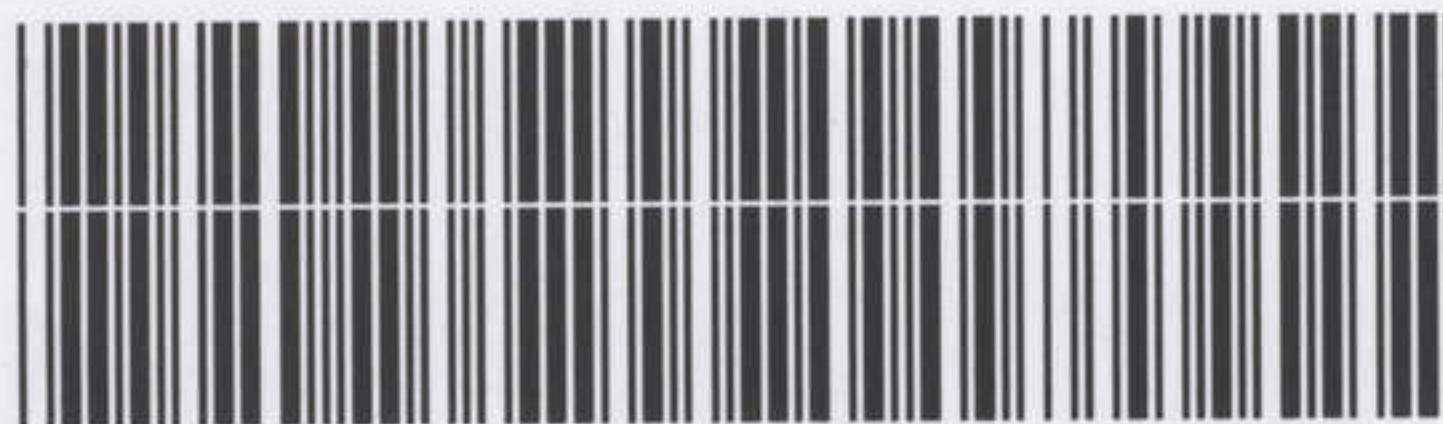


**AWM78**  
**Reports of Proceedings,  
HMA Ships and Establishments**

HMAS DIAMANTINA (I)

**Item number: 99/14**

**Title: January-December 1977**



AWM78-99/14



[99(12)]

**DIAMANTINA**

no report for SRM.

Originals

**1977.**

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. Smith (RANEM)

Signature: [Signature] Date: 1 Nov 1990



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**DEPARTMENT OF THE NAVY**

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ROYAL AUSTRALIAN NAVY

TELEPHONE: 39 1522

IN REPLY QUOTE 1/16/5

Office of the  
Naval Officer Commanding  
West Australia Area  
HMAS LEBUQUIN  
P.O. Box 58  
FREMANTLE W.A. 6160.

25 FEB 1977

Department of Defence (Navy Office)  
CANBERRA A.C.T. 2600.

For Information: Flag Officer Commanding  
HM Australian Fleet

Hydrographer, RAN.

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - JANUARY 1977

1. Forwarded.
2. The following comments are made with regard to defects arising during the setting to work and sea trials period :-
  - a. Paragraph 2 - Boiler Main Steam Stop Valves
    - i. During water pressure testing of both boilers test pressure losses indicated leakage between the stop valve seat inserts and the valve bodies.
    - ii. To rectify these defects it was necessary to machine out the fitted seats, manufacture and fit new valve seat inserts to enable the boilers to be pressure tested prior to raising steam for other trials.
  - b. Paragraph 4 - Boiler Main Safety Valves
    - i. When setting the lifting pressures of these valves, excessive steam leakage past the pilot valves prevented correct setting of the valves being achieved.

...../2.

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2.

- ii. The pilot valve assemblies of both safety valves were stripped and refitted, however on reassembly and retesting, only partial success was obtained, with one pilot valve of each main unit still not operating satisfactorily. To enable sea trials to be progressed it was decided to gag the defective pilot valves and make good the defects on completion of trials.
  - iii. Both main valves and pilot valves were again stripped down and refitted. This involved local manufacture of components and considerable machining and fitting effort to restore the valves to a satisfactory condition in accordance with Navy Office Drawing 970123. The valves were tested satisfactorily on completion of this work.
- c. Paragraph 5 - No.5 Main Bearing - Port Engine
- i. During the sea trial on 18 January, this bearing became overheated and wiped and the ship anchored to enable inspection to be carried out.
  - ii. Wiping of the bearing was due to a tightly jammed syphon wick and the malfunctioning of one half of the mechanical lubricator system. These defects were remedied and on completion the ship returned to harbour.
- d. Paragraphs 5, 7 and 9 - Steering Gear
- i. On completion of planned maintenance and defect repairs this equipment tested out satisfactorily statically. However, when worked under operating conditions inaccuracies became apparent. Investigation indicated the fault to be defective transmitter ram cup leathers. As the correct replacement items were not readily obtainable within the time available several substitutes were used but with little success, thereby making it necessary to steer the ship from the after steering position during further sea trials on 22 January.
  - ii. Locally made transmitter leather cups were eventually obtained and fitted and the steering gear system adequately purged and tested to obtain satisfactory control from the forward steering position.

...../3.



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3.

e. Paragraph 7 - Aft L.P. Ahead Eccentric - Port Engine

- i. This bearing overheated during the post refit full power trial on 22 January. The cause was binding of the slide valve because of the neat fit of the valve between the saddle and false faces, which led to overloading of the eccentric strap bearing.
- ii. This defect was corrected by linishing the score marks on the saddle and false faces and re-adjusting the slide valve clearances.

3. After considerable expenditure of time and effort by contractors, ship's staff and base staff all known defects which had arisen during the trials period were satisfactorily remedied to enable DIAMANTINA to sail on 26 January to meet her programmed tasks.

*N. A. Boase*

(N. A. BOASE)  
COMMODORE

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1/16/4

HMAS DIAMANTINA  
at Sea



1st February 1977

The Naval Officer Commanding,  
WEST AUSTRALIA AREA

For Information:

The Flag Officer Commanding,  
HM AUSTRALIAN FLEET  
The Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - JANUARY 1977

Sir,

I have the honour to report the proceedings of HMAS DIAMANTINA for the month of January 1977. All times are - 0800 (H) unless otherwise stated.

2. DIAMANTINA was secured to A Berth Victoria Quay at the commencement of the month continuing a refit that was due to complete on 14th January 1977. On Sunday 9th January both main Steam Stop Valves failed a water pressure test. Although the contractors worked around the clock repairing these valves the ship was unable to proceed to sea for Sea Acceptance Trials on 13th January as initially planned.

3. WRE Personnel and BOOLEE array arrived on Monday 10th January. The array and associated units were embarked by Friday 14th January.

4. Main Stop Valves were satisfactorily repaired and both boilers fired. Defects in the Boiler Safety Valves further delayed sea trials. However in order to determine whether other defects were present in the ship's systems it was decided to proceed to sea on Tuesday 18th January for sea trials with the safety valves gagged.

5. DIAMANTINA cast off and proceeded to sea at 0900 Tuesday 18th January. At 1100 the ship came to anchor north of Gage Roads so that an overheating main bearing in the Port engine could be opened up. The bearing was found to be wiped and temporary repairs were made whilst at anchor. The anchor was weighed at 1548 and DIAMANTINA returned to harbour. During the return passage defects developed in the steering telemotor system and the gyro compass proved to be thoroughly unreliable. DIAMANTINA secured starboard side to H Berth Victoria Quay at 1645.

6. You Sir, arrived onboard at 1100 Thursday 20th January and walked around the ship. On completion my officers met you informally in the wardroom, after which I had the pleasure of entertaining you to lunch.

...../7.

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2.

7. By Saturday 22nd January Boilers, Main Engines and Gyro were ready for trial but the steering gear still defied the combined efforts of ship's staff and contractors. DIAMANTINA proceeded to sea at 0830 that day for further sea trials. The ship was steered from the after steering position throughout the day. Whilst working up to full power an eccentric bearing in the Port Main Engine became hot and the full power trial was abandoned. The ship continued out to the Fremantle Trench to test the Precision Depth Recorder (PDR). DIAMANTINA returned to harbour on completion of PDR trials securing starboard side to G Berth Victoria Quay at 1852. Boiler safety valves were still not operating correctly.

8. At 1330 Monday 24th January DIAMANTINA cast off and proceeded out of harbour to Gage Road for magnetic compass adjustment. On completion of the compass adjustment the ship hove to whilst the ashes of Miss Elizabeth DE VRIES, sister of POCK J.H. DE VRIES of HMAS DIAMANTINA were scattered in position  $32^{\circ}02'.23$   $115^{\circ}42'E$ . DIAMANTINA then returned to harbour securing starboard side to G Berth Victoria Quay at 1630. Boiler safety valves were tested and found to be satisfactory.

9. Except for the steering telemotor system defect which was assessed to be within ship's staff capability to rectify DIAMANTINA satisfactorily completed Sea Acceptance Trials and at 0900 Wednesday 26th January she cast off and proceeded to sea to deploy for Project Bearing Stake. The ashes of LCDR R.A. RUTTLE MBE RANR (RTD) were scattered at sea in position  $32^{\circ}03'.5S$   $115^{\circ}42'E$  in the presence of his widow and daughter. DIAMANTINA then proceeded south of Rottnest Island via South Channel to Exercise Area R139 to carry out a 40/60 and small arms shoot. On completion of these shoots at 1320 DIAMANTINA turned towards her next port of call Colombo.

10. At 0900 27th January DIAMANTINA transferred to the operational control of the Flag Officer Commanding HM AUSTRALIAN FLEET.

11. Whilst on passage the PDR was found to be giving unsatisfactory results at depths in excess of 2,000 fms. After a thorough check of the equipment it was assessed that there was interference in PDR transducer dome. It was decided to anchor at Cocos Island and examine the dome.

12. Clocks were retarded 1 hour at 1730 on Friday 28th January to Time Zone - 0700 (G).

13. At 1154G Monday 31st January DIAMANTINA anchored in Port Refuge, 0.75 miles west of Diraction Island. The PDR dome was found to be loose and ships divers made it tight.

14. Whilst at Cocos Island the Acting Administrator Mr. P. GRILLS, The Resident Medical Officer Dr. K. OSBORN and their families were entertained onboard. DIAMANTINA remained at Cocos Island until the end of the month.

...../15.

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3.

TECHNICAL

15. Apart from the defects described above the ship has functioned well both mechanically and electrically. During the month of January final repairs to the steering telemaster system are expected to be effected in early February.

WELFARE

16. The health and conduct of the ship's company is good. The uncertainty of the ship's departure date for Project Bearing Stake unsettled the ship's company. Since leaving Fremantle they have settled down well and morale is good.

*P. J. Cooke-Russell*

(P.J. COOKE-RUSSELL.)  
Lieutenant Commander, RAN  
COMMANDING OFFICER

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ANNEX A TO HMAS DIAMANTINA  
1/16/4 DATED 1FEB77.

STEAMING RETURN

Hours underway during January	138.15
Distance steamed during January	1766.0
Hours underway since commissioning	51727.15
Distance steamed since commissioning	496279.5

ANNEX A TO HMAS DIAMANTINA  
1/16/4 DATED 1FEB77.

Hours underway during January	138.15
Distance steamed during January	1766.0
Hours underway since commissioning	51727.15
Distance steamed since commissioning	496279.5

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ANNEX B TO HMAS DIAMANTINA  
1/16/4 DATED 1FEB77.

EXERCISES

- 5JAN - Major Fire Exercise.
- 22JAN - After Steering.
- 24JAN - After Steering.
- 26JAN - Leaving Ship Stations.
- 26JAN - 40/60 SU shoot.
- 26JAN - Small arms shoot.
- 27JAN - Leaving Ship Stations.

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FILE: 428/3/2101

DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS DIAMANTINA REPORT OF PROCEEDINGS FEBRUARY 1977

DNO Report covers legal oceanographic operations, visits to Colombo, Karachi  
+ Bahrain. Para 10 mentions contact with Soviet MSFs. J. 7/4

DGNOP

DCMS

CNS

CWP

CNDS

DGLOG-N

CNM

DGSUB-N

PRLO-N

IADMIN-N

- NOTES:
- A. This copy is circulated so that Heads of Division may see these reports soon after they reach Navy Office.
  - B. The report will be given again to Heads of Division with Director's comments if there is any matter of special interest in those comments.
  - C. Circulation lists numbers 2 and 3 are referred to Directors and Heads of Section.
  - D. If any matter requires comprehensive treatment or reference to another Branch a new file should be raised, a suitable note being made above.

428/3/2101





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ROYAL AUSTRALIAN NAVY

TELEPHONE: 39 1522

IN REPLY QUOTE 1/16/5

HMAS LEEUWIN,  
P.O. BOX 58,  
FREMANTLE. W.A. 6160.

23 MAR 1977

Department of Defence (Navy Office),  
CANBERRA. A.C.T. 2600.

Copy to: Flag Officer Commanding, HM Australian Fleet.  
Hydrographer RAN.

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - FEBRUARY 1977

Reference: RI Appendix 29. *MR*

1. Forwarded.

*N.A. Boase*  
(N.A. BOASE)  
COMMODORE

*A* Enclosure: HMAS DIAMANTINA Report of Proceedings for  
February, 1977.

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CENTRE

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✓ INCLOSURE: HMAS DIVISIONAL REPORT OF PROCEEDINGS FOR  
PERIOD: 1 JAN 1977

COMMODORE  
(H.V. ROYCE)

*M. J. Ryan*

1. Forwarded.

Reference: H1 Appendix 5d.

2/5

HMAS DIVISIONAL - REPORT OF PROCEEDINGS - PERIOD 1 JAN 1977

COPIES TO: HMAS DIVISIONAL COMMANDING OFFICER, HMAS GERRARD

REFERENCE: V.C.L. 5000  
Department of Defence (HMA Office)

23 MAR 1977

IN REPLY QUOTE 1/12/77

TELEPHONE: 39 1255

BRISBANE. H.V. ROYCE  
P.O. BOX 29  
HMAS GERRARD



ROYAL AUSTRALIAN NAVY

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HMAS DIAMANTINA  
at Bahrain

1st March 1977

The Naval Officer Commanding,  
WEST AUSTRALIA AREA

For Information:

The Flag Officer Commanding,  
HM AUSTRALIAN FLEET

The Commander,  
TASK GROUP 75.8

The Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - FEBRUARY 1977

Sir,

I have the honour to report the proceedings of HMAS DIAMANTINA for the month of February 1977.

2. DIAMANTINA sailed from her overnight anchorage in Port Refuge, Cocos Islands at 0625(-7) Tuesday 1st February and resumed her passage to Colombo. The post refit full power trial was carried out during the forenoon that day.
3. Clocks were retarded 1 hour on to Zone (-6) on Wednesday 2nd February and half an hour to Zone (-5½) on Saturday 5th February.
4. DIAMANTINA arrived at the entrance to Colombo harbour at 0800 (-5½) on Sunday 6th February. A pilot was embarked at 0830 (-5½) and the ship proceeded into harbour securing port side to DELFT Warehouse Wharf at 0916 (-5½). Representatives from the Australian High Commission Colombo boarded on arrival and five civilian officers from WRE Salisbury joined. Stores and fuel were taken onboard during the day.
5. Sailing was delayed 1 hour 42 minutes by the late delivery of drums of lubrication oil. At 1048 (-5½) Monday 7th February DIAMANTINA cast off and proceeded to sea. The pilot was disembarked before passing through the harbour entrance. Clocks were retarded 30 minutes to Time Zone (-5) that evening. DIAMANTINA came under the operational control of CTG 75.8 on departure from Colombo.
6. <sup>7</sup> *sheave* Our passage to Project Bearing Stake, Site 3 was interrupted at 1140 (-5) Wednesday 9th February when an eccentric sleeve bearing overheated. The ship was stopped and the starboard engine locked. DIAMANTINA was then able to continue her passage at 7 knots whilst the overheated bearing was examined and repaired. Repairs were completed by 0900 (-4) the following day and the ship resumed passage speed. Clocks were retarded 1 hour on Wednesday evening.

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2.

7. DIAMANTINA arrived at Site 3 at 1000 (-4) on Friday 11th. The Long Acoustic Towed Array (LATA) was streamed by 1830 (-4) that evening and remained out until 1830 (-4) Sunday 13th when DIAMANTINA turned towards Karachi. Clocks were advance one hour to time Time Zone -0500 at 2359 (-4) on Monday 14th.

8. At 0800 (-5) Tuesday 15th DIAMANTINA was met by the Officer of the Guard from the Pakistan Navy and the Australian Defence Attache to the Australian Embassy Islamabad (Colonel W.J. SLOCOMBE). A pilot was embarked and DIAMANTINA then proceeded into Karachi harbour securing port side to No 24 Berth West Wharf at 0942 (-5).

9. I proceeded ashore at 1020 (-5) with The Australian Defence Attache to call on The Naval Commander Karachi (Rear Admiral SHAIKEX PN) who was also acting as Commander Pakistan Fleet and the Commander Logistics, Commodore ASHAP PN. These calls were returned later that day by Commander I.H. NAQVI PN (Commanding Officer PNS DILAWAR) and Commander I.HUSSAIN PN (Port Manager Karachi Naval Base) respectively. I also called on the Acting Australian Consul General Mr R Kashi.

