10. DIAMANTINA secured to No. 10A berth at 0830 on Wednesday 16th and further adjustments to the port main engine bottom end bearings clearances were made by the contractors.

11. On Monday 21st DIAMANTINA cast off at 0830 and proceeded to sea with Junior Recruits embarked for sea training. H.M.A.S. SUPPLY (Captain N.E. McDonald A.D.C. R.A.N.) was just approaching the harbour as DIAMANTINA cleared North Mole.

U.S.S. CALCATERRA D.E.R. 590 (Lieutenant Commander W.F. Earl, U.S.N.) entered harbour at 1430 and secured alongside SUPPLY at No. 10 berth.

On return to harbour at 1600, I waited on Captain McDonald in SUPPLY.

12. DIAMANTINA proceeded to sea again for Junior Recruit sea training on Tuesday 22nd at 0900, returning to harbour at 1500.

Lieutenant Commander Earl called on me informally at 1530 and I returned his call at 1700.

13. DIAMANTINA remained in harbour on Wednesday 23rd to enable the contractors to further adjust the H.P piston packing on the port main engine.

14. U.S.S. CALCATERRA proceeded to sea bound for Aden at 0800 on Thursday 24th and DIAMANTINA cast off at 0900 for the day with Junior Recruits embarked, returning to harbour at 1500.

15. At 1030 on Friday 25th DIAMANTINA cast off and proceeded to sea to investigate a shoal patch reported by M.V. PORT ST. LAWRENCE 50 miles northwest of Fremantle. The area of reported shoaling was reached at 1600 and extensive sounding runs carried out. A steep decrease in depth of 70 fathoms was recorded over the track followed by the PORT ST. LAWRENCE but this was from 490 to 420 fathoms and not from 90 to 21 fathoms as reported. It was assumed therefore that the PORT ST. LAWRENCE was obtaining second trace echoes, as suggested in her Hydrographic Note. A plot of the soundings obtained, together with Echo Sounder Type 771 trace and the Hydrographic Note, have been forwarded separately to the Hydrographer.

SUPPLY cast off and proceeded to sea bound for Sydney at 1700.

16. At 1130 on Saturday 26th DIAMANTINA returned to harbour and secured to No. 10A berth, remaining alongside for the rest of the month.


...../3

17. The health and morale of the Ship's Company is good and their conduct satisfactory, although there has been an increase in minor offences, attributable to the general settling in of the Ordinary Seamen. Conditions on board and the appearance of the ship are good.

I have the honour to be

Sir,

Your obedient Servant,

  
(P.G. DUNCAN)

LIEUTENANT COMMANDER R.A.N.  
C A P T A I N

- Appendices A. Occasions of exceeding  
Economic Speed.  
B. Steaming Figures.  
C. Officer's Movements.

APPENDIX A

OCCASIONS OF EXCEEDING ECONOMICAL SPEED

NIL

APPENDIX B

STEAMING FIGURES.

(i)	MILES STEAMED	592.8
(ii)	TOTAL MILES STEAMED	192058.6
(iii)	HOURS UNDERWAY	103
(iv)	TOTAL HOURS UNDERWAY	19704
(v)	FUEL EXPENDED	145
(vi)	TONS/MILES FUEL	4.1

APPENDIX C

OFFICER'S MOVEMENTS

POSTED OUT OF SHIP

LT. T.J.N. LONG, R.A.N.E.R.	to SHORE on completion of 13 days A.C.T. - 16 February, 1966.
LT. (S.D) W.S.H. PORTER(B) R.A.N.	to ANZAC - 26 February, 1966.

JOINED SHIP

LT. T.J.N. LONG, R.A.N.E.R.	from SHORE on commencement of 13 days A.C.T. - 4 February, 1966.
A/SUB. LT. M.J. STREET, R.A.N.	from SYDNEY - 28 February, 1966.
A/SUB. LT. D.A. KINDON, R.A.N.	from SYDNEY - 28 February, 1966.

NAVY REGISTRY - RECORDING AND INDEXING INSTRUCTIONS

REGISTER ON CARD..... *18/6/620* .....

FILE TITLE..... *HMAS DIAMANTINA* .....

..... *Report of Proceedings Feb. 1966* .....

MARK TO..... *AS/WS* ..... BRANCH

OTHER DIRECTIONS.....

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INDEXING HISTORY	SUBJECT INDEX SYMBOLS	NAME INDEX SYMBOLS
INITIAL	:	: <i>A2</i>
INDEXING	:	:
SUBSEQUENT INDEXING	:	: D : A : T : E

CLASSIFIER..... *A* .....

DATE..... *11.3.66* .....



18/6

DEPARTMENT OF THE NAVY

18-6-624

MINUTE PAPER

Mar '66

HMAS Diamantina

Report of Proceedings

- ~~D OF A~~ 20/4
- ~~D/D OF P (A)~~ 20/4
- ~~DGFE~~ 21/4
- ~~DTWP~~ 21/4
- ~~D OF C~~ 30/4
- ~~DNAP~~ 3/5
- ~~CONS~~ 15/5
- ~~DNI~~ 20/5
- ~~HPB~~ 23/5
- ~~DCNP~~ 24/5
- ~~SA~~ 25/5
- ~~DMT~~ 31/5
- ~~DDM~~ 3/5
- ~~DES~~
- ~~DESD~~ 7/6
- ~~DNR~~
- ~~DNES~~
- ~~ACDC~~ 6/6
- ~~ACMD~~
- ~~ED~~ 6/6
- ~~AA~~ 11/7
- ~~MDG~~ 13/7
- ~~DNAS~~ 14/7
- ~~AS (NS) (N5)~~ 22/7
- REGISTRAR

D.N.A.B. 4 JUL 1966

DN 50/4

<del>AS (NS)</del>	<del>DCNS</del>	<del>2NM</del>	<del>4NM</del>	<del>DPR</del>	<del>REGISTRAR</del>	) Separate Report circulating
<del>D OF O</del>	<del>1NM</del>	<del>3NM</del>	<del>SEC</del>	<del>FAS (EG)</del>	<del>FAS (FM)</del>	
					<del>AS (NS) (N5)</del>	

- NOTES: (a) This report should be dealt with and passed on promptly.
- (b) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

2/24  
7/20/4

18 - 6 - 624

DEPARTMENT OF THE NAVY

MINUTE PAPER

Mar '66

HMAS

*Diamantina*

Report of Proceedings

*9/14*  
AS (NS)

D OF O *2/4*

DCNS *28/6/4*

1ST NM *27/4*

2ND NM *4/5*

3RD NM

4TH NM *5/5*

SEC

FAS (EG)

*69/5*  
FAS (FM)

DPR

*17/5*  
AS (NS) (N5)

REGISTRAR

<del>D OF P</del>	<del>DCNP</del>	<del>ACDC</del>
<del>D/D OF P(A)</del>	<del>DOA</del>	<del>ACMD</del>
<del>DTWP</del>	<del>DMT</del>	<del>DMED</del>
<del>D OF C</del>	<del>DDM</del>	<del>PNA</del>
<del>DNAP</del>	<del>DPS</del>	<del>DWE</del>
<del>CONS</del>	<del>DFSD</del>	<del>MDG</del>
<del>DNI</del>	<del>DNR</del>	<del>AS (NS) (N5)</del>
<del>HPB</del>	<del>DNES</del>	<del>REGISTRAR</del>
<del>FE</del>		

Separate Report Circulating

- NOTES: (a) This copy is circulated so that Board Members may see these reports soon after they reach Navy Office.
- (b) The report will be given to Board Members with Directors comments if there is any matter of special interest in those comments.

*23*

DEPT. OF NAVY CANBERRA		
18	6	624.
REF. No. 56/9/16		

COMMONWEALTH OF AUSTRALIA



DEPARTMENT OF THE NAVY

RECEIVED  
C 18 APR A.M.  
NAVY DEPT.

TELEPHONE:  
39 1521

NAVAL STAFF OFFICE  
BOX 58  
FREMANTLE, W.A.

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA A.C.T.

(Copy to: Flag Officer Commanding, H.M. Australian Fleet)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

Reference: Australian Navy Order 272/65.

The attached report in duplicate for the month  
of March, 1966, is forwarded.

COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA

*8/14 N... 19/4*

TELEPHONE

56	9	16
CENTRAL INDUSTRY		
12 APR 1966		
<del>RECEIVED</del>		
Naval Service Office Fremantle		

REF. No. 1/19

H.M.A.S. DIAMANTINA,  
at Fremantle.

8 April, 1966.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.(Copy to: The Hydrographer, R.A.N.  
GARDEN ISLAND. N.S.W).

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS  
FOR THE MONTH OF MARCH, 1966

Sir,

I have the honour to report the proceedings of H.M.A. Ship under my command for the month of March, 1966.

2. The first two days of the month were spent alongside No. 10A berth, North Wharf Fremantle, preparing for Cruise D.M. 1/66. Fuelling and storing were completed A.M. on Wednesday 2nd and C.S.I.R.O personnel loaded their equipment during the afternoon.

3. DIAMANTINA cast off and proceeded to sea at 0900 on Thursday 3rd to carry out Cruise D.M. 1/66. Passage out of Gage Roads was taken through the south channel and once clear of Rottnest Island a course was set to a point 10 miles S.W. of Cape Naturaliste.

The objects of this cruise were:

- (i) To study the distribution and growth of the larval stages of the West Australian Crayfish (*Panulirus cygnus*).
- (ii) To examine the hydrological conditions and circulation of the water masses off the West Australian coast.

In this respect, the cruise was the same as many others which have been carried out in previous years, however this one differed in that it was a composite version of two cruises and as such, was scheduled to be of three weeks duration, rather than the customary 14 days.

C.S.I.R.O personnel embarked for the cruise were:

Mr. .T.R. Cowper (Cruise Leader)  
Mr. F.N. Davies  
Mr. N. Dyson  
Mr. J.L. Klye  
Mr. L.R. Thomas

At 1400, the first hydrology station was worked in 40 fathoms and at 1900 DIAMANTINA was on the 100 fathom line ready to carry out the first deep water hydrology station on the southernmost westerly traverse at 33° 40' S. Hydrology stations up to 1500 metres were carried out 5 hourly and midwater and surface trawls between 2100 - 2300 daily, as past experience has shown that the larvae come up towards the surface at this time.

4. Adverse weather on 6th, 7th and 8th retarded the planned E.T.A. in Geraldton from 1600 until 2300 on Wednesday 9th and so rather than enter at this time, an amended E.T.A. was made for 1300 on Thursday 11th and further stations

...../2

to the north worked in the intervening period.

5. At 0630 on Thursday 10th a station was worked 10 miles to the west of the Abrolhos Islands and on completion course was set for Geraldton passing through the Islands by way of Middle Channel. A line of soundings was run during this passage, revealing some shallower patches than charted and a plot of these soundings, together with the others run during the cruise, has been forwarded direct to the Hydrographer.

DIAMANTINA was in the approach channel to Geraldton at 1230 dodging cray pot floats which were laid thickly down the line of the leads, presenting a spectacle rather like confetti after a wedding. At 1300 DIAMANTINA secured portside to No. 2 berth, and fuelling was commenced immediately. Water and a small quantity of fresh provisions were also embarked.

6. At 0900 on Friday 11th DIAMANTINA cast off and proceeded to sea to continue with Cruise D.M. 1/66. The first hydrology station was worked at 1615.

7. On Saturday 12th at 2100 a Japanese long liner, the NATSUSEI MARU NO.25 steaming to and recovering her line, was passed in position  $26^{\circ}11'S$   $108^{\circ}23'E$  and this occurrence has been separately reported.

8. The most northerly traverse,  $22^{\circ}S$  was completed on the evening of Wednesday 16th, when the coast was closed in the vicinity of North West Cape and course was then altered to the south to the area, where the greatest concentration of crayfish larvae had been found.

9. The quarterly Power Trial was carried out during the forenoon of Thursday 17th and all machinery operated quite successfully at 160 revolutions. Fortunately the weather on this day was relatively calm with only a slight swell fine on the bow, but it was the only day of the cruise suitable for such a trial.

10. A 40/60 shoot was carried out at 1300 on Friday 18th March, using a weighted meteorological balloon as a target. The results of the shoot were quite satisfactory.

On completion DIAMANTINA commenced a 48 hour period of both surface and midwater trawling around the position  $29^{\circ}S$   $112^{\circ}E$  this having been established as the area most likely to yield the greatest number of larvae. The yields far exceeded expectations and the value to be gained by C.S.I.R.O commensurately greater than had been anticipated.

11. DIAMANTINA left the trawling area on Sunday 20th and proceeded to the south to work the SCOR-UNESCO reference station in position  $32^{\circ}S$   $111^{\circ}50'E$ . When this was completed two more shallow hydrology stations were worked on the 100 fathom line on Monday 21st.

12. DIAMANTINA entered Fremantle Harbour and secured starboard-side to No. 10A berth North Wharf at 1500 on Monday 21st.

Cruise D.M. 1/66 had been a most successful and valuable one from the Scientific viewpoint. Apart from the large number of larvae collected, all hydrology stations were worked and a new and improved method of surface trawling was devised using the port lower boom.

13. H.M.A.S. PERTH (Captain I.H.S. Cartwright, R.A.N.) entered harbour at 0900 on Tuesday 22nd and secured at No. 7 berth, North Wharf. Because of his very full programme Captain Cartwright, wished to consider calls paid and returned.

In the evening, DIAMANTINA's Officers joined with H.M.A.S. LEEUWIN and Reserve Officers as hosts to PERTH at a reception given in the grounds of LEEUWIN.

14. On Wednesday 23rd, I attended a civic reception given by His Worship the Mayor of Fremantle, Sir Frederick Sampson to the Ship's Company of PERTH. This was held in the recently completed Exhibition Hall, adjoining the Fremantle Civic Centre.

15. Flags were halfmasted from colours until sunset on Thursday 24th on the occasion of the State Funeral of the late Sir Dallas Brooks former Governor of Victoria.

DIAMANTINA was shifted by tugs and pilot, from alongside No. 10A berth at 0900 to alongside the merchant ship ANNA BAKKE at No. 10 berth. The reason for this move was so that the floating crane could get into No. 10A berth, lift concrete blocks, which are being made on the wharf and transport them across the harbour to be used as decking for the new berth being constructed at H shed on Victoria Quay. Unfortunately the crane cannot plumb over the ship at a safe working radius for the weights involved and thus the berth must be vacated every Thursday, while construction goes on. The shift back to No. 10A berth was made by tugs and pilot at 1400.

Notice for steam was extended to 24 hours for the Short Self Maintenance period.

16. I attended an "At Home" in PERTH on Friday 25th at 1830, given by the Captain and Officers.

17. PERTH cast off from No. 7 berth at 0900 on Saturday 27th bound for Adelaide.

18. During the Short Self Maintenance period, Contractor's assistance was sought for a number of defects, the most urgent being the starboard main thrust block, which had been found on planned maintenance inspection, to require renewal of the ahead thrust pads and remetalling and machining of the thrust shaft.

19. On Tuesday 29th I attended the Evening Garden Party in honour of Her Majesty Queen Elizabeth, the Queen Mother, given by His Excellency, The Governor and Lady Kendrew.

20. DIAMANTINA was shifted by tugs and pilot again on Thursday 31st, to the western mooring buoy, returning to No. 10A berth at 1430.

21. The health, morale and conduct of the Ship's Company is good and conditions onboard and the appearance of the ship are quite satisfactory.

I have the honour to be

Sir,

Your obedient Servant,

*P.G. Duncan*

(P.G. DUNCAN)  
LIEUTENANT COMMANDER R.A.N.  
CAPTAIN

- Appendices A. Occasions of exceeding  
Economic Speed.  
B. Steaming Figures.  
C. Officer's Movements.

APPENDIX A

OCCASIONS OF EXCEEDING ECONOMICAL SPEED

DATE	FROM	TO	REVOLUTIONS	SPEED	REASON
17 March, 1966	0800	1137	160	16	Quarterly Full Power Trial.

APPENDIX B

STEAMING FIGURES

(i)	MILES STEAMED	4283.1
(ii)	TOTAL MILES STEAMED	196341.7
(iii)	HOURS UNDERWAY	414
(iv)	TOTAL HOURS UNDERWAY	20118
(v)	FUEL EXPENDED	526
(vi)	TONS/MILES FUEL	8.1

APPENDIX C

OFFICER'S MOVEMENTS

JOINED SHIP

LT. G.C. GILMOUR (S) R.A.N.R.

from SHORE on commencement of  
13 days A.C.T. - 25 March, 1966.

DEPARTMENT OF THE NAVY

18.6.638

MINUTE PAPER

HMAS

*Diamondina*

Report of Proceedings *April 66*

AS (NS)

*17/5* Paras 10-12 have been referred to CEO (G5) for legal opinion.

D OF O

*D of O will be meeting Captain W. H. Hilder (Adelaide Ports and Traffic Manager) at a meeting in Melbourne on 25 May and will try to resolve Paras 10-12. This is apparently a state law and PERTH was also forced to take a pilot. @ 20/5.*

DCNS

*By D of P for DENS.*

*I would prefer to see an official enquiry raised through NOTCSA.*

1ST NM

2ND NM

3RD NM

4TH NM

SEC

AS (EG)

FAS (EM)

DER

AS (NS) (N5)

REGISTRAR

*AS (NS) Action on file 465.9.52. A.*

*Reminder to see PL 21/6/66*

*\* Seen PL 23/6/66.*

B OF P

D/D OF P(A)

DTWP

D OF C

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CONS

DNI

CB

IFE

DCNP

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DMT

DDM

DPS

DFSD

DNR

DNES

ACDC

ACMD

DMED

PNA

DWE

MDG

AS (NS) (N5)

REGISTRAR

Separate Report Circulating }

NOTES: (a) This copy is circulated so that Board Members may see these reports soon after they reach Navy Office.

(b) The report will be given to Board Members with Directors comments if there is any matter of special interest in those comments.

*\* This, strangely enough as one of the few ships of the RAN I have not visited*

*22/10*

*at 20/5*



DEPT. OF NAVY  
CANBERRA  
18 6 638  
REF. No.  
56/9/16

COMMONWEALTH OF AUSTRALIA



DEPARTMENT OF THE NAVY

RECEIVED  
C 13 MAY A.M.  
NAVY REGISTRY  
TELEPHONE:  
39-1521

NAVAL STAFF OFFICE,  
FREMANTLE, W.A.

10 MAY 1966


The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA .. A.C.T.

(Copy to: Flag Officer Commanding, H.M. Australian Fleet)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

Reference: Australian Navy Order 272/65

The attached report in duplicate for the  
month of April, 1966 is forwarded.

  
COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA.

OR 16/5  
AS Ballin 11/5

Sir.

TELEPHONE:

56	9	16
ROYAL AUSTRALIAN NAVY		
CENTRAL OFFICE		
- 9 MAY 1966		
RECEIVED		
Naval Staff Office Fremantle		

St 6299

201

IN REPLY  
QUOTE No. 1/19

H.M.A.S. DIAMANTINA,  
at Fremantle

1 May, 1966.

The Naval Officer-in-Charge  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, R.A.N. GARDEN ISLAND, N.S.W.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR THE  
MONTH OF APRIL, 1966.

Sir,

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of April, 1966.

2. On Friday 1st, the ship was dressed overall in honour of Her Majesty Queen Elizabeth, The Queen Mother, who after visiting Fremantle was returning to Perth via the Swan River.

During the forenoon, the Hydrographer Royal Australian Navy, Captain G.D. Haslam O.B.E., R.N., who was visiting Perth for a Surveyors' conference, called informally on the ship and after discussing present and future hydrographic and oceanographic commitments and walking round the ship, lunched on board with me.

In the afternoon all hands manned ship and cheered as Her Majesty, The Queen Mother, passed in the Fremantle Port Authority barge, CHALLENGER.

3. Basin trials were carried out at 40 revolutions alongside No.10A berth on Monday 4th and on successful completion, notice for steam was reduced to 8 hours.

4. DIAMANTINA proceeded to sea at 0900 on Tuesday 5th, with Junior Recruits embarked for sea training. Sea boat drops were carried out during the forenoon, an anchorage carried out in the afternoon and a dan buoy laid and recovered. On completion, the ship returned to harbour securing at No. 10A berth, North Wharf.

5. On Wednesday 6th another class of Junior Recruits was taken to sea for the day and a similar programme to the previous day carried out. On return to harbour the ship secured at "D" Shed, Victoria Quay, to leave No. 10A berth free for the usual Thursday visit of the floating crane to pick up concrete blocks and transport them to "H" Shed.

6. At 1015 on Thursday 7th berth was shifted from D Shed to No. 10A berth under own power and the ship remained alongside over the Easter Weekend.

7. DIAMANTINA cast off from No. 10A berth Fremantle at 0900 on Tuesday 12th and proceeded to sea for Cruise D.M. 2/66. Embarked for training were 3 R.A.N.R. Officers and 8 Sailors and 1 C.S.I.R.O. Technical Assistant Mr. F. Davies.

Course was set to clear Gage Roads through the southern channel, but on approaching the leads and losing the lee of the Stragglers a 6-8 foot swell was evident and so passage was taken round the north of Rottnest Island. Speed down the coast to Cape Leeuwin, had to be reduced to 10 knots for most of the distance, due to head seas.

Track across the Great Australian Bight was run along  $35^{\circ}05'S$  and continuous soundings taken at the direction of the Hydrographer R.A.N. Clocks were advanced 1 hour to Zone -9 on Thursday 14th and half an hour to Zone  $-9\frac{1}{2}$  on Friday 15th.

8. DIAMANTINA entered Spencer Gulf through the Thorny Passage during the morning watch on Saturday 16th and after passing into Boston Bay via the North Channel, secured to No. 2 Berth on Brennan Jetty at 0900.

The remaining members of the C.S.R.I.O. team for D.M. 2/66;

Messers	D. Vaux	- Cruise Leader
	J.L. Klye	
	R.A. Bradley	
	A.L. Brown	

joined during the forenoon with their equipment and DIAMANTINA cast off and proceeded out of Boston Bay into Spencer Gulf via the souther entrance at 1600.

The objects of this cruise were to examine the chemical and physical environment during the South Australian tuna season.

Hydrology stations were worked in the Gulf at  $1\frac{1}{2}$  hour intervals throughout the night and early morning of Sunday 17th, when the ship proceeded again into the Great Australian Bight.

9. From Sunday 17th to Thursday 21st hydrology stations were worked from the vicinity of Eyres Peninsula westward to Anxious Bay, then south and eastwards into St. Vincent Gulf. This pattern of stations proved to be a much more interesting one than the usual cruises undertaken off the W.A. coast for the reason that the route lay much closer inshore and between numerous islands. The Reserve Officers on board for training thus gained far greater terrestrial navigation experience than would normally have been the case.

10. DIAMANTINA was off the Adelaide Fairway Beacon at 1500 and at 1520 a Pilot was embarked. The services of a Pilot were not required and had not been requested; however a message from the Naval Officer-in-Charge, SOUTH AUSTRALIA directed me to take one, stating that the Sought Australian Marine and Harbour Acts make the services of a Pilot mandatory for all ships. This appears to be contrary to Article 3572 of Regulations and Instructions for the Royal Australian Navy, which makes no mention of Adelaide being an exception. Indeed it was noted, both going up and coming down the river, that there were merchant ships wearing the pilotage exemption signal prescribed in the Port Regulations.

Passage of the Outer Harbour and Port River was negotiated uneventfully. The charts and marks were more than adequate for pilotage by one of H.M.A. Ships. Without reference to the detailed local knowledge of a Harbour Pilot and DIAMANTINA secured to the B.P. Oil Dolphins at 1650.

Fuelling was commenced immediately and completed by 2000.

11. Berth was shifted from the B.P. Dolphins to D berth Birkenhead, a distance of 1 mile, at 0745 on Friday 22nd and again a Pilot, unrequested, came on board for the move.

At 1030 I called on the Naval Officer-in-Charge, SOUTH AUSTRALIA Acting Commander J. Griffin M.V.O., R.A.N., at H.M.A.S. ENCOUNTER and Commander Griffin returned my call informally at 1130.

12. DIAMANTINA cast off from D berth Birkenhead at 0755 on Monday 25th again with a Pilot embarked. After clearing the Outer Harbour he was transferred to the Pilot Launch and the ship proceeded out of St. Vincent Gulf via Investigator Strait. Colours were half masted from 0800 - 1200 and at 1130 an Anzac Day Commemoration Service was held.

13. The trip across the Great Australian Bight to Cape Leeuwin was steamed along  $35^{\circ}53'S$  to obtain further soundings required by the Hydrographer R.A.N. and was only eventful for the extremely calm conditions prevailing, which made the passage very pleasant. Clocks were retarded 1 hour to Zone  $-8\frac{1}{2}$  on Wednesday 27th and  $\frac{1}{2}$  an hour to Zone  $-8$  on Thursday 28th.

14. On Friday 29th, DIAMANTINA entered Fremantle Harbour, after proceeding through the South Channel into Gage Roads and secured to No. 10A berth, North Wharf at 1015.

15. The health and morale of the Ship's Company is good and their conduct very satisfactory. Conditions onboard and the appearance of the ship are good.

I have the honour to be

Sir,

Your obedient Servant,



(P.G. DUNCAN)

LIEUTENANT COMMANDER R.A.N.

CAPTAIN

Appendices A. Occasions of Exceeding  
Economical Speed.  
B. Steaming Figures.  
C. Officer's Movements.

APPENDIX A

OCCASIONS OF EXCEEDING ECONOMICAL SPEED

N I L .

APPENDIX B

STEAMING FIGURES

(i)	MILES STEAMED	3,903.4
(ii)	TOTAL MILES STEAMED	200,245.1
(iii)	HOURS UNDERWAY	328
(iv)	TOTAL HOURS UNDERWAY	20,446
(v)	FUEL EXPENDED	480
(vi)	TONS/MILES FUEL	8.1

APPENDIX C

OFFICER'S MOVEMENTS

POSTED OUT OF SHIP

6 April - LT. G.C. GILMOUR (S) R.A.N.R.	to SHORE on completion of 13 days A.C.T.
8 April - A/S LT. M.J. STREET (SL) R.A.N.	to RUSHCUTTER - Supervisory Diving Officer's course.
29 April - S/LT R. POLLOCK (X) R.A.N.R.	to SHORE on completion of 18 days A.C.T.
29 April - LT. D.G.H. BANTOCK (X) R.A.N.R.	to SHORE on completion of 18 days A.C.T.

