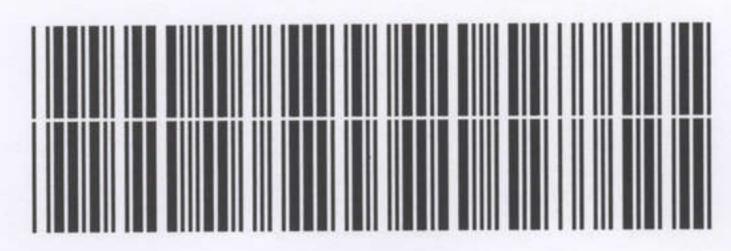
AWM78

Reports of Proceedings, HMA Ships and Establishments

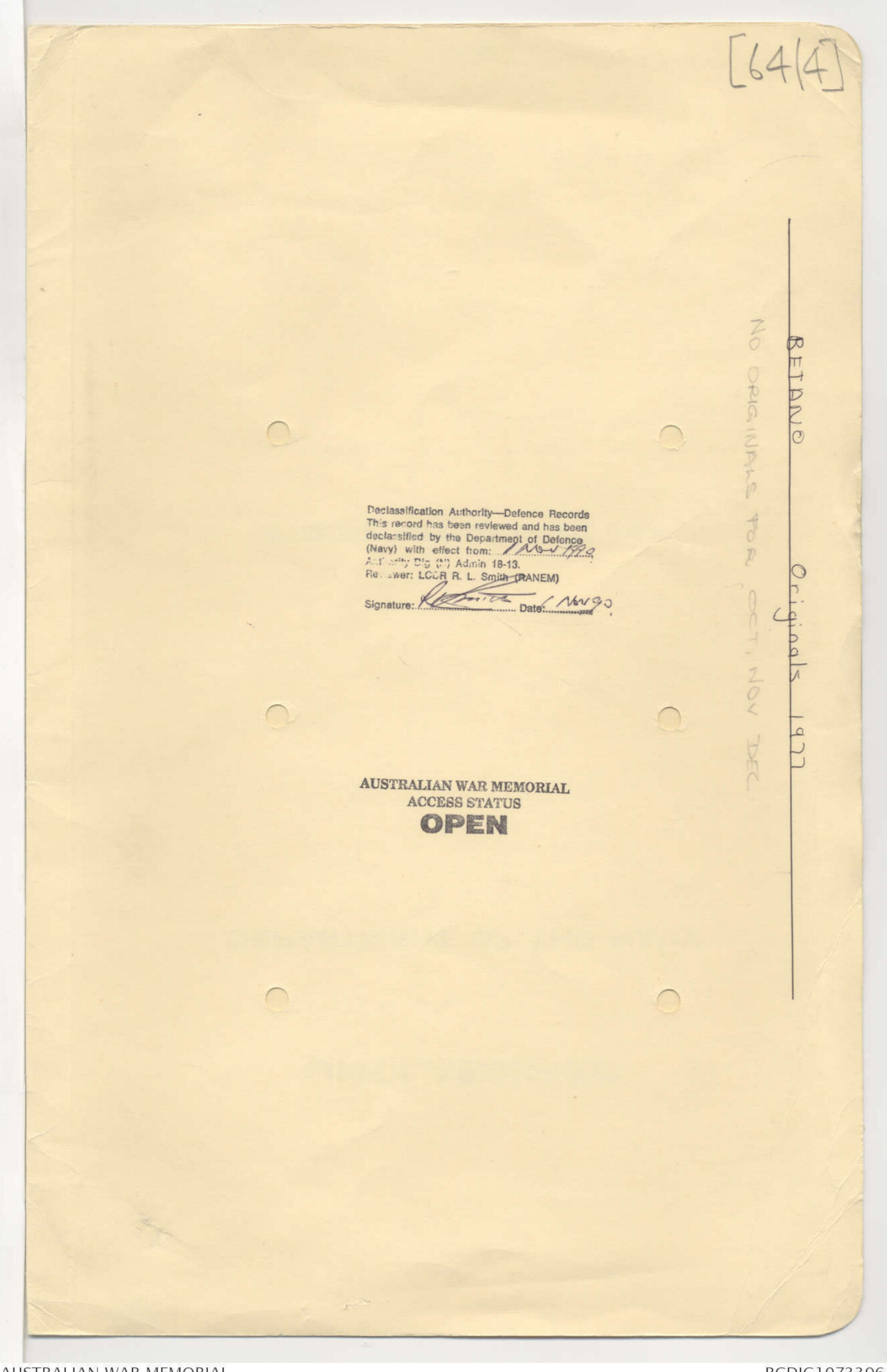
HMAS BETANO

Item number: 64/4

Title: January-December 1977



AWM78-64/4



FILE: 428/3/2080

DEPARTMENT OF DEFENCE (NAVY OFFICE)

HMAS	BETANO	REPORT OF PROCEEDINGS JANUARY 197
CNT CNT S DGLOG-N CNT S DGSUP N PRIO-N	seried sei he Bristane Juning he month J. 30/21 34/3 A Jan 14	area + carried out practice heartujo

- 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.