10. At 1000 (-5) Wednesday 16th DIAMANTINA cast off and proceeded to sea. After disembarking the pilot DIAMANTINA headed to Project Bearing Stake Site 1B. The LATA was streamed the following day to effect minor repairs. Clocks were retarded one hour to Time Zone -0400 at 1830 (-5) Thursday 17th. DIAMANTINA arrived at Site 1 B at 0700 (-4) and streamed the LATA. Whilst DIAMANTINA was towing the LATA during the next four days visual contact was made with the US Naval Service Ships, KINGSPORT, ALBERT J MEYER and WILKES and their two Russian shadows, both T58 Minesweepers. MSF 847 was sighted in company with Kingsport on Sunday 20th. She detached itself from KINGSPORT during the afternoon and approached within half a mile of DIAMANTINA before returning to KINGSPORT. Greetings were exchanged via international flag hoists. MSF 836 was in company with USNS Albert J MEYER on Monday 21st. During the afternoon MSF 836 detached from MEYER and made a medium speed run past DIAMANTINA's port side. Traditional naval salutes were exchanged as she passed. MSF 836 then returned to the MEYER.

11. At 1640 (-4) Monday 21st a rendezvous was effected with WILKES and four boxes carried by DIAMANTINA from Fremantle were floated across to her. The LATA was recovered that evening and DIAMANTINA then proceeded from Site 1B to Bahrain. Clocks were retarded one hour at 1830 Wednesday 23rd. to Time Zone -0300

12. DIAMANTINA came to anchor in Sitra Anchorage at 0800 (-3) Thursday 24th to await the pilot. Anchor was weighed at 0350 and the pilot boarded at 0900 (-3). The Australian Consul General (Mr P.A. KING) with two of his staff also boarded from the pilot boat. DIAMANTINA entered Mina Sulist and secured starboard side to USS PHARRIS, on the north wharf at 0945(-3). where she remained until the end of the month.

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3.

13. During the forenoon of Thursday 24th I called on the Commander Middle East Force, Rear Admiral W.J. CROWE Jnr USN and Commanding Officer USS LA SALLE, Captain J.H. FETTERMAN USN. I called on the Commanding Officer USS PHARRIS (Commander C METZLER USN) later that day.

14. On Saturday 26th in company with the Australian Consul General I called on the Minister for Foreign Affairs H.E. Shaikh Mohamed bin Mubarrak Al-Khalifa. I later co-hosted a luncheon at the Australian Consul General's residence.

15. On Sunday 27th accompanied by the Australian Consul General I called on The Minister for Defence and Heir Apparent Shaikh Hammade bin Isa Al-Khalifa, The Chief of Staff, Bahrain Defence Force, Colonel Khalifa bin Almed Al-Khalifa and The Assistant Undersecretary of Customs and Ports, Shaikh Daij bin Khalifa Al-Khalifa.

16. On Sunday evening my officers and I co-hosted a reception with the Australian Consul General at his residence.

17. ELECTRICAL AND MARINE ENGINEERING The ship has been underway on all but four days of the month. The steering gear defect evident at the end of the refit has been rectified by using leather cups manufactured onboard. The emergency repairs carried out on the starboard main engine enabled the ship to continue her task without hinderance. The sheave was opened up whilst in Bahrain and found to be in good condition and did not need to be replaced. No electrical problems have arisen. The Precision Depth Recorder remained unserviceable through non delivery of spare parts.

GENERAL

18. Spirits improved considerably on Saturday 26th when our first mail since leaving Fremantle on 26th January was received onboard. By the end of February five mail deliveries were made leaving the first mail serial initially sent to Colombo, still outstanding.

19. The weather has been very good throughout the month. Temperatures in the Persian Gulf were mild and Blue Uniform was worn at official functions.

20. The ships appearance is good. The health, morale and behaviour of the ship's company during the month has been very good.

I have the honour to be,

Sir,

Your obedient servant

(Sgd) P. J. COOKE - RUSSELL

(P.J. COOKE-RUSSELL)  
Lieutenant Commander RAN  
COMMANDING OFFICER

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ANNEX A TO HMAS DIAMANTINA  
LETTER C1.16.4 OF 1ST MARCH

STEAMING RETURN

1.	Hours underway during in February	494.24
	Distance steamed during February	4484.4
	Hours underway since commissioning	52221.39
	Distance steamed since commissioning	500764.3
2.	Exceed economical steaming 2 hours Full Power Trial	

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ANNEX B TO HMAS DIAMANTINA  
LETTER C1/16/4 OF 1ST MARCH

SPORTS RETURN

1.

COLOMBO

6th February

Cricket Vs SLNS GEMUNU Lost 128 runs to 106 runs

2.

BAHRAIN

24th to 28th February

Basketball Vs USS LA SALLE Lost 80 to 44

Soccer Vs Bahrain Defence Force Lost 9 to 1

Rugby Vs Bahrain Rugby Club Lost 54 to 6

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ANNEX C TO HMAS DIAMANTINA  
LETTER C1/16/4 OF 1ST MARCH

EXERCISES

14th February OOW Ship Handling  
14th February Man Overboard exercises  
14th February Small Arms Firings

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ANNEX D TO HMAS DIAMANTINA  
LETTER C1/16/4 OF 1ST MARCH

LUNCHEON AT CONSUL GENERAL'S RESIDENCE

SATURDAY 26TH FEBRUARY 1977

H.E. Mr E.F. GIVEN

H.E. Wat T. CLUVERIUS

Admiral W. CROWE

Commander Metzler

Captain Alan DUCK

Mr M.D. Kyrle POPE

Mr Phillip A. KING

LCDR P.J. COOKE-RUSSELL RAN

LCDR M.G. DONALDSON RAN

LEUT R.B. MUMMERY RAN

British Ambassador

American Ambassador

Command US Naval Forces

USS PHARRIS

Harbour Master, Mina  
Sulman

General Manager,  
M.E.A.N.A.S.

Consul General

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ANNEX D2 TO HMAS DIAMANTINA  
LETTER C1/16/4 OF 1ST MARCH

RECEPTION HELD AT H.O.M. RESIDENCE  
SUNDAY 27TH FEBRUARY 1977

H.E. Mr E.F. Given & Mrs Given	Ambassador, British Embassy
H.E. Wat T. Cluverius & Mrs Cluverius	Ambassador, American Embassy
H.E. Mr D.C. Manners & Mrs Manners	Ambassador, Indian Embassy
H.E. Jacques Bourgoin & Mrs Bourgoin	Ambassador, French Embassy
H.E. Mr Ghulam Gouth Khan	Ambassador, Pakistan Embassy
Mr Hamid Faridi Araghi & Mrs Araghi	Charge, <sup>a</sup> Indian Embassy
Mr Abdul Aziz Hassan Aldurather & Mrs Aldurather	Charge, Sudi Arabian Embassy
H.E. Musa A.H. Keilani & Mrs Keilani	Ambassador, Jordanian Embassy
H.E. Mr Ghazy M.A. AL-Rayis & Mrs AL Rayis	Ambassador, Kuwait Embassy
H.E. Mr Ahmed Karal Hadeethi & Mrs Hadeethi	Ambassador, Iraqi Embassy
H.E. Mr Mohd.Said Al-Dessouky & Mrs Al-Dessouky	Ambassador, Egyptian Embassy
H.E. Mr Jacques Biyogho & Mr Biyogho	Ambassador, Gabonese Embassy
H.E. Mr In du Kim & Mrs Kim	Ambassador, Korean Embassy
Mr Abdulrahman Khyzayim & Mrs Khyzayim	UNDP Rep (Saudi Arabia)
Rear Admiral William J Crowe Jnr & Mrs Crowe	Commander US Naval Forces & US Naval Base Bahrain
H.E. Shaikh Mohamed bin Murbarrak Al-Khalifa	Minister of Foreign Affairs
H.E. Mr Jawad Salim Al-Arayed & Mrs Al-Arayed	Minister of State for Cabinet Affairs
H.E. Mr Tariq Abdul Rahman Al Moayyed & Mrs Al-Moayyed	Minister of Information
Mr Baqar Al-Tajir	Directorate of Supplies & Price Control, Ministry of Commerce etc
Mr G.S. Bell	Director General of Public Security, Ministry of the Interior
Mr I.S.M. Henderson & Mrs Henderson	Chief, Directorate of State Security Intelligence Services
Shaikh Abdul Rehman Faris Al-Khalifa	Director of Administrative Financial & Consular Affairs, Ministry of Foreign Affairs
Mr Ghazi Mohd. Al-Gosaibi	Director of Protocol and Legal Affairs
Shaikh Daij bin Khalifa bin Mohd. Al-Khalifa	Asst. Under Secretary of Financial Affairs, Ministry of Finance
Mahor W Johnson & Mrs Johnson	Advisor, Heir Apparent & Minister of Defence



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D2.2

Mr & Mrs Yusuf Almoayyed	Owner, L.K. Almoayyed & Sons
Mr & Mrs J. Belgrave	Director Arab Consult
Mr & Mrs S. Taaffe	Manager, QANTAS Airways
Mr & Mrs S. KEMBALL	M/Director Arab Consult
Mr & Mrs A. Jashammal	Owner, Jashammal & Sons
Mr & Mrs W. Stolz	President, BAPCO
Mr Ahmed Kanoo	Chairman, Yusuf Bin Ahmed Kanoo
Mr & Mrs Abdul H. Dawani	G/Manager Aljazira Cold Stores
Mr & Mrs Mohd Eshaq	Owner, Middle East Traders
Mr & Mrs E. Livingstone	G/Manager Aluminium Bahrain
Mr & Mrs A.A. MacAskill	G/Manager Gray MacKenzie
Mr & Mrs W. Smart	Manager African & Eastern Co
Mr & Mrs DI. Revell	G/Manager Bahrain Fishing Co
Dr & Mrs K.F. Thompson	Post Doctor
Mr & Mrs F. Paul	Manager B.B.M.E.
Mr & Mrs A. Gain	Region Manager British Airways
Mr & Mrs V.R. Winton	Manager Chartered Bank
Mr & Mrs J. Moore	Area Manager National Westminster Bank
Mr & Mrs J.L. House	Manager, National Bank of Bahrain
Mr & Mrs J.H. GREEN	BISREC
Mr Majid Zanani	Delmon Hotel
Mr & Mrs A. Glynn- Mills	G/Manager BRC Weldmesh (GULF) Ltd
Mr N. Maitland-Walker	G/Manager Delmon Hotel
Mr & Mrs B Leighton	Bahrain Manager Cable and Wireless
Miss Samira Ali Reza	Balthazar Boutique
Mr & Mrs Abdulla Kanoo	Director of K.E. Kanoo & Sons
Mr & Mrs J Schouten	Resident Manager Nedlloyd Inspectorate
Mr & Mrs M. Al-Nahas	Director, International Trading Company
Mr & Mrs J. Wafaa	M/Director United International Agency Company
Mr & Mrs Hatin Zu'abi	Attorney
Mr & Mrs Mohd Al-Mannai	Proprietor, Universal Enterprises
Mr & Mrs R Klerekoper	Manager K.L.M.
Captain & Mrs Duck	Harbour Master, Mina Sulman
L. Eadon	Assistant Harbour Master
Mr & Mrs Steve Wyatt	Editor, Gulf Weekly Mirror
Mr & Mrs D. McConechie	Manager Bank of NSW
Mr David Wade	Bank of NSW
Mr Hugh Hipkin	Manager Commercial Bank of Australia
Mr & Mrs P Haddad	Commercial Bank of Australia
Mr & Mrs B. Galloway	Gray MacKenzie
Mr & Mrs Bolt	Gray Mackenzie



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D2.3

Mr & Mrs D.S. Elliott	Eng Manager Bahrain Slipway
Mr Jassim Mohamed Al Saffar	2nd Vice Presidnet Bahrain Chamber of Commerce
Mr Alan Duff & Miss Wendy Glass	Raglan Squires and Assocs
Colonel Khalifa bin Ahmed Al-Khalifa	Chief of Staff Bahrain Defence Force
Major Abdulla bin Sulman Al-Khalifa	Asst Chief of Staff Bahrain Defence Force
Lt Colonel Hussein Ali Abdulqader	Asst Chief of Staff for Administration Bahrain Defence Force
Lt Colonel Dr Mohammed bin abdulla Al- Khalifa	Head of Medical Department Bahrain Defence Force
Lt Colonel Mohamed Dawad Oraqat Ahmed Al Absi	Bahrain Defence Force Public Relations Officer
Mr & Mrs C.E. Jamieson	Assistant T.C.
Mr & Mrs Reddaway	Assistant T.C.
Mr & Mrs D.F. WALSH	Trade Officer
Miss R.D. Emery	Steno/Secretary
Mr & Mrs L. Brooks	Llewellyn Davies
Mr & Mrs H. Cameron	COMALCO
Shaikh Hamad bin Isa Al Khalifa	Heir Apparent & Minister of defence
Lt Colonel Shurdon	Bahrain Defence Force
Colonel & Mrs K Rehman	Bahrain Defence Force
Captain & Mrs Hamid bin Ahmed Al Khalifa	Director of Personnel Bahrain Defence Force
Colonel Khalifa bin ahmed Al Khalifa	Chief of Staff Bahrain Defence Force
Captain & Mrs M. Green	Bahrain Coast Guard Services.
Colonel & Mrs Sulman Jaber Al-Mussalam	Director Bahrain Coast Gaurd Service



File Number

N428	3	2101	
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DETAILS OF INFORMATION  
ANALYSIS

Security Classification

*RESTRICTED*

\*NOTE: Please print all entries clearly.

REGISTRATION

Title *HINAS "DIAMANTINA"*  
*Report of proceedings*  
*February 1977*

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<del>HINAS</del> <i>MOGWA</i>	<i>1/16/75</i>	<i>23 Mar 77</i>	

Information Classifier

(Signature) *[Signature]* (Date) *[Date]*



DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS DIAMANTINA REPORT OF PROCEEDINGS MARCH 1977

~~DNO~~ Continuation of Bearing Stake with visits to Bahrain, Muscat & Montassa. Repairs to refrigeration machinery were carried out in Muscat. Para 19 mentions surveillance by a Soviet A60R. 26/5

~~CNS~~

~~CNP~~

~~CNTS~~

~~DGLOG-N~~

~~CNM~~

~~DGSUP-N~~

~~PRLO-N~~

~~IADMIN-N~~

- NOTES:
- A. This copy is circulated so that Heads of Division may see these reports soon after they reach Navy Office.
  - B. The report will be given again to Heads of Division with Director's comments if there is any matter of special interest in those comments.
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  - D. If any matter requires comprehensive treatment or reference to another Branch a new file should be raised, a suitable note being made above.

25/5/77





RESTRICTED

ROYAL AUSTRALIAN NAVY

TELEPHONE: 39 1522

IN REPLY QUOTE 1/16/5

HMAS LEEUWIN  
P.O. Box 58  
FREMANTLE. W.A. 6160.

5 MAY 1977

Department of Defence (Navy Office)  
CANBERRA. A.C.T. 2600.

← THIS COPY FOR →

Attention: Chief of Naval Staff

For Information: Flag Officer Commanding  
HM AUSTRALIAN FLEET.

The Hydrographer, RAN.

Commanding Officer  
HMAS DIAMANTINA.

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - MARCH 1977

Reference: RI Appendix 29A

1. Forwarded.

*N. A. Boase*  
(N. A. BOASE)  
COMMODORE

*MM* Enclosure: HMAS DIAMANTINA Report of Proceedings for March 1977

CENTRE  
INFORMATION ANALYSIS  
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MAY 15 12 25 PM

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(A)

MAY 15 1977 HMAS DIAMANTINA 1/16/5



NOM: HMAS DIAMANTINA N/R

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MAY 12 15 52 '77

DEPT. OF DEFENCE  
INFORMATION ANALYSIS  
CENTRE

ENCLOSURE: HMAS DIAMANTINA REPORT OF PROCEEDINGS FOR MARCH 1977

COMMODORE  
(M. V. BOYSE)

*V. J. Hayes*

1. *Revised*

Reference: HMAS DIAMANTINA

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - MARCH 1977

HMAS DIAMANTINA  
COMMANDING OFFICER

The Hydrographer, RAN

FOR INFORMATION: HMAS DIAMANTINA  
FIRST OFFICER COMMANDING

Attention: Chief of Navy Staff

COMMODORE M. V. BOYSE  
Department of Defence (Navy Office)

← THIS COPY FOR →

22 MAY 1977

COMMODORE M. V. BOYSE  
P.O. Box 28  
HMAS GERRARD

IN REPLY QUOTE 1/10/2

TELEPHONE: 38 1233



ROYAL AUSTRALIAN NAVY

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ROYAL AUSTRALIAN NAVY

TELEPHONE:

IN REPLY QUOTE C1/16/4

HMAS DIAMANTINA  
at Mombasa

1st April 1977

The Naval Officer Commanding,  
WEST AUSTRALIA AREA

For Information:

The Flag Officer Commanding,  
HM AUSTRALIAN FLEET  
The Commander,  
TASK GROUP 73.8  
The Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - MARCH 1977

Sir,

I have the honour to report the proceedings of  
HMAS DIAMANTINA for the month of March 1977.