JOINED SHIP

8 April - LT. O. PELCZAR (X) R.A.N.R.	from SHORE on commencement of 24 days A.C.T.
1 April - S/LT. R. POLLOCK (X) R.A.N.R.	from SHORE on commencement of 18 days A.C.T.
12 April - LT. D.G.H. BANTOCK (X) R.A.N.R.	from SHORE on commencement of 18 days A.C.T.
25 April - LT. B.L. HAUGAARD (X) R.A.N.R.	from SHORE on commencement of 13 days A.C.T.

CONFIDENTIAL

DEPARTMENT OF THE NAVY

MINUTE PAPER

18-206-665

HMAS

*Diamantina*

Report of Proceedings *May 66*

- ~~D/D OF P~~ *24/6*
- ~~D/D OF P (A)~~ *24/6*
- ~~DGFE~~ *23/6*
- ~~DTWP~~ *29/6*
- ~~D OF C~~ *29/6*
- ~~DNAP~~ *30/6*
- ~~CONS~~ *24/7*
- ~~DNI~~ *4/7*
- ~~HPB~~ *8/7*
- ~~SNP~~ *11/7*
- ~~DOA~~ *11/7*
- ~~DMT~~ *11/7*
- ~~DDM~~ *11/7*
- ~~DPS~~ *30/8*
- ~~DFSD~~ *31/8*
- ~~DNR~~ *30/8*
- ~~DNES~~ *31/8*
- ~~ACTC~~ *31/8*
- ~~ACMD~~ *10/9*
- ~~ACED~~ *11/9*
- ~~ACTA~~ *14/9*
- ~~DWE~~ *14/9/1966*
- ~~MDG~~ *21/9*
- ~~DNAS~~ *21/9*
- ~~AS (NS) (N5)~~ *23/9*
- REGISTRAR

19 SEP 1966

<del>AS (NS)</del>	<del>DCNS</del>	<del>2NM</del>	<del>4NM</del>	<del>DPR</del>	<del>REGISTRAR</del>	} Separate Report circulating
<del>D OF O</del>	<del>1NM</del>	<del>3NM</del>	<del>SEC</del>	<del>FAS (EG)</del>	<del>FAS (FT.)</del>	
				<del>AS (NS)</del>	<del>(N5)</del>	

- NOTES: (a) This report should be dealt with and passed on promptly.
- (b) On this file comments should be brief; if any matter requires comprehensive treatment reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

CONFIDENTIAL

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CONFIDENTIAL

DEPARTMENT OF THE NAVY

WHITE PAPER

17 Sep 52

Report of Submarine

1/10/52  
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18 SEP 1952

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DEPARTMENT OF THE NAVY

18-206-665

MINUTE PAPER

HMAS

*Diamantina*

Report of Proceedings *May '66*

~~AS (NS)~~ *2/6*

~~D OF O~~

~~DCNS~~

~~1ST NM~~ *29/6*

~~2ND NM~~ *29/6*

~~3RD NM~~ *4/7*

~~4TH NM~~

~~SEC~~

~~FAS (EG)~~

~~LS (FM)~~

~~DPR~~

~~AS (NS) (N5)~~ *2/6*

REGISTRAR

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~~REGISTRAR~~

} Separate Report Circulating

- NOTES: (a) This copy is circulated so that Board Members may see these reports soon after they reach Navy Office.
- (b) The report will be given to Board Members with Directors comments if there is any matter of special interest in those comments.

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DEPT OF NAVY  
CANBERRA  
CONFIDENTIAL 206 665

REF. No.

56/9/16

TELEPHONE:  
39-1521

DEPARTMENT OF THE NAVY

NAVAL STAFF OFFICE,  
FREMANTLE, W.A.

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA .. A.C.T.

(Copy to: Flag Officer Commanding, H.M. Australian Fleet)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

Reference: Australian Navy Order 272/65

The attached report in duplicate for  
the month of May, 1966 is forwarded.

*ASNS 15/6*  
*W.B.M. 2/6*

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COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA.

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ROYAL AUSTRALIAN NAVY

203

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CENTRAL HEADQUARTERS 10 JUN 1966 RECEIVED Naval Staff Office Fremantle		

REF. NO. 01/33

H.M.A.S. DIAMANTINA,  
at Sea.

1 June, 1966.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(copy to: The Hydrographer, R.A.N.  
GARDEN ISLAND. N.S.W).

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR THE MONTH OF  
MAY 1966.

Sir,

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of May, 1966.

2. From Sunday 1st to Wednesday 4th DIAMANTINA was alongside No. 10A berth, North Wharf Fremantle and during this time fuel and stores were embarked in preparation for Cruise DM 3/66. A number of urgent defects were also taken in hand by contractors.

3. Berth was shifted, from No. 10A to alongside the merchant ship REIDERSTEIN on No. 10 Berth, at 0800 on Thursday 5th to enable the floating crane to carry out its usual concrete block moving task and at 1130 DIAMANTINA returned to No. 10A berth. Both moves were made under own power. During the afternoon, the C.S.I.R.O. personnel joining the ship for Cruise DM 3/66 commenced bringing equipment on board and a new hydrology wire of 8,000 metres was shipped on the hydrology winch. In the evening a Ship's Company Ball was held at the Subiace City Hall which I attended.

4. At 1145 on Friday 6th, U.S.S. BUGARA SS.331 (Commander W.J. Steehr, USN) entered harbour and secured between C and D sheds, Victoria Quay. The purpose of her visit was to participate in the Coral Sea celebrations. I lunched with you Sir, at 1230 when your guests were Sir Frederick Sampson, The Mayor of Fremantle, Mr. Mayfield, the U.S. Consul, Commander Steehr and the Captain elect of BUGARA, Lieutenant Commander G.S. Platt, U.S.N. At 1530, I attended the Civic reception given by His Worship the Mayor of Fremantle, Sir Frederick Sampson and councillors for the Captain and Officers of BUGARA at which you Sir, were present.

5. The Captain elect of BUGARA, Lieutenant Commander G.S. Platt, U.S.N. called on me at 1145 on Saturday 7th and my Officers entertained BUGARA's Wardroom.

6. DIAMANTINA cast off from No. 10A berth North Wharf, Fremantle at 1000 on Monday 9th and proceeded to sea, to carry out cruise DM 3/66. Additional personnel embarked for the cruise were; 1 R.A.N.R. Officer Lieutenant B.H. Keen, 6 R.A.N.R. sailors and 6 C.S.I.R.O scientists,

- H.R. Jitts - Cruise Leader
- J.W. Prothere
- T.C. Middleton
- N. Dyson
- B.D. Scott
- L.R. Thomas

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2.

The objects of the cruise are : -

- (i) To measure dissolved organic matter produced by phytoplankton during photosynthesis.
- (ii) To study the relation of phytoplankton photosynthesis to light intensity and colour.
- (iii) To collect data on the extent and characteristics of the Banda Intermediate Water between 15°S and 50°S, during the early winter.
- (iv) To collect crayfish larvae across the gyral off the West Australian coast, south of 20°S.

After clearing Rottneest Island a course of 270° was steered to the SCOR-UNESCO Reference Station 1 in position 32°S 111°50'E, where the first hydrological sampling was carried out. Course of 270° was maintained for 850 miles, time and position stations being worked from 0830 - 1130 daily followed by photosynthesis, with a surface and midwater trawl from 2100 - 2300 daily.

7. Clocks were retarded 1 hour to Z-7 on 10th May.

8. On Friday 13th DIAMANTINA was at the western extremity of the first traverse and course was altered to 020° for Christmas Island. On this 2nd traverse of 1,600 miles the same daily pattern of hydrology stations, photosynthesis and trawls was carried out until reaching the latitude 20°S when trawling for crayfish larvae was discontinued and a night hydrology station substituted.

9. The weather during these first two traverses was characterised by south westerly winds of Force 3-4 with periods of calm but north of 15°S, when the trade wind belt was entered, these winds were found to be easterly rather than south easterly and were blowing at an intensity hitherto unexperienced, of Force 5-6.

10. Better progress than had been scheduled in the cruise plan was made and permission was sought and obtained from the Naval Board, to arrive at Christmas Island on Wednesday 18th instead of 19th and to spend two days there.

11. DIAMANTINA secured to "C" Buoy, Flying Fish Cove, Christmas Island using port bridle, at 1600 on Wednesday 18th, virtually at the bottom of the Official Residence garden and in the lee of 800 feet high cliffs; a most picturesque and beautiful setting.

The Harbour Master and Superintendent of Police, boarded on securing, to advise on local information and laws concerning the landing of libertymen and to finalise details of boat assistance and a most impressive programme of recreation and entertainment arranged for the ship.

At 1700 I called on the Official Representative J.W. Stokes, Esq. at his Residence and also present was the British Phosphate Commission Manager Mr. K. Lourey.

Fifty of the island population, including the Official Representative and his daughter Mrs. Simon and representatives of the Malayan and Chinese communities were entertained on B gundeck from 1830-2030, after which a dance for Officers and 40 Ship's Company was held in the Christmas Island Club.

12. Car tours of the island were arranged on Thursday 19th and I was driven by the B.P.C. Manager Mr. Lourey over the greater part of the accessible areas. A good road running beside the standard gauge railway line connects the settlement at Flying Fish Cove with the main phosphate diggings at South Point, from where the phosphate is taken by rail after having been crushed, to drying sheds and the moisture content reduced from 20% of the total weight to 4%, purely as an economy in shipping. From the drying sheds it is removed by conveyor belts to the storage bins and loaded into ships moored under the cliffs by a huge cantilever arm which allows very fast and efficient loading.

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All phases of the operations from the digging to loading are mechanical and equipment worth millions of dollars is used. All the labour is performed by Asians, the great majority of whom are Singapore Chinese, although there are some Malays both from Malaysia and from Cocos Islands. The total Asian population is just over 3,000.

The vegetation of the island is very dense and of the tropical rain forest variety rather than actual jungle, and happily is not inhabited by anything more fearsome and venomous than millions of land crabs, there being no indigenous animals or reptiles at all. A very notable feature though, are the myriad and beautiful sea birds which have made the island their home. The old theory that the phosphate emanated from the bird droppings, has lost credence among the latter day geologists although it still has some adherents. Geological opinion now generally believes that the phosphate is of marine origin and has been brought by ocean currents to gathering places around the world, one of which is Christmas Island. Recent surveys suggest that almost the entire island is covered with phosphate of varying grades, all of which should be useable with further research.

13. The Intelligence Officer, Sub Lieutenant (S.D.) M.T. Roberts (N) R.N. called on the Official Representative in connection with his Naval duties and as well as mustering his books, was able to advise him on other aspects of the work. A separate report has been rendered on this visit.

14. Golf and soccer matches were played against the Island in the afternoon and in the latter, although the ship fought hard, they were no match for the very skilful Chinese and Malayan team turned out.

Between 1400 and 1700, 250 schoolchildren were shown over the ship most of them being Chinese.

In the evening, I attended with my Officers and C.S.I.R.O. Officers, a cocktail party given by the Official Representative and his daughter at the Residence, after which entertainment was again provided at the Christmas Island Club. As on the previous night, there were quite a number of sailors present, both by general and private invitation, the club being the centre of activity, as is the usual case in small isolated communities. It is worthy of mention that their conduct and demeanour were very good, without detracting from their own enjoyment of the occasion and were favourably commented on by a number of residents including the Official Representative.

15. At 0800 on Friday 20th DIAMANTINA slipped from "C" Buoy and proceeded to sea. The hospitality and interest shown by all members of the community had been overwhelming and the two day visit was a great success.

Upon clearing Flying Fish Cove, course was set for Sunda Strait. Between 1930-2330 the SCOR - UNESCO Reference Station 2 in position 9°S 105°E was worked, this being the last station south of Singapore.

16. At 1330 on Saturday 21st DIAMANTINA was abeam of Java Head and commenced the northerly passage of Sunda Strait, steaming in modified and not obvious defence watches. The whole passage was peaceful and uninterrupted by aircraft or ships of any description. By 1830, the strait had been cleared and course was set for Gaspar Strait.

17. Passage of Gaspar Strait started at 0600 on Sunday 22nd, the ship being clear several hours later. Again no aircraft or ships, other than small fishing vessels were encountered and passage to Malacca Strait was continued throughout the day.

18. At 0001 on Monday 23rd clocks were advanced  $\frac{1}{2}$  hour to Zone - 7 $\frac{1}{2}$ . It was observed that Tanjong Berakit Light on the N.E. corner of Bintan Island was not lit, but to make up for its absence, the intensity of Horsborough Light at the entrance to the strait has been increased.

DIAMANTINA secured starboard side to No. 6 berth, Stores Basin in Singapore Dockyard at 1000 and fuelling was commenced immediately.

19. At 1030 on Tuesday 24th I called on the Acting Chief of Staff to the Commander Far East Fleet, Captain C.K. Roberts D.S.O. R.N., as both the Admiral and his Chief of Staff were absent from Singapore.

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CONFIDENTIAL

4.

I also called on the Commodore Superintendent Singapore, Commodore R.C. Paige R.N. at 1430.

20. Discussions with the staff were held on Wednesday 25th to determine more fully the role to be carried out during August - November in Operation MONSEA.
21. DIAMANTINA cast off from No. 6 berth Singapore Dockyard, at 0900 on Thursday 26th and proceeded south through Gaspar and Sunda Straits to the Indian Ocean. Again there was no noticeable interest at the ship's progress.
22. By 0900 on Saturday 28th the ship was 30 miles to the south of Java Head and the first hydrology station was worked. A course was then set to a point 200 miles south of Cocos Island and a 700 mile traverse commenced carrying out six hourly stations. Again easterly winds of force 5 - 6 were experienced.
23. At 1200 on Monday 30th, course was altered to the north for Cocos Island 220 miles distant. Clocks were retarded 1 hour during the dog watches to Z -6 $\frac{1}{2}$ .
24. South Island of the South Cocos (Keeling) Island Group was sighted at 0745 on Tuesday 31st and at 0845 DIAMANTINA was on the approach course to an anchorage in the Port Refuge just outside the lagoon. Torrential rain at this juncture completely obliterated all land and the ship was put about and stood out to sea until conditions had cleared. At 0945 DIAMANTINA came to port anchor 5 shackles in 5 fathoms and almost immediately the Official Representative P.W. Ryan Esq. accompanied by the D.C.A. Manager and the D.C.A. Marine Superintendent came onboard. Quite a full programme of sporting activities had been arranged although it was necessary to curtail some of these, due to the number of hands who could be allowed to land under the prevailing weather conditions. Together with the Cruise Leader Mr. H.R. Jitts and four of my Officers, I lunched at the Residence with the Official Representative and Mrs. Ryan, after which we watched the cricket match between the Island and the ship. Unfortunately the sea was considered too choppy for school children to visit the ship and as boat traffic is not run at night in any conditions other than flat calm, a cocktail party which had been arranged for 70 residents had to be cancelled and leave terminated at 1700. Due to rising winds and the proximity of the anchorage to the reef, I decided against remaining overnight and DIAMANTINA weighed and proceeded at 1800 on a course of 350° for the N.W. tip of Sumatra. The short visit was a most enjoyable one amongst hospitable people and it was unfortunate that it had to be made so brief.
25. The health, morale and conduct of the Ship's Company is very good and the appearance of the ship is at a high standard. Conditions on board are reasonable considering the age of the ship and absence of airconditioning, only becoming very unpleasant and enervating when not underway.

I have the honour to be

Sir,

Your obedient Servant,

*P.G. Duncan*

(P.G. DUNCAN)

LIEUTENANT COMMANDER R.A.N.

CAPTAIN

- Appendices A. Occasions of exceeding Economical Speed.  
B. Steaming Figures.  
C. Officers' Movements.  
D. Sporting Contests.

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## APPENDIX A

### OCCASIONS OF EXCEEDING ECONOMICAL SPEED

N I L .

## APPENDIX B

### STEAMING FIGURES

(i)	MILES STEAMED	4,432.9
(ii)	TOTAL MILES STEAMED	204,678.0
(iii)	HOURS UNDERWAY	424.0
(iv)	TOTAL HOURS UNDERWAY	20,870.0
(v)	FUEL EXPENDED	610.0
(vi)	TONS/MILES FUEL	7.26

## APPENDIX C

### OFFICER'S MOVEMENTS

#### JOINED SHIP

2 May - SGN LT. D.R. CANDY, R.A.N. from ALBATROSS.  
6 May - A/SLT (S.L) W.J. STEWIEN (X) R.A.N. from RUSHCUTTER.  
8 May - A/SLT (S.L) M.J. STREET (X) R.A.N. from RUSHCUTTER o/c S.D.O. Course.  
9 May - LT. B.H. KEEN (S) R.A.N.R. from SHORE on commencement of 43 days ACT.

#### POSTED OUT OF SHIP

1 May - LT. O. PELCZAR (X) R.A.N.R. to SHORE on completion of 24 days ACT.  
7 May - LT. B.L. HAUGAARD (X) R.A.N.R. to SHORE on completion of 13 days ACT.

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APPENDIX D

SPORTING CONTESTS.

CHRISTMAS ISLAND

- SOCCER - CHRISTMAS ISLAND 5 defeated DIAMANTINA 1.
- GOLF - DIAMANTINA 5 defeated CHRISTMAS ISLAND 3.

COCOS ISLAND

- CRICKET - COCOS ISLAND 9/86 defeated DIAMANTINA 55.
- TENNIS - DIAMANTINA 6 defeated COCOS ISLAND 4.
- GOLF - DIAMANTINA 4 DREW WITH COCOS ISLAND 4.

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11/8

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DEPARTMENT OF THE NAVY

18-206-715

MINUTE PAPER

June '66

HMAS Dramantina

Report of Proceedings

~~D OF B~~ 2/1/6

~~D/D OF P (A)~~

~~DGPE~~

~~DTWP~~

~~D OF C~~

~~DNAP~~ 9/8

~~CONS~~

~~DNI~~

~~HPB~~ 8/18

~~DCNP~~

~~DOA~~

~~DMT~~

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~~DPS~~

~~DESD~~ 16.19

~~DNR~~

~~DNES~~ 1/9

~~ACDC~~

~~ACMD~~

~~ED~~

~~RETR~~ 18/9

~~DWE~~ 26/9

~~MDG~~ 28/9

~~DNAS~~ 3/10

~~AS (NS) (N5)~~

REGISTRAR

<del>AS (NS)</del>	<del>DCNS</del>	<del>2NM</del>	<del>4NM</del>	<del>DPR</del>	<del>REGISTRAR</del>	) Separate ) Report ) circulating
<del>D OF O</del>	<del>1NM</del>	<del>3NM</del>	<del>SEC</del>	<del>FAS (EG)</del>	<del>FAS (FM)</del>	
					<del>AS (NS) (N5)</del>	

- NOTES: (a) This report should be dealt with and passed on promptly.
- (b) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

**CONFIDENTIAL**

29 SEP 1966  
DAS

9/30



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DEPARTMENT OF THE NAVY

MINUTE PAPER

13-206-112

REPORT OF INVESTIGATION

*[Faint, mostly illegible handwritten notes and signatures on the right side of the page, including names like 'D. J. ...' and '...']*

*[Handwritten circled text containing the number '100' and other illegible characters.]*

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DEPARTMENT OF THE NAVY

18.206.715

MINUTE PAPER

HMAS Diamantina

Report of Proceedings June 66

~~AS (NS)~~ *2/2/47*

~~D OF O~~

~~DCNS~~ *RD 2/7*

~~1ST NM~~ *2/2/47*

~~2ND NM~~ *29/1/47*

~~3RD NM~~ *2/6/48*

~~4TH NM~~ *2/11/48*

~~SEC~~

~~FAS (EG)~~

~~S (FM)~~

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~~AS (NS) (N5)~~ *2/1/49* *2/1/49*

REGISTRAR

<del>D OF P</del>	<del>DCNP</del>	<del>ACDC</del>
<del>D/D OF P(A)</del>	<del>DOA</del>	<del>ACMD</del>
<del>DTWP</del>	<del>DMT</del>	<del>DMED</del>
<del>D OF C</del>	<del>DDM</del>	<del>PNA</del>
<del>DNAP</del>	<del>DPS</del>	<del>DWE</del>
<del>CONS</del>	<del>DFSD</del>	<del>MDG</del>
<del>DNI</del>	<del>DNR</del>	<del>AS (NS) (N5)</del>
<del>HPB</del>	<del>DNES</del>	<del>REGISTRAR</del>
<del>FFE</del>		

Separate Report Circulating

- NOTES: (a) This copy is circulated so that Board Members may see these reports soon after they reach Navy Office.
- (b) The report will be given to Board Members with Directors comments if there is any matter of special interest in those comments.

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*12/29*

COMMONWEALTH OF AUSTRALIA



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56/9/16

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DEPARTMENT OF THE NAVY

NAVAL STAFF OFFICE,  
P.O. Box 58, FREMANTLE, W.A.

19th July, 1966.

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA, A.C.T.

Copy to: Flag Officer Commanding H.M. Australian Fleet.

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

The attached Report of Proceedings of H.M.A.S. DIAMANTINA for the month of June, 1966 is submitted.

*AS (NS) 22/7*

*NS 26/7*

COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA

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ROYAL AUSTRALIAN NAVY

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QUOTE No. 01/33

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H.M.A.S. DIAMANTINA  
At Fremantle  
9th July, 1966

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA

(Copy to: The Hydrographer, R.A.N.  
GARDEN ISLAND, N.S.W. )

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS  
FOR THE MONTH OF JUNE, 1966

Sir,

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of June, 1966.

2. On Wednesday, 1st DIAMANTINA was north of the Cocos (Keeling) Islands on a course to the N.W. tip of Sumatra. The same pattern of time and position stations was carried out as on the previous traverses; 0830 - 1130 daily, followed by photosynthesis, with a two hour station from 2100 - 2300 and a one hour station during the middle watch.

3. On the afternoon of Saturday 4th the ship was visited by their Majesties King Neptune and Queen Amphitrite accompanied by a most enthusiastic court of retainers, to initiate 52 novices at a traditional crossing the line ceremony.

4. It had become apparent as this leg of the trip progressed, that the results being gained from the hydrology dips did not justify duplication of stations to the west and north of Sumatra and accordingly approval was sought and obtained from the Naval Board to arrive and depart from Penang one day earlier than programmed.

5. Rondo Island, off the N.W. end of Sumatra was passed during the forenoon of Sunday 5th and course altered across the top of Malacca Strait for Penang.

6. Advantage was taken of the very calm conditions prevailing on Monday 6th to carry out the quarterly full power trial during the morning watch. All machinery operated very successfully.

DIAMANTINA came to port anchor 4 shackles in 7 fathoms in Penang Roads at 1100 and the Royal Malayan Naval Resident Officer, Lieutenant Commander Syed Bin Halim R.M.N. called on me at 1130. The programme of tours and sport he had arranged for the ship were most satisfactory and much appreciated.

Fuel and water were embarked from lighters during the afternoon.

7. At 1100 on Tuesday 7th, accompanied by the Cruise Leader Mr. H.R. Jitts, I called on the Chief Minister, Tan Sri Wong Pow Nee and had a most interesting discussion with this erudite man.

8. Water polo and basketball played against the R.A.A.F. Butterworth saw DIAMANTINA successful in both matches, but unfortunately an Australian Rules Match had to be cancelled due to the inability of Butterworth to field a team.

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The Ship's Company enjoyed the visit to Penang. Apart from the fact that most of them had not been there before, it provides much more in the way of sightseeing than Singapore and it was generally conceded that the prices and range of goods available, were the equal of Singapore.

9. DIAMANTINA weighed and proceeded from Penang at 0800 on Wednesday 8th dressed with masthead flags in honour of the birthday of the Di Pertuan Agong (King of Malayasia). On clearing the roads, course was set for Rondo Island to pass round the north of Sumatra.

At 2230 identities were exchanged with H.M.S. Delight in position 5° 53' N 97° 04' E.

10. Rondo Island was rounded at 0800 on Thursday 9th and the first hydrology station worked in position 6° 03' N 94° 54' E, after which a direct course was set for Fremantle.

11. The period from Friday 10th to Saturday 18th was spent in the now familiar pattern of working time and position stations between 0830 - 1130 and 2100 - 2200 daily, until latitude 20° South was reached, when the night hydrology station was discontinued and mid water and surface trawls carried out in the first and morning watches. It was during these trawls that crayfish larvae were picked up 700 miles off the W.A. coast; over twice as far as on any previous occasion.

During this long period at sea, the DIAMANTINA Intercess Trophy, consisting of Tug O War, Rifle Shooting, Indian Wrestling, Quiz, Whist and Darts was contested with a great amount of rivalry and resulted in a record win for the Seamen.

12. The glow of light from Perth was visible at 90 miles and the loom of Rottnest Island light was raised during the middle watch on Sunday 19th at a distance of 65 miles.

DIAMANTINA entered Fremantle harbour and secured portside to, No. 10 berth North Wharf at 0900.

Customs clearance was obtained at 1030 and interstate long leave liberty men landed in time to catch the midday aircraft to the eastern states.

The Cruise had been most successful from all viewpoints. All stations planned were worked, trawling was carried out over a very extensive area and a high degree of efficiency was achieved by the Ship's Company in all departments.

13. Notice for steam was extended to 48 hours on Monday 20th at the commencement of the Long Self Maintenance Period and work was begun immediately on a large defect list, the main items of which were renewal of rivets on the underwater shell plating and fitting of a new radar, type 975.

De-ammunitioning was completed during the afternoon.

14. A Fremantle Port Authority Pilot shifted DIAMANTINA by tugs from No. 10 berth to the Fremantle Slip at 0900 on Tuesday 21st and work was commenced on the hull as soon as the ship was clear of the water.

Mr. J. Robinson, Leading Hand Boilermaker from Williamstown Dockyard had arrived to oversee the riveting and Mr. R. Linton, Senior Technical Officer from Garden Island Dockyard, was in attendance with assistants, to supervise the installation of the new radar set.

15. H.M.A.S. MELBOURNE (Captain D.C. Wells, R.A.N.) wearing the flag of Rear Admiral V.A.T. Smith C.B.E., D.S.C., Flag Officer Commanding Her Majesty's Australian Fleet, entered harbour and secured starboard side to No. 7 berth, North Wharf at 0900 on Wednesday 22nd. She was followed into harbour by H.M.A.S. YARRA (Captain G.J. Willis A.D.C., R.A.N.) which secured starboard side to No. 6 berth North Wharf at 0930.