X630/3/1



DEPARTMENT OF THE EXAMPLE VALUE DEFENCE

TELEPHONE:

2262600

IN REPLY QUOTE

B1/16/33

Naval Staff Office Watkins Place Edward Street Box 1416 GPO BRISBANE. 4001.

1 4 MAR 1977

Department of Defence (Navy Office)
Russell Offices
CANBERRA. ACT 2600

Attention: Deputy Chief of Naval Staff

HMAS BETANO REPORT OF PROCEEDINGS - JANUARY 1977

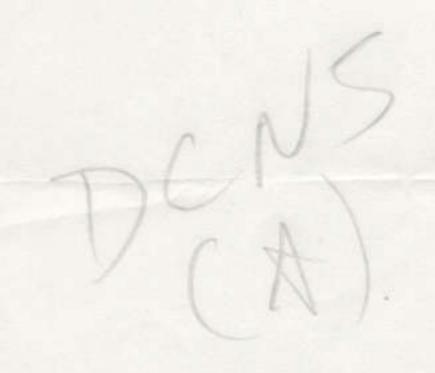
The enclosures are forwarded in accordance with RI Appendix 29A.

(DAVID NICHOLLS)
Captain OBE RAN

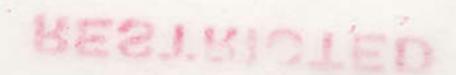
Naval Officer Commanding

Queensland

Enclosure: HMAS BETANO letter B1/16/33 dated 3 February 1977



MAR 15 12 25 17 DEPT.O. TENCE INFORMATION ANALYSIS CENTRE



DELENCE DEPARTMENT OF THE THE PROPERTY.

2262600

IN REPLY QUOTE

B1/16/33

BRISBANE, 4001, Box 1416 GPO Edward Street Watkins Place Haval Staff Office

CAMBERRA, ACT 2600 Russell Offices Department of Defence (Mavy Office)

Attention: Deputy Chief of Maval Staff

HMAS BETANO REPORT OF PROCEEDINGS - JANUARY 1977

The enclosures are forwarded in accordance with RI Appendix 29A.

Queenaland Mayal Officer Commending Captain OBE RAN (DAVID MICHOLLS) mulustell

Enclosure: HMAS BETANO letter B1/16/33 dated 3 February 1977

MAR 15 15 25 377 DEPT. OF SPENCE INFORMATION ANALYSIS CENTRE

MOM: HECEIVED BETANO MR

at Sea

3 February 1977

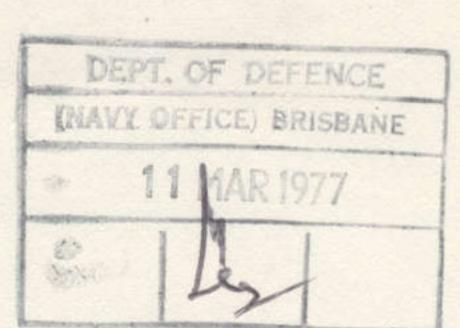
1-16-1

The Naval Officer Commanding Queensland.

For Information:

The Flag Officer Commanding H.M. Australian Fleet

The Commander, First Australian Landing Craft Squadron.



HMAS BUTANO - REFORT OF PROCEEDINGS JANUARY 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship under my command for the month of January 1977.
- 2. At 0001 Saturday January 1st, BETANO was alongside at HMAS MORETON undergoing a self maintenance and leave period.
- At 0735 Thursday 6th BETANO cast off and proceeded downriver to Tangalooma beach in Moreton Bay for a families day. On completion of lunch and sporting activities at 1415, BETANO retracted and proceeded to HMAS MORETON securing at 1736. A pleasant and interesting day was had by the fiftyone guests that were onboard for the day.
- At 0900 Wednesday 12 January, BETANO cast off and proceeded to Bulimba hard to carry out practice beachings as training for the five new members of the ship's company. During the forenoon the Port alternator overheated and on investigation was found to have a major electrical fault requiring a replacement alternator to be fitted (URDEF 80/76 refers). The ship secured alongside in No. 6 berth at HMAS MORETON at 1140 remaining alongside until Thursday 13 January.
- 5. At 1400 Thursday moved to alongside in No. 5 berth to enable replacement alternator to be fitted. BETANO remained alongside at 8 hours notice for sea until 2359 Monday 31 January 1977.