2. At 0910(-3) Tuesday 1st March DIAMANTINA cast off  
from USS PHARRIS and came to anchor in Minah Sulman 1.5 cables  
from the wharf at 0917(-3).

3. COMIDESTFOR'S (RADM W.J. CROWE Jr USN) anticipated  
walk around DIAMANTINA that morning was cancelled.

4. Fuel was embarked from a lighter during the  
afternoon.

5. At 1003(-3) Wednesday 2nd, DIAMANTINA weighed anchor  
and proceeded from Minah Sulman to sea. During the passage  
through the Persian Gulf and Gulf of Oman our two Russian  
shadows were found patiently awaiting the return of the units  
participating in Project Bearing Stake.

6. On the morning of Thursday the 3rd, DIAMANTINA was  
stopped while a diver was put over the side to repair a faulty  
storm valve.

7. Blockages in the refrigeration cooling tubes were  
detected during the afternoon of Thursday 3rd March, and it  
was assessed that the refrigerators would not be able to hold  
their temperatures until arrival in Mombasa in three weeks time.  
As the ship was to call at Muscat for a supply of main engine  
lubricating oil it was decided that repairs should be effected in  
Muscat. Enquiries were made via The Australian Consul General  
in Bahrain as to facilities in Muscat. Sufficient gas and  
a portable freezer stowage were available.

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7. DIAMANTINA came to anchor at Minah Al Fahal (RAS AI Abyad 270 O.3) at 0730 (-3) Friday 4th March. My Engineer Officer and Supply Officer proceeded ashore to establish contact with Mr D Diaper (General Manager GETCO Group of Companies) who had arranged the repair facilities the previous night. On landing on the wharf and seeing a rather agitated policeman, they were advised by the BP representative who was delivering the lubricating oil, that the last people to land there had been arrested. My EO and SO returned to the ship while the BP representative secured landing passes for them.

8. Having obtained the landing passes, my EO and SO then returned ashore and were able to telephone Mr Diaper, they were informed that DIAMANTINA was to berth in Port Qaboos, Matrah the main port of Muscat.

9. DIAMANTINA weighed anchor at 1130 (-3) and proceeded from Minah Al Fahal to Port Qaboos. Clocks were advanced 1 hour at 1200 (-3) to time zone -4. The pilot and Officer of the Guard from the Sultan of Oman Navy boarded at 1300 (-4) and DIAMANTINA secured port side to No 11 Berth Port Qaboos at 1315 (-4) Friday 4th March.

10. Unfortunately Friday in the Arab world is the equivalent of our Sunday. The freezer truck although it had been arranged did not turn up and could not be located until late in the day when it was found locked several miles from where the ship lay. No further work could be done on the refrigerators until all stocks had been removed from the cold room. Quarantine and port clearances were obtained and leave was given that evening.

11. A large refrigerated semi trailer arrived at 0830 (-4) 5th March and the cold room was destored immediately.

12. At 0930 (-4) Saturday 5th in the company with LEUT R. SHORE S.O.N. I called on the Deputy Commander Sultan of Oman Navy (Commander D.M. CONNELL S.O.N) I then called on the British Ambassador to Oman (His Excellency Mr C.J. Treadwell CMG) at 1030 (-4).

13. At 1230 (-4) I called on the Governor of the Capital Muscat (His Highness SAYYID THAWANI). He expressed his pleasure at having an Australian naval ship call and regretted that the short notice prevented any planning for the visit.

14. Repairs to the cold room were effected by late afternoon on 5th and the system was run to check that all matter causing blockage had been removed and to bring the cold room down to working temperature.

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3.

15. In order to recover time lost and enable DIAMANTINA to arrive at Site 4 on schedule it was decided to fuel in Muscat. Approval was obtained (DEFNAV KRK/KNA 070149Z MAR 77) to proceed direct from Muscat to Site 4 and delete the programmed fuelling stop at Djibouti.

16. The cold room was restored on Monday 7th. 90 tons of fuel were expected early the same morning, however the first tanker load did not arrive until 1130 (-4) and was only 9 tons. The truck discharged its cargo and departed, the driver was unable to confirm that he would return with another load. At 1500 (-4) the same truck returned with another load, and at 1530 a second truck turned up with approx 18 tons of fuel. Port regulations would not allow further deliveries to be made after 1600 (-4), so the remaining 54 tons would not be delivered until the following day.

17. With 86% fuel embarked it was estimated that DIAMANTINA could sail from Muscat direct to Site 4, complete her task as scheduled and arrive in Mombasa with 21% fuel remaining. DIAMANTINA cast off from No 11 Berth Port Qaboos at 1800 (-4) Monday 7th and proceeded to Site 4. Approval was given to arrive in Mombasa with less than 25% burnable fuel remaining (CTG 73.8 080640Z MAR 77 and DEFNAV KRK/KNA 071540Z MAR 77).

18. On approaching Site 4 on Friday 11th the Long Acoustic Towed Array (LATA) was streamed at 0840 (-4) to make several repairs. It was recovered by 2001 (-4) the same day. The LATA was streamed again at 1130 (-4) Saturday 12th for further repair and calibration. At 1800 (-4) the array was put down to depth in preparation for the commencement of recording at 1200 (-4) Sunday 13th.

19. At 0900 (-4) Sunday 13th the Russian Akadeink Krilov Class Agor ADMIRAL VLADIMIRSKY closed DIAMANTINA. After passing 2.5 cables away off the port side she remained in our vicinity for two hours before continuing her surveillance of the USN'S Bearing Stake Fleet. The ADMIRAL VLADIMISKY was seen twice more during the eight days on task.

20. DIAMANTINA remained on task at Site 4 until Sunday 20th. The LATA was operational for the entire period on task. Recovery of the LATA commenced at 1700 (-4) Sunday 20th and on completion at 2100 (-4) DIAMANTINA commenced passage to Mombasa.

21. Clocks were retarded one hour to Zone -3 at 1830 (-4) Tuesday 22nd.

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4.

22. The ship arrived at the pilot embarkation point outside of Port Kilindini, Mombasa Harbour at 0850 (-3) on Thursday the 24th. The pilot and the Australian High Commissioner's representative boarded and the ship proceeded into Port Kilindini coming starboard anchor at 0943 (-3). The anchor was weighed at 1214 (-3) and DIAMANTINA berthed port side to Number Three Wharf Port Kilindini at 1237 (-3). I received the Australian High Commissioner (His Excellency Mr M.P.J. HANDMER) onboard at 1300 (-3).

23. During the afternoon of the 24th I called on the Provincial Commissioner, Mr Mahihu, the Chairman of Mombasa Commission Mr Nyalik and the commander of the Kenya Navy's representative Major E.S. MBILU. Major MBILU returned my call that evening.

24. At 0950 (-3) Thursday 31st DIAMANTINA cast off from No 3 Berth Port Kilindini and proceeded to the Kenya Fishing Industries wharf, securing port side to at Liwatoni, where she remained until the end of the month.

25. TECHNICAL.

MAIN REFRIGERATOR. It is suspected that a leaking condenser tube on the night of 2nd March allowed moisture to pass into the refrigerator system. The moisture collected in the evaporative coils and there froze causing total blockage of the coils. Evaporative coils were thawed, dehydrated and the unit recharged. Since being reactivated there have been two minor indications of moisture remaining in the system. On each occasion driers have been changed and the system has now stabilized.

PRECISION DEPTH RECORDER (PDR). The PDR has functioned only spasmodically over the month. The fault has been isolated at the 400 volt rectifying valve and a new valve is expected to arrive whilst the ship is in Mombasa.

RADAR. The radar reliability has been uncertain. The main cause has been isolated at the amplifier head, a new one of which is expected to arrive and be fitted before departure Mombasa.

26. GENERAL.

The unexpected visit to Muscat provided a very welcome break to what would have been a very long twenty two day period at sea. The morale of the ship's company is very good and they are making the most of the period alongside in Mombasa to see the sights of Kenya. Conduct is very good.

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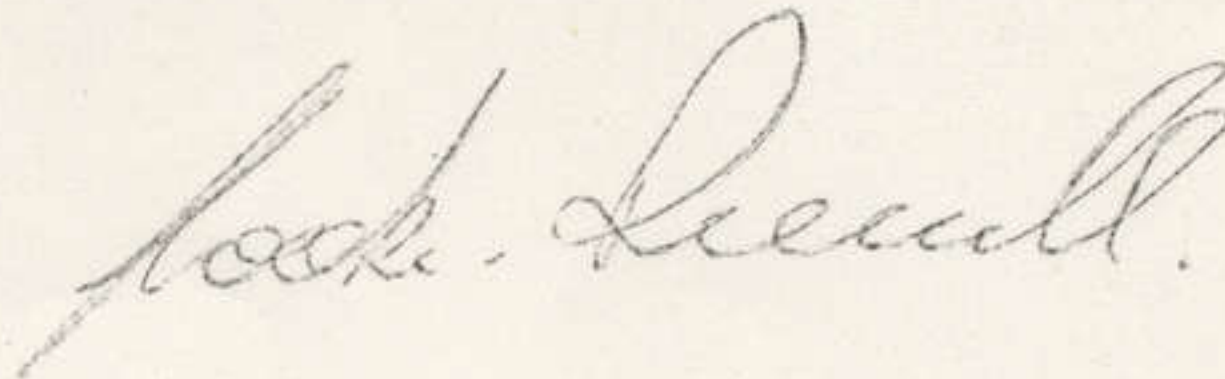
5.

27. The ships appearance is good. The ship's company have been lectured on security.

I have the honour to be,

Sir,

Your obedient servant



(P.J. COOKE-RUSSELL)  
Lieutenant Commander RAN  
COMMANDING OFFICER

ANNEXS: A. STEAMING RETURN  
B. GUEST LIST  
C. SPORTS RETURN

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ANNEX A TO

HMAS DIAMANTINA LETTER C1/16/4

DATED 1ST APRIL 1977

STEAMING RETURN

Hours Underway during April	440.11
Distance Steamed during April	3166.2
Hours Underway since commissioning	52661.5
Distance Steamed since commissioning	503930.5

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ANNEX B TO

HMAS DIAMANTINA LETTER C1/16/4

DATED 1ST APRIL 1977

GUEST LIST

COCKTAIL PARTY HELD ONBOARD HMAS DIAMANTINA

1800 - 2000 THURSDAY 24TH MARCH 1977

HE Mr W.P.J. Handmer

Australian High Commissioner

KENYAN GOVERNMENT

Mr & Mrs O., Nyalik

Chairman Mombasa Commission

Mr J.E.L. Bryson

Member of Mombasa Commission

Mrs Mahihu

Provincial Commissioner of Mombasa

Mrs Mwangi

District Commissioner of Mombasa

Mrs Kabiru

District Commissioner of Mombasa

KENYAN NAVY

Lt Col & Mrs J.C.J. Kimaru

Commander of Kenya Navy

Major & Mrs E.S. Mbilu

Deputy Commander of Kenya Navy

Captain & Mrs Ziro

HARBOUR AUTHORITIES

Captain & Mrs Thomas

Harbour Master

Captain & Mrs A.J. Mill-Irving

Assistant Harbour Master

Captain & Mrs R.H.C. Dale

Port Marine Officer

KATHERIN BIBBY HOSPITAL

Dr & Mrs G.A.B. Cunningham

Sister Maggie Binns

MACKENZIES LTD

Mr & Mrs Lloyd

General Manager

Mr & Mrs Omari M Juma

General Manager Shipping

BARCLAYS BANK

Mr & Mrs R.D. Watkins

Manager

ESSO

Mr & Mrs Ndwati

Manager

AUSTRALIAN HIGH COMMISSION

Dr & Mrs D Blight

First Secretary

Mr & Mrs J. Hines

Second Secretary (Consul & Administrative)

Ms Nina Kawaja

High Commissioners Secretary

MARGARINI LAND SETTLEMENT PROJECT (AUSTRALIAN AID PROJECT)

Mr & Mrs H. Matthews

Project Manager

Commander Dodson USN

Captain of US Naval Ship "Jonas Ingram"

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B2

GUEST LIST OF LUNCHEON ONBOARD HMAS DIAMANTINA  
AT 1230 25TH MARCH 1977

Mr P.G. Kabiru (District Officer)	Representing Mr E.M. Mahihu Provincial Commissioner of Mombasa
Mr P. Mwangi	District Commissioner of Mombasa
Mr H Matthews	Project Leader, Australian Aid Project at Margarini, Malindi
Mr J Hines ,	Second Secretary, Australian High Commission

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ANNEX C TO HMAS DIAMANTINA

LETTER C1/16/4 DATED

1ST APRIL 1977

SPORTS RETURN

1MAR77	Cricket Vs Bahrain British Club	Lost	125 to 105
19MAR77	DIAMANTINA MINI ATHLETICS		
	Wardroom and Supply	equal	1st 45 points
	Seaman		2nd 35 points
	Petty Officers		3rd 30 points
	Chief Petty Officers		4th 25 points
	Technical Branches		5th 20 points
28MAR77	Volley Ball Vs Shime-La-Tewa School	Lost	4 to Nil
30MAR77	Badmington Vs Kenya Navy	Won	5 to 2

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DETAILS OF INFORMATION  
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MARCH 1977

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HMAS DIAMANTINA	as title	

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Originator	Originator's Reference	Date	Initials
		/ /	

Information Classifier  
Noelle (Signature) 13/5/77 (Date)



DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS DIAMANTINA

REPORT OF PROCEEDINGS APRIL 77

~~DNO~~ Continuation of Operations Bearing Stakes with the finish  
of a 12 day SROP in Mombasa & visit to Colombo.

~~DGNOP~~ 15/7  
~~DCNS~~ 15/7

J. 14/7

~~CNS~~

~~CNP~~ 15/7

~~CNTS~~ 15/7

~~DGLOG-N~~ 22/7

~~CNM~~

~~DGSUP-N~~ 21/7

~~PRLO-N~~ 22/8

~~IADMIN-N~~ 25/8

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ROYAL AUSTRALIAN NAVY

2.

TELEPHONE: 39-1522  
IN REPLY QUOTE 1/16/5

HMAS LEEUWIN,  
P.O. BOX 58,  
FREMANTLE. W.A. 6160.

23 JUN 1977

Department of Defence (Navy Office),  
CANBERRA. A.C.T. 2600.

← THIS COPY FOR →

Attention: Chief of Naval Staff.

For Information: Flag Officer Commanding,  
HM Australian Fleet.  
The Hydrographer, R.A.N.  
The Commanding Officer,  
HMAS DIAMANTINA.

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - APRIL  
1977

*mm*

1. Forwarded.

*N. A. Hoase*  
(N. A. HOASE)  
COMMODORE

ENCL:

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JUN 30 08 58 '77

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EMSG:

COMMODORE  
(M. V. ROUSE)

*M. V. Rouse*

Forwarded

HMAS DIVANILINA - REPORT OF PROCEEDINGS - 1977

HMAS DIVANILINA  
The Commanding Officer,  
The Hydrographic B.V.M.  
HM Fleet  
For information: Fleet Officer Commanding

Attention: Chief of Naval Staff

Canberra, A.C.L. 2500  
Department of Defence (Naval Office)

← THIS COPY FOR →

53 JUN 1977

ENEMYVILLE, A.V. 2500  
P.O. BOX 28  
HMAS GEEUMIN

IN REPLY QUOTE

TELEPHONE:

11111

22-1255



ROYAL AUSTRALIAN NAVY

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ROYAL AUSTRALIAN NAVY

TELEPHONE:

IN REPLY QUOTE C1/16/4

HMAS DIAMANTINA  
at Sea

2nd May 1977

The Naval Officer Commanding,  
WEST AUSTRALIA AREA

For Information:

The Flag Officer Commanding,  
HM AUSTRALIAN FLEET

The Commander,  
TASK GROUP 73.8

The Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - APRIL 1977

Sir,

I have the honour to report the proceedings of HMAS DIAMANTINA for the month of April 1977.

2. DIAMANTINA was secured port side to the Kenya Fishing Industries Wharf at Liwatoni, Port Kilindi, Mombasa at the commencement of the month undergoing a period of self maintenance.

3. At 0926(-3) Tuesday 5th DIAMANTINA cast off and proceeded from Mombasa to sea to continue Project Bearing Stake. Course was set for DIAMANTINA's start position (DP5A) for Site 5. Clocks were advanced to Time Zone (-4) at 2330 (-3) that night and to Time Zone (-5) at 2330 (-4) Saturday 9th.

4. On Tuesday 12th April DIAMANTINA arrived near position DP5A (9°17'N 68°26'E) and commenced streaming the Long Acoustic Towed Array (LATA) at 0830(-5). Defects in the LATA prolonged the time taken to stream and the LATA was not veered to depth until 1630 (-5) that afternoon. Further defects developed in the LATA and it was partially recovered at 0745 (-5) on Thursday 14th April to effect minor repairs. The LATA was streamed again and veered to depth by 1530 (-5) that afternoon.

5. At 1700 (-5) Sunday 17th April DIAMANTINA's task was completed and the LATA recovered by 2030 (-5). DIAMANTINA then proceeded to Colombo. Clocks were advanced to Time Zone (-5½) at 2345 (-5) Tuesday 19th April.