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I waited on Captain Willis in YARRA at 1430.

In the evening I attended a reception given by F.O.C.A.F., his Captains and their Officers in the Flagship, at which some 500 guests were entertained.

16. I waited on Admiral Smith at 0900 on Thursday 22nd and afterwards on Captain Wells.

17. MELBOURNE, followed by YARRA cast off at 0900, on Friday 23rd and proceeded to sea bound for Sydney, N.S.W.

18. Mr. W. Harper of the Royal Australian Naval Experimental Laboratory arrived in Fremantle on Wednesday 28th to supervise the installation of special equipment for the forthcoming participation in operation MONSEA. The largest job to be undertaken is a cable run from the Sonar instrument space to the laboratory.


19. The progress of the refit has been quite good and it appears that all work will be finished well on schedule.

20. The health, morale and conduct of the Ship's Company is good. Conditions onboard are quite satisfactory considering the limitations imposed by being on the slip and the appearance of the ship is being maintained as well as a refit and leave period allow.

I have the honour to be

Sir,

Your obedient servant,

  
P.G. DUNCAN  
LIEUTENANT COMMANDER R.A.N.  
CAPTAIN

APPENDICES

- A. Occasions of exceeding Economical speed
- B. Steaming figures
- C. Officers Movements
- D. Sporting Contests.

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APPENDIX "A"

OCCASIONS OF EXCEEDING ECONOMICAL SPEED

<u>Date</u>	<u>From</u>	<u>To</u>	<u>Revolutions</u>	<u>Speed</u>	<u>Reason</u>
6th June	0600	0800	160	17	Quarterly Full Power Trial.

APPENDIX "B"

STEAMING FIGURES

(i) Miles steamed	4,316
(ii) Total miles steamed	208,994
(iii) Hours Underway	396
(iv) Total hours underway	21,266
(v) Fuel Expended	578
(vi) Tons/Miles Fuel	7.6

APPENDIX "C"

OFFICER'S MOVEMENTS

Left Ship

20th June Lt. B.H. KEEN (S) R.A.N.R. to Shore on completion 43 days A.C.T.

APPENDIX "D"

SPORTING CONTESTS

Penang

Water Polo - DIAMANTINA 4 defeated R.A.A.F. Butterworth 2  
Basket Ball - DIAMANTINA 55 defeated R.A.A.F. Butterworth 42

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DEPARTMENT OF THE NAVY

MINUTE PAPER

18-206-748

July '66

Report of Proceedings

HMAS Diamantina

~~OD OF P 24/8~~  
~~D/D OF P (A) 24/8~~  
~~DGEE 20/8~~  
~~DTWP 11/9~~  
~~D OF C 11/9~~  
~~DNAP 11/9~~  
~~CONS 03/9~~  
~~DNI 09/9~~  
~~HPB 21/9~~

~~DCAP~~

~~DOA 11/9~~

~~DMT 11/9~~

~~DTM 20/9~~

~~DPS 22/9~~

~~DFSE 22/9~~

~~DNR 23/9~~

~~DNES 26/9~~

~~ACDC 27/9~~

~~ACMD 28/9~~

~~DMED 4/10~~

~~DMR 16/10~~

~~DWE 14/10/66~~

~~MDG 17/10~~

~~DNES 19/10~~

~~AS (NS) (N5) 20/10~~

REGISTRAR

~~AS (NS)~~

~~DCNS~~

~~2NM~~

~~4NM~~

~~DPR~~

~~REGISTRAR~~

~~D OF O~~

~~1NM~~

~~3NM~~

~~SEC~~

~~FAS (EG)~~

~~FAS (FM)~~

~~AS (NS)~~

~~(N5)~~

) Separate Report circulating

NOTES: (a) This report should be dealt with and passed on promptly.

(b) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

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1/3



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18-206-748

DEPARTMENT OF THE NAVY

MINUTE PAPER

July '66  
Report of Proceedings

HMAS Diamantina

AS (NS) 27/8

~~D OF O~~

~~DCNS~~

1ST NM 25/9

2ND NM 8/15

3RD NM 9/9

4TH NM 12/9

6 SEC 12/9

6 FAS (EG)

6 S (EM) 10/9

DPR 13/9, 14/9

AS (NS) (N5) 19/9

REGISTRAR

<del>D OF P</del>	<del>DCNP</del>	<del>ACDC</del>
<del>D/D OF P(A)</del>	<del>DOA</del>	<del>ACMD</del>
<del>DTWP</del>	<del>DMT</del>	<del>DMED</del>
<del>D OF C</del>	<del>DDM</del>	<del>PNA</del>
<del>DNAP</del>	<del>DPS</del>	<del>DWE</del>
<del>CONS</del>	<del>DFSD</del>	<del>MDG</del>
<del>DNI</del>	<del>DNR</del>	<del>AS (NS) (N5)</del>
<del>HPB</del>	<del>DNES</del>	<del>REGISTRAR</del>
<del>CFE</del>		

Separate Report Circulating

- NOTES: (a) This copy is circulated so that Board Members may see these reports soon after they reach Navy Office.
- (b) The report will be given to Board Members with Directors comments if there is any matter of special interest in those comments.

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~~10/8~~

9/20/66

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NAVY—CANBERRA

18 | 206 | 748

COMMONWEALTH OF AUSTRALIA



REF. No.  
56/9/16

18 AUG P.M.

TELEPHONE:  
39-1521

DEPARTMENT OF THE NAVY

NAVAL STAFF OFFICE,  
P.O. Box 58, FREMANTLE, W.A.

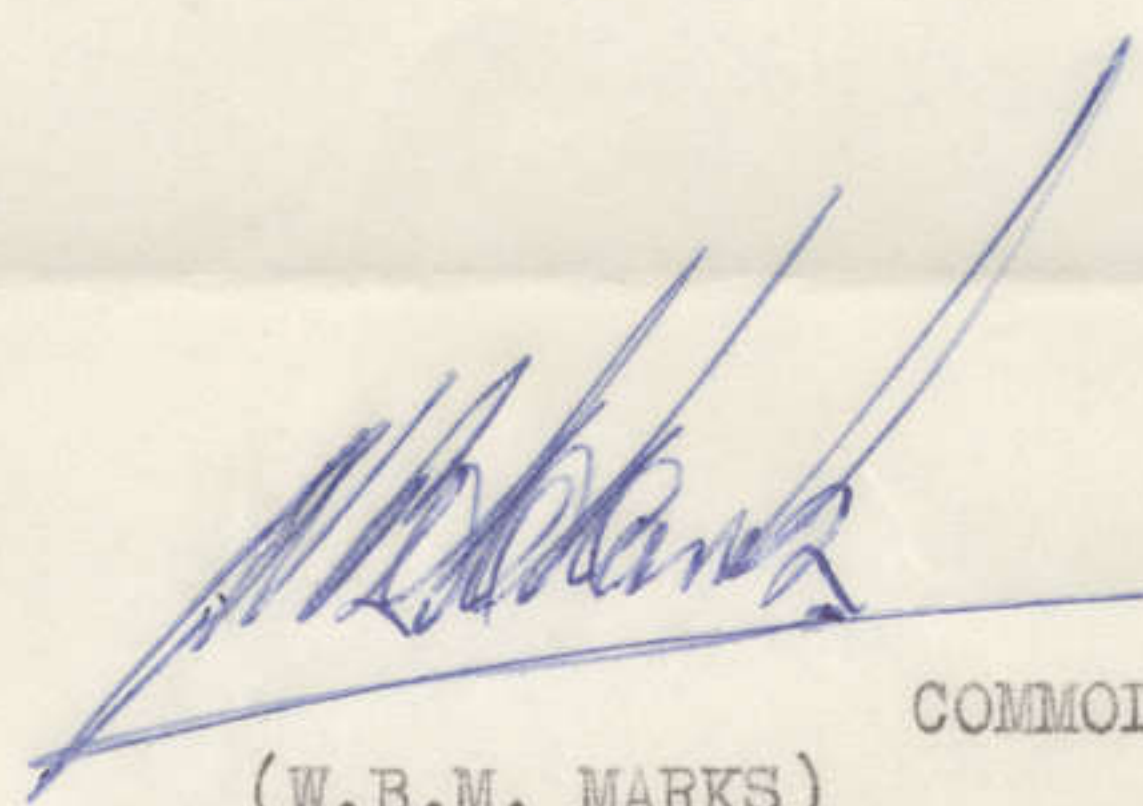
18 AUG 1966

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA A.C.T.

Copy to: Flag Officer Commanding H.M. Australian Fleet.

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

The attached Report of Proceedings of H.M.A.S.  
DIAMANTINA for the month of July, 1966 is submitted.

  
COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA

*N/S Smith 27/8*

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*19/8*

**CONFIDENTIAL**

REF. No. 01/33

H.M.A.S. DIAMANTINA,  
at Darwin.

1 August, 1966.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, R.A.N., GARDEN ISLAND, N.S.W.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR  
THE MONTH OF JULY, 1966.

Sir:

I have the honour to submit the proceedings of Her Majesty's Australian Ship under my command, for the month of July, 1966.

2. For the first six days of the month, DIAMANTINA was on the Fremantle Slip and work continued on the replacement of rivets on the forward area of the underwater shell plating. In all a total of 1,646 old rivets were drawn and renewed. The fitting of Radar Type 975 progressed according to schedule and all other defects were by this time well in hand.
3. DIAMANTINA was unslipped on Thursday 7th and moved by Fremantle Harbour Pilot and tugs to No. 10A berth, North Wharf.
4. On Friday 8th the Executive Officer, Lieutenant L.M. SULMAN (N), R.A.N. was relieved by Lieutenant D.A. INNES (O), R.A.N.
5. Fuelling was undertaken on Tuesday 12th and ammunition embarked on Wednesday 13th.
6. Basin Trials at 40 revolutions, the maximum permissible alongside No. 10A berth were carried out P.M. Thursday 14th and the starboard engine, which had undergone its annual dockyard overhaul, operated satisfactorily as did all other machinery.
7. DIAMANTINA cast off from No.10A berth, North Wharf at 0900 on Friday 15th and proceeded to Gage Roads to carry out machinery trials, swing the magnetic compass and conduct sea trials and complete the lining up of the newly installed 975 radar. These two latter tasks were carried out successfully and the 975 radar gave extremely good results after adjustment of the heading marker to compensate for the squint angle of the aerial, caused by different magnetron frequencies.  
A number of bearings on the starboard engine required adjustment and at 1530 the ship entered harbour, securing to No. 10A berth, North Wharf, at 1545.  
The Long Self Maintenance period was a most successful one and a large list of defects had been taken in hand by the contractors. In the time available on the slip, very good progress was made with the renewal of rivets and on current estimates about 3,000 remain to be done at the annual refit.  
The fitting of radar type 975 was carried out very quickly by Mr. R. LINTON, Senior Technical Officer from Garden Island Dockyard, assisted by Mr. L.R. KIRWAN, Supervising Technician. The "A" display was mounted on a revolving pedestal on the bridge and the "B" display, which is carried as a spare unit, was bench mounted in the compartment aft of the wheelhouse where it can be used to give a remote picture if required.

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8. Contractors worked over the weekend adjusting the starboard engine bearings.

9. Colours were half masted on Monday 18th for the funeral of the late Senator Sir William Spooner.

DIAMANTINA cast off from No. 10A berth, North Wharf at 0900 and once more proceeded to Gage Roads for machinery trials. On this occasion, the starboard engine was found to be working satisfactorily and the ship secured alongside No. 10A berth, North Wharf at 1200.

Notice for steam was brought to 8 hours.

10. At 1100 on Tuesday 19th, DIAMANTINA cast off and proceeded to sea bound for Darwin. The wind was from N.W. Force 8, and once out of the lee of the Stragglers and Rottnest Island, speed had to be reduced to 8 knots and it was not until the ship was well north of Geraldton, that normal passage speed could be resumed.

11. By Thursday 21st the effects of the intense depression centred to the south and west of Cape Leeuwin, were no longer being felt and at 2230, DIAMANTINA rounded North West Cape, entering the Mary Anne Passage during the middle watch on Friday 22nd. It was noted that Mary Anne Reef Light was extinguished and this fact was reported. The passage was cleared by 0630 and a course set to pass just to the south of Browse Island. Clocks were advanced one hour to Zone -9, at 2330.

Mr. Kirwan, who had fitted the 975 radar was embarked for the passage to Darwin to prove the operation of the set and in this capacity and in advising ship's staff on maintenance and technical problems, his assistance was invaluable.

12. Course was altered to clear Charles Point at 0230 on Sunday 24th when in a position 8 miles south east of Browse Island. The light was extinguished and once again this fact was reported.

13. Clocks were advanced  $\frac{1}{2}$  hour to Zone  $-9\frac{1}{2}$  at 0001 on Monday 25th. DIAMANTINA entered the Darwin approaches at 1000 and berthed portside to Fort Hill Wharf at 1100, to commence an eight day visit for the Darwin Festival.

At 1145 I called on the Naval Officer-in-Charge North Australia, Captain K.D. Gray, D.F.C., R.A.N.

At 1400, accompanied by the Base Operations Officer, I called on His Worship, the Mayor of Darwin, Alderman H. Chan, M.L.C. and at 1600 on His Honour the Administrator of the Northern Territory, Mr. R.L. Dean.

Both the Army and Air Force Commanders wished to consider calls paid and returned.

14. At 1800 on Tuesday 26th July, an official Cocktail Party was held onboard. The guests included His Honour the Administrator and Mrs. Dean; His Worship the Mayor and Mrs. Chan; Senator the Honourable Sir Alistair McMullin; Mr. Charles Court, M.L.A. and Mrs. Court; representatives of the Services; the City; the Festival Committee and other prominent citizens.

15. In company with four of my officers, I was entertained to drinks by His Honour the Administrator and Mrs. Dean, at Government House on the evening of Wednesday 27th. Also present were Sir Alistair McMullin; the Speaker of the House of Representatives, Sir John McLeay and Lady McLeay; Captain and Mrs. Gray; and the Commander Northern Territory Command, Lieutenant Colonel Fullford and Mrs. Fullford.

16. A full programme of entertainment and sport had been arranged for the ship and tickets to most of the Festival functions were provided. A close liaison was established between MELVILLE and the ship at all levels and a lot of sporting matches were played. Detailed results of all sports are included as Appendix "C".

17. A Civic Reception for the ship was given by His Worship the Mayor and Aldermen of the City of Darwin from 1900 to 2100, in the Town Hall on Thursday 28th. This proved to be a most enjoyable occasion and the Ship's Company were very generously entertained.

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18. On Friday 29th I dined at Admiralty House with Captain and Mrs. Gray when they entertained the Indonesian Naval Attache, Lieutenant Colonel Poerbonegori and Mrs. Poerbonegori.

19. Tours, sport and barbeques were arranged for most of the Ship's Company on Saturday 30th and Sunday 31st in addition to the many sporting carnivals being conducted for the festival.

20. The health of the Ship's Company is good, their morale high and conduct correspondingly good. Conditions onboard are quite satisfactory and the appearance of the ship is good.

I have the honour to be

Sir,

Your obedient servant,

*P.G. Duncan*

(P.G. DUNCAN).

LIEUTENANT COMMANDER, R.A.N.

C A P T A I N.

Appendices:   A   Steaming Figures  
                  B   Officers Movements  
                  C   Sporting Contests.

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APPENDIX "A".

STEAMING FIGURES.

(i)	Miles Steamed	1,785
(ii)	Total Miles Steamed	210,779
(iii)	Hours Underway	153
(iv)	Total Hours Underway	21,419
(v)	Fuel Expended	198
(vi)	Tons/Miles Fuel	9

APPENDIX "B".

OFFICERS MOVEMENTS.

Joined Ship:

5th Lt. D.A. Innes, R.A.N. posted from H.M.A.S. YARRA.

Left Ship:

8th Lt. L.M. Sulman, R.A.N. posted to H.M.A.S. DUCHESS.

APPENDIX "C".

SPORTING CONTESTS.

Darwin:

27th	Squash	NAVY/ARMY defeated DIAMANTINA	5 - 1
28th	Basket Ball	DIAMANTINA defeated NAVY/ARMY	26 - 4
29th	Tennis	ARMY defeated DIAMANTINA	9 - 0
	Volley Ball	MELVILLE defeated DIAMANTINA	4 - 0
	Basket Ball	PORT DARWIN defeated DIAMANTINA	32 - 24
30th	Basket Ball	KATHERINE defeated DIAMANTINA	34 - 29
	Athletics	Four runners from DIAMANTINA entered in Festival Games	
31st	Soccer	DIAMANTINA drew with R.A.A.F.	1 - 1
	Basket Ball	MANINGRIDA defeated DIAMANTINA	28 - 9

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DEPARTMENT OF THE NAVY

18.206.771

MINUTE PAPER

August '66.  
Report of Proceedings

HMAS Diamantina

D of P

D/D of P(A)

DGFE

DTWF

D of C

DNAP

CONS

DNI

HFB

DCNP

DOA

DMT

DDM

DPS

DFSD

DNR

DMES

ACED

ACMD

DMED

ACTP

DWE

MDG

DNAS

AS(NS) (NS)

Registrar



~~AS(NS) DCNS 2NM 4NM DPR Registrar~~ ) Separate  
~~D. of O 1NM 3NM SEC FAS(EG) FAS(IM) AS(NS) (N5)~~ ) Report Circulating.

- NOTES: (A) This report should be dealt with and passed on promptly.
- (B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one

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DEPARTMENT OF THE NAVY

MINUTE PAPER

18.206.771

HMAS Diamantina

Report of proceedings August '66

AS(NS) 21/9

~~D of O~~

DCNS

1NM 23/9

2NM 27/IX

3NM 29/9

4NM 5/10

SEC

FAS(EG)

FAS(FM) 5/10

DPR 18/10

AS(NS)(N5) 12/10

Registrar

<del>D of P</del>	<del>D/D of P(A)</del>	<del>DGFE</del>	<del>DTWP</del>	<del>D of C</del>	<del>DNAP</del>	<del>CONS</del>	<del>DNI</del>	) Separate Report Circulating.	
<del>HPB</del>	<del>DCNP</del>	<del>DOA</del>	<del>DMT</del>	<del>DDM</del>	<del>DPS</del>	<del>DFSD</del>	<del>DNR</del>		
<del>DMED</del>	<del>ACTP</del>	<del>DWE</del>	<del>MDG</del>	<del>DNAS</del>	<del>AS(NS)</del>	<del>(N5)</del>	<del>Registrar.</del>		

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NAVY—CANBERRA		
18	206	771

COMMONWEALTH OF AUSTRALIA



REF. NO.  
56/9/16

DEPARTMENT OF THE NAVY

NAVAL STAFF OFFICE,  
FREMANTLE, W.A.  
P.O. Box 58

19 SEP A.M.  
NAVY REGISTRY  
TELEPHONE:  
39-1521

16 SEP 1966

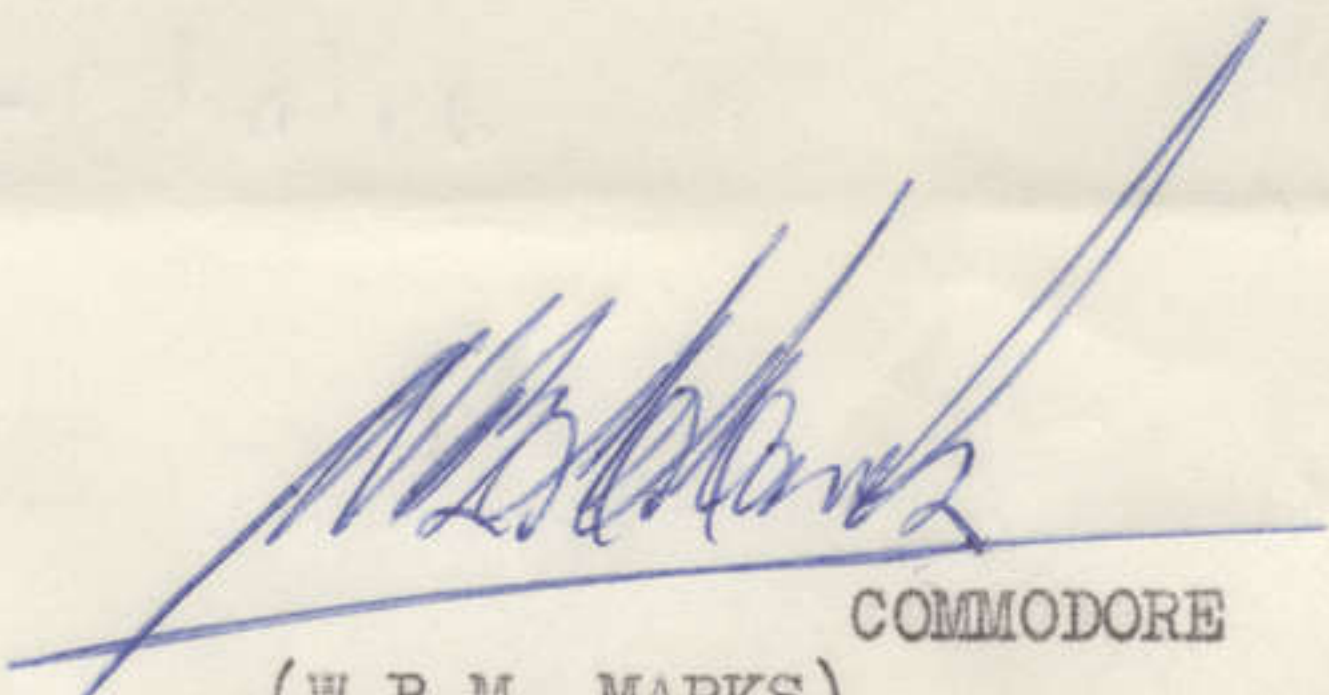
The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA A.C.T.

Copy to: Flag Officer Commanding H.M. Australian Fleet.

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

The attached Report of Proceedings of H.M.A.S. DIAMANTINA for the month of August, 1966 is submitted.

AS(NS) 19/9  
NSB 21/9

  
COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA

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TELEPHONE:

IN REPLY  
QUOTE No. 0/33

210

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56	9	16
CENTRAL DIRECTORY		
15 SEP 1966		
RECEIVED		
Naval Staff Office Fremantle		

H.M.A.S. DIAMANTINA,  
at Sea.

1 September, 1966.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.Copies to: (i) The Commander, Far East Fleet, Naval Headquarters, Singapore 27.  
(ii) The Hydrographer, Royal Australian Navy, Garden Island, N.S.W.)H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR THE MONTH OF AUGUST, 1966.

Sir:

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command, for the month of August, 1966.

2. DIAMANTINA was berthed alongside Fort Hill Wharf, Darwin at the beginning of the month. During the afternoon of Monday 1st, Lieutenant Commander M.W. Varley (H) R.A.N. joined the ship to assist the scientific personnel from the Royal Australian Navy Experimental Laboratory during the forthcoming Operation Monsea.

Three geologists from the Bureau of Mineral Resources, Doctor H.A. Jones, Mr. J. Barrie and Mr. J.A. Kaulback, also joined to obtain detailed soundings and bottom samples around Christmas Island (Indian Ocean), with the object of supplementing the data being obtained from the geological survey of the Island.

3. DIAMANTINA cast off from alongside Fort Hill Wharf at 0630 on Tuesday 2nd and proceeded to sea, bound for Christmas Island (Indian Ocean).

At 1800, rendezvous was made with H.M.A. Ships VAMPIRE (Captain J.L.W. Merson, R.A.N.) and DERWENT (Commander J.D. Stevens, R.A.N.) and transfer of the Small Ships' Dentist, Surgeon Lieutenant (D) M.H. Dowsett, R.A.N., his Dental Assistant and portable equipment was effected by VAMPIRE's boat.

Clocks were retarded half an hour to Z -9 at 1930, one hour at 1900 on Thursday 4th to Z -8 and one hour on Friday 5th to Z -7.

4. Work for the Bureau of Mineral Resources was started at 0900 on Saturday 6th off South Point, Christmas Island and consisted of sounding runs around the Island, following lines delineated by the geologists, in an effort to trace the upper slopes of the Christmas Island rise and establish the most likely areas of sediment deposition, for dredging. This work was carried on until 1600, when DIAMANTINA secured port bridle to "B" Buoy, Flying Fish Cove.

I called on the Official Representative, C.J. Buffet ESq. M.B.E., at 1700 at the Residence and at 1830 DIAMANTINA was host to him and Mrs. Buffet, together with 70 of the Island residents.

5. DIAMANTINA slipped from "B" Buoy at 0600 on Sunday 7th and proceeded to sound round the Island again, from the 30 fathom line to several miles off shore. In all over 600 fixes were taken and over 1800 soundings recorded. A copy of this tracing will be forwarded separately to the Hydrographer, R.A.N. This work occupied the whole of the second day and was not completed until 1700, when the ship secured once more to "B" Buoy. The assistance rendered by Lieutenant Commander Varley in carrying out the soundings was particularly valuable. In the evening, together with my Officers, I attended a reception given by the Official Representative and Mrs. Buffet at the Residence.

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6. Slipping from "B" Buoy again at 0600 on Monday 8th DIAMANTINA proceeded to dredge in areas specified by the Bureau Of Mineral Resources personnel. A series of dredges were used, most of which had to be prefabricated onboard. The bottom samples obtained were found on preliminary investigation to contain phosphatic material, but the prospects of it being in economic deposits did not, from a preliminary appraisal, look hopeful. Work was completed for the day at 1700 and the ship again secured to "B" Buoy.

At 1800, all Officers, attended a reception in honour of the New Zealand member of the British Phosphate Commission, Mr. W. Tennant, who had arrived that morning on the Island. It was held in the beautiful grounds of the British Phosphate Manager's house and was attended by representative groups of all the Island Communities, totalling some 400.

7. Tuesday 9th was spent dredging for bottom samples again, from 0600 until 1800, when DIAMANTINA disembarked the geologists and proceeded on a sounding line laid down by the Hydrographer, R.A.N. for Sunda Strait.

The work carried out for the Bureau of Mineral Resources had been most interesting. Whether or not economic deposits of phosphate are found to be deposited off shore - and here it is of interest to record that the entire Ship's Company were aware that it was hoped to dredge nodules of high grade phosphate and were visibly and audibly disappointed when the first and subsequent grabs did not reveal anything more than traces of phosphatic material - a great deal of valuable information, which is indispensable for a comprehensive study of the geology of Christmas Island and which will in addition, be of value in basic studies on marine phosphorites in general and in other aspects of fundamental geological knowledge has been, and will be, gained from this brief survey.