..../2

TECHNICAL

6. The Port Alternator was replaced URDEF 80/76. All planned maintenance programs are up to date.

GENERAL

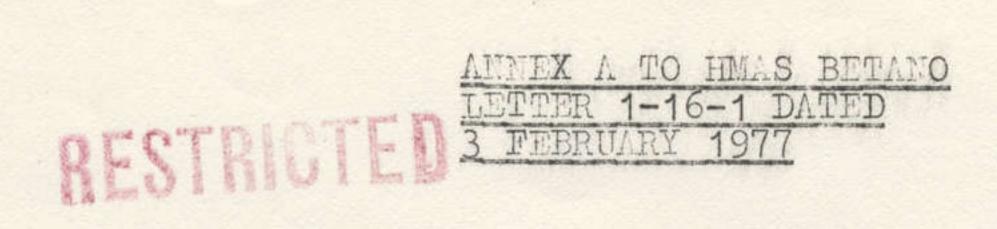
7. The health and welfare of the ship's company is good and their morale remains excellent. The entire ship's company are looking forward to the visit to Singapore in May. CPOMTP3 I. Goulding joined on 4th January and has assumed the duties of Charge Engineer.

I have the honour to be Sir Your obedient Servant

G.R. RICHTER)
Lieutenant, RAN
Commanding Officer AoL.

Enclosures: Annex A - Steaming Report
Annex B - Exercise and Evolutions Report

HESTRICTED



STEMMING REPORT

1.	Miles steamed this month	70.00
2.	Total miles steamed since commissioning	40543.4
3.	Hours underway this month	10 40/60
4.	Total hours underway since commissioning	4889.0



EXERCISE AND EVOLUTIONS REFORT

SEAMANSHIP

12 Jan

Tractice alengside.

COXI XO

MBCD

4 Jan

Fire Drill Exercised

7 Jan

17 77

12 Jan

93 97 27

28 Jan

97 27

BEACHING

f Jan

Tangalooma

12 Jan

Bulimba

Total since commissioning

186

DECTRICATION

9	A	R	5	
8	14	0	75	

Department of Defence

Folio
1

U 428

3

File Number

2080

DETAILS OF INFORMATION ANALYSIS

Rest D

Mark to	*NOTE: Please print all entri	clearly.	
Mark to DCNS (Name or Designation) Cancel File No	REGISTRATION		
Mark to DCNS (Name or Designation) (Location) Cancel File No and inform Movements Section. Close File No Subject INDEX Posting Precis Initial Initial Precis Initial Pre	PROC	ERDINGS - JANUARY 1977	
Close File No	Mark to DCA	5	
Cross reference this file with: SUBJECT INDEX Posting Precis Initia NAME INDEX Heading Precis Initia	Cancel File No	and inform Movements Section.	
SUBJECT INDEX Posting Precis Initia NAME INDEX Heading Precis Initia HOP - Jan > 7	Close File No		
SUBJECT INDEX Posting Precis Initia NAME INDEX Heading Precis Initia	Cross reference this file with:		
Posting Precis Initia NAME INDEX Heading Precis Initia		***************************************	
Posting Precis Initia NAME INDEX Heading Precis Initia	SUBJECT INDEX		
NAME INDEX Heading Precis Initi HMAS BETANO ROP - JAN 77		Precis	Initials
NAME INDEX Heading Precis Initi HMAS BETANO ROP - JAN 77			
NAME INDEX Heading Precis Initi HMAS BETANO ROP - JAN 77			
NAME INDEX Heading Precis Initi HMAS BETANO ROP - JAN 77			
NAME INDEX Heading Precis Initi HMAS BETANO ROP - JAN 77		***************************************	
NAME INDEX Heading Precis Initi HMAS BETANO ROP - JAN 77		***************************************	
NAME INDEX Heading Precis Initi HMAS BETANO ROP - JAN 77		***************************************	
NAME INDEX Heading Precis Initi HMAS BETAVO ROP - JAN 77			
Heading Precis Initi HMAS BETANO ROP-JAN 77		***************************************	
HMAS BETANO ROP-JAN77	NAME INDEX		
	Heading	Precis	Initials
	HMAR BE	-AND RAP-TANJO	
LOGGING	LOGGING		
Originator Originator's Reference Date Initials		Originator's Reference Date	Initials
NOC QUD. B1/10/33 14,377	NOC Q	D. B1/10/33 14/3/	77.

(Signature)

FILE: 428/3/ 2/16

DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS	BETANO	REI	PORT OF PROCEEDING	S FEBRUARY 1977
DNO	Report covers vis	is to Saften	Ballina, Graffont	Coffs Hantown & 13/4
DGNOE	DA			V
DCMS				
CNS 1	8 /4 GR G19/4			
DGLOS	94 N			
CNM	26/4			
PRLO	で ころ ・			
IADMI	N-AS 30/5			

- 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.

18/3/4/N



DEPARTMENT OF THEXINAXXY DEFENCE

TELEPHONE:

2262600

IN REPLY QUOTE B1/16/33

Naval Staff Office Watkins Place Edward Street Box 1416 GPO BRISBANE. 4001. 23 MAR 1977

Department of Defence (Navy Office)
Russell Offices
CANBERRA. ACT 2600

Attention: Deputy Chief of Naval Staff

HMAS BETANO REPORT OF PROCEEDINGS FEBRUARY 1977

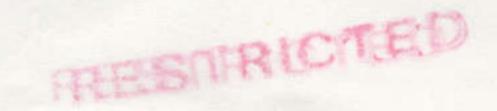
The enclosures are forwarded in accordance with RI Appendix 29A.