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# RESTRICTED

6. DIAMANTINA arrived off Colombo Harbour on Wednesday 20th April. The Colombo Pilot (compulsory) was taken onboard at 0826 (-5½) and DIAMANTINA secured starboard side to No 1 Berth Queen Elizabeth Wharf at 0846 (-5½). The Staff Officer Operations (CMDR J. JAYASOORIYA SLN) to the Commander Sri Lanka Navy called onboard shortly after the ship berthed.
7. I and my officers were entertained to pre lunch drinks at the Sri Lanka Navy Headquarters Wardroom at 1200 (-5½) on Wednesday 20th April.
8. On Thursday 21st April I attended a dinner at The Australian High Commissioner's Residence to honour the Silver Jubilee of Her Majesty Queen Elizabeth II. The dinner was hosted by the Australian High Commissioner and Mrs Borthwick, The British High Commissioner and Mrs Aiers and The Canadian High Commissioner and Mrs Cooper. The principle guest was The Prime Minister of Sri Lanka, Mrs Sirimavo R.D. Bandaranaike.
9. At 0900 (-5½) Saturday 23rd April DIAMANTINA cast off and proceeded from Colombo to sea for her last task in Project Bearing Stake. Passage was made to position DP2B (10°40'N 61°49'E) to commence work on Site 2. Clocks were retarded to Time Zone (-5) at 1815 (-5½) Saturday 23rd April. On Sunday 24th April a Buffet luncheon was held on the upper deck to celebrate the ship's 32nd Anniversary. I was assisted in cutting the anniversary cake by CPOETP3 W. SWAN R93288 who was 19 days old when DIAMANTINA commissioned in 1945.
10. DIAMANTINA arrived in the vicinity of DP2B at 1200 (-5) Tuesday 26th April. The LATA was streamed that afternoon for repair. The LATA was veered to depth overnight and partially recovered the next day to replace a defective section. DIAMANTINA commenced her Site 2 task on schedule at 1300 (-5) Wednesday 27th April and remained in the vicinity of DP2B with the LATA streamed until the end of the month.
11. No Soviet ships dedicated to the surveillance of Bearing Stake units were seen by DIAMANTINA during her time at DP5A and DP2B. However at both positions Soviet merchant ships passed close by.

## TECHNICAL

12. MAIN PROPULSION. - Main engines and boilers operated satisfactorily over the month and a boiler clean was effected on No 1 boiler during the week ending Friday 29th April.
13. PRECISION DEPTH RECORDER (PDR). - Spares ordered for the PDR became entangled in the Kenyan Customs and the latest advice from Nairobi indicates that the PDR spares were inadvertently exported from Kenya. The PDR remains unserviceable.
14. RADAR. - Approximately half the spares ordered for the radar have arrived and been fitted and radar reliability has been restored.

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# RESTRICTED

3.

15. SATELLITE NAVIGATION SYSTEM (SATNAV). -It became apparent on Saturday 23rd April that SATNAV was not functioning normally. Moisture had invaded the aerial run and the voltage drop from the masthead pre amplifier to the SATNAV computer was excessive. Efforts to restore the system to normal have so far been in vain and the SATNAV system will only interrogate and read out satellites in the early hours of each morning i.e., before sunrise. The SATNAV is now the subject of INDEF 7/77.

## GENERAL

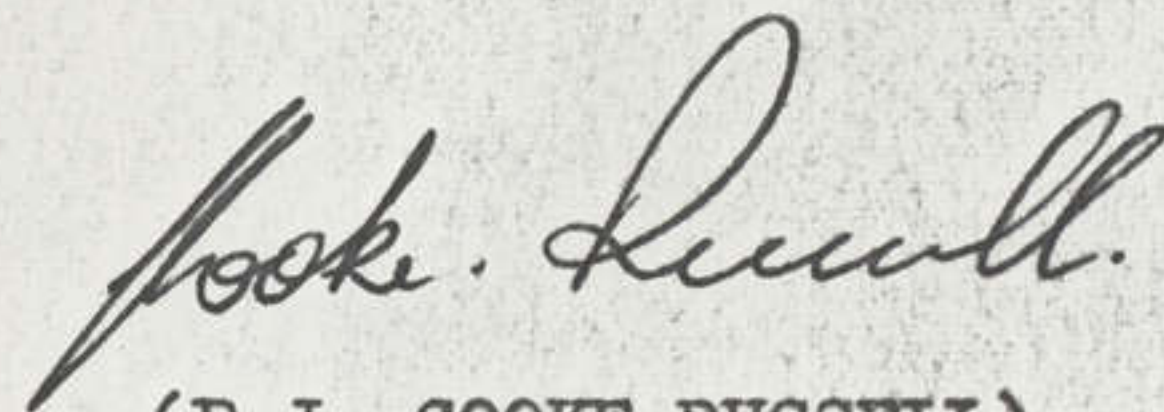
16. The twelve days in Mombasa proved to be a very timely and welcome break in the ship's deployment. The ship's company's morale and conduct continues to be very good. A mild influenza virus has been circulating throughout the ship. It is believed to have been imported from Adelaide by the WRE personnel onboard who joined in Mombasa. Otherwise the ship's company's health is very good.

17. The continuing good weather has enable an intensive ship husbandry programme to be progressed and the ships appearance is good.

I have the honour to be,

Sir,

Your obedient servant



(P.J. COOKE-RUSSELL)  
Lieutenant Commander RAN  
COMMANDING OFFICER

ANNEX: A. STEAMING RETURN  
B. SPORTS RETURN

# RESTRICTED



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ANNEX A TO HMAS DIAMANTINA  
LETTER C1-16-4 DATED  
2ND MAY 1977

STEAMING RETURN

Hours underway during April	540.10
Distance steamed during April	4335 .9
Hours underway since commissioning	53201.60
Distance steamed since commissioning	508266.4

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ANNEX B TO HMAS DIAMANTINA  
LETTER C1-16-4 DATED  
2ND MAY 1977

SPORTS RETURN

01APR77	Hockey Vs Boabab Club	Lost 17 - Nil
02APR77	Cricket Vs Sri Lanka Navy	Lost 123 - 73 runs

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N 428	3	2288	
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DETAILS OF INFORMATION  
ANALYSIS

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- APRIL 1977.

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HMAS DIAMANTINA	a/a	

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Originator	Originator's Reference	Date	Initials
HMAS. LEEUWINK FREEMANTLE W.A.	1/16/5	28, 6, 77	

Information Classifier E. F. Munn (Signature) 4, 7, 77 (Date)



DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS DIAMANTINA

REPORT OF PROCEEDINGS MAY 1977

~~DNO~~ Completion of Operation Bearing State with visits to  
Colombo, Singapore & return to Fremantle. Para 14  
contains general comment on the operation. p 14/77

~~DGNOP~~  
~~DCNS~~

~~CNS~~

~~CNP~~ *Chiswick*

~~CNTS~~ *2/7*

~~DGLOG-N~~ *7*

~~CNM~~

~~DGSUP-N~~ *27/7*

~~PRLO-N~~ *23/7*

~~IADMIN-N~~ *AB25/8*

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2

ROYAL AUSTRALIAN NAVY

TELEPHONE: 39 1522

IN REPLY QUOTE

HMAS LEEUWIN  
P.O. Box 58  
FREMANTLE. W.A. 6160.

23 JUN 1977

Department of Defence (Navy Office)  
CANBERRA. A.C.T. 2600.

← THIS COPY FOR →

Attention: Chief of Naval Staff

For Information: Flag Officer Commanding  
AUSTRALIAN FLEET

Hydrographer, RAN

Commanding Officer  
HMAS DIAMANTINA

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - MAY 1977

1. Forwarded.
2. I consider that DIAMANTINA's performance during her deployment from 26th January to 25th May, 1977 has been most creditable.

*N. A. Boase*  
(N. A. BOASE)  
COMMODORE

*am* Enc:

DCNS  
A4-16.

GEN/VE  
INFORMATION ANALYSIS  
DEPT OF DEFENCE  
JUN 30 08 28 JJ

RESTRICTED

RECEIVED

*mm* HMAS DIAMANTINA *mk*



Nav. HMAS DIAMANTINA. MK

44-10  
DCH2

RECEIVED  
RESTRICTED

JUN 30 09 58 '77

DEPT. OF DEFENCE  
INFORMATION ANALYSIS  
CENTRE

EUC:

COMMODORE  
(M. V. BOVSE)

most creditable.  
Her deployment from 28th January to 28th May 1977 has been  
I consider that DIAMANTINA's performance during  
I. followed.

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - MAY 1977

HMAS DIAMANTINA  
Commanding Officer

Hydrographer: RVM

AUSTRALIAN FLEET  
Fleet Officer Commanding

For information: Chief of Naval Staff  
Attention: Chief of Naval Staff

Canberra, V.C.L. 3800  
Department of Defence (Naval Office)

← THIS COPY FOR →

23 JUN 1977

IN REPLY QUOTE  
TELEPHONE: 38 1233

BRISBANE, M.V. 3800  
P.O. Box 28  
HMAS FREEMAN



ROYAL AUSTRALIAN NAVY

RESTRICTED

3 5



RESTRICTED

HMAS DIAMANTINA  
at Fremantle

1st June 1977

The Naval Officer Commanding,  
WEST AUSTRALIA AREA

For Information:

The Flag Officer Commanding,  
HM AUSTRALIAN FLEET

The Commander,  
TASK FORCE 73

The Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - MAY 1977

Sir,

I have the honour to report the proceedings of HMAS DIAMANTINA for the month of May 1977.

2. At the beginning of the month DIAMANTINA was at sea in the vicinity of Site DP2B (10°40'N 61°49'E) with the Long Acoustic Towed Array (LATA) streamed. At 1500(-5) Sunday 1st May collection of LATA data was completed and the LATA was recovered. Recovery was completed by 1930(-5) that evening and DIAMANTINA then departed Site DP2B for Colombo. This ended DIAMANTINA's operational involvement in Project Bearing Stake.

3. Clocks were advanced 30 minutes to Time Zone (-5½) at 2345(-5) Thursday 5th May.

4. After picking up a pilot DIAMANTINA entered Colombo Harbour at 0830 (-5½) Friday 6th May and secured starboard side to No 1 berth Queen Elizabeth Quay at 0857 (-5½). A reception was held onboard that evening.

5. At 0900 (-5½) Sunday 8th May DIAMANTINA cast off and proceeded from Colombo for Singapore. Clocks were advanced 30 minutes to Time Zone (-6) at 2345 (-5½) that night. Clocks were again advanced 1 hour at 2330 (-6) on Tuesday 10th May and 30 minutes at 2345 (-7) Friday 13th May to Time Zone (-7½). DIAMANTINA changed to the operational control of The Flag Officer Commanding HM AUSTRALIAN FLEET on departure from Colombo.

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2.

6. After making passage through the Malacca and Singapore Straits DIAMANTINA secured starboard side to No 7 Berth Stores Basin Sembawang at 1015 (-7½) Saturday 14th May.

7. At 0900 (-7½) Monday 16th May I called on The Deputy Commander New Zealand Forces Singapore (Group Captain F. KINVIG AFC RNZAF). At 0930 (-7½) I called on The Commanding Officer HMAS VENDETTA (CMDR B.G.J. DUNN RAN). I called on The Commander Naval Forces, West Malaysia (CDE P.K. NETTUR AMN RMN) at 1400 (-7½) that afternoon.

8. At 1030 (-7½) Tuesday 17th May in company with VENDETTA and The Australian Defence Adviser Singapore (CAPT I.H. NICHOLSON RAN) I called on The Australian High Commissioner to Singapore (Mr L CORKERY). All calls were considered returned.

9. DIAMANTINA cast off and proceeded from Sembawang at 0900 (-7½) Wednesday 18th May for Fremantle. Passage was made to the east of Pulau Bintan and through Gasper and Sunda Straits. On clearing Sunda Strait a quarterly full power trial was carried out. During the passage south across the Indian Ocean the weather gradually deteriorated. Strong head winds and seas were experienced during the passage culminating with very heavy seas and winds of up to force 8 on Monday 23rd through to the morning of Wednesday 25th May.

10. Landfall was made on Rottnest Island visually and on 975 radar simultaneously at 8 miles at 0814 (-8) Wednesday 25th May and DIAMANTINA entered Fremantle Harbour at 0945 (-8) securing port side to E Berth Victoria Quay at 1000 (-8) to the joy of many friends and relations who braved the gale force winds and rain to meet the ship. Quarantine clearance was obtained shortly after berthing but Customs clearance was not obtained until all personnel had landed their overseas purchases for customs inspection ashore.

11. DIAMANTINA reverted to your operational control on arrival in Fremantle.

12. An Assisted Maintenance Period and mid winter leave period were commenced on Monday 30th May. The ship remained at E Berth until the end of the month.

RESTRICTED



RESTRICTED

3.

TECHNICAL

- 13.
- a. MAIN PROPULSION. Main engines and boilers have operated satisfactorily over the month. A successful quarterly full power workup was carried out on Friday 20th May 1977.
  - b. PRECISION DEPTH RECORDER (PDR). The PDR did not function at all during the month. The elusive spares mentioned in April's ROP were eventually received in Singapore on 17th May 1977.
  - c. RADAR. Radar reliability is still cause for concern and has been referred to dockyard for investigation and repair TM200 DW 5/77 refers.
  - d. SATELLITE NAVIGATION SYSTEM (SATNAV). SATNAV failed completely on Thursday 5th May and INDEF 7/77 has been expanded to cover all repairs.
  - e. HULL. On the night of 23rd May 1977 the ship encountered extremely heavy seas and on the following morning frame 45 STBD side was found to be leaking water. Underwater inspection revealed 3 strained rivets, repair to which is now being effected.

GENERAL:

14. DIAMANTINA's arrival in Fremantle concluded her Project Bearing Stake deployment. In the four months that DIAMANTINA was absent from her Base Port (26 January - 25 May 1977) she made her furthest voyage ever from the Australian coast and steamed 18,677 miles. The timely execution of DIAMANTINA's task could not have been achieved without the dedicated and enthusiastic support given during port visits by The Australian Department of Foreign Affairs Overseas Posts, only two of which had military representation (Pakistan 15 - 16 February and Singapore 14 - 18 February).

15. The Small Ships Chaplain, (REV A.W. ROSIER) transferred from VENLETTA for the passage south from Singapore to Fremantle where he returned to VENLETTA on 26th May 1977.

../The

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4.

16. The health conduct and morale of the ship's company is very good. The ship's appearance was very pleasing on departure from Singapore however after five days of heavy weather DIAMANTINA showed her age when she arrived in Fremantle.

I have the honour to be,

Sir,

Your obedient Servant

(Sgd) P. J. COOKE - RUSSELL

(P.J. COOKE--RUSSELL)  
Lieutenant Commander R/N  
COMMANDING OFFICER

ANNEXES:      A. Steaming Return  
                  B. Sports Return

RESTRICTED



RESTRICTED

ANNEX 1 TO HMS DIAMANTINE  
STATE: 01/16/4 DATED  
31ST MAY 1977

STEAMING RETURN

Hours underway during May	445
Distance steamed during May	5084.3
Hours underway since commissioning	53646.6
Distance steamed since commissioning	513350.7

RESTRICTED



**RESTRICTED**  
P. J. COOKE RUSSELL

ANNEX B TO HMAS DIAMANTINA

LETTER C1/16/4 DATED

31ST MAY 1977

SPORTS RETURN

06MAY	Hockey Vs Sri Lanka Navy	Won	2	-	1
07MAY	Interpart Cricket Match	Draw			
07MAY	Squash Vs Commander Sri Lanka Navy Team	Won (on games)	2	-	2
15MAY	Australian Rules Vs HMAS VENDETTA	Lost	7.19	-	3.5
16MAY	Volley Ball Vs HMAS VENDETTA	Lost	3	-	Nil
17MAY	Basket Ball Vs HMAS VENDETTA	Lost	18	-	15
17MAY	Hockey Vs HMAS VENDETTA	Won	4	-	Nil

**RESTRICTED**



File Number

N 428	3	2287	
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DETAILS OF INFORMATION  
ANALYSIS

Security Classification

RESTRICTED.
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\*NOTE: Please print all entries clearly.

REGISTRATION

Title REPORT OF PROCEEDINGS - HMAS DIAMANTINA - MAY 1977.

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R 24.2	AS ASONE	

NAME INDEX

Heading	Precis	Initials
HMAS DIAMANTINA	a/a	

LOGGING

Originator <u>HMAS LEEUWIN. FREEMANTLE. W.A.</u>	Originator's Reference <u>✓</u>	Date <u>23, 6, 77</u>	Initials
--	---------------------------------	-----------------------	----------

Information Classifier S. J. [Signature] (Signature) 4, 6, 77 (Date)



FILE: 428/3/ 2300

DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS DIAMANTINA REPORT OF PROCEEDINGS JUNE 1977

~~DNO~~ AMP + leave of 20/7  
in Fremantle

~~DGNOP~~  
~~DCNS~~

~~CNS~~

~~CNP~~ 21/7

~~CNTS~~

~~DGLOG-N~~

~~CNM~~

~~DGSUP-N~~

~~PRLO-N~~ 22/8

~~IADMIN-N~~ 25/8

- NOTES:
- A. This copy is circulated so that Heads of Division may see these reports soon after they reach Navy Office.
  - B. The report will be given again to Heads of Division with Director's comments if there is any matter of special interest in those comments.
  - C. Circulation lists numbers 2 and 3 are referred to Directors and Heads of Section.
  - D. If any matter requires comprehensive treatment or reference to another Branch a new file should be raised, a suitable note being made above.