8. Passage of Sunda Strait was commenced at 1100 on Wednesday 10th and completed by 1600. DIAMANTINA's progress evinced no apparent interest and on Thursday 11th when passing through Gaspar Strait, there was no activity of any sort evident.

Clocks were advanced half an hour to Z  $-7\frac{1}{2}$  at 0045 on Thursday 11th.

9. DIAMANTINA was off the Johore Shoal Buoy at 0930 on Friday 12th and secured portside to H.M.S. DAMPIER on No.14 Berth North, Singapore Naval Base at 1100.

On securing I called on the Captain of DAMPIER, Commander P.G.N. Cardno, R.N. who is the Senior Officer of the Monsea group and O.T.C. for the Operation.

During the afternoon I was visited by Mr. J. Milton, Principal Scientific Officer of the Admiralty Underwater Weapons Establishment, and Scientist-in-Charge of Operation Monsea, to discuss various aspects of DIAMANTINA's capabilities and the fitting of equipment for the trials.

10. The Royal Australian Navy Experimental Laboratory Scientists for the trials, Mr. F.V. Harper, Mr. O.I. Cooke and Mr. J.S.C. Lackey joined on Saturday 13th.

11. Both DAMPIER and DIAMANTINA were moved by tugs and Dockyard Pilot to No.14 Berth South, at 0930 on Monday 15th.

At 1115 I waited on Rear-Admiral D.H. Mason, Chief of Staff to the Commander, Far East Fleet.

12. On Tuesday 16th, I waited on the Commander, Far East Fleet, Vice-Admiral Sir Frank Twiss, K.C.B., D.S.C. and on Wednesday 17th on the Flag Officer, Second-in-Command, Far East Fleet, Rear-Admiral C.P. Mills, C.B., C.B.E., D.S.C., who has since been promoted to Vice-Admiral.

13. Berth was shifted under own power from No.14 South on DAMPIER to No.12 at 1100 on Friday 19th, to carry out static load tests on the replenishment at sea high points. There was no record of this test having ever been carried out and it was not possible to test during the recent long self-maintenance period, as facilities do not exist in Fremantle. The first test on the large eye was unsuccessful, necessitating repair and a second test was carried out on Saturday 20th which again failed. It was then decided to fit new eye bolts forward of the existing pair and when this had been completed a third test which proved successful was carried out on Sunday 21st. This test has been reported separately, in detail.

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14. Berth was again shifted under own power at 0745 on Monday 22nd from No.12 to "A" Buoy, to embark 4,000 one pound charges for the trial. On completion at 1030, DIAMANTINA slipped and secured to DAMPIER on No.14 Berth South.

15. Since arriving in Singapore Naval Base, work had proceeded in fitting and connecting up all scientific recording equipment and at 0625 on Wednesday 24th, DIAMANTINA cast off and proceeded to sea in company with DAMPIER and R.F.A. BROWN RANGER for a Mini-Trial, to test and set to work all equipment and develop procedures and techniques.

During the forenoon, on the way to the exercise area, a practice replenishment run was carried out with BROWN RANGER. This was the first time the ship had carried out a replenishment at sea since re-commissioning in 1959 and all gear worked satisfactorily.

Practice sound runs were carried out with DAMPIER in the afternoon and at 1900 both ships anchored in 30 fathoms.

16. Anchor was weighed at 0625 on Thursday 25th and the day was spent carrying out more sound runs and thoroughly testing all equipment to be used. At 2315 DIAMANTINA anchored off the Johore Shoal Buoy.

17. An M.F.D.F. calibration was carried out by the Far East Fleet calibration team using the tug WEASEL and when this was completed at 1030, anchor was weighed and the ship proceeded to Blankan Mati to carry out runs over the measured mile, for calibration of the A.R.L. table. When this had been done the ship returned to Singapore Naval Base, securing to DAMPIER on No.14 Berth South at 1600.

18. Saturday 27th and Sunday 28th were spent in final adjustments to equipment in preparation for the start of Operation Monsea on Monday 29th.

Briefly the object of the Trials is to gather data concerning the environment, in possible areas of operation of the next generation of Sonars. Propagation of sound is being measured between M.M.S. VERULAM and H.M.S. ANDREW and between DAMPIER and DIAMANTINA, using one pound charges as an acoustic source; DIAMANTINA acting as the transmitting ship by dropping charges at preset times and ranges on a run out from DAMPIER. In addition DIAMANTINA will examine the temperature and salinity structure in the water, photograph the sea bed and investigate ambient sea noise, remote from the ship.

The two groups, each of two ships, are to work in adjacent areas, but 50 miles apart to avoid mutual interference.

Mr. D.W. Toms, Experimental Officer of A.U.W.E. joined on Sunday 28th to complete the trials team.

19. On Monday 29th, DIAMANTINA cast off at 0745 after VERULAM and ANDREW, and was followed by DAMPIER. Ships formed up and proceeded to sea, followed by BROWN RANGER. Once clear of Horsborough Light, Group One consisting of VERULAM, ANDREW and BROWN RANGER, detached and Group Two comprising DAMPIER and DIAMANTINA proceeded to the initial Monsea area and carried out the first sound run. These vary according to preset requirements, from 20 to 30 miles and various combinations of charges are employed. During the run out, DAMPIER remains stationary and at the end of the run DIAMANTINA stops while DAMPIER closes. During this period, Monsea observations (MOSOBS) and R.A.N. observations (RANOBS) consisting of bathythermograph dips, hydrology casts, underwater camera observations and ambient sea noise readings, employing a special buoy containing recording equipment, are carried out. The whole sequence takes between eight and ten hours. Passage to the adjacent area for the following day's run is then made overnight.

20. Tuesday 30th and Wednesday 31st were spent in this pattern, commencing at 0700 with equipment checks and bathy dips and starting the run out at approximately 0800, finishing all MOSOBS and RANOBS at approximately 1800.

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4.

21. During the period alongside in Singapore, opportunity has been taken to play quite a lot of sport, the details of which are attached as Appendix C. Playing mainly against larger units, success has not attended very many of DIAMANTINA's efforts, but the enthusiasm displayed by the teams has been most marked.

22. The health of the Ship's Company is good, their morale very high and their conduct very good. These are pleasing facts in view of conditions onboard which without airconditioning and with an inadequate ventillation system for the environment, are very humid and enervating.

The appearance of the ship is satisfactory.

I have the honour to be

Sir,

Your obedient servant,

  
(P.G. DUNCAN).

LIEUTENANT COMMANDER, R.A.N.  
C A P T A I N.

Appendices:   A.   Steaming Figures.  
                  B.   Exercises.  
                  C.   Sporting Contests.  
                  D.   Movements (vide ACNB 045F).

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APPENDICES.

APPENDIX A.

STEAMING FIGURES.

Distance steamed during the month	3,142.4	Miles
Hours underway during the month	301.9/60	Hours
Total distance steamed since commissioning	213,921.4	Miles
Total hours underway since commissioning	21,720.9/60	Hours

APPENDIX B.

EXERCISES.

Fuelling abeam

Wednesday 24th.

APPENDIX C.

SPORTING CONTESTS.

15th	Rugby Union	DIAMANTINA defeated H.M.A.S. CURLEW	20 - Nil
16th	Rugby Union	H.M.S. SIMBANG defeated DIAMANTINA	15 - Nil
17th	Rugby Union	H.M.S. TRIUMPH defeated DIAMANTINA	32 - Nil
18th	Basketball	K.D. MALAYA defeated DIAMANTINA	26 - 24
19th	Soccer	K.D. MALAYA defeated DIAMANTINA	8 - 2

APPENDIX D.

MOVEMENTS (vide ACNB 045F)

1st	At Darwin for Darwin Festival
2nd	Departed Darwin for Christmas Island (Indian Ocean)
6th	Arrived Christmas Island to carry out B.M.R. Survey
9th	Departed Christmas Island for Singapore via Sunda and Gaspar Straits
10th	Crossed the Australia Station limit - CHOPPED to COMFEE
12th	Arrived Singapore for fitting of MONSEA Scientific equipment
24th	Sailed Singapore for MONSEA trials
26th	Returned Singapore to Fuel and Store Ship for Operation MONSEA
29th	Departed Singapore for MONSEA
29th to 31st	At Sea - South China Sea

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DEPARTMENT OF THE NAVY

MINUTE PAPER

18-206-799

Sept '66  
Report of Proceedings

HMAS Diamantina

D of P <sup>24/10</sup>

D/D of P(A) <sup>24/10</sup>

DGEE <sup>24/10</sup>

DTWP <sup>24/10</sup>

D of C <sup>7/11</sup>

INAP <sup>8/11</sup>

CONS <sup>8/11</sup>

DNI <sup>8/11</sup>

HPB <sup>8/11</sup>

DCNP <sup>8/11</sup>

DOA <sup>16/11</sup>

DMT <sup>16/11</sup>

DEM <sup>16/11</sup>

DPS <sup>21/11</sup>

DFSD

DNR <sup>22/11</sup>

DNES <sup>23/11</sup>

ACDC <sup>23/11</sup>

ACMD <sup>23/11</sup>

DMED <sup>28/11</sup>

ACTP <sup>28/11</sup>

DWE <sup>12/12</sup>

MDG <sup>15/12</sup>

AS(NS) (N5) <sup>24/12</sup>

Registrar



~~AS(NS) DCNS 2NM 4NM DPR Registrar~~ ) Separate  
~~D. of C 1NM 3NM SEC FAS(EG) FAS(FM) AS(NS) (N5)~~ ) Report Circulating.

- NOTES: (A) This report should be dealt with and passed on promptly.
- (B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one

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DEPARTMENT OF THE NAVY

MINUTE PAPER

18-206-799

HMAS Diamantina

Report of Sept '66 proceedings

AS(NS) 19/10

D of O

DCNS

1NM

2NM

3NM

4NM

SEC

FAS(EG)

FAS(FM)

DPR

AS(NS)(N5)

Registrar

<del>D of P</del>	<del>D/D of P(A)</del>	<del>DGFE</del>	<del>DTWP</del>	<del>D of C</del>	<del>DNAP</del>	<del>CONS</del>	<del>DNI</del>	) Separate Report Circulating.
<del>HPB</del>	<del>DCNP</del>	<del>DOA</del>	<del>DMT</del>	<del>DDM</del>	<del>DPS</del>	<del>DFSD</del>	<del>DNR</del>	
<del>DMED</del>	<del>ACTP</del>	<del>DWE</del>	<del>MDG</del>	<del>DNAS</del>	<del>AS(NS)(N5)</del>	<del>Registrar</del>		

- NOTES: (A) This report should be dealt with and passed on promptly.
- (B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

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26

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COMMONWEALTH OF AUSTRALIA



DEPARTMENT OF THE NAVY

NAVY—CANBERRA		
18	206	799.

REF. No.

56/9/16

17 OCT A.M.  
NAVY REGISTRY

TELEPHONE:  
39-1521

NAVAL STAFF OFFICE,  
FREMANTLE, W.A.

P.O. Box 58

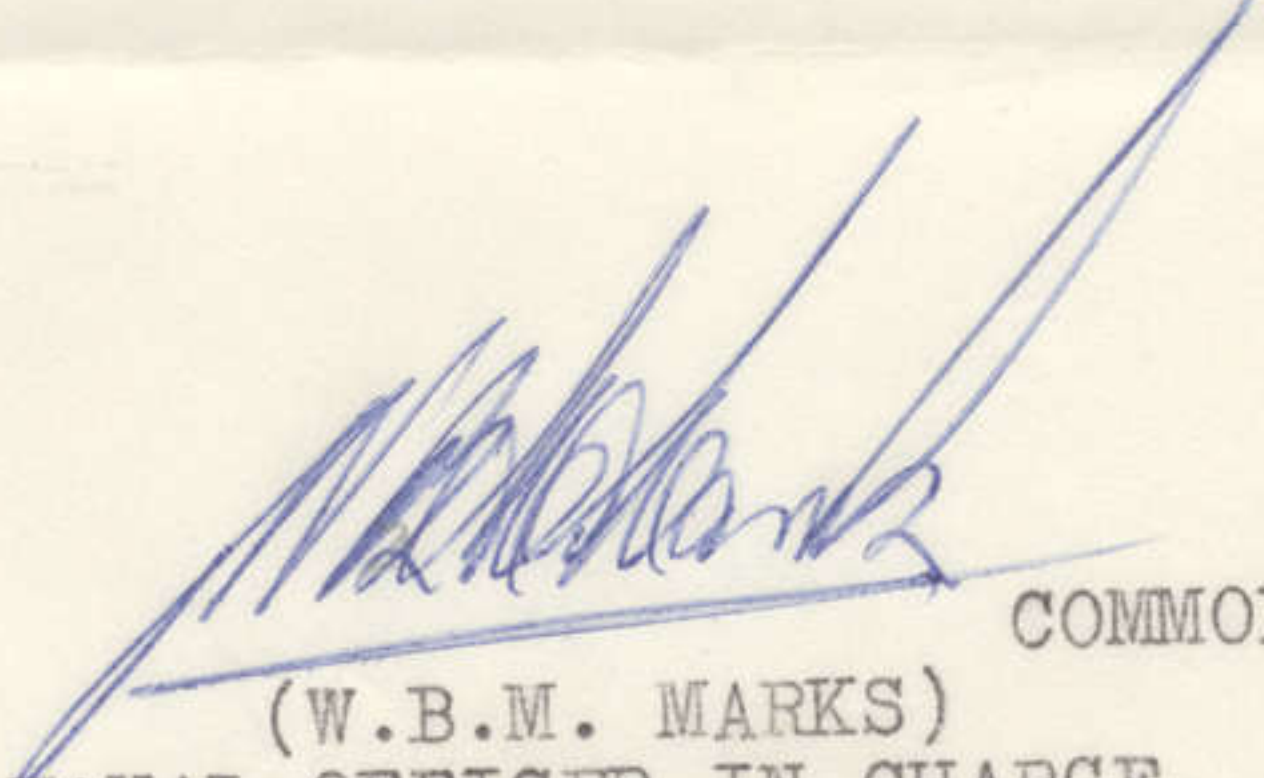
~~12 OCT 1966~~

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA A.C.T.

Copy to: Flag Officer Commanding, H.M. Australian Fleet

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

The attached Report of Proceedings of H.M.A.S. DIAMANTINA for the month of September, is submitted.

  
COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA

11-7/10  
NSJ 17/10

NSJ Smith 18/10

**CONFIDENTIAL**

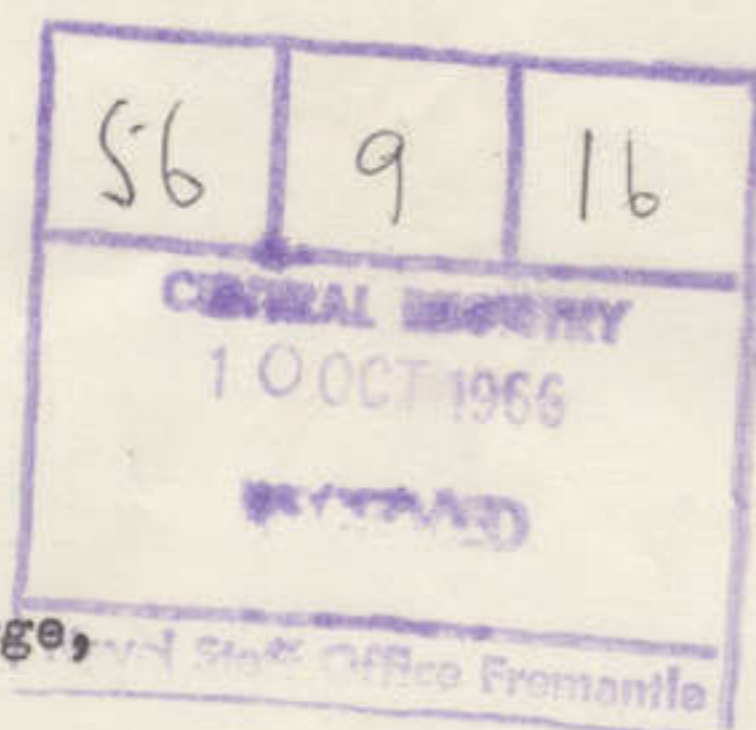
## ROYAL AUSTRALIAN NAVY

**CONFIDENTIAL**

212

REF. No. 01/33

Jew

H.M.A.S. DIAMANTINA,  
at Hong Kong.

1 October, 1966.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.(Copies to: (i) The Commander, Far East Fleet, Naval Headquarters, Singapore 27.  
(ii) The Hydrographer, Royal Australian Navy, Garden Island, N.S.W.)H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR THE MONTH OF SEPTEMBER, 1966.

Sir:

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command, for the month of September, 1966.

2. At the beginning of the month DIAMANTINA was at sea in close company with H.M.S. DAMPIER, the two ships forming Unit Two of the Monsea Group. H.M.S. VERULAM, H.M.S. ANDREW and R.F.A. BROWN RANGER were working together in an adjacent area, but separated from Unit Two by at least 50 miles to prevent mutual interference.

The areas for investigation between Singapore and Hong Kong had been laid down and consisted of one degree squares. Each day a sound run was carried out in the forenoon, of a length varying between 20 and 30 miles followed by Monsea observations (MOSOBS) and R.A.N. observations (RANOBS). Transit to the adjacent area for the next day's work was made overnight. Clocks were advanced half an hour to Z -8 at 2345 on Saturday 3rd.

3. On Sunday 4th, rendezvous was made with Unit One and DAMPIER refuelled from BROWN RANGER, after which both units again separated.

4. The weather started to deteriorate on Monday 5th, due to the presence of typhoons to the east and north and for the next eight days particularly heavy and almost continuous rain was experienced, making astronomical observations virtually impossible. The FM 12 MFDF which had been calibrated in Singapore, and Loran were both used and proved to be invaluable in fixing the ship's position.

5. Rendezvous was made with R.F.A. TIDE POOL and BROWN RANGER at 0600 on Saturday 10th and at 0630 DIAMANTINA, DAMPIER and BROWN RANGER fuelled simultaneously from TIDE POOL, DIAMANTINA to port and BROWN RANGER to starboard using the abeam method and DAMPIER using the astern method. All ships had completed by 1000 and course was set for Subic Bay, the United States Naval Base being reached at 1400. DIAMANTINA secured portside to on DAMPIER which was outboard of VERULAM on No.13 and 14 berth Rivera Point.

Mr. R. Wyber, Principal Research Scientist from the Royal Australian Naval Experimental Laboratory joined during the afternoon.

6. At 0930 on Monday 12th, in company with Commander P.G.N. Cardno, R.N., Lieutenant Commander D.F. Watts, R.N. and Lieutenant Commander M.D. Sizeland, R.N., the Captains respectively of DAMPIER, VERULAM and ANDREW, I called on the Chief of Staff to The Commander Naval Base, Subic, Captain H.A. Masterson, U.S.N., as COMNAVBASE, Rear Admiral G.S. Gilkeson, U.S.N. was in Japan.

At 0900 H.M.S. VICTORIOUS (Captain D.L. Davenport, O.B.E., R.N.) entered harbour and secured to No. 4 and 5 berths, Alava Wharf. She was followed into harbour by H.M.S. LEANDER (Captain R.L. Eveleigh, D.S.C., R.N.), H.M.S. DELIGHT (Commander J.M. Child, M.V.O., R.N.), H.M.A.S. PARRAMATTA (Commander J.A. Matthew, M.B.E., R.A.N.) and H.M.S. ANCHORITE (Lieutenant Commander A.F. Hosie, R.N.).

PARRAMATTA, because of rising wind and swell making her berth untenable, shifted to outboard of DIAMANTINA at 1230 and at 1300 DELIGHT berthed outboard of PARRAMATTA, making a row of five ships on No.13 and 14 berths Rivera Point.

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**CONFIDENTIAL**

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2.

In the evening, I attended a reception given in H.M.S. VICTORIOUS by the Captain and Officers at which some 500 guests were entertained.

7. DELIGHT and PARRAMATTA were held off by tugs at 1630 on Tuesday 13th and at 1640 DIAMANTINA cast off, followed by DAMPIER and VERULAM. ANDREW was, by this time, waiting in the stream and the intention was to leave harbour in formation. However a blinding rain storm prevented this and Units One and Two left independently.

8. Work commenced again on Wednesday 14th in the area to the east of the Gulf of Lingayen, in fairly heavy weather brought about by the presence of another typhoon to the north and west of the Philippines.

9. An S.O.S. call was received from the S.S. AUGUST MOON at 0330 on Friday 16th. She was aground on Pratas Reef, 250 miles to the north west, in extremely heavy seas and reported that she was in danger of breaking up. DAMPIER and DIAMANTINA proceeded at best speed (16 knots) into a heavy swell in answer to this call, but at 1045 were ordered to return by COMFEEF as USS ORISKANY and H.M.S. LOCH FADA were also answering the call and being much closer, could arrive some eight hours earlier.

10. On the evening of Monday 19th DAMPIER proceeded to Pratas Reef to embark the crew of AUGUST MOON who had been rescued by ORISKANY's helicopters, from their ship and landed on Pratas Island. There they had been detained by the Nationalist Chinese Garrison Commander.

DIAMANTINA proceeded to a rendezvous position 60 miles to the south west of Pratas Reef and met BROWN RANGER from whom fuel was taken at 1300 on Tuesday 20th.

DAMPIER rejoined at 1530 with survivors embarked and also fuelled from BROWN RANGER.

Clocks were advanced one hour to Z -9 at 2330.

11. On Wednesday 21st the final area was worked prior to arrival in Hong Kong.

The RANOBs over the period from departure Subic Bay have been quite successful and more work has been achieved than envisaged. Although a great deal of analysis is required before conclusive facts can be determined, it appears that in deep water sonar conditions will in general be explainable theoretically. Shallow water observations are proving much more complex and it is not clear what conclusions can be drawn at this stage.

All equipment being used is functioning quite well, with the exception of the underwater camera, which to date has not operated up to its design capabilities.

12. At 1050 on Thursday 22nd DIAMANTINA navigated Lei-u-Mun Pass and entered Hong Kong harbour, being preceded half an hour earlier by DAMPIER. Unit One had entered harbour on Wednesday 21st. DIAMANTINA secured outboard of DAMPIER on the South Wall of Victoria Basin.

At 1300, I was entertained to luncheon by the Commodore-in-Charge, Hong Kong, Commodore F.D. Holford, D.S.C., R.N. and Mrs. Holford at the Commodore's Residence.

I called officially on the Commodore at 1500.

13. H.M.S. ANCHORITE secured outboard of DIAMANTINA at 0830 on Friday 23rd and H.M.S. ANDREW secured outboard of ANCHORITE at 0900.

At 1030, Commodore Hong Kong returned my call of the previous day.

H.M.S. VICTORIOUS entered harbour at 1230, followed by H.M.A.S. STUART, H.M.S. LEANDER and H.M.A.S. PARRAMATTA.

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3.

14. Together with the Captains of STUART and PARRAMATTA, I called on the Senior Australian Trade Commissioner, Mr. P.R. Searcy at 1200 on Monday 26th.

In the evening I attended an official reception in VICTORIOUS, at which over 500 guests were present.

15. H.M.S. KENT (Captain R.A. Begg, R.N.) and H.M.S. CLEOPATRA (Commander M.La T. Wemyss, R.N.) entered harbour during the forenoon of Wednesday 28th.

16. On the night of Thursday 29th, the Flag Officer Second-in-Charge, Far East Fleet, Vice Admiral C.P. Mills, C.B., C.B.E., D.S.C. gave a dinner party in the flagship, at which, together with the Captains of all ships in harbour, I was a guest. The guest of honour was Mr. J.P.W. Mallalieu, Minister of Defence for the Royal Navy, who was touring the Far East inspecting conditions of service and accommodation.

17. H.M.S. MANXMAN (Commander G.Y. Temple, R.N.) entered harbour during the forenoon of Friday 30th bringing to twelve, not counting R.F.A.'s, the number of visiting R.N. and R.A.N. ships in Hong Kong.

18. This is DIAMANTINA's first and as far as can be foreseen, only visit to Hong Kong and as may be expected, has been the highlight of the prolonged stay in the Far East, occasioned by participation in Operation Monsea. To say that the Ship's Company consider themselves fortunate to be here and are enjoying the stay is an understatement.

19. The health of the Ship's Company is good, their morale continues to be high and their conduct is good.

Conditions onboard are understandably much better than they were in the Singapore area and the appearance of the ship is quite satisfactory.

I have the honour to be,

Sir,

Your obedient servant,

  
(P.G. DUNCAN)  
LIEUTENANT COMMANDER, R.A.N.  
C A P T A I N

Appendices: A. Steaming Figures  
B. Exercises.  
C. Sporting Contests.  
D. Movements (vide ACNB 045F).

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APPENDICES.

APPENDIX A.

STEAMING FIGURES

Distance steamed during the month	2,852.9	miles
Hours underway during the month	422	hours
Total distance steamed since commissioning	216,774.3	miles
Total hours underway since commissioning	22,142.9/60	hours
Economical speed exceeded - Friday 16th		
(A) 5 hours 45 minutes		
(b) 16 knots		
(c) 2.6 tons		
(d) 6 miles		
(e) Answering S.O.S. call from S.S. AUGUST MOON aground on Pratas Reef.		

APPENDIX B.

EXERCISES.

Fuelling abeam	Saturday 10th
Fuelling abeam	Monday 19th

APPENDIX C.

SPORTING CONTESTS

Monday 26th	Rugby	DIAMANTINA defeated DAMPIER	33 - Nil
	Volley Ball	SUBMARINES defeated DIAMANTINA	3 - Nil
Tuesday 27th	Water Polo	DIAMANTINA defeated VERULAM	11 - 1

APPENDIX D.

MOVEMENTS. (vide ACNB 045F)

1st to 10th	At sea - South China Sea
10th	Arrived Subic Bay
13th	Sailed Subic Bay
13th to 22nd	At sea - South China Sea
22nd	Arrived Hong Kong

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DEPARTMENT OF THE NAVY

MINUTE PAPER

18.206.828.