(DAVID NICHOLLS)
Captain OBE RAN

Naval Officer Commanding

Queensland

Enclosure: HMAS BETANO letter 1/16/1 dated 4 March 1977.



HMAS BETANO at Brisbane

4th March, 1977

1-16-1

The Naval Officer Commanding Queensland

For Information:

The Flag Officer Commanding H.M. Australian Fleet

The Commander First Australian Landing Craft Squadron

HMAS BETANO - REFORT OF PROCEEDINGS FEBRUARY 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship under my command for the month of February 1977.
- 2. At 0001, Tuesday 1st February, BETANO was alongside at HMAS MORETON.
- 3. At 0900, BETANO cast off and proceeded downriver to Moreton Bay, to carry out seamanship evolutions. This was to enable the five new members of the ship's company to gain experience in tasks they had not before attempted.
- 4. The ashes of the late Mr. Robert Campbell Goldfinch were scattered at 1100 in position 27° 23' South 151° 17' East.
- proceeded via the Rous Channel to Amity Point. The ship anchored off Amity Point at 1235. Action, Emergency and Leaving ship stations were exercised during the afternoon. As well Boat Drills were exercised and the Fire and Damage Control Parties were mustered and drilled. At 1610 BETANO weighed and sailed for Ballina.
- 6. Clocks were advanced at 2330(K) to 0030(L) Wednesday 2nd February.
- 7. The passage south was uneventful and at 0750 BETANO crossed the bar into Ballina Harbour. The ship secured alongside the Returned Services League Club of Ballina's Wharf at 0823, remaining alongside for a visit until Friday 4th February.

..../2

- 8. At 0700 BETANO cast off and sailed for Grafton.
- 9. The ship hove to, off Yamba Bar at 1120, to embark the pilot, who was to guide the ship up the Clarence River to Grafton. Due to the sea state at the time, (Force 5 winds and a ten foot North Easterly swell) this idea was abandoned. At 1130 BETANO followed the pilot vessel across the bar and into the Clarence River. After reaching calm water, the pilot was transferred to BETANO at 1145.
- 10. The passage upriver was slow, due to the necessity to come to slow ahead for the many shallow patches encountered. BETANO passed under the raised span of the Harwood Bridge at 1300 and continued upriver to Grafton.
- 11. It is doubtful if a vessel of any greater draught than an LCH could transit the Clarence River past Harwood. A large amount of silting has occurred since dredging operations ceased and even the lower reaches of the river are becoming very shallow.
- 12. At 1600 BETANO anchored half a mile downstream from the Grafton Bridge. The Commanding Officer and the pilot departed in the ship's boat at 1610. The Commanding Officer returned at 1645 and BETANO weighed and proceeded to the Fry Street Hard, where the ship beached and secured at 1715. BETANO remained beached until Monday 7th February.
- 13. At 1830 Friday, 4th February, the Commanding Officer, Officers and Senior Sailors hosted a Cocktail Party, held onboard, for the Mayor of Grafton and thirty other residents of the Grafton area.
- 14. Although the ship was not officially open to visitors, approximately 300 people were shown over BETANO on Saturday 6th and Sunday 7th February. Indeed, the amount of interest shown by the people to the visit of a warship to their city was gratifying and the visit is considered a success in terms of public relations.
- 15. At 1000 Monday, 7th February, BETANO retracted and proceeded downriver to Harwood, arriving at 1325. At 1330 BETANO beached at an old ferry hard on the northern bank of the Clarence River. A beach survey was then conducted in the ship's boat, of all the hards on both the north and south banks of the river.
- 16. The ship retracted at 1450 and proceeded under the Harwood Brige at 1500. An uneventful passage of the Clarence River was completed at 1605 when BETANO crossed Yamba Bar and sailed for Coffs Harbour.
- 17. At 0001 Tuesday, 8th February, it was noted in the Ship's Log that BETANO was commissioned on this day in 1974.

RESTRICTED

..../3

- 18. BETANO anchored in Coffs Harbour at 0800. The Commanding Officer proceeded ashore to call on the Harbour Master at 0815. At 0930 the Commanding Officer returned and anchor was weighed. At 1000, the ship proceeded to the inner boat harbour, securing starboard side to the Concrete Wharf at 1035. BETANO remained alongside for a visit, until Thursday 10th February.
- 19. At 0904 BETANO cast off and sailed from Coffs Harbour for Brisbane. During the passage north a small arms familiarisation firing was carried out, for the benefit of the new members of the ship's company.
- 20. At 1830(L) clocks were retarded to 1730(K).
- 21. On Friday, 11th February, at 0930 EFTANO secured alongside HMAS MORETON at No. 2 berth at 8 hours notice for sea.
- 22. At 1600 BETANO reverted to an "out of routine" status and to 47 hours notice for sea. This was to enable the ship to undergo an assisted maintenance and leave period.
- 23. At 0800 Monday, 28th February, I assumed the duties of Commanding Officer while LEUT G.R. Richter, RAN, is absent on leave.