AS 19/7/77





2

ROYAL AUSTRALIAN NAVY

TELEPHONE: 39 1522  
IN REPLY QUOTE 1/16/5

Office of the  
Naval Officer Commanding  
West Australia Area  
HMAS LEEUWIN  
P.O. BOX 58  
FREMANTLE W.A. 6160

27 JUL 1977

Department of Defence (Navy Office)  
CANBERRA ACT 2600

← THIS COPY FOR →

Attention: Chief of Naval Staff

For Information: Flag Officer Commanding  
AUSTRALIAN FLEET

Hydrographer, RAN

Commanding Officer  
HMAS DIAMANTINA

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - JUNE 1977

1. Forwarded.

*N. A. Boase*  
(N. A. BOASE)  
COMMODORE

*sp*  
Enc:

DCNS  
(A)

CENTRE  
INFORMATION SYSTEMS  
DEPT OF DEFENCE  
7th Fl. 12th St. JJ

*now HMAS DIAMANTINA - copy of proceedings*



Nav AMAS DIAMANTINA - Report of Proceedings.  
June '77

(M)  
Dche

RECEIVED  
JUL 11 15 04 '77  
DEPT. OF DEFENCE  
INFORMATION ANALYSIS  
CENTRE

ENC:

1

COMMODORE  
(M. V. BOYSE)

*V. J. Hayes*

1. 10/10/77

NAVY DIVISION - REPORT OF PROCEEDINGS - JUNE 1977

NAVY DIVISION  
COMMUNICATIONS OFFICER

HEADQUARTERS RAN

FOR INFORMATION: RAN OFFICER COMMUNICATIONS

Attention: Chief of Naval Staff

← THIS COPY FOR →

COMMUNICATIONS VCL 5000  
Department of Defence (Naval Office)

JUL 11 1977

COMMUNICATIONS M.V. BOYSE  
P.O. BOX 28  
NAVY HEADQUARTERS  
HEADQUARTERS RAN  
COMMUNICATIONS OFFICER  
OFFICE OF THE

IN REPLY QUOTE 1/10/77  
TELEPHONE 28 1255



ROYAL AUSTRALIAN NAVY

5



C1/16/4

HMAS DIAMANTINA  
at Fremantle.

1st July, 1977

The Naval Officer Commanding,  
WEST AUSTRALIA AREA

For Information:

The Flag Officer Commanding  
HM AUSTRALIAN FLEET

The Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS JUNE, 1977

Sir,

I have the honour to report the proceedings of HMAS DIAMANTINA during the month of June, 1977.

2. The ship was secured at the southern end of E Berth Victoria Quay at the beginning of the month. Berth was shifted 300 feet to the northern end of E Berth on 21st June, 1977, where she remained until the end of the month.

3. An Assisted Maintenance Period was progressed throughout the month and 14 days leave were given to both watches.

4. The health, morale and conduct of the ship's company is very good. The ship's appearance is satisfactory and now that all hands have returned from leave steady progress is being made towards your inspection due in mid July.

I have the honour to be,

Sir,

Your obedient servant

ORIGINALLY SIGNED

BY

P. J. COOK - RUSSELL

(P.J. COOKE-RUSSELL)

Lieutenant Commander, RAN  
COMMANDING OFFICER



ANNEX A

STEAMING RETURN

Hours underway during June	Nil
Distance steamed during June	Nil
Hours underway since commissioning	53,646.6
Distance steamed since commissioning	513,350.7



3 X 2

ANNEX A

STEAMING RETURN

Nil  
Nil  
55,646.6  
513,350.7

Distance steamed since commissioning  
Hours underway since commissioning  
Distance steamed during June  
Hours underway during June



File Number

N 428	3	2300	
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DETAILS OF INFORMATION  
ANALYSIS

Security Classification

RESTRICTED <del>UNCLASS</del>
----------------------------------

\*NOTE: Please print all entries clearly.

REGISTRATION

Title REPORT OF PROCEEDINGS - HMAS DIAMANTINA  
- JUNE 1977.

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NAME INDEX

Heading	Precis	Initials
HMAS DIAMANTINA	a/a.	

LOGGING

Originator <u>NOCWA.</u>	Originator's Reference <u>r/16/5</u>	Date <u>7, 7, 77</u>	Initials
--------------------------	--------------------------------------	----------------------	----------

Information Classifier <u>E. J. Manas</u> (Signature)	<u>12, 7, 77</u> (Date)
--	----------------------------



FILE: 428/3/2392

DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS DIAMANTINA REPORT OF PROCEEDINGS JULY 1977

~~DNO~~ AMP, inspection + oceanographic cruise of WA for

~~DGNOP~~ bottom dredging operations. Jc. 29/8

~~DCNS~~ 23/8

~~CNS~~

~~CNP~~

~~CNPS~~ 28/9

~~DGLOG-N~~ 29/9

~~CNM~~ 2/9

~~DGSUP-N~~ 13/9

~~PRLO-N~~ 2/9

~~IADMIN-N~~ 23/9

- NOTES:
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4326/8/77





ROYAL AUSTRALIAN NAVY

TELEPHONE: 39 1522  
IN REPLY QUOTE 1/16/5

HMAS LEEUWIN  
P.O. Box 58  
FREMANTLE WA 6160

12 AUG 1977

Chief of Naval Staff  
Department of Defence (Navy Office)  
CANBERRA ACT 2600

For Information: Flag Officer Commanding  
HM Australian Fleet

Commanding Officer  
HMAS DIAMANTINA

Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - JULY 1977

Reference: RI Appendix 29A

1. Forwarded.

*ads*  
*A*

*N. A. Boase*  
(N. A. BOASE)  
COMMODORE

*W*  
Enc:

CENTRE  
INFORMATION ANALYSIS  
DEPT OF DEFENCE  
AUG 13 12 41 77

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New HMAS Diamantina MR-

RECEIVED

AUG 19 15 41 '77  
DEPT. OF DEFENCE  
INFORMATION ANALYSIS  
CENTRE

ENC:

64/2

COMMODORE  
(M. V. BOVSE)

*[Handwritten signature]*

I. Localised

Reference: NI Appendix 3AV

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - JULY 1977

Headquarters RAN

HMAS DIAMANTINA  
Commanding Officer

For information:

NA Fleet  
Fleet Officer Commanding

NAVY VCL 2000  
Department of Defence (Head Office)  
Chief of Naval Staff

15 AUG 1977

IN KEYS CODE 1/12/2  
TELEPHONE: 38 1233

HEADQUARTERS RAN  
P.O. BOX 28  
HMAS GERRARD



ROYAL AUSTRALIAN NAVY



C1/16/4

1 16 5  
08 AUG 1977  
HMAS DIAMANTINA  
at Fremantle

4th August, 1977

The Naval Officer Commanding  
WEST AUSTRALIA AREA

For Information

The Flag Officer Commanding  
HM AUSTRALIAN FLEET

The Hydrographer RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - JULY 1977

Sir,

I have the honour to report the proceedings of HMAS DIAMANTINA for the month of July, 1977. All times are Zone H (-0800).

2. At the beginning of the month the ship was secured to the northern end of E Berth Victoria Quay Fremantle concluding an Assisted Maintenance Period. Berth was shifted to No. 11 North Quay Fremantle during the forenoon of Friday 8th July.

3. Your staff Officers carried out departmental inspections of the ship on 11th, 12th and 13th July. You, Sir inspected the ship and her company during the forenoon of Friday, 15th July.

4. DIAMANTINA cast off and proceeded to sea at 0900 Monday 25th July for an oceanographic cruise for the Department of National Resources (Bureau of Mineral Resources, Geology and Geophysics), Monash University (Earth Sciences) and the West Australia Museum (Marine Biology). 40/60 Bofor Gun Functioning Trials were carried out in Area R133D during the forenoon. On completion of Gun functioning trails at 1113 DIAMANTINA turned south to effect a rendezvous with HMAS LEEUWIN Harbour Personnel Boat (HPB) and the Gun Functioning Trails Team was transferred to the HPB at 1135.

5. On Tuesday 26th July bottom samples off the continental slope south of Cape Leeuwin were dredged by the W.A. Museum. On completion of the shallow dredging at 1315 DIAMANTINA turned south to the first of ten deep dredging stations.



6. Dredging at Station 1 commenced at 0630 Wednesday 27th July and dredging at Station 10 was completed at 1940 Sunday 31st July. The average depth at stations was 4500 metres. Bottom samples were collected at all stations except No's 1 and 10. As a result of the unsuccessful dredge at Station 10 it was decided to dredge at another station the following day. DIAMANTINA was on passage to Station No 11 at the end of the month. The weather conditions deteriorated as the dredging operations continued and at Station No. 10 sea conditions and ship movement prevented the dredge from getting to the sea bed.

TECHNICAL

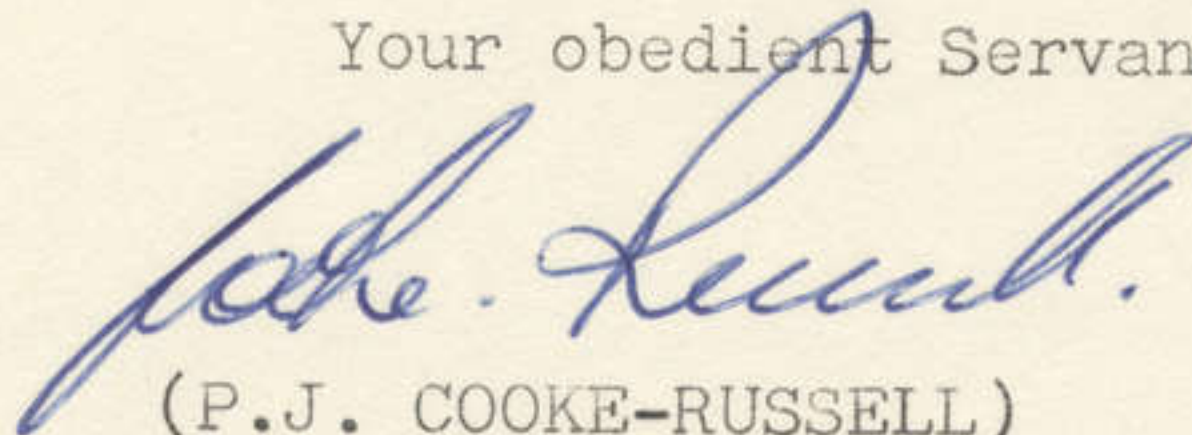
7. A satisfactory assisted maintenance programme was completed during the month. All outstanding INDEFS were completed and a full basin trial was conducted Tuesday 19th July. Although hampered by rough seas an external boiler clean was carried out on No. 2 Boiler between the 27th and 29th July. The efforts and assistance of the Prime Contractor, Dillingham Shipyards, Principal Naval Overseer's staff and the staff of the Command Technical Office during the June/July A.M.P. were commendable.

8. The health, morale and conduct of the ships company is very good. The ship's appearance on leaving harbour on 25th July was very good. The Welfare Committee has met and the ship's company has been lectured in security matters.

I have the honour to be,

Sir,

Your obedient Servant,



(P.J. COOKE-RUSSELL)  
Lieutenant Commander, RAN  
COMMANDING OFFICER

Annexes A. Steaming Return  
B. Sport Return  
C. Officers Movements



ANNEX A TO HMAS  
DIAMANTINA LETTER  
C1/16/4 DATED  
4TH AUGUST, 1977

STEAMING RETURN

Hours underway during July	159.0
Distance steamed during July	1,464.9
Hours underway since commissioning	53,805.6
Distance steamed since commissioning	514,815.6



ANNEX B TO HMAS  
DIAMANTINA LETTER  
C1/16/4 DATED  
4TH AUGUST, 1977

SPORTS RETURN

11th July, 1977 - VOLLEYBALL

HMAS DIAMANTINA Vs HMAS LEEUWIN Won 2 - 0

20th July, 1977 - HOCKEY

HMAS DIAMANTINA Vs HMAS LEEUWIN Lost 2 - 0



ANNEX C TO HMAS  
DIAMANTINA LETTER  
C1/16/4 DATED  
4TH AUGUST, 1977

OFFICERS MOVEMENTS

Officers Joining

3rd July - ASLT M.J. TRIPOVICH - HMAS WATSON  
11th July - MIDN D.S. PLUMMER - HMAS MELBOURNE  
22nd July - 2NDLT U. TOM - HMAS LEEUWIN  
24th July - SBLT K. EVANS - SHORE

Civilian Personnel

24th July - MR SMART - Shore, Department of National Resources.  
- MR JONES - Shore, Department of National Resources.  
- MR MARKS - Shore, Monash University.  
  
25th July - MR WELLS - Shore, West Australia Museum.  
- MR MERRIFIELD Shore, West Australia Museum.



File Number

N428	3	2392	
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DETAILS OF INFORMATION  
ANALYSIS

Security Classification

RESTRICTED
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\*NOTE: Please print all entries clearly.

REGISTRATION

Title REPORT OF PROCEEDINGS — HMAS DIAMANTINA  
— JULY 1977.

Mark to DCNS. (Name or Designation) AL-14. (Location)

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R24.2.	As Asave	

NAME INDEX

Heading	Precis	Initials
HMAS DIAMANTINA	a/a	

LOGGING

Originator	Originator's Reference	Date	Initials
HMAS LEEUWIN. FREEMANTLE	1/16/5	12, 8, 77	

Information Classifier E. F. Thomas (Signature) 23, 8, 77 (Date)



DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS DIAMANTINA

REPORT OF PROCEEDINGS AUG'77.

~~DNO~~ Operations off Fremantle + passage to NZ via  
Adelaide in preparation for Boolee Sea Trials.  
~~DGNOP~~ Rough weather causing slight damage + loss of ILRs  
~~DCNS~~ 27/9 at the beginning of the month. J. 23/9

~~CNS~~

~~CNP~~

~~CNTS~~ 4/10

~~DGLOG-N~~ 2 2/10

~~CNM~~ 10/10

~~DGSUP-N~~ 12/10

~~PRLO-N~~ 1/12

~~IADMIN-N~~ 15/12

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ROYAL AUSTRALIAN NAVY

TELEPHONE: 39 1522

IN REPLY QUOTE 1/16/5

HMAS LEEUWIN  
P.O. Box 58  
FREMANTLE WA 6160

15 SEP 1977

The Chief of Naval Staff  
Department of Defence (Navy Office)  
CANBERRA ACT 2600

For Information: Flag Officer Commanding  
HM AUSTRALIAN FLEET

The Hydrographer, RAN

Commanding Officer  
HMAS DIAMANTINA

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - AUGUST 1977

Reference: RI Appx 29A

1. Forwarded in accordance with the reference.

*N. A. Boase*  
(N. A. BOASE)  
COMMODORE

EMM Enc:

DCMS  
A4-16.



RESTRICTED

C1/6/4

HMAS DIAMANTINA  
at Sea.

1st September, 1977.

The Naval Officer Commanding,  
WEST AUSTRALIA AREA.

For Information:

The Flag Officer Commanding,  
HM AUSTRALIAN FLEET.

The Hydrographer, RAN.

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - AUGUST, 1977

Sir,

I have the honour to report the proceedings of HMAS DIAMANTINA for the month of August, 1977.

2. At the beginning of the month DIAMANTINA was at sea concluding a series of deep dredging stations 300 miles south west of Cape Leeuwin for the Department of National Resources (Bureau of Mineral Resources, Geology and Geophysics). The object of the dredging stations was to determine the distribution of manganese deposits on the ocean floor. Dredging commenced at the final station, No. 11, at 0804 (-8) Monday 1st August. The dredge was recovered at 1015 (-8) and it contained good bottom samples. Having completed the deep dredging requirement DIAMANTINA then commenced passage to the continental shelf to the west of Cape Leeuwin to complete the West Australian Museum dredging programme. Deteriorating weather conditions made the passage uncomfortable.

3. At 1220 (-8) Monday 1st August a Petty Officer was severely scalded by boiling water. In view of the wide extent of the scalded area the ship headed for Bunbury where MEDEVAC arrangements were requested for the following morning.

4. The weather continued to deteriorate and at 1700 (-8) that evening a very steep westerly swell and winds in excess of 70 knots made the course to Bunbury untenable. DIAMANTINA then turned west into the sea to await an improvement in the weather. The MEDEVAC arrangements at Bunbury were cancelled.

5. At 0015 (-8) Tuesday 2nd August the weather moderated sufficiently to allow the ship to make a reasonably comfortable passage to Fremantle to land the injured Petty Officer. DIAMANTINA secured port side to Number 8 berth North Quay Fremantle at 1623 (-8) the same day. During the rough weather on 1st August two survival packs were washed overboard, three life rafts and four survival packs were damaged (HMAS DIAMANTINA VRDEF 3/77 refers).