HMAS Diamantina

Oct '66.  
Report of proceedings

AS(NS) 22/11

D of O

DCNS

1NM 2/12/66 pnc

2NM 2/29/66

3NM 2/11/66

4NM 2/12/66

SEC 2/12/66

FAS(EG)

FAS(FM) 2/6/66

DFR 2/6/66

AS(NS)(N5) 2/11/66 2/12/66 2/12/66

Registrar

D of P	D/D of P(A)	DGFE	DTWP	D of C	DNAP	CONS	DNI	) Separate Report Circulating.			
HPB	DCNP	DOA	DMT	DDM	DPS	DFSD	DNR		DNES	ACDC	ACMD
DMED	ACTP	DWE	MDG	DNAS	AS(NS)(N5)	Registrar.					

- NOTES: (A) This report should be dealt with and passed on promptly.
- (B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

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STAFF IN CONFIDENCE

NAVY—CANBERRA  
18 206 828.

COMMONWEALTH OF AUSTRALIA

REF. NO.



DEPARTMENT OF THE NAVY

TELEPHONE:  
39-1521

NAVAL STAFF OFFICE,  
P.O. Box 58, FREMANTLE, W.A.

15 NOV 1966

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA, A.C.T.

(Copy to: Flag Officer Commanding, H.M. AUSTRALIAN FLEET.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS.

The attached report in duplicate for the month  
of October, 1966, is submitted.

*AS (NS) 18/11*

*NS Smith 24/11*

*[Signature]*  
COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA.

STAFF IN CONFIDENCE



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CENTRAL REGISTRY		
11 NOV 1966		
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Ref. no. 09/33

H.M.A.S. DIAMANTINA,  
at Sea.

1 November, 1966.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copies to: (i) The Commander, Far East Fleet, Naval Headquarters, Singapore.  
(ii) The Hydrographer, Royal Australian Navy, Garden Island, N.S.W.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR THE MONTH OF OCTOBER, 1966

Sir:

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of October, 1966.

2. DIAMANTINA was in Hong Kong at the beginning of the month and was shifted by tugs and pilot from the south to the east wall of Victoria Basin, on Saturday 1st.

Leave on this day, the anniversary of the founding of the Chinese Peoples' Republic was restricted to the China Fleet Club. The occasion was marked by a mammoth fire works display in the evening which illuminated the whole of the harbour at times.

3. On Tuesday 4th, the Fleet sailed, commencing at 0730 with H.M.S. LEANDER (Captain R.L. Eveleigh, D.S.C., R.N.) followed by H.M.A.S. STUART (Commander P. Goldrick, R.A.N.), H.M.S. CLEOPATRA (Commander M. La T. Wemyss, R.N.), H.M.A.S. PARRAMATTA (Commander J.A. Matthew, M.B.E., R.A.N.), H.M.S. HANUMAN (Commander G.Y. Temple, R.N.), H.M.S. KENT (Captain R.A. Begg, R.N.) and H.M.S. VICTORIOUS (Captain I.S. McIntosh, D.S.O., C.B.E., D.S.C., R.N.) wearing the flag of the Flag Officer Second - in - Command, Far East Fleet, Vice Admiral G.P. Mills, C.B., C.B.E., D.S.C.

4. The Messen Group held an evening reception in DAMPIER on Wednesday 5th to return hospitality received in Hong Kong, which was attended by Commodore and Mrs. Holford among a total of some 200 guests.

5. DIAMANTINA cast off and proceeded to sea at 0810 on Thursday 6th, having been preceded by ANDREW at 0630, VERULAM at 0800 and DAMPIER at 0805. The 14 day self maintenance period in Hong Kong was a most enjoyable one and was characterised by fine weather, which allowed the maximum amount of work, particularly on the upper deck, to be completed.

On clearing Lei-u-Mun Pass, Unit Two, comprising DAMPIER and DIAMANTINA steamed eastwards and at 1500, the first acoustic run was commenced, finishing at 1830.

6. The next ten days were spent carrying out a three to four hour acoustic run in the forenoon, depending on the length required in the particular area, followed by an ambient sea noise buoy run and then Messen observations (MOSOB) and R.A.N. observations (RANOB), finishing for the day at between 1830 and 1930. Transit to the next area was made overnight. Following this daily pattern, slow progress was made across the South China Sea to within 150 miles of the Southern Philippines and then south west in the general direction of Singapore.

7. DAMPIER detached on Saturday 15th to fuel from BROWN RANGER, which was not necessary for DIAMANTINA, because of her much greater range.

8. DIAMANTINA was detached by DAMPIER to proceed independently to Singapore Naval Base, at 1800 on Sunday 16th and this passage occupied all of Monday 17th and the morning of Tuesday 18th. On arrival at 0800, DIAMANTINA secured port side to No. 1 Berth in the Stores Basin and fuelling and storing were commenced immediately.

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-2-

Unit One, consisting of VERULAM, ANDREW and BROWN RANGER entered harbour at 1800.

9. DAMPIER entered harbour at 0745 on Wednesday 19th and secured outboard of DIAMANTINA at No. 1 Berth, being shifted by tugs and pilot to No. 2 Berth, on Thursday 20th.

10. The Monsea Group left harbour in column at 0930 on Sunday 23rd, the two units dispersing after passage of the Johore Straits. Unit One, having further to transit to their start position, went on ahead. Unit Two proceeded up the Malacca Strait at 11 knots.

Clocks were retarded 30 minutes to Z -7.

11. During the forenoon of Monday 24th, Officer of the Watch manoeuvres were carried out with DAMPIER for several hours.

Clocks were retarded one hour to Z -6 during the dog watches.

12. This final Phase (3) of Operation Monsea, contained nine areas, two of which were repeated, for investigation, stretching from north of the Malacca Strait out into the Indian Ocean, south across the equator and then north again to the southern limits of the Bay of Bengal. The average distances between the areas was greater than in the South China Sea, being about 180 miles, and in order to observe the deep scattering layer in darkness, RANOBs were terminated daily at about 1500 - 1530; transit then made at best speed to the next area and RANOBs commenced again at 0400 prior to starting the acoustic run at 0730 the following morning.

13. DIAMANTINA replenished with Furnace Fuel Oil from BROWN RANGER at 1130 on Monday 31st, being followed by DAMPIER.

14. The health of the Ship's Company is good, their morale is high and conduct has been good.

Conditions onboard are reasonable within the design limitations of the ship as previously reported and the appearance of the ship is good.

I have the honour to be,

Sir,

Your obedient servant,

  
(P.G. DUNCAN)  
LIEUTENANT COMMANDER, R.A.N.  
CAPTAIN

Appendices: A - Steaming Figures  
B - Exercises  
C - Sporting Contests  
D - Movements (vide ACNB 045F)

**CONFIDENTIAL**

**CONFIDENTIAL**

APPENDICES

APPENDIX A

STEAMING FIGURES

Distance steamed during the month	3948.4	miles
Hours underway during the month	305	hours
Total distance steamed since commissioning	220722.7	miles
Total hours underway since commissioning	22647.9/60	hours

APPENDIX B

EXERCISES

Monday 31st

Fuelling Ahead

APPENDIX C

SPORTING CONTESTS

Saturday 1st	PARAMATTA defeated DIAMANTINA - Rugby	14 to Nil
Sunday 2nd	PARAMATTA defeated DIAMANTINA - Aussie Rules	10.13 to 9.13
Thursday 20th	DIAMANTINA defeated DAMPIER - Rugby	9 to Nil
Friday 21st	LONDONDERRY defeated DIAMANTINA - Rugby	23 to 3

APPENDIX D

MOVEMENTS (VIDE ACNB 045F)

1st to 5th	At Hong Kong
6th to 17th	At Sea - South China Sea - Phase 2, MONSEA
18th to 22nd	At Singapore Naval Base
23rd to 31st	At Sea - Northern Indian Ocean & Bay of Bengal - Phase 3 MONSEA.

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DEPARTMENT OF THE NAVY

MINUTE PAPER

18.206.845.

HMAS Diamantina

Nov 66  
Report of proceedings

AS(NS) *13/12/66*

~~D of O~~

~~DCNS~~ *20/12*

~~1NM~~ *21/12*

~~2NM~~ *29/12*

~~3NM~~ *30/12*

~~4NM~~ *31/12*

~~SEC~~ *1/1*

~~FAS(EG)~~

~~FAS(FM)~~ *6/1*

~~DPR~~ *5/1*

~~AS(NS)(N5)~~ *11/1*

Registrar

<del>D of P</del>	<del>D of P(A)</del>	<del>DGFE</del>	<del>DTWP</del>	<del>D of C</del>	<del>DNAP</del>	<del>CONS</del>	<del>DNI</del>	) Separate Report Circulating.
<del>HPB</del>	<del>DCNP</del>	<del>DOA</del>	<del>DMT</del>	<del>DDM</del>	<del>DPS</del>	<del>DFSD</del>	<del>DNR</del>	
<del>DMED</del>	<del>ACTP</del>	<del>DWE</del>	<del>MDG</del>	<del>DNAS</del>	<del>AS(NS)(N5)</del>	<del>Registrar</del>		

- NOTES: (A) This report should be dealt with and passed on promptly.
- (B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

**CONFIDENTIAL**

STAFF IN CONFIDENCE

COMMONWEALTH OF AUSTRALIA

NAVY - CANBERRA

18 206 845.

REF. NO.

56/9/16

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9 DEC A.M.

TELEPHONE:  
39-1521



DEPARTMENT OF THE NAVY

P.O. Box 58

NAVAL STAFF OFFICE,  
FREMANTLE, W.A.

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA A.C.T.

(Copy to: Flag Officer Commanding, H.M. Australian Fleet.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

The attached report in duplicate for the month  
of November, 1966, is submitted.

  
COMMODORE  
(W.B.M. MARKS)  
NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA

*Noted  
13/12*

*12/12*

STAFF IN CONFIDENCE

CONFIDENTIAL

219

*See*

56	9	16
CENTRAL REGISTRY		
- 6 DEC 1966		
RECEIVED		
Naval Staff Office Fremantle		

01/33

H.M.A.S. DIAMANTINA,  
At Fremantle.

1st. December, 1966.

The Naval Officer in Charge,  
West Australia Area.

Copies to:- The Commander, Far East Fleet, Naval Headquarters, Singapore.  
The Hydrographer, R.A.N., Garden Island, N.S.W.

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR  
THE MONTH OF NOVEMBER, 1966.

Sir,

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of November, 1966.

2. At the beginning of the month DIAMANTINA was at sea in the Indian Ocean to the west of Sumatra in company with H.M.S. DAMPIER (Commander P.G.N. Cardno, R.N.) the two ships forming Unit Two of the Monsea Group. Unit One consisting of H.M.S. VERULAM (Lieutenant Commander R. Gaskin, R.N.), H.M.S. ANDREW (Lieutenant Commander M.J. Sizeland, R.N.) and R.F.A. BROWN RANGER (Captain A. Stanley) was working in adjacent areas separated by about 100 miles from Unit Two. The now familiar pattern of acoustic runs in the forenoon, followed by Monsea observations (MOSOBS) and R.A.N. observations (RANOBS) until about 1930 was being continued and whilst this made a long days work, it was always interesting because of the diversity of tasks required from the ship.

3. On Thursday 3rd. during the afternoon, a mail drop by an R.A.F. Shackleton from Seletar was made for both Units. This was a most welcome occurrence after 10 days at sea. DIAMANTINA detached from DAMPIER at 1500 to go on to the last area of investigation, but a frantic signal from DAMPIER before proceeding a mile brought us hurrying back to exchange mail bags; the labelling had been inadvertently reversed.

4. The final area which was inside the Malacca Strait to the north of Penang and fairly close to the west coast of southern Thailand was reached on the afternoon of Friday 4th. and whilst the usual MOSOBS were in progress, trials of a new commercial sea anchor were carried out, using the motor cutter. This sea anchor incorporates a nylon parachute drogue, is easy to use and proved most effective. The results of this trial and another held on the following day, have been reported separately. DAMPIER arrived in the area at 1900 and at 1930 the last acoustic run of Operation MONSEA was commenced. As DIAMANTINA steamed close past DAMPIER's bow we were given a traditional Chinese farewell with a long burst of fire crackers. On completion of the run, the data gathering was at an end and DIAMANTINA steamed south towards Penang anchoring some twenty miles to the north west of the Island at 0700 on Saturday 5th. DAMPIER anchored half a mile away at 0900. This then was the finish of Operation MONSEA as far as the Group was concerned. During the two and half months occupied by the three phases DIAMANTINA steamed 15,000 miles, detected over 5,000 acoustic noise sources and took 423 bathythermograph dips, apart from the numerous other information which was being gathered continually. All equipment installed specially for the trials operated very well with the exception of the underwater camera, an expensive piece of equipment which unfortunately did not pay its way. After very disappointing results, its use was discontinued because DAMPIER's camera was working efficiently and thus the time being spent trying to achieve success with this recalcitrant unit could not be justified. Of the planned schedule, no areas or phases had to be cancelled or omitted and in fact on a number of occasions extra observations were possible.

.....2.

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4. Enough analysis has been carried out onboard by the R.A.N.E.L. team under Mr. R. Wyber, Principal Research Scientist to show that data obtained is good, but a great deal remains to be done to establish facts. Ship's fitted equipment, although mostly old, worked very well. The heterogeneous communications sets were required to operate at a greatly increased and unaccustomed level and did this adequately. The credit for their reliability under constant usage is due to the small electrical complement borne, who worked long hours maintaining them.

5. DAMPIER and DIAMANTINA weighed anchor at 1030 and proceeded south down the Malacca Strait towards Singapore, the plan being to anchor off the Johore Shoal Buoy on the following night to await the arrival of Unit One, on the morning of Monday 7th. and then steam up the Johore Strait and enter Singapore Naval Base in company. However at 2200 DAMPIER was ordered ahead, to investigate shoal water in the vicinity of Terendek. DIAMANTINA proceeded alone to Johore Shoal Buoy and anchored at 0045 on Monday 7th.

6. At 0545, as VERULAM and ANDREW were approaching from the west, anchor was weighed, Formation One assumed and the passage of Johore Strait commenced at 0630. On the way up to the Naval Base, photographs of the Group were taken by a helicopter and it was unfortunate that DAMPIER could not be present.

7. DIAMANTINA secured port side to No.1 berth, Stores Basin at 0810 and work was immediately commenced to fuel, store, disembark the surplus 1 lb charges and land scientific equipment for return to Sydney. DAMPIER entered harbour and secured to No.2 berth at 2330.

8. At 1145 on Tuesday 8th., the Chief of Staff to Commander, Far East Fleet, Rear Admiral D.H. Mason, returned informally, my call of some time before. I waited on the Commander, Far East Fleet at 1500 to say farewell and take my leave from the Far East Station. Mr. R. Wyber, Principal Scientific Officer and Messrs F.H. Harper, O.I. Cooke and J.S. Lookey of R.A.N.E.L. and Mr. K.S. Leighton of A.V.W.E. left the ship at 1600 and at 1700 DIAMANTINA cast off and proceeded to sea bound for the Maria Augustina Bank, en route to Fremantle.

9. Gaspar Strait was entered at 1800 on Wednesday 9th and was cleared at 2100. The passage, as on former recent transits, evinced no apparent interest. Similarly on the following day, Thursday 10th, when passage was being made of Sunda Strait, no activity of any kind was seen. By 1900 the ship was clear of Java Head and a course was set to pass to the west of Christmas Island, which was abeam to port at 0600 on Friday 11th. At 1100 Remembrance Day was observed onboard. The charted position of Maria Augustina Bank was reached at 2200 after obtaining good celestial observations at sunset. This shoal water was reported in 1886 by a Spanish Frigate of the same name, which obtained soundings of 13, 11, 9, 7 and 5 fathoms and sighted a black object over which the sea broke, half a mile to the north west. From allegedly good observations at the time, verified later from landfall on Java Head the position was fixed as  $14^{\circ} 05'$  South,  $105^{\circ} 36'$  East. Apart from a line of soundings run through the centre of the bank which gave a least depth of about 2000 fathoms, no investigation had been made. A search pattern of nine 30 mile legs through the area, spaced 8 miles apart was carried out, covering approximately 1200 square miles. However the shallowest sounding obtained was 1480 fathoms.

10. At 2300 on Saturday 12th. DIAMANTINA left the area and proceeded to Fremantle.

11. A 40/60 practice shoot was carried out during the forenoon of Monday 14th., using weighted net. balloons as targets. The results were quite satisfactory.

12. Houtman's Abrolhos were abeam to port at 1800 on Tuesday 15th.

13. A full power trial was carried out during the morning watch from 0650 to 0750 on Wednesday 16th and a speed of 19 knots achieved between good land marks.

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.....3.

## CONFIDENTIAL

13. All machinery operated most satisfactorily. Identities were exchanged with H.M.S. KEPT (Captain R.A. Begg, R.N.) which was anchored off Rottneet Island, at 1300 and at 1345 DIAMANTINA entered Fremantle Harbour and secured starboard side to No.10A berth, North Wharf, where a large crowd of wives and relatives were waiting to welcome the Ship's Company. Customs clearance was obtained quite quickly and leave piped. DIAMANTINA had completed her longest trip away from Fremantle, 4 months, since first being based here in 1959. The distance steamed during the four months was 16,000 miles, with 1702 hours underway. The trip was a most successful one and quite apart from the scientific achievements of Operation MONSEA, which exceeded expectations, it was of great value to work with other ships and to be in a large Naval presence; a rare thing for DIAMANTINA. The Ships Company made many friendships, particularly from DAMPLER with whom we worked so closely and had the opportunity to play a lot of intership sport. From the point of view of training junior watchkeeping Officers the time was invaluable. In all ways Operation MONSEA was a productive and happy period for the ship.

14. Complete emptying and cleaning of all oil fuel tanks was started on Thursday 17th in preparation for the renewal of some 3,500 rivets on the external shell plating. The defect list is an extensive one and because of the very extensive re-rivetting required and the fitting of a second diesel generator, time on the slip will be long.

15. H.M.S. VICTORIOUS (Captain I.S. McINTOSH, D.S.O., M.B.E., D.S.C., R.N.) wearing the Flag of the Flag Officer Decend-in-Command, Far East Fleet, Vice Admiral C.P. Mills, C.B., C.B.E., D.S.C., entered harbour at 0800 on Friday 18th and secured to No.6 and 7 berths North Wharf. KEPT followed and secured to No.8 berth. The Admiral and the Captains of both ships wished to consider calls paid and returned, due to their heavy programme of events. R.F.A. TIDESPRING entered harbour at 1100 and secured to D Shed, Victoria Quay. Lieutenant Commander M.W. Varley (R) R.A.N. left the ship to take up his posting to the Hydrographic Office. He was employed on scientific duties under R.A.N.S.L. at which he worked hard and for long hours. His assistance with the sounding tacks which were carried out at Christmas Island and Maria Augustina Bank was extremely helpful.

16. I attended an evening reception onboard VICTORIOUS on Saturday 20th. given by the Admiral, Captains and Officers of both ships at which over 600 guests were entertained in the hangar.

17. DIAMANTINA reverted to 48 hours notice for steam and commenced the leave and refit period on Monday 21st. The originally planned date of Tuesday 22nd., for slipping was cancelled due to delays on the slip occasioned by labour troubles, and on Friday 25th. the ship was moved by tugs and pilot to the slip. H.M.S. VICTORIOUS sailed at 0930 followed by R.F.A. TIDESPRING. H.M.S. KEPT sailed at 0930 on Saturday 26th. and at 1100, H.M.A.S. ANZAC (Commander I.W. Broben, R.A.N.) entered harbour and secured to No.3 berth North Wharf.

18. Normal refit work was progressed during the remainder of the month. On Tuesday 29th. H.M.A.S. ANZAC left harbour at 1400.

19. The health of the Ship's Company is good, their morale is high and conduct has been good. Conditions on board are quite satisfactory and the appearance of the ship is good.

I have the honour to be,

Sir,

Your obedient servant,

  
(D.A. INNES)

LIEUTENANT COMMANDER R.A.N.  
for CAPTAIN (A.O.L.)

## CONFIDENTIAL



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APPENDICES

APPENDIX "A".

Distance steamed during the month.  
Hours underway during the month.  
Total distance steamed since commissioning  
Total hours underway since commissioning

3879.4  
340-51/60  
224602.1  
22988

APPENDIX "B"

EXERCISES.

Monday 14th.

40/60 Firing practice.

APPENDIX "C"

OFFICERS MOVEMENTS

Left ship  
Friday 18th.

Lieutenant Commander M.W. Varley, (H), R.A.N. - Posted to  
Hydrographic  
Office.

A/Sub Lieutenant (X) D.B. Watson, R.A.N.R. - discharged to shore  
on completion of  
full time service.

APPENDIX "D"

MOVEMENTS (Vide ACNB 045F)

1st. - 6th. At sea - Bay of Bengal and Malacca Strait - Phase III of MONSEA.  
7th. Singapore Naval Base  
8th. - 11th. On passage to Maria Augustina Bank via Gaspar and Sunda Straits.  
12th. - 13th. Survey of Marie Augustina Bank.  
14th. - 16th. On passage to Fremantle.  
17th. - 30th. At Fremantle.

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DEPARTMENT OF THE NAVY

MINUTE PAPER

18.6.712

Dec 66

HMAS Diamantina

Report of proceedings

~~AS(NS)~~ *23/1*

~~D of O~~

~~DCNS~~ *23/1*

~~1NM~~ *23/1*

~~2NM~~ *27/1*

~~3NM~~

~~4NM~~ *23/2*

~~SEC~~ *19/2*

~~FAS(EG)~~

~~FAS(FM)~~ *19/2*

~~C of S~~ *23/2*

~~DPR~~ *15/2*

~~AS(NS) (N5)~~ *23/2*

Registrar

<del>D of P</del>	<del>D/D of P(A)</del>	<del>DGFE</del>	<del>DTWP</del>	<del>D of C</del>	<del>DNAP</del>	<del>CONS</del>	<del>DNI</del>	} Separate Report Circulating.		
<del>HPB</del>	<del>DCNP</del>	<del>DOA</del>	<del>DMT</del>	<del>DDM</del>	<del>DPS</del>	<del>DFSD</del>	<del>DNR</del>		<del>DNES</del>	<del>ACDC</del>
<del>PNA</del>	<del>ACMD</del>	<del>DMED</del>	<del>ACTP</del>	<del>DWE</del>	<del>MDG</del>	<del>DNS</del>	<del>AS(NS)(N5)</del>		<del>Registrar</del>	

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NAVY—CANBERRA

18 6 712

COMMONWEALTH OF AUSTRALIA



REF. NO.

56/9/16

RECEIVED  
19 JAN A.H.

TELEPHONE:  
39-1521

DEPARTMENT OF THE NAVY

P.O. Box 58,

NAVAL STAFF OFFICE,  
FREMANTLE, W.A.

17 JAN 1967

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA, A.C.T.

(Copy to: Flag Officer Commanding, H.M. Australian Fleet.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

The attached report in duplicate for the month of December, 1966, is submitted.

COMMODORE

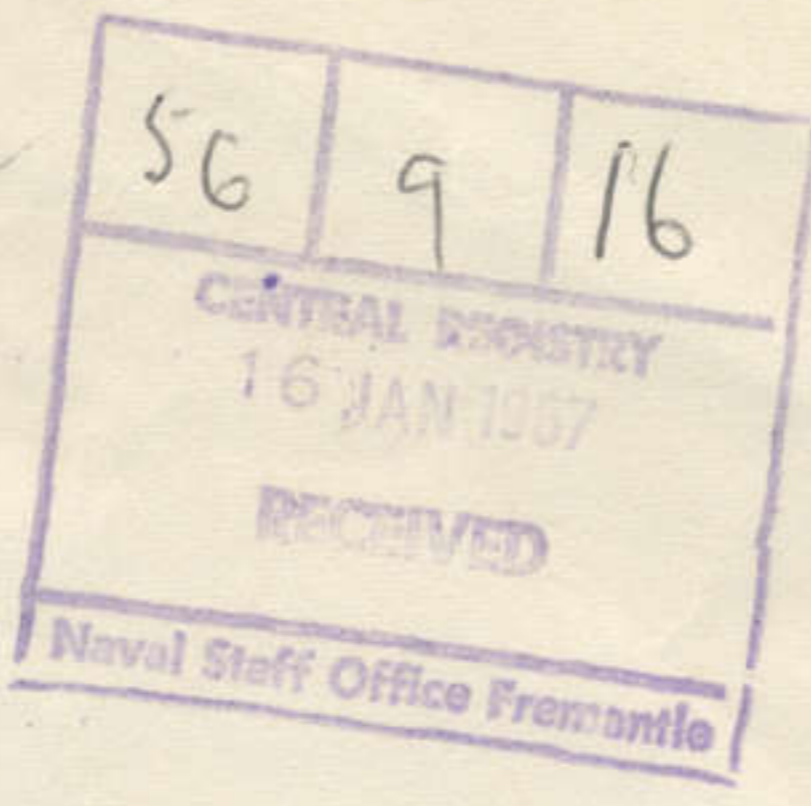
(W.B.M. MARKS)

NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA

NS PRM 23.1  
20/1

271

*Dev*



H.M.A.S. DIAMANTINA,  
At Fremantle.  
  
1st January, 1967.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, R.A.N., Garden Island, N.S.W.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR THE  
MONTH OF DECEMBER, 1966.

Sir:

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of December, 1966.

2. At the beginning of the month DIAMANTINA was on the Fremantle Slip and her annual refit was in progress. Major work in hand at this period was the drawing and replacement of approximately 3,500 rivets under the supervision of Mr. W. Robinson, Leading Hand Boiler Maker from H.M. Dockyard, Williamstown and the fitting of a second diesel generator in No. 9 fuel tank space between 62½ frame and 71 frame starboard. This installation proved much easier than was at first envisaged and is progressing well.
3. Throughout the remainder of the month the majority of the defects on a quite extensive list were taken in hand and progressed in a most satisfactory manner. The items outstanding at the moment are of a minor nature and if not undertaken during the refit period will not adversely effect the operational efficiency of the ship.
4. H.M.A.S. DERWENT (Commander G.J.E. Woolrych, R.A.N.) entered harbour at 0900 on Friday 2nd and sailed for Bunbury at 0830 on Wednesday 7th.
5. DIAMANTINA was unclipped at 0900 on Friday 23rd and was shifted by tugs and civilian pilot to No. 10A berth, North Wharf where she remained for the rest of the month.
6. I assumed command of H.M.A.S. DIAMANTINA from Lieutenant Commander P.G. Duncan (K), R.A.N. at 0900 on Wednesday 28th December.
7. At 1215 on Thursday 29th I was entertained to lunch by you, Sir.
8. Due to the fact that the Major of Fremantle, Sir Frederick Simpson, was on leave over the Christmas - New Year period I was unable to pay my respects, but will do so during the first week in January at His Worship's convenience.
9. The majority of the Officers and Ship's Company have had the major portion of their leave due, and the ship should be up to complement by the fourth week in January.
10. The health of the Ship's Company is good, their morale is high and conduct has been good.  
Considering that the ship is in refit and that a large portion of the sailors have been on leave, the conditions on board and the state of the ship are satisfactory.