TECHNICAL

24. There are no outstanding defects and all planned maintenance programmes are up to date.

GENTERAL

25. The health and welfare of the ship's company is good and their morale continues to be high. Most outstanding leave is being taken during the assisted mainten-nce period.

> I have be honour to be Sir. Your a medient Servent

(J.A. FALLON) Lieutenant, RAN Commanding Officer

Enclosures: Ann. A - Steaming Report Annex B - Exercise and Evolutions Report

ANNEX A TO HMAS BETANO LETTER 1-16-1 DATED 4th MARCH, 1977

STEAMING REPORT

1.	Miles steamed this month	576.4
2.	Total miles steamed since commissioning	41119.8
3.	Hours underway this month	65
4.	Total hours underway since commissioning	4954

RESTRICTED ANNEX B TO HMAS BETANO LETTER 1-16-1 DATED 4th MARCH 1977

EXERCISE AND EVOLUTIONS REPORT

SEAMANSHIP

1 Feb Anchorage Evolutions

1 Feb Boat Drills

MBCD

Damage Control Drills 1 Feb

1 Feb Fire Drills Exercised

1 Feb Action, Emergency and Leaving Ship

Stations exercised

3 Feb Fire Drills Exercised

6 Feb Fire Drills Exercised

14 Feb Fire Drills Exercised

23 Feb Fire Drills Exercised

28 Feb Fire Drills Exercised

GUNNERY

10 Feb Small Arms Firing

PEACHINGS

4 Feb Grafton

7 Feb Hasticod

Total since commissioning 178

AR	5
(19	

Department	t of Defence
------------	--------------

Folio	
1	

File Number

N428	3

3

2116

DETAILS OF INFORMATION Security Classification **ANALYSIS** Resmited * NOTE: Please print all entries clearly. REGISTRATION AMAS, BETANO" Report of proceedings - February 1977 (Name or Designation) (Location) Cancel File No and inform Movements Section. Cross reference this file with: SUBJECT INDEX Precis Initials Posting NAME INDEX Heading Precis Initials LOGGING Originator's Reference Initials Originator Date Information Classifier (Signature) (Date)

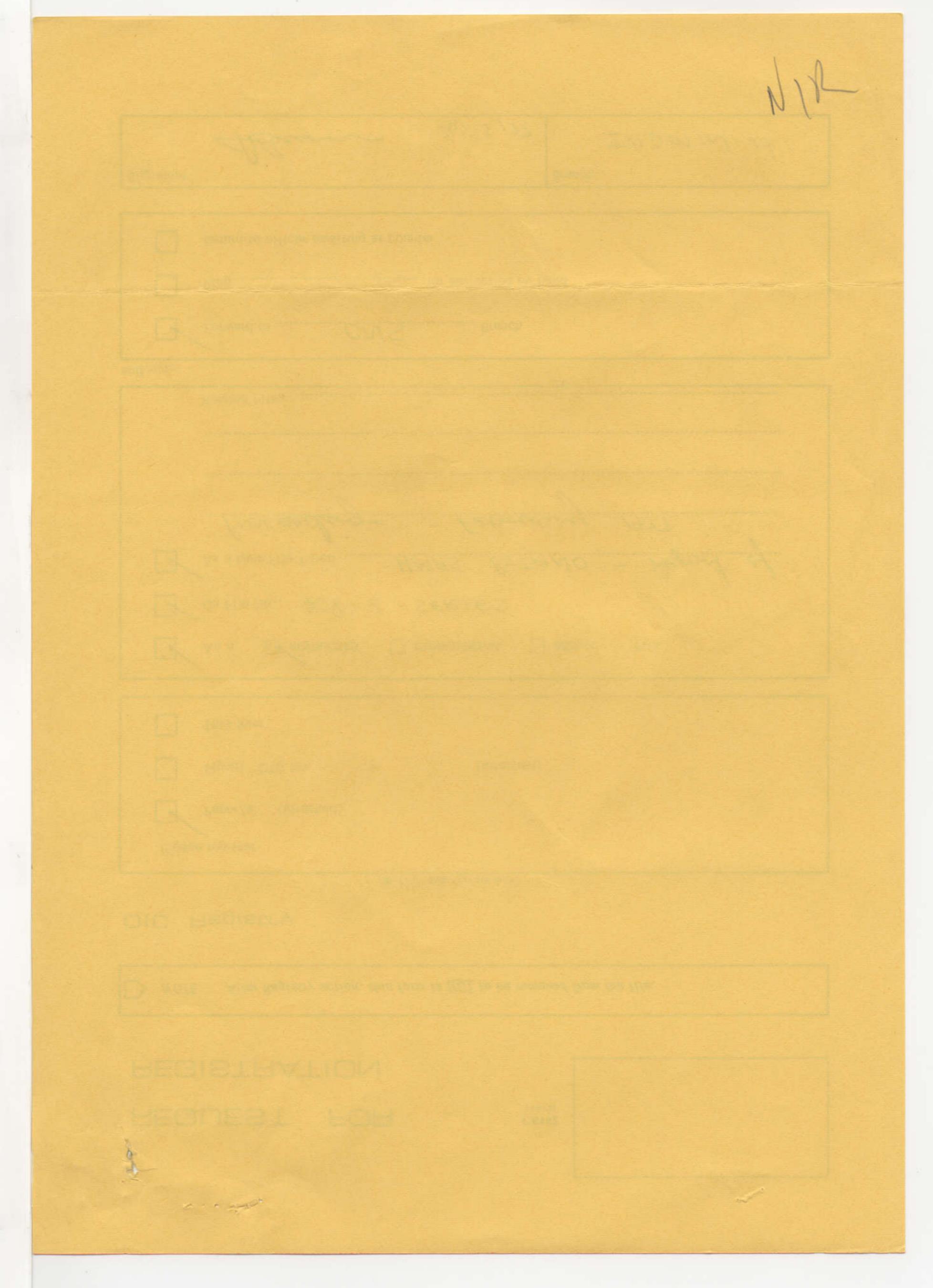
CR142 REQUEST FOR (1973)REGISTRATION After Registry action, this form is NOT to be removed from the file. NOTE: Registry OIC (Tick appropriate box) Please register Paper/s (attached) Signal DTG No. (attached) This form As a RESTRICTED CONFIDENTIAL SECRET File On File No. 428/3/SERIES As a New File Titled HMAS BETANO - Report of Proceedings - February 1977 Related Files and Forward to ______ Branch Ring for collection by hand Return to officer awaiting at counter Signature Branch