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6. DIAMANTINA was moved by tugs from No. 8 berth to No. 11 berth North Quay on Friday 5th August.
7. During the evening of Thursday 11th August an L1A1 Self Loading Rifle was reported stolen from the ship (DIAMANTINA message LSD/OHA/CWE 111530Z AUG 77 refers). The rifle was recovered the following day (DIAMANTINA message LSD/OHA/OWE 120944Z AUG 77 refers). You Sir convened a Board of Inquiry on Thursday 18th August to investigate the security aspects of the theft.
8. At 0900 (-8) Friday 19th August DIAMANTINA cast off and proceeded from Fremantle for Adelaide. DIAMANTINA changed to the operational control of The Flag Officer Commanding HM AUSTRALIAN FLEET at 0900 (-8) 19th August. Extremely rough weather conditions were experienced for the first three days. Clocks were advanced 1 hour to Time Zone (-9) at 2330 (-8) Sunday 21st August.
9. Whilst on passage DIAMANTINA carried out a further exploratory deep dredging station for The Department of National Resources. Dredging commenced at 0315 (-9) Monday 22nd August in position 38° 01' S 127° 04' E. The dredge was recovered at 0552 (-9) and only a small quantity of fine sediment obtained.
10. Clocks were advanced 30 minutes to Time Zone (-9½) at 2345 (-9) Tuesday 23rd August. At 0800 (-9½) DIAMANTINA entered Port Adelaide and secured starboard side to the Mobil fuelling wharf at 0908 (-9½) Wednesday 24th August.
11. On completion of fuelling, DIAMANTINA cast off and proceeded to No. 16 berth Port Adelaide securing starboard side to at 1136 (-9½).
12. I called on The Naval Officer-in-Charge, SOUTH AUSTRALIA (CMDR P.M. MULCARE, RAN) at 1330 (-9½) 24th August and on Thursday 25th August in company with NOICSA I called on the Mayor of Port Adelaide Mr. H.C.R. MARTEN. NOICSA returned my call at 1130 Friday 26th, walked around the ship and remained onboard for lunch.
13. During the period 24th August to 28th August equipment for the forthcoming BOOLEE Sea Test was loaded by personnel from the Weapons Research Establishment (WRE) Salisbury. Repairs were also made to the BOOLEE Array.
14. DIAMANTINA cast off from No. 16 berth Port Adelaide at 0900 (-9½) Monday 29th August and proceeded to sea. The ashes of Edward William NEAL (Lance Corporal Royal Marines) were scattered at sea at 1100 (-9½) in position 34° 58'.3 S 138° 19'.2 E. Clocks were advanced 30 minutes to Time Zone (-10) at 2345 (-9½) that night. Clocks were again advanced to Time Zone (-11) at 2330 (-10) Wednesday 31st August.
15. At the conclusion of the month DIAMANTINA was at the eastern end of Bass Strait on passage to Auckland, NEW ZEALAND.

TECHNICAL

16. Marine Engineering; The main engines, boilers and auxiliary machinery ran well throughout the month. An eight monthly internal examination of both boilers was carried out and each boiler's condition was good.

RESTRICTED...../3



RESTRICTED

3.

17. Electrical; During heavy weather on the 1st and 2nd August The Edo Echo Sounder dome was torn from the hull, (INDEF 12/77 refers). Although the Echo Sounder and Precision Depth Recorder are now serviceable, turbulence about the transducer and receiver renders the equipment ineffective except when stopped in calm sea states.

18. Hull; Slight damage was suffered during the 1st and 2nd August to upperdeck structure, fittings and ship's boats. All damage has been repaired with the exception of ship's boats (TM 200 DH 105/77) and accommodation ladder (TM 200 DH 106/77). These will be completed next refit.

19. The health, morale and conduct of the ship's company is very good. The ships appearance suffered as a result of the rough weather encountered at sea and an unsuitable fendering system at No. 11 berth North Quay. The ships side was painted whilst in Adelaide and her appearance at the end of the month was satisfactory.

I have the honour to be,

Sir,

Your obedient Servant,

ORIGINALLY SIGNED  
BY  
P. J. COOK — RUSSELL

(P.J. COOKE-RUSSELL.)  
Lieutenant Commander, RAN  
COMMANDING OFFICER

Annexes: A. Steaming Return.  
B. Officer's Movements.  
C. Sporting Return.

RESTRICTED



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Annex A to HMAS DIAMANTINA  
letter C1/16/4 dated  
1st September, 1977.

STEAMING RETURN

Hours underway during August	220.0
Distance steamed during August	2,694.6
Hours underway since commissioning	54,025.6
Distance steamed since commissioning	517,510.2

RESTRICTED



RESTRICTED

Annex B to HMAS DIAMANTINA  
letter C1/16/4 dated  
1st September, 1977.

OFFICER'S MOVEMENTS

Officers Joining:

25th August	SBLT G. SHEARER, RANR <u>Civilian</u>	Shore
29th August	Mr. G. MYER	WRE Salisbury

Officers Leaving:

15th August	SBLT H.K. EVANS, RANR	Shore
27th August	MIDN D.S. PLUMMER, RAN	HMAS SWAN
27th August	2NDLT U. TOM, PNGDF <u>Civilian</u>	HMAS SWAN
2nd August	Mr. SMART	Shore
2nd August	Dr. JONES	Shore
2nd August	Mr. MARKS	Shore
2nd August	Dr. WELLS	Shore
2nd August	Mr. MERRIFIELD	Shore

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Annex C to HMAS DIAMANTINA  
letter C1/16/4 dated  
1st September, 1977.

SPORTING RESULTS

25th August      Volleyball Vs HMAS ENCOUNTER Won 3 - 1  
                         Badmington Vs HMAS ENCOUNTER Won 3 - 2

Note:      Five DIAMANTINA personnel were selected for the  
                 Navy Interservice Hockey Team.

RESTRICTED



File Number

N 428	3	2449	
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DETAILS OF INFORMATION  
ANALYSIS

Security Classification

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\*NOTE: Please print all entries clearly.

REGISTRATION

Title REPORT OF PROCEEDINGS - HMAS DIAMANTINA - August 1977.

Mark to DENS (Name or Designation) A4 - 16 (Location)

Cancel File No ..... and inform Movements Section.

Close File No .....

Cross reference this file with: .....

SUBJECT INDEX

Posting	Precis	Initials
R24.2	as above.	

NAME INDEX

Heading	Precis	Initials
HMAS DIAMANTINA	a/a.	

LOGGING

Originator <u>NOC WA.</u>	Originator's Reference <u>1/14/5</u>	Date <u>15, 9, 77</u>	Initials
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Information Classifier <u>E. F. [Signature]</u>	(Date) <u>19, 9, 77</u>
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FILE: 428/3/2516

DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS DIAMANTINA REPORT OF PROCEEDINGS SEPTEMBER '77

~~DNO~~ Boolee trials in the South Pacific Basin with HMNZS TUI,  
ONSLow, RAAF + RNZAF. Visits to Auckland, Noumea +  
DGNOP Brisbane at the end of the month. 3/11

~~DCNS~~ 2/11

~~CNS~~

~~CNP~~

~~CNTS~~

~~DGLOG-N~~ 2/15/11

~~CNM~~ 16/11

~~DGSUP-N~~ 17/11

~~PRLO-N~~ 18/11

~~IADMIN-N~~ 21/11

- NOTES:
- A. This copy is circulated so that Heads of Division may see these reports soon after they reach Navy Office.
  - B. The report will be given again to Heads of Division with Director's comments if there is any matter of special interest in those comments.
  - C. Circulation lists numbers 2 and 3 are referred to Directors and Heads of Section.
  - D. If any matter requires comprehensive treatment or reference to another Branch a new file should be raised, a suitable note being made above.

428/3/2516/77





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ROYAL AUSTRALIAN NAVY

TELEPHONE: 39-1522

IN REPLY QUOTE 1/16/5

HMAS LEEUWIN,  
P.O. BOX 58,  
FREMANTLE. W.A. 6160.

17 OCT 1977

The Chief of Naval Staff,  
Department of Defence (Navy Office), ← THIS COPY FOR →  
CANBERRA. A.C.T. 2600.

For Information: Flag Officer Commanding,  
HM AUSTRALIAN FLEET

The Hydrographer, RAN.

The Commanding Officer,  
HMAS DIAMANTINA.

REPORT OF PROCEEDINGS - HMAS DIAMANTINA -  
SEPTEMBER 1977

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Reference: R.I. Appendix 29A.

1. Forwarded.

*CHS  
A*

*N. A. Boase*  
(N. A. BOASE)  
COMMODORE

*[Signature]*  
ENCL:

DEPT OF DEFENCE  
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11 OCT 1977

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*News Sheet* *RECEIVED* *Diemandina R. J. P. 1st* *MR*

OCT 24 11 04 '77  
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INFORMATION ANALYSIS  
CENTRE

*64/2*

COMMODORE  
(M. V. ROUSE)

*1.0.77*

1. in 10491000

Reference: M.I. Appendix 5A

SEPTEMBER 1977  
REPORT OF PROCEEDINGS - HMS DIVISIONAL -

HMS DIVISIONAL  
THE COMMANDING OFFICER

THE HEADQUARTERS RAN

IN AUSTRALIAN WATERS

For information: HMS OFFICER COMMANDING

NAVY DEPARTMENT (HEAD OFFICE)  
THE CHIEF OF NAVAL STAFF  
— THIS COPY FOR —

17 OCT 1977

BRISBANE A.V. 1000  
P.O. BOX 28  
HMS GERAIN

IN WATERS OFFICE  
1/10/77  
1255-22

NAVY AUSTRALIAN WATERS

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C1/16/4

HMAS DIAMANTINA  
At Sea.

4th October, 1977.

The Naval Officer Commanding,  
WEST AUSTRALIA AREA

For Information:

The Flag Officer Commanding,  
HM AUSTRALIAN FLEET

The Commodore,  
AUCKLAND

The Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - SEPTEMBER, 1977

Sir,

I have the honour to report the proceedings of HMAS DIAMANTINA for the month of September, 1977.

2. DIAMANTINA was at the eastern end of Bass Strait in passage to Auckland, NEW ZEALAND at the beginning of the month. On crossing the 300 metre line DIAMANTINA commenced the first of her oceanographic tasks which was the dropping of expendable bathythermograph probes (XBT) every two hours during passage between ports and sites. Alternate deep and shallow probes were dropped. Clocks were advanced one hour at 2359 (-11) Friday 2nd to Time Zone -12.
3. DIAMANTINA changed to the operational control of the Commodore Auckland at 2000 (-12) Saturday 3rd and after a fair passage across the Tasman Sea made a landfall on West Island at 0816 (-12) Sunday 4th. During Sunday night the weather deteriorated markedly and the remainder of the passage to Auckland was made in a very strong South Easterly gale.
4. Commodore Auckland's Officer of the Guard was received onboard at 0830 (-12) Monday 5th and DIAMANTINA secured port side to the Centre Berth Calliope Wharf, Devonport Dockyard Auckland at 0914 (-12).
5. At 0945 I left DIAMANTINA to call on The Mayor of the City of Auckland, Sir Dove MYER-ROBINSON; The Australian Consul General, Mr. K.L. Le ROSSIGNOL; The Chairman of the Auckland Harbour Board, Mr. R.W. CARR and The Commodore Auckland represented by CAPT D.S. O'DONOGHUE RNZN. I and my officers hosted a reception for thirty guests that evening.
6. A pre-sail briefing was held at the Defence Scientific Establishment Auckland on Tuesday 6th in preparation for the forthcoming BOOLEE Array Sea Test (WRE.MP 3/77 - DSE.NR 1064). During the Sea Test (9SEP77 - 10OCT77) the RNZN Oceanographic Ship HMNZS TUI (LCDR R.E. BROWN RNZN) and DIAMANTINA will carry out joint experiments in the South Fiji Basin, Coral Sea and Tasman Sea. RAAF and RNZAF Orion aircraft and an RAN submarine will also participate in the Sea Test.

...../2

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2. RESTRICTED

7. At 0900 (-12) Thursday 8th DIAMANTINA cast off and proceeded to sea. On clearing Huraki Gulf passage was made towards Site A in the South Fiji Basin. The BOOLEE Array was partially streamed at 1200 (-12) Friday 9th to effect repairs. Work had to be stopped at 1725 (-12) as the deteriorating weather conditions made the BOOLEE work area unsuitable for the work being undertaken. The array remained streamed overnight and repair work recommenced at 0800 (-12) Saturday 10th.
8. A rendezvous was effected with TUI at 0800 (-12) Saturday 10th. Work continued on DIAMANTINA's BOOLEE array until 2105 (-12) when the array was finally at working depth and DIAMANTINA was able to commence her first task. An RNZAF Orion aircraft carried out a surface shipping survey in Site A area during the forenoon of Sunday 11th.
9. At 0800 (-12) Monday 12th DIAMANTINA partially recovered the BOOLEE and attached a noise projector to the outboard end of the tow cable. The array was streamed to a depth of 100 feet to operate the projector, at 1115 (-12). The projector was recovered at 0611 (-12) Tuesday 13th and the BOOLEE array then veered to a depth of 1000 feet to record a projector towed by TUI. TUI projector failed to operate and TUI was used as a noise source until detached at 2230 (-12) to proceed to Noumea. DIAMANTINA continued to carry out various trials throughout the night and following day until 1732 (-12) Wednesday 14th when the array was recovered and DIAMANTINA commenced passage to Noumea.
10. DIAMANTINA changed to the operational control of the Flag Officer Commanding HM Australian Fleet at 1600 (-12) Wednesday 14th. Clocks were retarded one hour at 1830 (-12) Friday 16th to Time Zone (-11).
11. A pilot was embarked at Boulari Passage at 0700 (-11) Saturday 17th and DIAMANTINA secured starboard side to the northern end of Vieux Quai at 0840 (-11).
12. The Australian Consul to New Caledonia (Mr. W.N. FISHER) was received onboard at 0900 (-11) and at 1015 (-11) in his company I called on the Commander of the Navy and Naval Air Arm in New Caledonia and Dependencies representative Capitaine de Fregate PONSELLE. Capitaine de Fregate PONSELLE returned my call at 1115 (-11) and at 1200 (-11) I and my officers hosted a reception onboard.
13. At 0811 (-11) Tuesday 20th DIAMANTINA cast off and proceeded from Vieux Quai to Baie des Dames to embark fuel. The ship was secured port side to across the end of the fuelling jetty at 0904 (-11). After a very slow start to fuelling was completed at 1345 (-11) and DIAMANTINA cast off at 1405 (-11) and proceeded out of Daie des Dames to sea via Dumbea Passage. On clearing the reef DIAMANTINA turned towards Site B in the Coral Sea.
14. The BOOLEE Array was streamed during the forenoon of Thursday 22nd for maintenance and recovered that evening. Clocks were retarded one hour at 1830 (-11) the same day to Time Zone (-10).
15. The ship arrived in the vicinity of Site B during the forenoon of Friday 23rd. Streaming the BOOLEE array commenced at 1032 (-10).but due to considerable difficulty in locating several faults it was not down to working depth until 0245 (-10) the following day.
16. During the forenoon of Saturday 24th an RAAF Orion aircraft dropped explosive charges in a predetermined pattern about Site B. Another defect developed in the BOOLEE array at 1340 (-10). It was recovered, repaired and back at operating depth by 1848 (-10).

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17. A rendez-vous was effected with TUI during the morning of Sunday 25th and at 0845 (-10) HMAS ONSLOW (LCDR A.S.L. SMITH, RN) closed DIAMANTINA to commence a series of runs over the BOOLEE array for sound ranging purposes. On completion of her runs with DIAMANTINA ONSLOW proceeded to TUI at 1245 (-10) to carry out a similar exercise. TUI and ONSLOW completed their task at 1830 (-10) and at 1900 (-10) DIAMANTINA, TUI and ONSLOW commenced the second part of the submarine task.

18. An RAAF Orion aircraft carried out a Shipping Survey during the forenoon of Monday 26th. At 1035 (-10) the BOOLEE array again became unserviceable. Recovery was commenced at 1045 (-10). Whilst the array was being inspected for damage a stores transfer was executed with ONSLOW. ONSLOW required a piece of copper pipe and welding gear to repair her air conditioning. At 1350 (-10) ONSLOW approached DIAMANTINA's lee side and the stores were floated across to ONSLOW in an XBT BOX at the end of a messenger. The transfer was completed at 1430 (-10) and ONSLOW departed to continue trials with TUI. Two defective sections were found in the BOOLEE array. These were removed and the array was streamed to operating depth at 1935 (-10).

19. At 1345 (-10) Tuesday 27th information was received that a fishing boat, CHIFFONG No. 6 was full of water and requested assistance (DEFNAV CANBERRA KAO 270015Z SEP 77). The fishing boat's position was 099° 467 miles from DIAMANTINA. At 1357 (-10) DIAMANTINA was instructed to comply (COMAUSFLT KAA 270109Z SEP 77) with Marine Ops KAO 262234Z SEP 77 which had not been received at that time. Recovery of the BOOLEE array was commenced at 1400 (-10) and a watch was put below on the second boiler. at the same time.