I have the honour to be

Sir,

Your obedient servant,

*Edward*  
(M. WARD)

APPENDICES

APPENDIX A.

Distance steamed during the month	N11
Hours underway during the month	N11
Total distance steamed since commissioning	224602.1
Total hours underway since commissioning	22988

APPENDIX B.

EXERCISES

N11

APPENDIX C.

OFFICERS MOVEMENTS

Joined:

27th Lieutenant Commander M. Ward (X), R.A.N. - Posted In Command.

Left:

28th Lieutenant Commander P.C. Duncan (X), R.A.N. - Posted as Deputy  
H.O.I.C. N.A.

'D

DEPARTMENT OF THE NAVY

18. 6. 726

MINUTE PAPER

HMAS Diamantina Report of proceedings Jan 67

AS(NS) 9/1/2

D of O 10/2

DCNS 10/2

1NM 15/2

2NM 15/2

3NM 15/2

4NM 9/1/2 - Remarks in para 13 are being investigated 9/1/2

SEC 21/2

EAS(EG)

FAS(FM) 22/2

C of S 6/3

LPR 6/3

AS(NS) (NE) 7/3

Registrar

<del>D of P</del>	<del>D/D of P(A)</del>	<del>DGFE</del>	<del>DTWP</del>	<del>D of C</del>	<del>DNAP</del>	<del>CONS</del>	<del>DNI</del>	} Separate Report Circulating.
<del>HPB</del>	<del>DCNP</del>	<del>DOA</del>	<del>DMT</del>	<del>DDM</del>	<del>DPS</del>	<del>DFSD</del>	<del>DNR</del>	
<del>PNA</del>	<del>ACMD</del>	<del>DMED</del>	<del>ACTP</del>	<del>DWE</del>	<del>MDG</del>	<del>DNS</del>	<del>AS(NS)(N5)</del>	

- NOTES: (A) This report should be dealt with and passed on promptly.
- (B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

COMMONWEALTH OF AUSTRALIA

NAVY—CANGERRA		
18	6	REF. NO. 726
56/9/16		

RECEIVED  
 8 FEB A.M.  
 NAVY REGISTER



DEPARTMENT OF THE NAVY

TELEPHONE:  
39-1521

*[Handwritten signature]*

P.O. Box 58,

NAVAL STAFF OFFICE,  
FREMANTLE, W.A.

The Secretary,  
 Department of the Navy,  
 Navy Office,  
 CANBERRA. A.C.T.

6 FEB 1967

Copy to : The Flag Officer Commanding, H.M. Australian Fleet.

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS.

The attached report in duplicate for the month of January, 1967, is submitted.

*[Handwritten signature]*

NAVAL OFFICER IN CHARGE.  
WEST AUSTRALIA AREA.

*[Handwritten note: Smith 9/2]*

*[Handwritten initials]*

*See*

56	9	16
CENTRAL REGISTRY		
- 3 FEB 1967		
RECEIVED		
Naval Staff Office Fremantle		

H.M.A.S. DIAMANTINA,  
at Fremantle.

1 February, 1967.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, R.A.N., Garden Island, N.S.W.)

**H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR THE  
MONTH OF JANUARY, 1967.**

Sirs

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of January, 1967.

2. Throughout the month, DIAMANTINA was berthed at No. 10A North Wharf, Fremantle undergoing annual refits a large portion of the Ship's Company completed their leave and many postings in and out were effected.
3. At 1030 on Wednesday 4th I officially called on His Worship, the Mayor of Fremantle, Sir Frederick Sampson and was received most cordially.
4. His Swedish Majesty's Ship ALVSNABBEN (Captain Lennart Lindgren) entered harbour at 0900 on 9th and berthed at E Shed, Victoria Quay.
5. Lieutenant M.T. Roberts (SD)(N), R.N. called formally on Captain Lindgren on my behalf at 1530 the same day, and the call was returned by Commander E. Charpentier at 1145 on Wednesday 11th.
6. The President of the Wardroom Mess and nine Officers from ALVSNABBEN were entertained to lunch at 1200 on Wednesday 11th and very friendly relations were established.
7. His Swedish Majesty's Ship ALVSNABBEN left harbour at 0900 on Friday 13th for Hobart.
8. At 1200 on Tuesday 24th I attended a reception at the East Fremantle Town Hall given by His Worship the Mayor of East Fremantle, Mr. V. Ulrich J.P. and his councillors to farewell Commodore R.E.M. Marks CBE, DSC and to welcome you, Sir.
9. Basin Trials were successfully carried out on Thursday 26th and Friday 27th and DIAMANTINA came to eight hours notice for steam.
10. Ship was dressed with Masthead flags on Thursday 26th to commemorate Australia Day, and again on Monday 30th on the occasion of the official Australia Day holiday.
11. The annual refit was completed on Monday 30th with a few minor defects outstanding.
12. At 0830 on Tuesday 31st DIAMANTINA sailed to conduct Post Refit Trials and returned to harbour at 1415, securing alongside No. 10A Berth, North Wharf, starboard side to.

...../2



# RESTRICTED

12. It is considered that the visit was most successful and enjoyable from both the ship's and locals' point of view.

Excellent press was received including a recorded interview by the Fijian Broadcasting Commission with Mr. Harry Jitte of the Commonwealth Scientific and Industrial Research Organisation and myself, covering the ship's history, role and oceanography.

A Make and Head was granted to the Ship's Company on each day and all sailors made ample use of the time for sightseeing, shopping and entertainment.

13. In the period 3rd to 12th May on passage from Suva to Manus, hydrological casts were made and water samples taken at 0830, 1430 and 2000 daily. Photometry was carried out as close to Meridian passage as possible each day. All equipment functioned well and members of the Commonwealth Scientific and Industrial Research Organization were able to carry out all their allotted tasks.

14. On Sunday 7th, sixty members of the Ship's Company were given small arms instruction and practised in firing the Bren, Rifle, Thompson and .38 calibre pistol. All handled the weapons well and the shoot revealed a large number of possible marksmen.

15. On Monday 8th a 40/60 AA shoot was carried out, using Meteorological balloons as target. An estimated 1% T.F.B. was achieved. The opportunity was taken to allow one ORDQMG to fire the weapon and gain experience with twenty rounds.

16. At 0845 on Friday 12th, Diamantina entered Seadler harbour after an uneventful passage.

17. HMAS MELBOURNE, flying the flag of FOCAP, and HMAS DERWENT sailed from Manus at 0900.

18. The ship berthed alongside at Manus starboard side to, at 0930 and the Officer of the Guard boarded and was received in due form.

19. At 1030 I called on the Naval Officer-in-Charge, Papua New Guinea.

20. At 1600 HMAS SUPPLY entered harbour and berthed at Sabukaleo Point.

21. At 1800 on Friday 12th, the Captain of HMAS SUPPLY and four of his Officers and the Naval Officer-in-Charge, Papua New Guinea and his Officers and wives were entertained at an informal Cocktail Party on board.

22. In company with the Captain of Supply, I had the pleasure of dining with the Naval Officer-in-Charge, Papua New Guinea at 1945.

23. At 0900 on 13th May, Diamantina cast off and proceeded from Manus, clearing harbour at 0935.

24. At 1015 a 40/60 shoot was carried out on a surface target with moderate success.

25. On Sunday 14th, King Neptune boarded at 1315 and was received with due accord. His court was very well prepared and ably initiated all new members into his domain, in addition to those of previous experience.

It was an enjoyable and humorous ceremony and was appreciated by all.

26. Between 13th and 22nd May, while on passage to Darwin, north of New Guinea, Commonwealth Scientific and Industrial Research Organisation work continued unhampered and kept the five men on board, fully occupied.

# RESTRICTED

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HMAS DIAMANTINA - REPORT OF PROCEEDINGS

3.

1st June, 1967

27. A notable feature of this period was the extreme visibility experienced. At one stage in the Molucca sea, an island was raised at 95 miles. Many other sightings at slightly less ranges were made.
28. On Friday 19th, I addressed the Ship's Company on the necessity for the security of all aspects of the Navy, with particular emphasis on Ship's movements and careless talk.
29. The passage through Indonesian claimed waters in the Molucca, Banda and Arafura seas commenced at 0400 on Thursday 18th and ended at 1400 on Sunday 21st. No activity of any sort was seen and the ship's progress aroused no apparent interest.
30. At 0845 on Monday 22nd HMAS DIAMANTINA entered Darwin Harbour and berthed port side to an Outer Stokes Hill Wharf at 0930.
31. I called officially on the Naval Officer-in-Charge, North Australia Area at 1100; His Worship the Mayor of Darwin, Alderman H. Chan M.L.C. at 1130 and the Administrator of the Northern Territory, Mr. R. Dean, at 1600. All calls were informally returned at 1800.
32. At 1800 on Monday 22nd an Official Cocktail Party was held on board and was attended by 60 guests.
33. I called on the Harbourmaster, Captain C.D. Allridge at 1000 on Tuesday 23rd.
34. The ship was open to visitors from 1400 to 1630 on Tuesday 23rd and approximately 150 people availed themselves of the opportunity.
35. Whilst the ship was in Darwin, two bus tours to Berry Springs and Adelaide River and many sporting activities were organised. Although the results of the sports were not in the ship's favour, a good effort was made by all participants.
36. Favourable press was received both before and during the visit.
37. The ship was dressed overall at 0800 on Wednesday 24th in commemoration of Commonwealth Day.
38. At 1400 on Wednesday 24th the ship cast off and proceeded to complete the last leg of the Commonwealth Scientific and Industrial Research Organization cruise en route to Sydney.
39. At 2230 on Friday 26th Diamantina proceeded through the Prince of Wales Channel and the Great North East Channel into the Gulf of Papua. The complete passage, which took eleven hours, was made on a clear calm night with a gibbous moon. The recommended route was followed and the night passage was greatly assisted by the use of radar. All currents, tidal streams and soundings appeared to be as predicted.
40. A successful 40/60 AA shoot was conducted on Tuesday 30th. Experience was once more given to Ordinary Seamen Various Gunnery categories.
41. In all the whole month proved very successful for the C.S.I.R.O. whose members have made full use of their ship time and achieved all they set out to do.
42. On all passages during the month, continuous bottom sounding was achieved, but produced nothing unusual or worthy of note. With the exception of one minor fault, which has now been corrected, all equipment functioned satisfactorily throughout.

# RESTRICTED

# RESTRICTED

43. The Interness Competition for the first half of 1967 was won by 9 and 10 Mess (Engineering and Electrical) who were presented with a trophy on Sunday 28th.

44. The health of the Ship's Company is good, morale and conduct is satisfactory.

45. Conditions on board and the appearance of the ship are good.

I have the honour to be

Sir,

Your obedient servant,

(M. WARD)

LIAISON AND COMMANDER GLEX DL RAN  
CAPTAIN

Thursday	4th	at 12 hours
Friday	5th	at 12 hours
Saturday	6th	at 12 hours
Sunday	7th	at 12 hours
Monday	8th	at 12 hours
Tuesday	9th	at 12 hours
Wednesday	10th	at 12 hours

- APPENDICES:
- A Steaming Figures
  - B Exercises
  - C Officers
  - D Sporting

1st May	at 12 hours	at 12 hours	at 12 hours	2 - 1
2nd May	at 12 hours	at 12 hours	at 12 hours	2 - 1
3rd May	at 12 hours	at 12 hours	at 12 hours	2 - 1
4th May	at 12 hours	at 12 hours	at 12 hours	2 - 1
5th May	at 12 hours	at 12 hours	at 12 hours	2 - 1
6th May	at 12 hours	at 12 hours	at 12 hours	2 - 1
7th May	at 12 hours	at 12 hours	at 12 hours	2 - 1
8th May	at 12 hours	at 12 hours	at 12 hours	2 - 1
9th May	at 12 hours	at 12 hours	at 12 hours	2 - 1
10th May	at 12 hours	at 12 hours	at 12 hours	2 - 1

# RESTRICTED

# RESTRICTED

## APPENDICES

### APPENDIX A

#### STEAMING FIGURES

Distance Steamed during the month	6,737.6 miles
Hours Underway during the month	622 hours
Total Distance steamed since commissioning	242,098.9 miles
Total Hours underway since Commissioning	24,713 hours

Wednesday 31st - Economical Speed exceeded PANOPS 150

(a)	2.5
(b)	17.1
(c)	2 tons
(d)	8.5
(e)	Quarterly power trial in 3000 Articles 1509 & 0321.

Notes (b), (c) and (d) refer only to the hour at full power.

### APPENDIX B

#### EXERCISES

Thursday 4th	NECD Exercise
Sunday 7th	Small Arms Instruction and Shoot
Monday 8th	40/60 Firing
Saturday 13th	40/60 Firing
Tuesday 16th	Major NECD Exercise
Tuesday 30th	40/60 Firing

### APPENDIX C

#### OFFICERS

Nil

### APPENDIX D

#### SPORTS

12th May	at Manus Volleyball	TARANGAU defeated DIAMANTINA	2 - 1
12th May	at Manus Basketball	TARANGAU defeated DIAMANTINA	28 - 14
22nd May	at Darwin Basketball	NAVY/ARMY defeated DIAMANTINA	49 - 9
23rd May	at Darwin Rugby	NAVY/ARMY defeated DIAMANTINA	23 - 5
23rd May	at Darwin Soccer	RAAF defeated DIAMANTINA	5 - 0
23rd May	at Darwin Squash	NAVY/ARMY defeated DIAMANTINA	5 - 0
23rd May	at Darwin Tennis	DIAMANTINA defeated NAVY/ARMY	FORFEIT

# RESTRICTED

DEPARTMENT OF THE NAVY

MINUTE PAPER

18.6.768

HMAS

*Diamantina*

Report of proceedings *June 1967*

*11/7*

AS(NS)

D of O

DCNS

1NM

2NM

3NM

4NM

SEC

FAS(EG)

FAS(FM)

C of S

DER

AS(NS)

*11/7*  
*13/7*  
*Seen 11/7*  
*17/7*  
*18/7*

Registrar

~~D of P D/D of P(A) DGFE DTWP D of C DNAP CONS DNI } Separate  
HPB DCNP DOA DMT DDM DPS DFSD DNR DNES ACDC PNA } Report  
ACMD DMED ACTP DWE MDG DSAP AS(NS)(N5) Registrar } Circulating.~~

NOTES: (A) This report should be dealt with and passed on promptly.

(B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

NAVY—CANBERRA  
18 6 768

COMMONWEALTH OF AUSTRALIA



REF. NO.  
56/9/16

DEPARTMENT OF THE NAVY

P.O. Box 58,

NAVAL STAFF OFFICE,  
FREMANTLE, W.A.

TELEPHONE:  
39-1521

LOG  
INDEX ON  
/ /

The Secretary,  
Naval Board,  
Naval Officer,  
CANBERRA. A.C.T.

- 6 JUL 1967

(Copy to Flag Officer, Commanding H.M. AUSTRALIAN FLEET.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS.

The attached report in duplicate for the month of  
June, 1967 is submitted.

NAVAL OFFICER-IN-CHARGE.  
WEST AUSTRALIA AREA.

Encl.

*ASKUS*  
*8/17/67*  
*12/17/67*

Reference: 01/33.

H.M.A.S. DIAMANTINA,  
At Garden Island.

1 July, 1967.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, R.A.N., Garden Island, N.S.W.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR THE MONTH OF  
JUNE, 1967.

---

Sir,

I have the honour to report the proceedings of Her Majesty's Australian Ship DIAMANTINA under my command for the month of June, 1967.

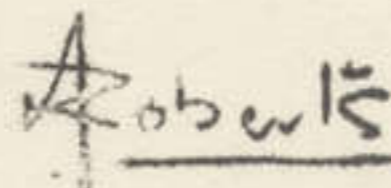
2. At the beginning of the month DIAMANTINA was in the Coral Sea east of Brisbane on the final leg of an oceanographic cruise for the Commonwealth Scientific and Industrial Research Organisation. Time and position hydrology stations were being made at 0830 and 2000 daily along the return route to Sydney.
3. The final station was completed at 1615 on Saturday, 3 June, and a course was set for Port Jackson.
4. H.M.A.S. DIAMANTINA entered Sydney Heads at 0840 on Sunday 4 June, and berthed on H.M.A.S. VENDETTA at the Cruiser Wharf at 0900.
5. The ship was met by members of the press and television channels, who came aboard to interview Mr. H. JITTS, the cruise leader, and myself. The subsequent news items gave particular emphasis to the rich plankton area in the Banda Sea and the 4,000 fathom deep found 240 miles east of Noumea.
6. H.M.A.S. DIAMANTINA reverted to 48 hours notice for st am and commenced her long self maintenance period on Monday 5 June.
7. On Friday 9 June, DIAMANTINA dressed ship with masthead flags to commemorate the birthday of His Royal Highness Prince Phillip Duke of Edinburgh.
8. The Belgium Naval Ship Du-Moor (Capitaine-de-Corvette G.V. ROBYNS) entered harbour and berthed at North End Fitting Out Wharf, Garden Island, at 0930 and at 1000 H.M.N.Z.S. INVERELL berthed at South End Fitting Out Wharf.
9. The Ship was dressed with masthead flags on Monday 12 June, to commemorate the official Birthday of Her Majesty.
10. At 0900 on Tuesday 13 June, H.M.S. SIRIUS berthed at Fitting Out Wharf for a goodwill visit.  
The Belgium Naval Ship Du-Moor sailed at 1150 for Brisbane and a scientific cruise of the Barrier Reef.

11. On Wednesday 14 June, at 0930 DIAMANTINA cast off and was moved by tugs to Captain Cook Dock, berthing at 1000. The draining of the dock was completed at 1500.
12. The maintenance and repair of the sonar dome was completed at 0945 on Friday 16 June, and flooding up commenced at 1000 and was completed at 1110. At 1330 the ship was moved by tugs from Captain Cook Dock and berthed on VENDETTA at Cruiser Wharf at 1350.
13. H.M.S. SIRIUS sailed at 1000 on Saturday 17 June, for Tonga to participate in the celebrations for the coronation of King Taufa Ahau Tupou IV of Tonga.
14. At 1100 on Sunday 18 June, H.M.N.Z.S. INVERELL sailed to continue her navigational and seamanship cruise.
15. Ship maintenance was progressed during the remainder of the month.
16. Since the commencement of the Long Self Maintenance period a large percentage of the defects and maintenance work taken in hand has been completed and the remainder, with one exception has been progressed satisfactorily. The vacuum blasting of the quarterdeck, which can only be worked in perfectly dry weather, has been seriously hampered by the unseasonable wet weather during the month.
17. During the Long Self Maintenance Period the opportunity was taken to give fourteen days mid-winter leave to each watch. The first leave period commencing on Monday 12 June, and the second on Monday 26 June.
18. The health of the ship's company is good, their morale is high and conduct has been good. The conditions on board and the state of the ship are satisfactory.

I have the honour to be

Sir,

Your obedient servant,



(M.T. ROBERTS)  
LIEUTENANT, R.N.  
COMMANDING OFFICER  
for CAPTAIN (A.O.L.)



Appendices..

A - Steaming Figures

B - Exercises

C - Officers

D - Sporting

APPENDICES.

APPENDIX A.

Stamina Figures.

Distance steamed during this month	897.6
Hours underway during this month	81
Total distance steamed since commissioning	242996.5
Total hours underway since commissioning	24794

APPENDIX B.

Exercises.

Nil

APPENDIX C.

Officers.

Joined	LEUT RLEX N.J. DANIEL	5 June.
Left	ASLT RLEX C. GRUBBA	6 June.

APPENDIX D.

Sporting.

Rugby.

Wednesday 28 June, H.M.A.S. VENDETTA defeated H.M.A.S. DIAMANTINA  
19 - Nil.

**RESTRICTED**

DEPARTMENT OF THE NAVY

MINUTE PAPER

18.206.1036

July, 1967

HMAS

*Diamantina*

Report of proceedings

*20/1/67*

AS(NS)

D of O

DCNS

1NM

2NM

3NM

4NM

SEC

FAS(EG)

FAS(FM)

C of S

DFR

AS(NS)

(N5)

Registrar

<del>D of P</del>	<del>D of P(A)</del>	<del>DGFE</del>	<del>DTWP</del>	<del>D of C</del>	<del>DNAP</del>	<del>CONS</del>	<del>DNI</del>	} Separate Report Circulating.
<del>HPB</del>	<del>DCNP</del>	<del>DOA</del>	<del>DMT</del>	<del>DDM</del>	<del>DPS</del>	<del>DFSD</del>	<del>DNR</del>	
<del>ACMD</del>	<del>DMED</del>	<del>ACTP</del>	<del>DWE</del>	<del>MDG</del>	<del>DSAP</del>	<del>AS(NS)</del>	<del>(N5) Registrar</del>	

NOTES: (A) This report should be dealt with and passed on promptly.

(B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

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NAVY-CANBERRA  
18-206-1036  
ASNS 21/8/67

COMMONWEALTH OF AUSTRALIA



REF. NO.

56/9/16

TELEPHONE:  
39-1521

DEPARTMENT OF THE NAVY

P.O. Box 58, NAVAL STAFF OFFICE,  
FREMANTLE, W.A. 6160

01/33

H.M.A.S. DIAMANTINA  
at Sea.  
13th August, 1967.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA

(Copy to : The Hydrographer, R.A.N.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR  
THE MONTH OF JULY, 1967

Reference : My letter 01/33 dated 1 August, 1967.

It is requested that Appendix A to the  
reference be amended as under.

Distance steamed during this month	3478.6	
Hours underway during this month	410*	
Total distance steamed since commissioning		246475.1
Total hours underway since commissioning		25204

Signed (M.WARD)  
LIEUTENANT COMMANDER, R.A.N.  
C A P T A I N

11.

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA. A.C.T.

(Copy to: Flag Officer Commanding, H.M.AUSTRALIAN FLEET.  
Garden Island, Sydney N.S.W.)

Reference : NOICWA letter 56/9/16 dated 18 August, 1967.

Forwarded.

ASNS 21/8/67  
21/24/8  
Do/O  
DTWP 21/28/8  
3 NM  
28/8/67

*La Shannon*

NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA

21 AUG 1967

4NM - on 30/8/67

30/8/67

for attachment to main file

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21 AUG 1967  
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RESTRICTED

COMMONWEALTH OF AUSTRALIA



NAVY—CANBERRA		
18	206	1036
REF. NO.		

56/9/16

TELEPHONE:  
39-1521

DEPARTMENT OF THE NAVY

P.O. Box 58, NAVAL STAFF OFFICE,  
FREMANTLE, W.A. 6160

The Secretary,  
Naval Board,  
Naval Office,  
CANBERRA. A.C.T. 2600

18 AUG 1967 /

(Copy to : Flag Officer Commanding H.M.AUSTRALIAN FLEET)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS.

The attached report in duplicate for the month  
of July, 1967 is submitted.

NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA

Encl.

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Bmlls  
22/8

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*Dev*

56	9	16
CLASSIFIED COPY		
15 AUG 1967		
RECEIVED		
Naval Staff Office Fremantle		

Reference: 01/33.

H.M.A.S. DIAMANTINA,  
At Sea.

1 August, 1967.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, R.A.N)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR THE  
MONTH OF JULY, 1967.

(all times Kilo (-10)).

Sir,

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of July, 1967.

2. Throughout the period 1 - 10 of the month DIAMANTINA was berthed outboard of H.M.A.S. VENDETTA at Cruiser Wharf, Garden Island, Sydney, completing the programmed Long Self Maintenance Period.
3. At 0830 on Wednesday 5 July, the ship was shifted by tugs to the new west wall berth to carry out a Basin Trial. The trial was satisfactory and the ship was reberthed on VENDETTA at 1415 - and came to eight hours notice for steam.
4. At 2000 on Thursday 6 I attended the Third David Rivett Memorial Lecture at the University of New South Wales given by Dr. Maurice Ewing, Director of the Lamont Geological Observatory of the University of California. Dr. Ewing, an eminent geophysicist, very capably gave an interesting lecture on the "Sediment Cover of the sea floor."
5. By the 10th of the month, all watches of the ship's company had completed fourteen days mid-winter leave and had returned onboard.
6. While the ship was berthed in Sydney, stowing was completed and equipment for the present cruise was embarked and installed.
7. Overall the Long Self Maintenance Period proved very successful. This was influenced greatly by the valuable assistance given by the Fleet Maintenance Party to the Hull, Electrical and Engineering Departments. A large number of outstanding defects

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2.

and Planned Maintenance Routines were ably dealt with. The most notable being the refitting of a large number of water tight doors and hatches on the weather decks and the repair of large areas of tiling.

8.6 Although it was a Self Maintenance Period it has been hoped to gain Dockyard Assistance to undertake all outstanding Dockyard defects and Dockyard Planned Maintenance items at this time. However owing to the lack of capacity due to other ships refitting the Dockyard was only able to take inhand urgent and essential items. All work undertaken by the Dockyard was of a satisfactory standard.

9. The ship's company worked well in the period, but due to inclement weather, little progress was made on the upper deck. The portion of the quarterdeck that was vacublasted and metal sprayed is excellent and a complete contrast to the remainder of the weather decks.

10. At 1000 on 10th July, the ship cast off and proceeded to sea to conduct engine trials and sonar trials. Trials were successful with the exception of both main engines which developed bearing defects caused by overheating. DIAMANTINA returned to harbour entering Sydney Heads at 1125 and secured to No. 4 buoy at 1230. The bearing were removed for machining and further adjustment and were replaced on Tuesday 11th.

11. Thirty tons of TNT - RDX explosive was embarked on Tuesday 11th for the present seismic Survey. The charges varied in size from 2lb to 68lbs. The ship's company did extremely well in accomplishing the loading task in a very short time.