301 3 177

AUSTRALIAN WAR MEMORIAL

RCDIG1073396

IADMIN-A



FILE: 428/3/2/69

DEPARTMENT OF DEFENCE

(NAVY OFFICE)

- 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.

Mo ukh



DEPARTMENT OF THECKNAWY DEFENCE

TELEPHONE:

2262600

IN REPLY QUOTE B1/16/33

Naval Staff Office Box 1416 GPO BRISBANE. Q. 4001.

2 7 APR 1977

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

For Attention: The Deputy Chief of Naval Staff

For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET.

HMAS BETANO REPORT OF PROCEEDINGS MARCH 1977

The enclosures are forwarded in accordance with RI Appendix 29A.

(P.H. JAMES)

Captain, RAN

Naval Officer Commanding

Queensland.

Enclosure:

HMAS BETANO letter 1/16/1 of 18 Apr 1977 (2 copies)

CENTRE INFORMATION ANALYSIS DEPT. OF DEFENCE DECTRACA



DEPARTMENT OF EMECANAMY DEFENCE

TELEPHONE.

2262600

III REPLY QUOTE B1/16/33

Naval Staff Office Box 1416 GPO BRISBAME, Q. 4001.

2 7 APR 1977

Department of Defence (Navy Office) Russell Offices

CAMBERRA, A.C.T. 2600.

For Attention: The Deputy Chief of Naval Staff

For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET.

HMAS BETANO REPORT OF PROCEEDINGS MARCH 1977

1. The enclosures are forwarded in accordance with RI Appendix 29A.

(P.H. GAMES)
Captain, RAN
Naval Officer Commanding
Queensland.

Enclosure: 1. HMAS BETANO letter 1/16/1 of 18 Apr 1977 (2 copies)

20(6)

MAY 3 13 53 '77
DEPT.OF DEFENCE
INFORMATION ANALYSIS
CENTRE

R24.2 NR RECEIVED

NOM: HMAS BETANO N/R

HMAS BETANO at Sydney

18th April, 1977

1-16-1

The Naval Officer Commanding Queensland

For Information:

The Flag Officer Commanding H.M. Australian Fleet.

The Commander, First Australian Landing Craft Squadron.

HMAS BETANO - REPORT OF PROCEEDINGS MARCH 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship under my command for the month of March 1977.
- 2. At 0001, Tuesday 1st March, BETANO was alongside at HMAS MORETON undergoing an assisted maintenance and leave period; remaining alongside in an out of routine basis until Monday, 14th March.
- 3. At 0854 Thursday, BFTANO slipped and proceeded to Moreton Bay for a two day shakedown prior to deployment. Beaching practice was conducted at Bulimba hard and at 1100 a series of shakedown exercises were commenced. The ship anchored overnight at Tangalooma using a three point mooring method where landing and boarding party exercises were carried out.
- 4. At 0612 Friday, the ship weighed and proceeded to along-side HMAS MORETON remaining at eight hours notice until Wednesday 30th March. This period alongside was used for storing ship, repairing minor defects and preparing for deployment.
- 5. At 0832 Wednesday, 30th March, BITANO slipped and proceeded alongside Dalgety's to load a small cargo of return stores and ammunition for Sydney.
- 6. At 0921 the ship slipped and proceeded from Dalgety's Wharf to Sydney via the Rous channel. The voyage south was uneventful and the opportunity was taken to carry out small arms firing and to complete outstanding upper deck maintenance.