20. At 1405 (-10) DIAMANTINA was ordered to proceed with all despatch to the SAR scene (COMAUSFLT KAA 270126Z SEP 77). The BOOLEE array was completely recovered by 1509 (-10) and DIAMANTINA proceeded at 12 knots towards the SAR scene until 1527 (-10) when the second boiler was connected and speed increased to 15 knots. The 33 knot head wind and associated sea prevented DIAMANTINA from making a better speed. ETA at the SAR scene was 0200 (-10) 29th September.

21. DIAMANTINA continued towards the SAR scene until 1315 (-10) Wednesday 28th when the fishing vessel was reported sunk and the entire crew rescued by another fishing vessel (MARINE OPS KAO 280203Z SEP 77). DIAMANTINA was instructed to proceed direct to Brisbane (COMAUSFLT KDB/KIG/KAO 280228Z SEP 77).

22. A full power trial was conducted during the forenoon of Friday 30th September and DIAMANTINA entered Moreton Bay at 1032 (-10). Pile Light was passed at 1400 (-10) and DIAMANTINA secured starboard side to No.1 New Farm wharf Brisbane at 1600 (-10) where she remained until the end of the month.

#### TECHNICAL

23. Marine Engineering: The main engines, boilers and auxiliary machinery ran well throughout the month. A speed of 18 knots was achieved during the full power trial on 30th September.

24. Electrical: The Chernikeef Log was finally put to work during the month and operated for nine days before filling with water on 28th September. It remained unserviceable until the end of the month.

.... /4

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4.

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25. The health, morale and conduct of the ship's company has been very good. The appearance of the ship is satisfactory.

I have the honour to be,

Sir,

Your obedient Servant.

ORIGINALLY SIGNED  
BY  
P. J. COCK — RUSSELL  
(P.J. COOKE-RUSSELL.)  
Lieutenant Commander, RAN  
COMMANDING OFFICER

Enclosures: .

- ANNEX A. Steaming return
- ANNEX B. Signals relating to SAR incident (NOCWA only)
- ANNEX C. Sports return
- ANNEX D. Officers movements
- ANNEX E. Guest List - Auckland Reception
- ANNEX F. Guest List - Noumea Reception

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ANNEX A. TO

HMAS DIAMANTINA LETTER C1/16/4

DATED 4TH OCTOBER, 1977

STEAMING RETURN

Hours underway during September	580.8
Distance steamed during September	4,892.7
Hours underway since commissioning	54,606.4
Distance steamed since commissioning	522,402.9

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ANNEX C. TO

HMAS DIAMANTINA LETTER C1/16/4

DATED 4TH OCTOBER, 1977

SPORTS RETURN

Tuesday 6th September

Rugby: TUI 56 defeated DIAMANTINA 0

Monday 19th September

Soccer: FRENCH NAVY 9 defeated DIAMANTINA 1

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ANNEX D. TO

HMAS DIAMANTINA LETTER C1/16/4

DATED 4TH OCTOBER, 1977

MOVEMENTS OF PERSONNEL

DEPARTED

LEUT RMSG	J.F. KILLICK	RANR	19SEP77
A/LCDR RMSG	P.R. CARTER	RANEM	30SEP77
SBLT EN	G. SHEARER	RANR	30SEP77

JOINED

LEUT RMSG	J.F. KILLICK	RANR	05SEP77
A/LCDR RMSG	P.R. CARTER	RANEM	20SEP77

WRE PERSONNEL

DR. D.V. WYLLIE	20SEP77
DR. D.G. CARTWRIGHT	20SEP77
MR. J.G. SCARCE	20SEP77
MR. G.M. COLLINS	20SEP77
MR. H.M. HAKKENNES	20SEP77
MR. J. BURGER	20SEP77

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ANNEX E. TO

HMAS DIAMANTINA LETTER C1/16/4

DATED 4TH OCTOBER, 1977

GUEST LIST - AUCKLAND RECEPTION

Commodore and Mrs R.H.L. HUMBY	Commodore Auckland
Commander and Mrs E.D. DEANE	The Commanding Officer HMNZS PHILOMEL
Commander and Mrs D. BELL	Base Supply Officer HMNZS PHILOMEL
Lieutenant Commander and Mrs J. CROSHAW	Executive Officer HMNZS PHILOMEL
Sir Dove Myer ROBINSON and Lady	Mayor of Auckland
Mr and Mrs R.W. CARR	Chairman, Auckland Harbour Board
Mr and Mrs K. LE ROSSIGNOL	Australian Consul General
LCDR R.E. BROWN and partner	Commanding Officer HMNZS TUI
LEUT P.J. DAVEY and partner	HMNZS TUI
LEUT R.T. JACKSON and partner	HMNZS TUI
Mr and Mrs B.H. OLSSON	Director ) Defence
Mr and Mrs D.J. BARNES	Asst. Director ) Scientific
Dr and Mrs L.H. HALL	Scientist ) Establishment
Padra and Mrs S. HADLOW	RNZN
Mr and Mrs E.P. SAUNDERS	Allen and Hanberry Limited

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ANNEX F. TO

HMAS DIAMANTINA LETTER C1/16/4

DATED 4TH OCTOBER, 1977

GUEST LIST - NOUMEA RECEPTION

Mr W.N. FISHER	AUSCON NOUMEA
Mr and Mrs P. SHANNON	AUSCON NOUMEA
Mr D.E. WRIGHT	AUSCON NOUMEA
Mr T.B. McGRANE	AUSCON NOUMEA
Miss L. ARMSTRONG	AUSCON NOUMEA
Mr and Mrs LEGAND	ORSTOM
Mr and Mrs LEGUEN	ORSTOM
Mr and Mrs BOURRET	ORSTOM
Mr and Mrs JARRIGE	ORSTOM
Mr POPULUS	
Mr and Mrs GUILLERME	
Dr R. KEARNEY	
Dr and Mrs R. GRANPERRIN	
Mr and Mrs MICHUAD	Chef de Service, Service Topographique
Mr and Mrs LE BREUS	Chef de Service, Service Topographique
Commandant and Mrs DENAYROU	French Navy
Commandant and Mrs TABOURNEL	French Navy
Mr R. WRIGHT	Consul General of New Zealand
The Captain HMNZS TUI	
The Executive Officer, HMNZS TUI	
Mr and Mrs CHAVELET	France Australe
Mr and Mrs G. VENTRILLON	Les Nouvelles
Mr J.C. ARGENTIN	F.R.3.
Chargé de Mission and Mrs SENEGAS	
Secrétaire Général and Mrs ERIGNAC	
Directeur de Cabinet Militaire and Mrs BAZIN DE JESSEY	
Général PAULY	Commandant Supérieur des Forces Armées de la Nouvelle-Calédonie
Elaine LINDSTROM	
Chef d'Etat Major Colonel BEAL	
Miss H. KILLEN	

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File Number

N428	3	2516	
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DETAILS OF INFORMATION  
ANALYSIS

Security Classification

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\* NOTE: Please print all entries clearly.

REGISTRATION

Title Report of Proceedings - HMAS Diamantina  
September, 1977

Mark to DCNS (Name or Designation) A. (Location)

Cancel File No ..... and inform Movements Section.

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SUBJECT INDEX

Posting	Precis	Initials

NAME INDEX

Heading	Precis	Initials
HMAS Diamantina	aper.	

LOGGING

Originator	Originator's Reference	Date	Initials
HMAS Leeuwin	1/16/75	17/10/77	

Information Classifier R Jeffrey (Signature) 25/10/77 (Date)



DEPARTMENT OF DEFENCE (NAVY OFFICE)

File: 428/3/2566

HMAS DIAMANTINA REPORT OF PROCEEDINGS OCTOBER 1977

~~DNO~~ Visit to Brisbane, Boobie Trials with HMAS Tui, visit to

~~DCNS~~ <sup>30/11</sup> Sydney + return to Fremantle via Adelaide for VLA  
Trials. fr 29/11

~~CNS~~

~~DGNPP~~

~~CNORP~~

~~CNP~~

~~CNTS~~

~~DGLOG-N~~

~~CNM~~

~~DGSUP-N~~

~~PRLO-N~~

~~IADMIN-N~~

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AB 29/11/77





HISTORIAN  
24-1-78



ROYAL AUSTRALIAN NAVY

TELEPHONE: 339 1522  
IN REPLY QUOTE 1/16/5

HMAS LEEUWIN  
P.O. BOX 58  
FREMANTLE W.A. 6160

9 FEB 1978

The Chief of Naval Staff  
Department of Defence (Navy Office)  
CANBERRA A.C.T. 2600

← THIS COPY FOR →

For information: The Flag Officer Commanding  
HM Australian Fleet  
  
The Hydrographer  
Royal Australian Navy  
  
Commanding Officer  
HMAS DIAMANTINA




HMAS DIAMANTINA - REPORT OF PROCEEDINGS -  
OCTOBER 1977

Reference: R.I. Appendix 29A.

1. Forwarded.

*N. A. Boase*  
(N. A. BOASE)  
COMMODORE

Encl. 

*J. ...*  
*A*

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ENCLOSURE

COMODORE  
(R. V. BOYD)

Reference: R.I. 4880/78

OCTOBER 1977  
HMVS DIVISION - RECORDS OF PROCEEDINGS -

HMVS DIVISION  
COMMUNICATIONS OFFICE

NAVY INVESTIGATION BRANCH  
THE HADFIELD ROAD

For information: The 1st Officer commanding

COMMUNICATIONS V.C.I. 3000  
DEPARTMENT OF DEFENCE (NAVY OFFICE)  
THE OFFICE OF NAVAL BASES

THIS COPY FOR

14 FEB 1978

IN REPLY QUOTE 1/10/78  
REFERENCE 330 1255

BRISBANE R.V. 0400  
P.O. BOX 29  
HMVS GERRARD



NAVY INVESTIGATION BRANCH







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ROYAL AUSTRALIAN NAVY

TELEPHONE: 339-1522

IN REPLY QUOTE 1/16/5

HMAS LEEUWIN,  
P.O. BOX 58,  
FREMANTLE. W.A. 6160.

10 NOV 1974

Chief of Naval Staff,  
Department of Defence (Navy Office),  
CANBERRA. A.C.T. 2600.

← THIS COPY FOR →

For Information: The Flag Officer Commanding,  
HM AUSTRALIAN FLEET.

The Hydrographer, R.A.N.

The Commanding Officer,  
HMAS DIAMANTINA.

HMAS DIAMANTINA - REPORT OF PROCEEDING - OCTOBER  
1977

Reference: R.I. Appendix 29A.

1. Forwarded.

*N. A. Boase*  
(N. A. BOASE)  
COMMODORE

ENCL:  
*Am*

*P CNS. Flag A.*

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New  
HMAS DIAMANTINA  
Proceedings  
October 73

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EXST:

COMBIBONE  
(M. V. POWER)

1. 101412000

Reference: H.I. 4780000 20V

1977  
HMAS DIAMANTINA - RECORD OF PROCEEDING - OCTOBER

HMAS DIAMANTINA  
THE COMMUNIST OFFICER  
THE AUSTRALIAN H.V.M.

FOR INFORMATION: THE HMAS OFFICER COMMUNIST

COMMUNIST. A.C.I. 2000  
Department of Defence (HMAS OFFICER)  
Office of HMAS 2000

10 NOV 1977

BRISBANE. H.V. 2000  
P.O. BOX 28  
HMAS DIAMANTINA

IN HMAS OFFICE 1/10/77  
REFERENCE 330-1255



ROYAL AUSTRALIAN NAVY  
RESTRICTED



RESTRICTED

C1/16/4

HMAS DIAMANTINA  
at Fremantle

2nd November, 1977

The Naval Officer Commanding  
WEST AUSTRALIA AREA

For Information:

The Flag Officer Commanding  
H.M. AUSTRALIAN FLEET

The Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDING OCTOBER 1977

Sir,

I have the honour to report the proceedings of HMAS DIAMANTINA for the month of October, 1977.

2. DIAMANTINA was secured starboard side to No. 1 berth New Farm, Brisbane at the beginning of the month in company with HMNZS TUI.
3. Due to late hour at which DIAMANTINA's arrived in Brisbane on Friday 30th September, 1977 I was unable to call on the Naval Officer Commanding QUEENSLAND (Captain P.H. JAMES, RAN). At 0818 (-10) Monday 3rd October NOCQLD was received onboard and left at 0844 (-10). DIAMANTINA cast off at 0929 (-10) and proceeded out of Moreton Bay via the North East Channel for Site C of the BOOLEE Array Sea Test ( WRE MP 3/77 - DSE NR 1064).
4. During the passage to Site C both DIAMANTINA and TUI conducted Expendable Bathythermograph runs to determine the position of a Tasman Eddy . The eddy was used in conjunction with the trials carried out at Site C.
5. Streaming the BOOLEE array was commenced at 0553 (-10) on Wednesday 5th however faults in the array prevented the array from being put down to operational depth until 1725 (-10) that evening. The noise characteristics of a projector towed by HMAS IBIS was recorded throughout the night.

...../2

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-2-

6. A further BOOLEE task using an RAAF P3 Orion was carried out on Thursday 6th but deteriorating weather conditions during Thursday evening prevented DIAMANTINA, TUI and IBIS from continuing with the programmed tasks and ad hoc arrangements had to be made to get useful data from the array.

7. Poor weather conditions throughout Friday 7th continued to affect the execution of the BOOLEE tasks. Further shipping surveys were carried out by an RNZAF P3 Orion during Saturday 8th. The weather moderated by Saturday evening and the remaining BOOLEE tasks were completed by 1350 (-10) Sunday 9th. Recovery of the array commenced at 1355 (-10) and was completed by 1510 (-10). DIAMANTINA then turned towards Sydney.

8. Port Jackson was entered at 2210 (-10) and DIAMANTINA came to anchor in Watson's Bay at 2229 (-10) Sunday 9th October.

9. At 0826 (-10) Monday 10th DIAMANTINA weighed and proceeded to Garden Island securing port side to the North End Fitting Out Wharf at 0917 (-10) the same day. HMNZS TUI berthed outboard of DIAMANTINA at 0943 (-10). The visit to Sydney was DIAMANTINA's first since 1972.

10. At 1000 (-10) Tuesday 11th I called on the Commanding Officer HMAS MELBOURNE (CDRE R.C. SWAN CBE RAN) and at 1400 (-10) I called on the Flag Officer Commanding H.M. AUSTRALIAN FLEET (RADM N.E. McDONALD AO). FOCAF returned my call at 1500 (-10) the same day and walked around the ship. MELBOURNE returned my call at 0930 (-10) Friday 14th October.

11. During the week in Sydney the ship was visited by several of FOCAF's Staff Officers principally from the Technical Staff. Advantage was also taken of the PWT facilities available in Sydney and refresher courses for the ships RP sailors and Demolition Team were undertaken.

12. At 0900 (-10) Thursday 13th I bid farewell to TUI who returned to New Zealand. I am looking forward to working with TUI again in 1978.

13. DIAMANTINA cast off from Garden Island at 1015 (-10) Monday 17th and proceeded to Exercise Area R487 to carry out an AA Firing Exercise. A sleeve target was made available from 1200 (-10) to 1400 (-10). It was quite a change from our usual practise of firing at meteorological ballons. On completion of the AAFX passage was made to Adelaide.

14. Clocks were retarded 30 minutes to Time Zone (-9½) at 1815 (-10) Wednesday 19th.

.... /3

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-3-

15. Port Adelaide Outer Harbour was entered at 1200 (-9½) Thursday 20th and DIAMANTINA secured starboard side to the Mobil Oil Wharf at 1305 (-9½). Fuelling was completed at 1415 (-9½) and at 1436 (-9½) DIAMANTINA cast off and proceeded to berth starboard side to No. 16 berth at 1504 (-9½). Personnel from the Weapon Research Establishment Salisbury rapidly set to the task of unloading the BOOLEE array and then modifying the quarterdeck so that Vertical Long Array (VLA) handling and operation trials could be undertaken. WRE completed the modification late on Friday night and at 1605 (-9½) 22nd DIAMANTINA cast off and proceeded out of Port Adelaide to a site south of Kangaroo Island for the VLA trials. Ten Sea Cadets and two Instructors from South Australian Sea Cadet units were embarked for the three day period at sea.

16. The VLA was of a new design. The previous VLA had been lost from DIAMANTINA at sea in September 1976. The new VLA was a marked improvement on its predecessor in that it was much less bulky and consequently far easier to handle. Significant changes have been made also to the ship's equipment to enable the new VLA to be handled in a safer and seamanlike manner. As far as the ship was concerned the VLA handling trials were successful and my apprehension at handling the VLA equipment in rough seas has been significantly reduced. From a WRE point of view the trials indicated minor design defects which could be overcome before the first VLA operational trial in April 1978.

17. The VLA sea trials were completed by 1830 (-9½) Monday 24th and DIAMANTINA returned to Adelaide berthing starboard side to No.1 berth Outer Harbour Port Adelaide at 0805 (-9½) Tuesday 25th. All WRE equipment was unloaded in a very short time and at 1143 (-9½) DIAMANTINA cast off and proceeded to sea. NOICVIC (CDRE D.H.D. SMYTH AC RAN) and NOICSA (CMDR P.M. MULCARE RAN) were present on the wharf when the ship sailed.