12. At 0830 on Wednesday 12th, after embarking a trials team (Dockyard Electrical Section) and cruise members, H.M.A.S. DIAMANTINA slipped from No. 4 buoy and proceeded to sea for further engine trials and trials of the oceanographic winch. Trials were successful and the trials team was landed in Watson's Bay at 1300.

13. H.M.A.S. DIAMANTINA cleared Sydney Heads at 1330 on 12th July and proceeded en route for Townsville and the Coral Sea area.

14. Embarked were five members of the University of New South Wales led by Mr. L.V. Hawkins to carry out the programmed seismic survey. The Survey a cooperative effort between Australia and the United States of America is a two ship operation, the American contribution being the Research Vessel VEMA with members of the Lamont observatory embarked.

15. The functioning of sonobuoys was tested off Fraser Island whilst on passage and they produced satisfactory results. The sonobuoys had only arrived from the United Kingdom just prior to sailing and the University team had no previous experience of them.

16. H.M.A.S. DIAMANTINA entered Townsville harbour at 0937 on Sunday 16th and berthed starboard side to at No. 6 berth at 1005.

17. Planning meetings were held with VEMA and embarked scientists and equipment was transferred during the day.

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3.

One member of the University of New South Wales transferred to VEMA to work with their team and Dr. Ewing and one other member from the Lamont Observatory joined DIAMANTINA.

16. All logistic requirements and arrangements in Townsville were well handled by the Naval Agent, the Sub-Collector of Customs Mr. E. Mahoney.

19. R.V. VEMA (Master H. C. KOHLER) sailed from Townsville at 0800 on Monday 17th and H.M.A.S. DIAMANTINA cast off and proceeded at 1000 clearing harbour at 1030.

20. At 1200 on 17th DIAMANTINA came to the port anchor in Challenger Bay in the Palm Islands group. VEMA secured alongside the starboard side at 1400 and 15 tons of explosives were transferred to her for use in the survey.

21. Conditions were very gusty in the anchorage and in coming alongside VEMA caused some minor superficial damage to guardrail stanchions and one upper deck ventilator. Damage was such that it was able to be repaired by ship's staff.

22. R.V. VEMA is a three masted schooner of 583 tons, 200' length overall and 23' in beam and was originally constructed in 1923 as a private yacht. The vessel was purchased by the Lamont Geological Observatory and converted for survey and research work. VEMA has a satellite navigation system fitted which, when functioning, has proved extremely accurate. At present she has a crew of 23 and has 6 scientists embarked. Accommodation is available for up to 20 extra personnel. Although no longer luxuriously equipped, she is smart and run well by her Nova Scotian crew.

23. Calibration of equipment continued throughout the night of the 17th and at 0545 on Tuesday 18th VEMA cast off and proceeded for the first profile.

24. Anchor was weighed at 0600 on Tuesday 18th and the ship proceeded clearing Challenger Bay west and north of Curaco Island and then out into the Coral Sea via the Palm Passage.

25. Palm passage was entered at 0700 and cleared at 1030. Although wind and sea conditions were anything but ideal, fixing was available and the passage proved uneventful. Soundings as charted were correct. It is considered that the passage in from the Coral Sea would prove much more difficult and that it should only be attempted under ideal conditions.

26. At 0800 on Wednesday 19th DIAMANTINA stepped on station to begin the first seismic refraction profile. The method employed to carry out the survey is for one ship to stop at the beginning of the profile and stream sonobuoys and hydrophones, and for the other ship to pass close by and commence firing charges out to a distance of approximately 50 miles. By recording time of shot and the time taken for the sound and the echoes to reach the recording ship, thickness and type of layers on the ocean bed can be calculated. On completion of its firing run, the ship streams its hydrophones and the first ship then commences a firing run up to it. Normal profile time is in the vicinity of 10 to 12 hours.

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27. Some trouble was experienced with the non-detonation of explosives charges and the fault eventually traced to the fitting of the safety fuze to the Japanese detonators being used. The investigation into the failures was frustrating as all shallow charges were exploding as did 50% of the deeper shots. It was eventually discovered by trial that the increased water pressure at 300 feet was forcing water into the detonator and causing it to fail. By taping the fuze before inserting it into the detonator a much tighter fit was obtained and all charges made up in this manner have fired correctly. Although a lot of failures were experienced, enough information was obtained to make the first three profiles worthwhile.

28. All profiles which have been subsequently completed have been most successful and Dr. Ewing, who is a world authority on the subject, has commented highly.

29. The University of New South Wales have not had overmuch success with their sonobuoys owing to high noise levels and the members inexperience with the equipment. This has not adversely affected their cruise as they are obtaining adequate information from the hydrophones being used by the Lamont Observatory member embarked.

30. After a trying week of bad weather, conditions improved on Tuesday 25th and have remained excellent since.

31. H.M.A.S. DIAMANTINA detached from the survey at 2110 on 26th July and entered Grafton Passage at 0530 on 27th July clearing the reef at 0640.

32. Cairns harbour was entered at 0815 and after turning around in the river, H.M.A.S. DIAMANTINA berthed port side to at No. 10 berth (Naval Fuelling Wharf) at 0907. At 1130 the ship cast off and secured port side to at No. 3 berth at 1150.

33. The ship cast off and proceeded from Cairns at 1000 on Friday 28th and cleared Grafton passage to seaward at 1250.

34. Rendezvous was made with VEMA at 0300 on 29th July and the survey recommenced.

35. Continuous bottom soundings have been made throughout the period and in general they have conformed with those already recorded in the area.

36. The opportunity has been taken to exchange officers with VEMA for periods of 24 and 48 hours and the experience gained on both sides has been extremely worthwhile. Officers from VEMA have been particularly impressed with the manner in which DIAMANTINA's soundings are charted. Work of this nature is not attempted in VEMA although it is a highly specialised vessel.

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37. With the advanced posting date (15 August) of the 41 Ordinary Seamen borne an intensified training programme has been commenced and although a strain on the ship's resources, all will have completed their syllabus and will have been tested before proceeding on posting.

38. The health of the ship's company is very good, morale is high and conduct has been good. The conditions onboard and the state of the ship are satisfactory.

I have the honour to be,

Sir,

Your obedient servant

*M. Ward*

(M. WARD)  
LIEUTENANT COMMANDER, RAN  
CAPTAIN

Appendices

A  
B  
C  
D

RESTRICTED

# RESTRICTED

## APPENDICES.

### APPENDIX A.

#### Steaming Figures.

Distance steamed during this month	3478.6
Hours underway during this month	25204
Total distance steamed since commissioning	246475.1
Total hours underway since commissioning	25204

### APPENDIX B.

#### Exercises.

NIL

### APPENDIX C.

#### Officers.

Joined: SSSG LCDR THOM  
LCDR GLEX TAS MOONEY

Left SSSG Leut GILMORE

### APPENDIX D.

#### Sporting.

NIL

# RESTRICTED

**RESTRICTED**

DEPARTMENT OF THE NAVY

MINUTE PAPER

18-206-1058

HMAS Diamantina

Report of August, 1967 proceedings

*15/8/67*  
AS(NS) *15/8/9/67*

D of O

DCNS *22/9*

1NM *AMEN 22/9*

2NM *25/9*

3NM *27/9*

4NM *27/9*

SEC

FAS(EG)

FAS(FM)

C of S *29/9*

DFR *29/9*

AS(NS) *(N5) 9/10*

Registrar

~~D of P D/D of P(A) DGFE DTWP D of C DNAP CONS DNI } Separate  
HPB DCNP DOA DMT DDM DPS DFSD DNR DNES ACDC PNA } Report  
ACMD DMED ACTP DWE MDG DSAP AS(NS)(N5) Registrar } Circulating.~~

NOTES: (A) This report should be dealt with and passed on promptly.

(B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

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NAVY REGISTRY

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COMMONWEALTH OF AUSTRALIA



NAVY—CANBERRA		
18	206	1058

REF. NO.

56/9/16

TELEPHONE:  
39-1521

DEPARTMENT OF THE NAVY

P.O. Box 58, NAVAL STAFF OFFICE,  
FREMANTLE, W.A. 6160.

13 SEP 1967 ✓

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA, A.C.T., 2600.

(Copy to: Flag Officer Commanding H.M. Australian Fleet)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS

The attached report in duplicate for the  
month of August, 1967 is submitted.

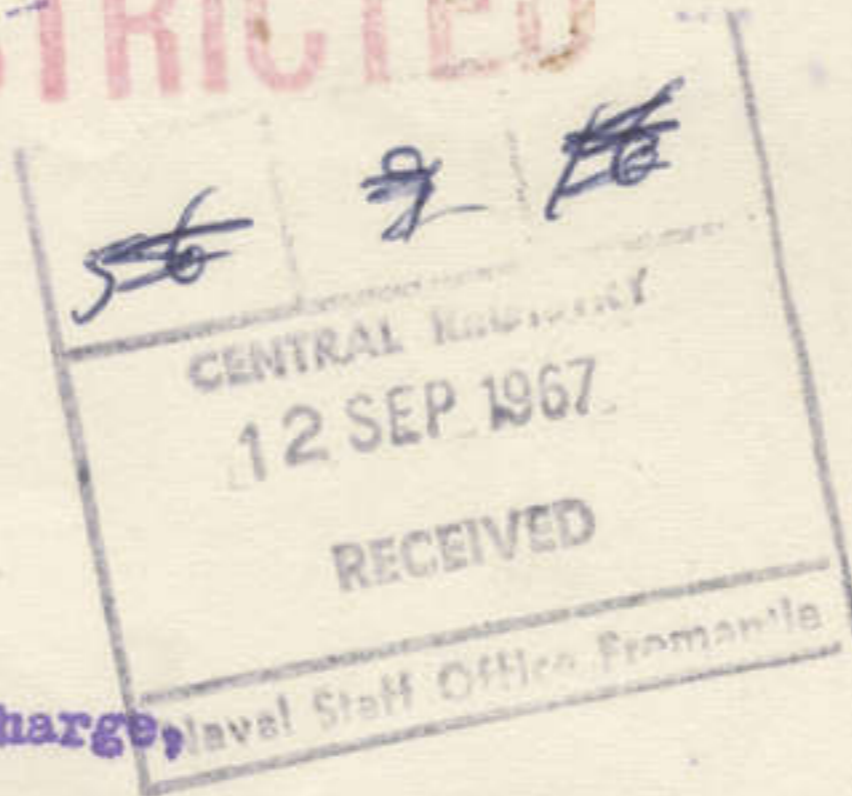
NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA

Encl.

NS Smith  
15/9

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MR. W. O'NEILL  
H.M.A.S. DIAMANTINA  
As Com.  
1 September, 1967.

*Se*

The Naval Officer-in-Charge,  
West Australia Area.

(Copy to:- The Hydrographer, R.A.N.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR THE  
MONTH OF AUGUST, 1967.

(All times Kilo (-10))

Sir,

I have the honour to report the proceedings of H.M.A. Ship under my command for the month of August, 1967.

2. At the beginning of the period DIAMANTINA was engaged on a Seismic Survey which was commenced on 19 July with R.V. VEMA in the Coral Sea. All aspects of the work were carried out most successfully and, when the overall programme had been completed on 8 August, a total of nineteen profiles involving approximately 950 separate charges had been made.

The majority of profiles were conducted around the Willis Island group, but some were made to the north and east as far as China Strait at the south eastern tip of New Guinea.

Although it will be some time before all the information collected is fully analyzed, it is of some note that a large portion of the seabed to the south and west of Willis Islands is of "Continental" structure while that to the north east is of "Ocean" structure.

Due to overcast conditions and bad weather, ample use was made of VEMA's Satellite navigation system which proved a boon. An aid such as this would be of great assistance to all ships, particularly those in the survey and oceanographic fields where at present much valuable information is lost because of inadequate celestial fixing.

It was possible in this instance to produce soundings for the complete 22 day period by using VEMA's navigation system when celestial observations were not possible.

Numerous boat transfers were made using VEMA's dories which proved to be very handy small craft in all sea conditions.

The explosives party led by LCDR D. MOONEY did an excellent job under predominantly trying conditions. No mere failures were experienced with the charges.

3. Training of the forty one Ordinary Seamen continued throughout, and on the occasion of their final test on 8 August, all passed well with the exception of one ORDME. The result was very gratifying for the training staff who had put a large amount of effort into a condensed period.

4. Grafton passage was entered from seaward at 1245 on Tuesday 8th and cleared at 1430.

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5. Passage was made southerly inside the reef on the night of 8th and 9th August and Townsville Harbour entered at 0947 on the 9th. H.M.A.S. DIAMANTINA berthed port side to at No. 7 berth at 1008.
6. Calls were considered paid and returned.
7. On Wednesday 9th, post survey discussions were held, Mr. L.V. Hawkins of the University of New South Wales and the Lamont Observatory member disembarked to VEMA and gear which had been on loan, transferred. VEMA presented her track charts and soundings made during the cruise, for use by the R.A.N. Hydrographic office. Throughout the whole cruise, the co-operation and liaison between the two ships was of the highest standard and contributed greatly to the success of the programme.
8. The Belgian Naval Vessel, De Moor (ex British Algerine Class) was in Townsville during H.M.A.S. DIAMANTINA's visit. De Moor is at present engaged in an oceanographic and photographic cruise in the Coral Sea, for the Liege University. The Ship was in extremely poor condition and there appeared to be no uniformity of dress in the crew.
9. At 1000 on Thursday 10th H.M.A.S. DIAMANTINA cast off and proceeded, clearing harbour at 1015.
10. Passage to Breaksea Spit was made to seawards of the Whitsunday and Percy groups.
11. The opportunity was taken on Friday 11th to fully exercise the Ship's demolition team in preparation of charges whilst LCDR Mooney was embarked. Members of the demolition team had previously participated in the preparation of all charges for the survey.
12. At 1300 on 10th August, the Ship's Quarterly Full Power Trial was commenced and completed at 1530. During the trial a number of defective main engine cylinder relief valves were noted. These defects were made good during the recent Self Maintenance Period at Garden Island.
13. Use was made of the East Australian Current en route to Sydney which over the whole passage averaged  $1\frac{1}{2}$  knots.
14. H.M.A.S. DIAMANTINA entered Sydney Harbour at 1000 on Sunday 13th and secured alongside Cruiser Wharf port side to at 1030 for a Self Maintenance Period.
15. At 1100 on Monday I called on the Chief of Staff to the Flag Officer Commanding, H.M.A. FLEET, Captain I.H.S. Cartwright, R.A.N.
16. On Tuesday 15th forty Ordinary Seamen under training were posted out to H.M.A.S. WATSON and H.M.A.S. CERBERUS and forty posted in from H.M.A.S. ANZAC.
17. At 0730 on Tuesday 15th U.S.S. CARPENTER, Commander W. Beck, U.S.N. and U.S.S. SPRONSON, Commander H. Scudder, U.S.N. entered harbour and berthed at the Fitting Out Wharf at 0815.
18. H.M.A.S. STUART berthed outboard of H.M.A.S. DIAMANTINA at 1200 on Wednesday 16th.
19. After disembarkation of University of New South Wales and R.A.N.E.L. equipment, which was completed on Wednesday 16th, the C.S.I.R.O. commenced embarking equipment for the present Current Cruise.

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20. U.S.S. CARPENTER and U.S.S. SPRONSON sailed as cargo on Thursday 17th.
21. Ship was stored on Thursday and Friday 17th and 18th and all .303 SMLE rifles and Brens were replaced by the new standard SLK and L1A2.
22. H.M.A.S. STUART cast off and sailed at 0745 on Friday 18th.
23. At 0900 on Friday 18th, H.M.A.S. MELBOURNE wearing the flag of the Flag Officer Commanding, H.M. AUSTRALIAN FLEET berthed at the Fitting Out Wharf.  
H.M.A.S. SUPPLY berthed at West Wall Wharf at 0930 and H.M.A.S. OXLEY berthed at H.M.A.S. PLATYPUS at 1110.
24. Shipwrights and E.R.A.'s from the Fleet Maintenance Party once more gave much valuable assistance during the Self Maintenance Period. Although the weather was somewhat inclement, further progress was made in shot blasting and metal spraying the quarterdeck.
25. At 0830 on Saturday 19th H.M.A.S. STUART berthed outboard.
26. At 0830 on Monday 21st I called on the Flag Officer Commanding, H.M. AUSTRALIAN FLEET.
27. H.M.A.S. STUART was shifted by tugs to Captain Cook Dock at 0905.
28. With Commonwealth Scientific and Industrial Research Organisation personnel embarked H.M.A.S. DIAMANTINA cast off and proceeded at 1000 on Monday 21st.
29. Before clearing harbour, the ship carried out nine runs over the de-gaussing range and, after landing range personnel, departed for the present cruise at 1303.
30. The purpose of the present cruise is to follow up the work done in the area by H.M.A.S. DIAMANTINA in March and April of this year. Predominantly the work involves the measurement of currents off the New South Wales coast but a large amount of hydrological work is also being undertaken.
31. The presence of a deep depression and associated sea precluded the adherence to the original plan to stand out to seawards and at 2100 on Tuesday 22nd course was set for the Evans Head area.
32. At 1130 on Wednesday 23rd, a temperature recording instrument was laid in position 14.5 miles east of Evans Head. This instrument will be monitored and recovered by Commonwealth Industrial Research Organisation personnel using local fishing craft.
33. Passage was then made to a position 120 miles east of Evans Head, hydrological stations being conducted en route, and the the ship returned to 29° 07' S 154° 50' E where work commenced on measuring currents. The method used being similar to that outlined in my April, 1967 Report of Proceedings.

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34. The new group of Ordinary Seamen appear to have settled in fairly well and progress is being made with their sea training.
35. Hydrology stations were recommenced on Saturday 26th in conjunction with current work.
36. At 1330 on Monday 28th a 40/60 m.m. Rapid open fire exercise was conducted. Unfortunately, owing to a weapon malfunction the exercise was not fully successful.
37. On Tuesday and Wednesday 29th and 30th numerous hydrological stations were carried out within a 30 mile radius of position 154° 30' E 29° 00' S.
38. At 0100 on Thursday 30th H.M.A.S. DIAMANTINA closed the coast and after checking the position of the temperature recording equipment off Evans Head set course on passage for Sydney at 0700.
39. The inter-mess competition has continued and the standard of knowledge in the Quiz section is extremely high.
40. The health of the Ship's Company is good, morale is high and conduct has been satisfactory.
41. Conditions on board are good considering the age and amenities of the ship, and the appearance is satisfactory.

I have the honour to be,

Sir,

Your obedient servant,



(M. WARD)  
LIEUTENANT COMMANDER, R.A.N.  
CAPTAIN

Appendices  
A, B, C & D.

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## APPENDIX A.

### Steaming Figures.

Distance steamed during the month	4,249.4	
Hours underway during the month	528.5	
Total distance steamed since commissioning		250724.5
Total hours underway since commissioning		25732.5

### Occasions for exceeding Economical speed

Date	Duration/hrs	Av. Speed	Tons/hr.	Miles/ton
11th	3.0	18.0	2.8	6.4

Reasons: Quarterly Full Power Trials.

## APPENDIX B.

Reference A.F.G.O. 250

Gunnery;	
Bofors Crew for Exercise	- 1.
Seamanship;	
Seabats Exercise	- 4.
Engineering;	
Exercise Steering Breakdown;	- 1.
NBCD;	
Leaving Ship Stations	- 1.
Emergency stations	- 1.
State 1 Condition Z	- 1.

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APPENDIX C

Officers

**Joined** Lieutenant L.M. SULMAN, R.A.N. from DUCHESS 16 August, 1967.  
Lieutenant R.G. MACDONALD, R.A.N.R.S. from shore 18 August, 1967.

**Left** Lieutenant Commander D.G. MOONEY, R.A.N. to WATSON 13 August, 1967  
Lieutenant Commander J.A. THOM, R.N. to CERBERUS 15 August, 1967  
Lieutenant M.T. ROBERTS, R.N. to LEBWIN 16 August, 1967.

APPENDIX D.

Sporting.

Wednesday 16th

DIAMANTINA V MORISSBY -- Draw.

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DEPARTMENT OF THE NAVY

18-206-1086.

MINUTE PAPER

September, 1967

HMAS DIAMANTINA

Report of proceedings

~~AS(NS)~~ 17/10  
~~D of O~~ 19/10  
~~DCNS~~ 22/10  
~~1NM~~ 23/10  
~~2NM~~  
~~3NM~~  
~~4NM~~ 26/10  
~~SEC~~ 27/10  
~~FAS(EG)~~  
~~FAS(FM)~~ 30/10  
~~Ch of S~~ 31/10  
~~DPR~~ 1/10  
~~AS(NS)~~ (N5) 31/10

Registrar

~~B of P D/D of P(A) DGFE DTWP D of C DNAP DSMP CONS DNI } Separate  
 HPB DCNP DOA DMT DIM DPS DESD DNR DNES D of R ACDC PNA } Report  
 ACMD DMED ACTP DWE MDG DSAP AS(NS)(N5) Registrar } Circulating.~~

- NOTES: (A) This report should be dealt with and passed on promptly.
- (B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

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16 OCT 1967  
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COMMONWEALTH OF AUSTRALIA



NAVY—CANBERRA		
18	206	1086

REF. NO.

56/9/16.

TELEPHONE:  
X 32152x

39 1522.

DEPARTMENT OF THE NAVY

P.O. Box 58,

NAVAL STAFF OFFICE,  
FREMANTLE, W.A. 6160.

12 OCT 1967

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA, A.C.T., 2600.

(Copy to: Flag Officer Commanding H.M. Australian Fleet).

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS.

The attached report in duplicate for the month  
of September, 1967 is submitted.

NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA.

Encl.

NS SB<sup>16</sup>/<sub>10</sub>

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Ref No. 01/33.

H.M.A.S. DIAMANTINA,  
At Sea.

2 October, 1967.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to:- The Hydrographer, R.A.N.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS FOR  
THE MONTH OF SEPTEMBER, 1967.

Sir,

I have the honour to report the proceedings of H.M.A. Ship under my command for the month of September, 1967.

2. At 0800K on Friday 1st, H.M.A.S. DIAMANTINA entered Sydney Heads and berthed port side to on North End Fitting Out Wharf at 0830K. Ship was stored and fuelled during the day.
3. On Monday 4th, at 1000K, the ship cast off and proceeded to No. 2 buoy, securing at 1017K. Ammunition and Lachymetry stores were embarked as free freight for R.A.N.A.W.E.E. BYFORD, Western Australia and the ship slipped at 1049K. H.M.A.S. DIAMANTINA then carried out two runs on the Degaussing Range before clearing harbour at 1200K with six members of the Commonwealth Scientific and Industrial Research Organisation's Department of Fisheries embarked to continue the current Cruise IM 4/67.
4. Conditions were overcast with light rain and moderate seas and after carrying out two hydrological stations east of Port Hacking the ship proceeded to  $33^{\circ}00'S$   $152^{\circ}35'E$ . Stations were made along latitude  $33^{\circ}S$  to longitude  $157^{\circ}E$ , thence north to  $32^{\circ}S$ , thence west to the 200 fathom line. Weather conditions deteriorated over this period and became totally unsuitable for operations by 0930K on Thursday 7th. Very rough seas and winds of 45 knots were experienced and the ship made slow headway at six knots into the seas.
5. By 1000K on Friday 7th conditions had moderated sufficiently to allow the laying of fixed and neutral buoyancy transmitters in position  $32^{\circ}00'S$   $154^{\circ}04'E$  for recording sub surface currents. Surface currents were measured continuously with the streamed Geomagnetic Electric Kinetograph. Although winds had moderated, the south easterly swell made conditions on board extremely uncomfortable while the ship was operating at low speeds for the following three days.
6. At 1330K on Monday 11th, a successful 40/60 AA shoot was conducted using weighted meteorological balloons as targets. Results overall were satisfactory. Three Ordinary Seaman Gunnery Categories were afforded the opportunity of firing the weapon.
7. Hydrological stations were conducted in conjunction with current work, within 30 miles radius of position  $32^{\circ}S$   $154^{\circ}04'E$ .

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8. At 0320K on Wednesday 13th it was necessary to set course for Sydney with a sailor suffering from acute appendicitis on board. Sydney Heads were entered at 1315K and the patient transferred to H.M.A.S. PENGUIN by workboat at 1330K. A successful operation was subsequently carried out at R.A.N.H. PENGUIN. H.M.A.S. DIAMANTINA returned to sea at 1345K.
9. Hydrological stations were carried out to the west and north of the fixed transmitter area AM on Thursday 14th, and on completion the ship proceeded to the transmitter area arriving at 1500K. Weather conditions had once more deteriorated and the sea state and low transmitter battery state precluded location of the fixed transmitter. A search was instituted for the buoyant transmitter but was abandoned at 0330K on Friday 15th. No other equipment was available and course was set for Sydney.
10. Although considerable time had been lost on the cruise due to weather; returning to Sydney and the failure of transmitter batteries, quite adequate information was recorded by members of the Commonwealth Scientific and Industrial Research Organisation to enable them to continue their ocean dynamics programme.
11. Bottom soundings were attempted throughout the period, but because of sea conditions and lack of observations, only 385 miles of track were considered accurate enough for recording. These were submitted in the normal manner.
12. H.M.A.S. DIAMANTINA entered Sydney Heads at 1730K on Friday 15th and berthed starboard side to on the West Dock Wharf at 1800K.
13. On Sunday 17th all Commonwealth Scientific and Industrial Research Organisation equipment that had been used on cruise M 4/67 was disembarked and Commonwealth Scientific and Industrial Research Organisation equipment on loan to the Horace Lamb Institute embarked for use on the cruise south of Adelaide commencing on 25th of the month.
14. At 0815K on Monday 18th I called on the Chief Staff Officer to The Flag Officer Commanding, H.M. AUSTRALIAN FLEET and took my leave.
15. After fuelling, storing and embarking the landrover H.M.A.S. DIAMANTINA cast off and proceeded at 0930K, clearing harbour at 1000K. Passage was made down the N.S.W. coast en route for Adelaide.
16. Conditions were good until the ship passed through the centre of a depression after rounding Gabo Island. At 0430K on Tuesday 19th the wind freshened from the south west to 40 knots with occasional gusts to 50 knots. The weather was fairly clear but the sea state quickly rose necessitating a reduction in speed. A speed of 10 knots was made good to Wilson's Promontory. The Southern tip of the mainland was cleared at 2000K and course was set for Cape Otway. A most uncomfortable night was spent with the wind and sea on the port bow.
17. Cape Otway was rounded at 0645K on Wednesday 20th and conditions moderated to 20-25 knot south westerly winds with a 20 foot swell.
18. On Wednesday 20th I addressed the ship's company on the subject of security.
19. Clocks were retarded 30 minutes at 1815K on Wednesday 20th to zone IK (-9½).