RESTRICTED

..../2

7. At 2359, Thursday 31st March BETANO was at sea in a position approximately 40 miles north of Sydney.

TECHNICAL

- 8. There are no outstanding defects and planned maintenance programmes are progressing satisfactorily.
- 9. The health and welfare of the ship's company remains good and all personnel are looking forward to our deployment, and time in Singapore.

I have the honour to be

Sir, Your obedient Servant

(G.R. RICHTER)

Lieutenant, RAN Commanding Officer

Anner: A - Steaming Report

B - Exercise and Evolutions Report C - Cargo Return (COMAUSLANCRON ONE only)

ANNEX A TO 1-16-1 DATED 18 APR 77

STEAMING REPORT

1.	Miles steamed this month	483
2.	Total miles steamed since commissioning	4 1602.8
3.	Hours underway this month	61
4.	Total hours underway since commissioning	5015

ANNEX B TO 1-16-1 DATED 18 APR 77

EXERCISE AND EVOLUTIONS REPORT

SEAMANSHIP

17 Mar Boarding and Landing Party Boat Drills

17 Mar 3 Point Mooring Method Anchorage

17 Mar Manoverboard Drills

31 Mar Manoverboard Prills

MBCD

10 Mar Fire Drill Exercised

17 Mar Fire Drills Excreised using training smoke canisters and breathing equipment.

18 Mar Fire Drills Exercised using training smoke canisters and breathing equipment.

30 Mar Nightime Fire Drill Exercise carried out Tank Deck

31 Mar Fire Drill Exercised

GUNNERY

17 Mar Small Arms Demonstration

17 Mar Boarding Party Exercised

17 Mar Landing Party Exercised

MISCELLANTOUS EXERCISE

17 Mar Pyrotechnics Demonstration

30 Mar Action Stations

31 Mar Action Stations

BEACHINGS

17 Mar Bulimba - 2

Tangalooma - 3

Total since Commissioning - 183

BESTRICTED

- 2 -

MUDICAL

15 Mar Lecture by Staff HMAS MORETON

17 Mar Exercised Medical Team

31 Mar Exercised Medical Team

RADIO

17 Mar Demonstration of Solas Emergency Radio equipment and Sarbe Beacon.

AR 5		
(1975)	3	

De	nar	tme	nt	of	Det	ence
00	Du.	CHIC		01	001	01100

Folio
1

Fi	le	N	u	m	b	e	r
----	----	---	---	---	---	---	---

N 428

3

2169

DETAILS OF INFORMATION Security Classification **ANALYSIS** RESTRICTED * NOTE: Please print all entries clearly. REGISTRATION BETANO REPORT OF PROCEEDINGS (Name or Designation) (Location) Cancel File No and inform Movements Section. Close File No Cross reference this file with: SUBJECT INDEX Precis Initials Posting NAME INDEX Heading Precis Initials LOGGING Originator's Reference Initials Date Originator Information Classifier (Signature) (Date)

FILE: 428/3/2276.

DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS BETANO.

REPORT OF PROCEEDINGS APRIL 77.

DNO Passage to Singapore with 164 patrol toats emtanted via

DCNS

CNS CAGS

DGLOGN

DGSUP-10 14/7

PRLO-N

IADMIN-N AB 26 /7

- 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.



RESTRICTED

DEPARTMENT OF THE CE

TELEPHONE:

2262600

IN REPLY QUOTE

B1/16/33

Naval Headquarters
Box 1416 GPO
BRISBANE. 4001.

= 3 JUN 1977

Department of Defence (Navy Office)
Russell Offices
CANBERRA. ACT 2600

Attention: Deputy Chief of Naval Staff

For Information

The Flag Officer Commanding HM AUSTRALIAN FLEET

LOGGEDI

N428-3-2276

HMAS BETANO REPORT OF PROCEEDINGS APRIL 1977

The enclosures are forwarded in accordance with RI Appendix 29A.

(P.H. JAMES)

Captain RAN

Naval Officer Commanding

Queensland.

0

Enclosures: HMAS BETANO letter 1/16/1 of 1 May 1977 (2 copies)

DCN9 (A) JUM 6 15 58 '77

DEPT.OF EFENCE
INFORMATION ANALYSIS

RESTRICTED

RESIMICAED RESTRICTED

DEPARTMENT OF THE N

NU28 3-2276

2262600

B1/16/33

BRISBANE. 4001. Box 1416 GPO Haval Headquarters

CAMBERRA. ACT 2600 Enssell Offices Department of Defence (Mavy Office)

Attention: Deputy Chief of Maval Staff

For information

HA AUSTRALIAN PLEET The Flag Officer Commanding

MINS BETANO REPORT OF PROCESUINGS APRIL 1977

The enclosures are forwarded On accordance with RI Appendix 29A.