18. A good passage was made across the Bight and DIAMANTINA arrived in the deep dredging site (38° 25'S 118° 07'E) at 1100 (-9) Friday 28th. The first dredge was unsuccessful and the dredge was lowered again at 1405 (-9) and recovered at 1612 (-9). This time manganese nodules were recovered and an added bonus was a sea urchin which has since been given to the West Australian Museum. Depth at the dredge site was 2900 fathoms (5300 metres). The manganese nodules were forwarded to the Department of National Resources in Canberra.

19. Clocks were retarded 30 minutes to Time Zone (-9) at 1815 (-9½) Tuesday 25th and to Time Zone (-8) at 1830 (-9) Friday 28th.

20. DIAMANTINA anchored in Geographic Bay (Cape Naturalistic 108 9'0) at 1818 (-8). Anchor was weighed at 0328 (-8) on Sunday 30th and passage made direct to Fremantle where DIAMANTINA berthed starboard side to No.1 Berth North Quay at 1330 (-8) Sunday 30th and she remained there until the end of the month.

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-4-

TECHNICAL

21. The Precision Depth Recorder (PDR) was checked whilst the ship was in Sydney by the Garden Island Dockyard, INDEF 13/77 refers. Minor adjustments were made to the PDR and in still waters at slow speeds the unit functioned well. It is expected that once the transducer dome, INDEF 12/77, is fitted the PDR will function normally.
22. The Chernikeef log was returned to Store in Sydney and a new log drawn. The new log was made operational on 19th October and continued to function well for the remainder of the month.
23. FFO tanks 3,4,13,14,15, 16 were cleaned at sea over the period 27th to 30th October in preparation for the 1977 refit.

GENERAL

24. The return to Fremantle on 30th October signaled the end of DIAMANTINA's oceanographic work for 1977. In the three cruises this year DIAMANTINA steamed 31,901 miles in 4,017 hours, an average speed of 7.9 knots.
25. The health, morale and conduct of the ship's company has been very good. The appearance of the ship is good.

I have the honour to be

Sir,

Your obedient Servant

ORIGINALLY SIGNED

BY

P. J. COOK — RUSSELL

(P.J. COOKE-RUSSELL.)  
Lieutenant Commander, RAN  
COMMANDING OFFICER

RESTRICTED



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ANNEX A TO HMAS DIAMANTINA LETTER  
C1/16/4 DATED 2ND NOVEMBER, 1977.

STEAMING RETURN

Hours underway during October	410.7
Distance steamed during October	4011.5
Hours underway since commissioning	55,606.4
Distance steamed since commissioning	526,414.5

RESTRICTED



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ANNEX B TO HMAS DIAMANTINA LETTER  
C1/16/4 DATED 2ND NOVEMBER, 1977

OFFICERS MOVEMENTS

JOINED

2nd October	Mr P.A. NYSON	from RANRL
	Mr J.C. ANDREWS	from W.R.E.
16th October	MIDN D. PLUMMER	from HMAS MELBOURNE
22nd October	Dr A.S. BURGESS	from W.R.E.
	Mr D.H. BROWN	from W.R.E.
	Dr A.L. CARPENTER	from W.R.E.
	Mr E. CEELY	from W.R.E.
	Dr A.K. STEELE	from W.R.E.
	Mr L. ZAJICEK	from W.R.E.
	Mr J. LUSCOMBE	from W.R.E.
	Mr A.D. PEAKE	from W.R.E.

LEFT

11th October	Dr D.V. WYLLIE	to W.R.E.
	Dr D.G. CARTWRIGHT	to W.R.E.
	Mr G. COLLINS	to W.R.E.
	Mr J. SCARCE	to W.R.E.
	Mr J. BURGER	to W.R.E.
	Mr H. HAKKENES	to W.R.E.
	Mr J.C. ANDREWS	to W.R.E.
	Mr P.A. NYSON	to RANRL
25th October	Dr A.S. BURGESS	to W.R.E.
	Dr A.L. CARPENTER	to W.R.E.
	Mr D.H. BROWN	to W.R.E.
	Mr G. MYERS	to W.R.E.
	Mr E. CEELY	to W.R.E.
	Mr J. LUSCOMBE	to W.R.E.
	Dr A.K. STEELE	to W.R.E.
	Mr L. ZAJICEK	to W.R.E.
	Mr A.D. PEAKE	to W.R.E.

RESTRICTED



RESTRICTED

ANNEX C TO HMAS DIAMANTINA LETTER  
C1/16/4 DATED 2ND NOVEMBER, 1977

SPORTS

12th October

CRICKET - DIAMANTINA 81 - PENGUIN 8 for 147

RESTRICTED



File Number

N 428	3	2566	
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DETAILS OF INFORMATION  
ANALYSIS

Security Classification

*Red*

\*NOTE: Please print all entries clearly.

REGISTRATION

Title *HMAS DIAMANTINA REPORT OF PROCEEDINGS  
OCTOBER 1977*

Mark to *PAS* (Name or Designation) *A.* (Location)

Cancel File No ..... and inform Movements Section.

Close File No .....

Cross reference this file with: .....

SUBJECT INDEX

Posting	Precis	Initials
<i>R 24.2</i>		

NAME INDEX

Heading	Precis	Initials
<i>HMAS DIAMANTINA</i>		

LOGGING

Originator	Originator's Reference	Date	Initials
<i>HMAS LEEUWIN</i>	<i>1. 16. 75</i>	<i>10, 11, 77</i>	

Information Classifier *[Signature]* (Signature) *17, 11, 77* (Date)



DEPARTMENT OF DEFENCE (NAVY OFFICE)

File: 428/3/2609

HMAS DIAMANTINA REPORT OF PROCEEDINGS NOVEMBER '77

~~DNO~~ *In refit. Shipped from 14 Nov. 1977.*

~~DCNS~~ *3/11*

~~CNS~~

~~DGNPP~~ *10/11*

~~CNORP~~

~~CNP~~ *12/1*

~~CNTS~~ *12/11*

~~DGLOG-N~~ *17/11*

~~CMM~~ *19/11* *DG Sop M psc note para 2 & 3 & follow up*

~~DGSUP-N~~ *Being actions separately re delays, etc.* *17/11*

~~PRLO-N~~ *Dsm-w 28/4*

~~IADMIN-N~~ *4/5*

*HISTORIAN*

- NOTES:
- A. This copy is circulated so that Heads of Division may see these reports soon after they reach Navy Office.
  - B. The report will be given again to Heads of Division with Director's comments if there is any matter of special interest in those comments.
  - C. Circulation lists numbers 2 and 3 are referred to Directors and Heads of Section.
  - D. If any matter requires comprehensive treatment or reference to another Branch a new file should be raised, a suitable note being made above.

*AB 23/12/77*





ROYAL AUSTRALIAN NAVY

TELEPHONE: 339 1522  
IN REPLY QUOTE 1/16/5 N

HMAS LEEUWIN  
P.O. BOX 58  
FREMANTLE WA 6160

13 DEC 1977

The Chief of Naval Staff  
Department of Defence (Navy Office)  
CANBERRA ACT 2600

For information: The Flag Officer Commanding  
East Australia Area

The Hydrographer  
Royal Australian Navy

Commanding Officer  
HMAS DIAMANTINA

HMAS DIAMANTINA - REPORT OF PROCEEDINGS FOR THE  
MONTH OF NOVEMBER, 1977

Reference: A. R.I. Appx 29 A.

1. Forwarded.
2. Contractual work will not be terminated on the original scheduled date of 8th January, 1978. However, the amended contractual work completion date of the 3rd February, 1978 could still be met.
3. To correct a misalignment of both shafts it will be necessary to delay the unslipping until the 30th December, 1977. This date will be achieved with the shaft teams working overtime and week-ends, and other work will be progressed while ship is slipped.

*N. A. Boase*  
(N. A. BOASE)  
COMMODORE

*dm* Encl:.

*DC NS - Bag A*







C1/16/4

HMAS DIAMANTINA  
at Fremantle.

1st December, 1977. +

The Naval Officer Commanding,  
WEST AUSTRALIA AREA

For Information:

The Flag Officer Commanding,  
HM AUSTRALIAN FLEET

The Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS  
NOVEMBER, 1977

Sir,

I have the honour to report the proceedings of  
HMAS DIAMANTINA for the month of November, 1977.

2. DIAMANTINA was secured starboard side to No. 1  
Berth North Quay, Fremantle at the beginning of the month.  
The ship was moved by tugs to F/G Berth Victoria Quay on  
Wednesday 2nd November, to No. 3 North Quay on Tuesday 8th  
November and onto the West Australian Public Works Depart-  
ment Slipway on Monday 14th November where she remained  
until the end of the month.

3. A pre refit meeting was held at HMAS LEEUWIN on  
Thursday 3rd November and DIAMANTINA commenced her annual  
refit on Monday 7th November. DIAMANTINA was due to be  
unslipped on Friday 2nd December however defects arising  
from the results of survey and planned maintenance have  
delayed the unslipping date by at least one week.  
Completion of items on the contractors work list is being  
delayed by lack of naval stores and in some cases by the  
naval stores supplied being different to those ordered  
and therefore incompatible with fitted equipment." These  
delays could result in the refit completion date not being  
met.

...../2

*DRB*



2.

3. The health morale and conduct of the ships  
company is very good.

I have the honour to be

Sir,

Your obedient Servant

ORIGINALLY SIGNED

BY

P. J. COOK — RUSSELL

(P.J. COOKE-RUSSELL.)

Lieutenant Commander, RAN  
COMMANDING OFFICER



ANNEX A TO  
HMAS DIAMANTINA  
LETTER C1/16/4 DATED  
1ST DECEMBER, 1977.

STEAMING RETURN

1. Hours underway during November 0  
Distance steamed during November 0  
Hours underway since commissioning 55,606.4  
22nd June, 1959  
Distance steamed since commissioning 526,414.5  
22nd June, 1959
2. The following:  
Hours underway 2,764.2  
Distance steamed 29,174.6  
were completed during DIAMANTINA's  
first commission and are not included at 1 above.
3. Adding the first commissioning  
totals to those at 1 in accordance  
with AFGO 0820 the following  
totals result:  
Hours underway since first commissioning 58,370.6  
Distance steamed since first commissioning 555,589.1



ANNEX B TO  
HMAS DIAMANTINA  
LETTER C1/16/4 DATED  
1ST DECEMBER, 1977.

OFFICERS MOVEMENTS

OUT

03NOV77 ASLT GLEX M.J. TRIPOVICH to HMAS VENDETTA.

13NOV77 LEUT SDSU S G.L. LEGGE to HMAS CERBERUS.



ANNEX C TO  
HMAS DIAMANTINA  
LETTER C1/16/4 DATED  
1ST DECEMBER, 1977.

SPORTS RESULTS FOR NOVEMBER, 1977

14NOV77 CRICKET MORESBY 3 - 64 DEFEATED DIAMANTINA 63  
30NOV77 CRICKET MORESBY 2 - 79 DEFEATED DIAMANTINA 78



File Number

N 428	3	2609	
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DETAILS OF INFORMATION  
ANALYSIS

Security Classification

U/C
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\*NOTE: Please print all entries clearly.

REGISTRATION

Title HMAS DIAMANTINA - REPORT OF PROCEEDINGS - NOVEMBER 1977

Mark to DCNS (Name or Designation) Bay A (Location)

Cancel File No \_\_\_\_\_ and inform Movements Section.

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Cross reference this file with: \_\_\_\_\_

SUBJECT INDEX

Posting	Precis	Initials
R24-2 (HMAS DIAMANTINA)		

NAME INDEX

Heading	Precis	Initials

LOGGING

Originator	Originator's Reference	Date	Initials
HMAS LEEUWIN	1/16/5 N	13/12/77	

Information Classifier

[Signature] (Signature) 20, 12, 77 (Date)



DEPARTMENT OF DEFENCE (NAVY OFFICE)

File: 428/3/2657.

HMAS

DIAMANTINA

REPORT OF PROCEEDINGS

DEC 1977

~~DNO~~ In report in Fremantle p. 26/1

~~DCNS~~ 2/11

~~CNS~~

~~DGNPP~~ 2/2

~~CNORP~~ 2/2/78

~~CNP~~

~~CNFS~~ 2/2

~~DGLOG-N~~ 10/2

~~CNM~~ 1/2

~~DGSUP-N~~ 2/2

~~PRLO-N~~ 10/2

~~IADMIN-N~~ 1/2

~~HISTORIAN~~

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ROYAL AUSTRALIAN NAVY

TELEPHONE: 339 1522  
IN REPLY QUOTE 1/16/5

HMAS LEEUWIN  
P.O. BOX 58  
FREMANTLE WA 6160

10 JAN 1978

Department of Defence (Navy Office)  
CANBERRA ACT 2600

Attention: The Chief of Naval Staff

For information: The Flag Officer Commanding  
HM Australian Fleet

The Hydrographer  
Royal Australian Navy

Commanding Officer  
HMAS DIAMANTINA.

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - DECEMBER, 1977

Reference: A. R.I. Appx 29 A.

1. Forwarded.

*N. A. Boase*  
(N. A. BOASE)  
COMMODORE

Encl.

*ocms - Bldg A*

RECEIVED  
DEPT OF DEFENCE  
12 13 78



New

HMAS DIAMANTINA. MK

RECEIVED

JAN 13 15 13 '78

DEPT. OF DEFENCE  
INFORMATION ANALYSIS  
CENTRE

SECRET

COMPTON  
(M. V. BOYSE)

*[Handwritten signature]*

1. Enclosed

Reference: V. B. I. vbx 58 V.

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - DECEMBER 1977

HMAS DIAMANTINA  
COMMERCIAL OFFICE

ROYAL AUSTRALIAN NAVY  
THE HULLHOUSE

For information: The VICE OFFICE COMMERCIAL

Attention: THE OFFICE OF NAVAL STAFF

Canberra ACT 2600  
Department of Defence (Naval Office)

REG. MAIL 01

IN THIS CASE 11/10/78  
ATTENTION 228 1255

ENVELOPE NO 2120  
P.O. BOX 28  
HMAS GERRARD

ROYAL AUSTRALIAN NAVY





C1/16/4

HMAS DIAMANTINA  
at Fremantle.

3rd January, 1978

The Naval Officer Commanding,  
WEST AUSTRALIA AREA

For Information:

The Flag Officer Commanding,  
HM AUSTRALIAN FLEET

The Hydrographer, RAN

HMAS DIAMANTINA - REPORT OF PROCEEDINGS - DECEMBER, 1977

Sir,

I have the honour to report the proceedings of  
HMAS DIAMANTINA for the month of December, 1977.

2. DIAMANTINA was on the West Australia Public Works  
Department Slipway at the commencement of the month. The  
original unslipping date of the 2nd December was not met  
and the ship remained on the slip until 30th December.  
She unslipped and moved by tugs to 3 Berth North Quay where  
she remained until the end of the month.

3. The refit is progressing satisfactorily and the  
new contract work completion date of 3rd February will be  
met if present progress continues.

4. The health, conduct and morale of the Ship's  
Company are very good.

I have the honour to be

Sir,

your obedient servant



(J.H. DURRANT.)  
Lieutenant, RAN

for COMMANDING OFFICER (AOL)



ANNEX A to  
HMAS DIAMANTINA letter  
C1/16/4 dated  
3rd January, 1978

STEAMING RETURN

1.	Hours underway during December	Nil
2.	Distance steamed during December	Nil
3.	Hours underway since first commissioning	58,370.6
4.	Distance steamed since first commissioning	555,589.1



ANNEX B to  
HMAS DIAMANTINA letter  
C1/16/4 dated  
3rd January, 1978

OFFICERS MOVEMENTS

IN

09DEC77 LEUT SDEX PR J.H. DURRANT from HMAS MORETON  
19DEC77 LEUT GLSU S.A. SMITH from HMAS CERBERUS

OUT

11DEC77 MIDN D.S. PLUMMER to HMAS STALWART



ANNEX C to  
HMAS DIAMANTINA letter  
C1/16/4 dated  
3rd January, 1978

SPORTS RETURN

9th December

MINI ATHLETICS - HMAS DIAMANTINA, HMAS PERTH, HMAS SWAN,  
HMAS LEEUWIN, HMAS MORESBY, HMS TIGER.  
Winner HMAS SWAN on count back from HMAS DIAMANTINA

4th December

CRICKET - WANNEROO 140 Defeated DIAMANTINA 128

16th December

CRICKET - MORESBY 87 Defeated DIAMANTINA 85

23rd December

CRICKET - DIAMANTINA 87 Defeated MORESBY 84



File Number

N 428	3	2657	
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DETAILS OF INFORMATION  
ANALYSIS

Security Classification

REST'D

\*NOTE: Please print all entries clearly.

REGISTRATION

Title HMAS DIAMANTINA - REPORT OF PROCEEDINGS -  
DECEMBER 1977

Mark to DCNS (Name or Designation) Blk A (Location)

Cancel File No ..... and inform Movements Section.

Close File No .....

Cross reference this file with: .....

SUBJECT INDEX

Posting	Precis	Initials
R24.2 (HMAS DIAMANTINA)		

NAME INDEX

Heading	Precis	Initials

LOGGING

Originator	Originator's Reference	Date	Initials
HMAS KEEWIN WA	1/16/5.	10, 1, 78	

Information Classifier

Donnel (Signature) 16, 1, 78 (Date)



ALWM 78.