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20. Backstaire Passage was entered at 0600IK and cleared at 0715IK on Thursday 21st.
21. After passing the Entrance buoy, H.M.A.S. DIAMANTINA entered Adelaide Outer Harbour at 1140IK and proceeded up river to the British Petroleum Fuel Wharf berthing starboard side to at 1315IK.
22. At 1330IK on Thursday 21st the Officer of the Guard, LEUT RLEX R.S. BENNETT, R.A.N.V.R. called and was received in due form.
23. At 1350IK the Officer of the Guard departed.
24. After fuelling H.M.A.S. DIAMANTINA cast off from the B.P. Wharf at 1502IK and proceeded to No. 5 Berth in No. 1 Dock Port Adelaide berthing starboard side to at 1520IK.
25. H.M.A.S. DIAMANTINA chopped to the operational control of The Naval Officer-in-Charge, WEST AUSTRALIA AREA after arrival in Adelaide.
26. On Friday 22nd at 0915IK I called on the Naval Officer-in-Charge, SOUTH AUSTRALIA. All other calls were considered paid and returned.
27. At 1800IK my Officers and myself entertained 36 guests at an Official Cocktail Party.
28. On Saturday 23rd members of the Horace Lamb Institute of the Flinders University of South Australia embarked their equipment for cruise HIBM 2/67.
29. H.M.A.S. DIAMANTINA was open to the public from 1400 IK to 1630IK // on Sunday 24th and 1790 people visited the ship.
30. After embarking members of the Horace Lamb Institute of the University of South Australia, H.M.A.S. DIAMANTINA cast off at 0934IK on Monday 25th and proceeded to sea clearing Outer Harbour at 1045IK.
31. Course was set for the first station in position  $36^{\circ}00'S$   $135^{\circ}00'E$  to commence the programme of studying the dynamics of the Southern Ocean in Spring.  
After Station 1, the plan was to proceed south along longitude  $135^{\circ}00'E$  till the southern limit of the warm east flowing current was reached and then to follow it easterly to  $138^{\circ}45'E$ . After investigation in that area to proceed to  $48^{\circ}00'S$   $135^{\circ}00'E$  and then return north along  $132^{\circ}00'E$ .  
Very little hydrological work has been carried out previously in the Southern Oceans.
32. As progress was made to the south, weather conditions quickly deteriorated and necessitated the cancelling of stations south of latitude  $45^{\circ}00'S$ .  
Unfortunately, whilst conducting a hydrological station in  $45^{\circ}00'S$   $138^{\circ}45'E$ , 1400 metres of wire and 7 Nanson bottles and associated thermometers were lost when the hydrological wire came into contact with the ship's side and parted. Sea conditions were very rough and winds of up to 55 knots were experienced.  
At 2000IK on Wednesday 27th the ship was brought into the wind and sea and made slow headway for the next 42 hours.  
By 1400IK on Friday 29th conditions had improved slightly and it was possible to resume some hydrological work.

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33. Stations were carried out as planned for the remainder of the month.

34. Members of the University led by Dr. J.A.T. Bye have expressed great satisfaction with what they have achieved even in the appalling conditions which have prevailed, and indications are that the currents in the area of operation are affected by the coastline of the mainland and Tasmania and by longitudes

An interesting point is the fact that the rough waters caused a large amount of mixing in surface waters which over the last three days were isothermal down to 200 metres.

It is worthy of note that the work done by the deck crew of the team has been highly commendable in the conditions experienced.

35. Difficulty was experienced with soundings over 2,500 fathoms during this latter cruise due to extremely poor sea conditions for this type of work. Oceanographic and Hydrological work south of latitude  $38^{\circ}00'$  in the Great Australian Bight is not recommended at this time of the year because of prevailing conditions.

36. The training of Ordinary Seamen is progressing well with the exception of one or two, all have settled in well. Practical work on deck and in seaboats has been very restricted.

37. The morale and health of the Ship's Company is satisfactory conditions on board are good, but owing to the continuously bad weather experienced, the appearance of the ship is only fair.

I have the honour to be,

Sir,

Your obedient servant,



(M. WARD)

LIEUTENANT COMMANDER, R.A.N.  
CAPTAIN

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## APPENDICES.

A.

### Steaming.

Distance steamed during the month. 4727.7  
Hours underway during the month 493  
Total Distance steamed since commissioning 255452.2  
Total hours underway since commissioning 26225.5

B.

### Exercises.

Emergency Stations - 2  
Leaving Ship stations - 2  
NBCD State 1 Condition Z - 2  
40/60 AA Shoot - 1

C.

### Officers.

		From.	Date.
Joined	LEUT GLEX K.H. MACGOWAN	DUCHESS	22.9.67
	LEUT GLEX N C.C. MORGAN	LONSDALE	17.9.67
	ASLT SLEX J.E. PARSONS	RUSHCUTTER	22.9.67
Left	LCDR GLEX O D.A. INNES	To: ALBATROSS	Date: 16.10.67
	LEUT GLEX N L.M. SULMAN	HARMAN	16.10.67

D.

### Sporting.

Nil.

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DEPARTMENT OF THE NAVY

18-206-1106.

MINUTE PAPER

October, 1967

Report of proceedings

HMAS Diamantina

14/11

AS(NS) 14/11

D of O 15/11

DCNS

Training results are good vide pages 18 and 26 15/11

1NM

2NM

3NM

4NM

SEC

FAS(EC)

FAS(FM)

D of S

DPR

AS(NS)

(N5) 12

Registrar

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HPB DCNP DOA DMT DDM DPS DFSD DNR DNES D of R ACDC PNA } Report  
ACMD DMED ACTP DWE MDG DSAP AS(NS)(N5) Registrar } Circulating.~~

- NOTES: (A) This report should be dealt with and passed on promptly.
- (B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

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NAVY—CANBERRA

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COMMONWEALTH OF AUSTRALIA

18 | 201 | 1106

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REF. No.

56/9/16

DEPARTMENT OF THE NAVY

TELEPHONE:

39 1521  
xxxxx 39 1522

NAVAL STAFF OFFICE

BOX 58

FREMANTLE, W.A. 6160

9 NOV 1967

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA .. A.C.T. 2600

(Copy to: Flag Officer Commanding H.M. Australian Fleet).

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS.

The attached report in duplicate for the month of  
October, 1967 is submitted.

NAVAL OFFICER-IN-CHARGE  
WEST AUSTRALIA AREA.

Encl.

AB 14/11

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Ref. No. 01/33.

H.M.A.S. DIAMANTINA,  
At Sea.

1 November, 1967.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, R.A.N.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS  
FOR THE MONTH OF OCTOBER, 1967.

---

Sir,

I have the honour to report the proceedings of H.M.A. Ship under my command for the month of October, 1967.

2. At the beginning of the month H.M.A.S. DIAMANTINA was operating in the Great Australian Bight south of Adelaide engaged on a hydrological cruise for the Horace Lamb Institute of the Flinders University of South Australia. Deep stations were conducted twice daily and results gained were most satisfactory.
3. The final station was made at 1730IK on Monday, 2nd October after which the ship proceeded through Investigator Strait to St. Vincent's Gulf.
4. At 1610IK on Tuesday, 3rd, H.M.A.S. DIAMANTINA came to the starboard anchor in 17 fathoms of water in position 35°02'S 138°E. The anchorage was made to allow repairs to be made to a starboard main engine Bottom End Bearing which had developed a pronounced knock. Engineer room staff worked particularly well and repairs and trials were completed by 0030IK.
5. H.M.A.S. DIAMANTINA weighed at 0400IK on Wednesday, 4th and proceeded to Adelaide.
6. Outer Harbour was entered at 0640 IK and after turning, H.M.A.S. DIAMANTINA berthed port side to on No. 4 Berth, Outer Harbour at 0700IK. Some members of the Horace Lamb Institute were disembarked and fuel and provisions embarked.
7. With four personnel of the Flinders University onboard H.M.A.S. DIAMANTINA cast off and proceeded from Adelaide at 1020IK on Wednesday, 4th, clearing Outer Harbour at 1040IK.
8. After clearing Investigation Strait at 1730IK on Wednesday, 4th, course was set to traverse the 2000fathom line to Fremantle with the aim of sounding for sub terranean canyons and conducting hydrological stations at predetermined positions. Unfortunately faults developed in the Precision Depth Recorder and it was not possible to rectify the equipment onboard. Soundings were made where possible using the type 771 but these were not recorded because of inaccuracy due to lack of observations.

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9. Although overcast, seas were slight and visibility was good affording a comfortable passage. Hydrological stations were conducted as planned.
10. Eclipse Island Light was raised at 2255H on Saturday 7th, and H.M.A.S. DIAMANTINA proceeded around the coast to Fremantle.
11. At 0945H on Monday, 9th, H.M.A.S. DIAMANTINA entered Fremantle Harbour and berthed port side to at No. 9 Berth at 1000H. A large number of relatives and friends were present to welcome the ship's company.
12. At 1000H on Tuesday 10th, I called on you, Sir.
13. The period 10th - 15th October was spent in Fremantle, self maintaining, fuelling and storing.
14. At 0615H on Friday, 13th, the ship was shifted by tugs to E Shed Victoria Quay portside to.
15. I called on the Harbourmaster, Captain A.B. Brackenridge at 1030H.
16. The Ship's Divers were exercised at 1030H on Friday 13th.
17. The period 16th - 25th October inclusive was spent day running from Fremantle with Twenty-Five Junior Recruits from H.M.A.S. LEEUWIN embarked on each occasion. Experience was given in seaboats, anchoring, as helmsmen and as lookouts. All lads gained valuable knowledge and enjoyed the break from classroom studies.

The opportunity was taken in this period for the Executive Officer and Navigating Officer to con the ship in and out of harbour and to give the Sub-Lieutenants experience in anchoring and blind pilotage.

Various berths in Fremantle Harbour were allocated over the nine days.

18. On Tuesday, 17th, sixteen sailors from H.M.A.S. DIAMANTINA attended a Promotion Board in Section 1 at H.M.A.S. LEEUWIN, and all passed with the exception of one sailor in one part.
19. At 1845H on Thursday, 19th, all ship's divers in conjunction with divers from H.M.A.S. LEEUWIN carried out a night diving exercise in Fremantle Harbour.
20. The Annual Ship's Company Ball was held on Friday, 20th, at the Pagoda Ballroom in Come at 2000H and was attended by 400 personnel and their guests. All had a most enjoyable evening.
21. On Tuesday 24th, members of the Public Relations film unit embarked in H.M.A.S. DIAMANTINA and recorded the activities of Junior Recruits undergoing training.
22. H.M.A.S. TEAL and H.M.A.S. IBIS entered Fremantle Harbour at 1500H on Wednesday 25th, and berthed at A and E Sheds, Victoria Quay.
23. At 1000H on Thursday, 26th, H.M.A.S. DIAMANTINA proceeded to sea for Families Day, 85 relatives of the ship's company were embarked and on completion of the organised exercises and displays H.M.A.S. DIAMANTINA returned to harbour at 1515H berthing starboard side to at H Shed, Victoria Quay.

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24. Stores and Commonwealth Scientific and Industrial Research Organisation equipment were embarked on 27th and 28th October.

25. At 1030H on Monday 30th H.M.A.S. DIAMANTINA cast off and proceeded for cruise DM 5/67 off the Western Australian Coast.

The main objects of the cruise are to gather crayfish larvae and study their breeding habits and to assess the movement of ocean waters by means of hydrological casts. The five members on board are led by Dr. D.J. Rockford.

26. All Ordinary Seamen completed their sea training and passed their sea test during the month with very satisfactory results.

27. The health of the ship's company is good, their morale is high and conduct has been good. The conditions onboard and the state of the ship are satisfactory.

I have the honour to be,

Sir,

Your obedient servant,

*M Ward*

(M. WARD)

LIEUTENANT COMMANDER, R.A.N.  
CAPTAIN

Appendices- A, B, C and D.

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**RESTRICTED**

APPENDICES.

A. STEAMING.

Distance steamed during the month	2,659.7 miles
Hours underway during the month	293
Total distance steamed since commissioning	258,111.9 miles
Total hours underway since commissioning	26519

B. EXERCISES.

SEABOATS	32
LAY DANBOUYS	6
EMERGENCY STATIONS	1
LEAVING SHIP STATIONS	1
STATE 1 CONDITION 2	1
STEERING GEAR BREAKDOWN	9
MAN OVERBOARD	32
X.O. CON SHIP	1
N.O. CON SHIP	1
RADAR CALIBRATION	1
DIVING	2 Day and 1 Night Exercise.

C. OFFICERS.

Thursday, 12 October.

Lieutenant N.G.R. DANIEL, R.A.N.R.S. left the ship after completing 5 months sea training.

Sunday, 29 October.

Surgeon Lieutenant D. POLE, R.A.N.R. joined from H.M.A.S. LEEUWIN.

D. SPORTING.

NIL.

**RESTRICTED**



**RESTRICTED**

18-206-1140.

DEPARTMENT OF THE NAVY

MINUTE PAPER

~~18~~ - November, 1967

HMAS ~~X~~ *Diamantina*

Report of proceedings

*14/11/67*

~~AS(NS)~~ *18/12*

~~D of O~~ *14/12*

~~DCNS~~ *15/12*

~~1NM~~ *19/12*

~~2NM~~ *22/12*

~~3NM~~ *23/12*

~~4NM~~ *29/12*

~~SEC~~

~~FAS(EG)~~

~~FAS(FM)~~ *21/1/68*

~~of S~~ *3/1*

~~DER~~ *9/11*

*9/1/68*

~~AS(NS)~~ *(N5) 18/9/11*

Registrar

<del>D of P</del>	<del>D of P(A)</del>	<del>DGFE</del>	<del>DTWP</del>	<del>D of C</del>	<del>DNAP</del>	<del>DSMP</del>	<del>CONS</del>	<del>DNI</del>	} Separate Report Circulating.
<del>HPB</del>	<del>DCNP</del>	<del>DOA</del>	<del>DMT</del>	<del>DDM</del>	<del>DPS</del>	<del>DFSD</del>	<del>DNR</del>	<del>DNES</del>	
<del>of R</del>	<del>ACDC</del>	<del>PNA</del>	<del>Registrar</del>	<del>AS(NS)</del>	<del>(N5)</del>	<del>Registrar</del>			

NOTES: (A) This report should be dealt with and passed on promptly.

(B) On this file comments should be brief; if any matter requires comprehensive treatment, reference to another Branch, or approval of a Board Member, a new file should be raised, cross-referenced to this one.

*18/12*

*21/12*

*21/2/11*

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C 11 DEC 1967  
NAVY REGISTRY

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COMMONWEALTH OF AUSTRALIA



DEPARTMENT OF THE NAVY

NAVY—CANBERRA  
18 206 1140  
REF. No. 56/9/16

TELEPHONE:  
~~39 1521~~  
39 1522

NAVAL STAFF OFFICE  
BOX 58  
FREMANTLE, W.A. 6160

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA. A.C.T. 2600

27 DEC 1967

(Copy to : The Flag Officer Commanding,  
H.M. Australian Fleet.)

*[Handwritten mark]* The attached report in duplicate for the month of  
November, 1967 is submitted.

2. With reference to paragraph 26, the Fremantle Port  
Authority have in fact been most co-operative in providing  
alongside berths. The simple answer, for them, would have  
been to secure "DIAMANTINA" between buoys in midstream.

*[Handwritten signature]*

NAVAL OFFICER IN CHARGE  
WEST AUSTRALIA AREA.

*[Handwritten note]*  
SUB 12  
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Ref No. 01/33.

Ref No. 01/33.

H.M.A.S. DIAMANTINA,  
At Fremantle.

1 December, 1967.

The Naval Officer-in-Charge,  
WEST AUSTRALIA AREA.

(Copy to: The Hydrographer, R.A.N.)

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS - NOVEMBER, 1967.

(All times Hotel (-8))

Sir,

I have the honour to report the proceedings of Her Majesty's Australian Ship under my command for the month of November, 1967.

2. Throughout the period of the month spent at sea H.M.A.S. DIAMANTINA was engaged on Cruise IM 5/67 for the Commonwealth Scientific and Industrial Research Organisation, Department of Fisheries. Broadly, the cruise was designed to collect crayfish larvae by means of trawls, to study their breeding habits and movement, and to study the dynamics of the Indian Ocean off the West Australian Coast to a distance of 400 miles between the latitudes of Bunbury and North West Cape. Hydrological stations were conducted every 50 miles along the ship's track and surface trawls daily at 0300 and 2100. On Saturday 4 November when in a concentrated area of crayfish larvae a 24 hour period was spent carrying out mid-water trawls. After completing the last planned leg in the North West Cape Area on Monday 13th, passage was made south approximately 150 miles to seawards of the coast. Whilst en route, hydrological stations were conducted and mid-water and surface trawls made at noon each day and hourly between 1830 and 0430.

3. On Tuesday 7th, H.M.A.S. DIAMANTINA entered Geraldton harbour at 0855 berthing port side to at No. 2 Berth at 0900.

4. At 1045 on Tuesday 7th I called officially on His Worship The Mayor of Geraldton, Mr. C. Eden - Clarke.

5. Whilst in Geraldton the ship was open to the public and 60 people visited the ship.

6. At 1830 my officers and myself were dined by the Mayor and Mayoress.

7. On Wednesday 8th at 0900 H.M.A.S. DIAMANTINA cast off and proceeded from Geraldton for the second leg of the cruise, clearing harbour at 0915.

8. Stations and trawling were resumed at 1530 on Wednesday 8th.

9. On Thursday 9th, a 40/60 surface shoot was carried out in conjunction with a major NBCD exercise. The accuracy of the two aimers used was high.

10. On Monday 13th, Ordinary Seamen QMG categories were exercised in gun drills and live firings.

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11. The Ship's Annual Full Power Trial was conducted on Thursday, 16th and a speed of 19.5 knots was achieved. All machinery worked satisfactorily.
12. Final stations for the cruise were conducted on the night of 16/17 November to the west of Rottnest Island. Overall the data, information and larvae collected by members of the Commonwealth Scientific and Industrial Research Organisation team during the cruise was most pleasing and will greatly assist the Crayfish industry in Western Australia. Together with oceanographic information previously collected, the Department of Fisheries are now in a position of being able to broadly predict the migration of crayfish and to forecast good and bad fishing seasons from a knowledge of the movement of the sea adjacent to the coast.  
One particular achievement of interest during the cruise was the development in captivity of a larvae from the initial flat round stage to the permanent form of the crayfish. It is understood that this is the first occasion on which this development has been achieved.
13. Continuous bottom soundings were made throughout and traces and records have been forwarded separately to the Hydrographer.
14. At 0917 on Friday 17th H.M.A.S. DIAMANTINA entered Fremantle harbour and berthed starboard side to at G Berth at 0925.
15. I called on you, Sir, at 1045 on Friday 17th.
16. On Saturday 18th the ship was de-fuelled in preparation for the annual refit.
17. The ship was shifted at 1000 on Sunday 19th to H Wharf.
18. On Monday 20th H.M.A.S. DIAMANTINA reverted to 48 hours notice for steam, went out of routine and commenced refit.
19. H.M.A.S. TEAL and H.M.A.S. IBIS sailed at 0815 on Monday, 20th.
20. The ship was shifted 100 feet forward at 1200 on Monday 20th.
21. The ship was shifted at 1500 on Tuesday 21st to J Wharf.
22. H.M.A.S. DIAMANTINA was de-ammunitioned on Tuesday 21st and all stocks landed to the Royal Australian Navy Armament and Weapons Equipment Depot, Byford.
23. The ship was shifted at 1445 on Wednesday 22nd to A Berth.
24. The ship was shifted at 1445 on Thursday 23rd to F Wharf.
25. At 0800 on Friday 24th the ship was shifted by pilot and tugs to the State Government Slipway and during the forenoon slipped.
26. The continued re allocation of berths for the ship in the harbour proved frustrating and impeded and hampered the refit work of the ship's staff and contractors.
27. A number of items on the Defect List were taken in hand by contractors during the initial week of refit.

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28. During 1967, H.M.A.S. DIAMANTINA steamed a record 36456 miles, was underway for a record 3922 hours and was at sea on 196 days. The highest figures for any month were recorded in May when 6738 miles were steamed in 622 hours, the ship being at sea on 29 days.

In the year, ten separate cruises were undertaken for the Commonwealth Scientific and Industrial Research Organisation, The Bureau of Mineral Resources, the Flinders University of South Australia and the Universities of Sydney and New South Wales. All cruises were successfully completed which reflects highly on the teams involved and the large efforts made by the Ship's Company.

29. H.M.A. Ships TEAL and IBIS entered harbour at 1500 on Friday 24th and berthed at H Wharf.

30. H.M.A. Ship TEAL left harbour at 0800 on Monday 27th. Re-entering at 1500 on Tuesday 28th and berthing at H Wharf.

31. At 0900 Monday 27th HMNZS WAIKATO, (Captain E.C. Thorne, RNZN) entered harbour and berthed at G and H Wharf.

32. HMNZ Ship TARANKI (Commander P.R. SILK, RNZN) entered harbour berthing at F Wharf at 0920 Tuesday 28th.

33. Apart from the frequent ship moves causing initial loss of work by contractors and ship staff the progress of the refit has been satisfactory. It is anticipated that most defects will have received attention or will have been taken in hand within the first week on the slip.

34. The problems of adverse habitability conditions experienced whilst on the ship are being adequately coped with and dockside facilities appear to be suitable.

35. The health, conduct and general morale of the ship's company has been most satisfactory throughout the month.

I have the honour to be,

Sir,

Your obedient servant,



(K.H. MACGOWAN)  
LIEUTENANT, R.A.N.  
COMMANDING OFFICER.

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APPENDICES.

A - STEAMING

Distance steamed during the month : 3,462  
Hours underway during the month : 370  
Total distance steamed since commissioning : 261,563.9 miles.  
Total hours underway since commissioning : 26,889

B - EXERCISES

Nil

C - OFFICERS.

Nil

D - SPORTING.

Nil

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18 206 1169

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DEPARTMENT OF THE NAVY

MINUTE PAPER

DEC 67

HMAS DIAMANTINA

Report of proceedings

AS(NS) 2/10/1

D of C 10/1

DCNS

1NM

2NM

3NM

4NM

SEC

FAS(EG)

FAS(FM)

C of S

DPR

AS(NS) (N5)

Registrar

<del>D of P</del>	<del>D of P(A)</del>	<del>DGFE</del>	<del>DTWP</del>	<del>D of C</del>	<del>DNAP</del>	<del>DSMP</del>	<del>CONS</del>	<del>DNI</del>	} Separate Report Circulating.
<del>HPB</del>	<del>DCNP</del>	<del>DOA</del>	<del>DMT</del>	<del>DDM</del>	<del>DPS</del>	<del>DESD</del>	<del>DNR</del>	<del>DNES</del>	
<del>ACMD</del>	<del>DMED</del>	<del>ACTP</del>	<del>DWE</del>	<del>MDG</del>	<del>DSAP</del>	<del>AS(NS)</del>	<del>(N5)</del>	<del>Registrar</del>	

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COMMONWEALTH OF AUSTRALIA



DEPARTMENT OF THE NAVY

AV. - CANBERRA		
18	206	1169

REF. No.  
56/9/16

TELEPHONE:  
~~39 1521~~ 39 1522.

NAVAL STAFF OFFICE  
BOX 58  
FREMANTLE, W.A. 6160.

The Secretary,  
Department of the Navy,  
Navy Office,  
CANBERRA. A.C.T.

- 4 JAN 1968 ✓

(Copy to : The Flag Officer Commanding, H.M. Australian Fleet).

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS.

The attached report in duplicate, for the month of December, 1967, is submitted.

NAVAL OFFICER-IN-CHARGE.  
WEST AUSTRALIA AREA.

Encl.

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CENTRAL REGISTRY		
- 4 JAN 1968		
RECEIVED		
Staff Office Fremantle		

H.M.A.S. DIAMANTINA  
at Fremantle  
2nd. January 1968.

The Naval Officer in Charge,  
West Australian Area,  
H.M.A.S. LEHUWIN

Copy to  
The Hydrographer  
R.A.N.

H.M.A.S. DIAMANTINA - REPORT OF PROCEEDINGS - DECEMBER 1967  
( All times Hotel (-8) )

Sir,

I have the honour to report the proceedings of her Majesty's Australian Ship under my command for the month of December 1967.

2. During the first half of the month DIAMANTINA was on the State Dockyard slip at Fremantle undergoing Annual refit. In this period most defects were taken in hand and progress was satisfactory.
3. R.M.N.S. Ship TARANAKI cast off and proceeded from Fremantle at 1040 on Friday 1st.
4. The ship was unslipped at 1400 on Tuesday 19th and shifted by tugs and Pilot to B and C sheds at Victoria Quay where it has remained.
5. Approximately half of the ships company have completed their leave during the period and those remaining on board embarked on numerous sporting activities at all opportunities.
6. Whilst experiencing the problems of lack of domestic facilities on the ship, the living conditions and general cleanliness of the ship has been satisfactory. Some discomfort was felt during hot weather whilst the ship was on the slip.

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Ref No 01/33

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7. At the end of the month, the majority of defects were in hand and progress was being made in all aspects. The supply of stores from the Eastern States was much better than that experienced during the 66/67 refit and greatly assisted the completion of many defects. //

8 The health, morale and conduct of the ships company are good, and the ship is of reasonable appearance considering it is in refit.

I have the honour to be

Sir,

Your obedient servant



M. WARD

LIEUTENANT COMMANDER R.A.N.

CAPTAIN

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APPENDICES

A - STEAMING

Distance steamed during the month	:	Nil
Hours underway during the month	:	Nil
Total distance steamed since commissioning	:	261,563.9
Total hours underway since commissioning	:	26,889

B - EXERCISES

Nil

C - OFFICERS

Joined	LCDR RLEX M. COLEMAN	from shore 11th December '67
Left	LCDR RLEX M. COLEMAN	to shore 23rd December '67

D - SPORTING

13th December, Cricket, DIAMANTINA defeated LEEUWIN

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