Captain RAM (P.H. JAMES

Mayal Officer Commanding

Queensland,

HMAS BETANO letter 1/16/1 of 1 May 1977 (2 copies)

JUN 6 15 58 '77 DEPT. OF DEFENCE INFORMATION ANALYSIS CENTRE

NOM: HEGENED BETANONR

358 3911 1/16/1

HMAS BETANO AT BENOI SINGAPORE.

01 May 77

The Naval Officer Commanding QUEENSLAND.

For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET.

The Commander FIRST AUSTRALIAN LANDING CRAFT SQUADRON.

The Commanding Officer HMAS WATERHEN.

HMAS BETANO - REPORT OF PROCEEDINGS APRIL 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship under my command for the month of April 1977.
- 2. All times are local. At 0001 Friday 1 April, BETANO was at sea approximately 40 miles North East of Sydney enroute to HMAS WATERHEN securing alongside the Minesweeper wharf at 0330.
- 3. At 0900 Monday 4 April the cargo of ammunition and empty ammunition boxes was unloaded and the remainder of the day was used to mark out and prepare the tank deck for the 16 meter patrol boat cradles.
- At 0803 Tuesday 5th, BETANO cast off and proceeded for Woolwich to embark the patrol boats using the floating crane "FALCON". The loading was completed at 1430 and after temporary lashings were provided, the Ship returned to HNAS WATERHEN securing alongside at 1538.
- 5. During the next four days the boats on deck were repaired, cleaned and secured using both chains and shoring.
- 6. At 1201 Saturday 9 April BETANO cast off and proceeded for Cairns. Due to inclement weather, however, BETANO diverted to Newcastle arriving at 1945.

12 ...

- 7. At 0730 Monday 11 April BETANO cast off and proceeded for Cairns.
- At 1145 a half sunken small boat was sighted in a position 5 miles south west of Sugarloaf point and an attempt to recover it was made. The outboard motor was recovered but the boat foundered during the operation and course and speed was resumed at 1255. The passage north was uneventful until 0900 Friday 15th when the water pump on the port main engine failed resulting in overheating and the engine was stopped (URDEF 81/76 refers).
- 9. At 0935 Saturday BETANO secured alongside No. 6 wharf at Cairns to await the arrival of main engine spares.
- 10. Repairs to the engine were completed at 2300 Sunday 17th and the ship sailed from Cairns for Darwin. Small arms firings and internal ship exercises were carried out during the passage.
- 11. At 1716 Friday 22 April, BETANO secured alongside No. 2 Stokes Hill wharf and remained alongside until Tuesday.
- 12. At 1132 Tuesday 26 April the Ship sailed for Singapore via the Wetar and Caramata Strait and, at the end of the period, was north of Madura Island in Indonesia enroute to Singapore.
- 13. Technical. There are no outstanding defects and planned maintenance schedules are progressing satisfactorily. Repairs to the Fort Main Engine were completed in Cairns (URDEF 81/76 refers).
- 14. General. The health and welfare of the Ship's Company is good and morale is high.

I have the honour to be,

Sir,

Your obedient servant,

(G.R. RICHTER)

Lieutenant, RAN

Commanding Officer

Annex: A. Steaming Report

- B. Exercises and Evolutions Report
- C. Cargo Return (COMAUSLANCRON ONE only)

ANNEX A TO

1/16/1
DATED MAY 77

STEAMING REPORT

1.	Total miles steamed this month	3602.6
2.	Total miles steamed since commissioning	45205.4
3.	Hours underway this month	319.9
4.	Hours underway since commissioning	5334.9

AMMEX B TO

1/16/1
DATED MAY 77

EXERCISE AND EVOLUTIONS REPORT

- 1. Seamanship
 - a. 11 April Boat recovery attempt
 - b. 13 April Manoverboard drills
- 2. NBCD
- a. 13 April Fire and damage control drills
- b. 18 April Night-time fire drill exercise
- 3. Gunnery
 - a. 18 April Small arms familiarisation and firing
- 4. Beachings
 - a. Total since commissioning 183

AR 5 (1975)	Department of Defence			Folio
(1373)		File Numb	er	
	1 728	3	2276	
DETAILS OF INFORMATI	ON	Sec	urity Classification	
ANALYSIS		K	111	
			cer.	
* NOTE: Please print all entries clearly	1.			
REGISTRATION				
Title HMAS 1313	1ANO - KEPO	RI OF	ROCEED	INGS
1100	APAIL 19	22		
Mark to		4	-	
(Name or Designa			(Location)	******************
Cancel File No		and inform Movemen	ts Section.	
Close File No				
Cross reference this file with:				

SUBJECT INDEX				
Posting	Prec	is		Initials

NAME INDEX				
Heading 2	1	Precis		Initials
HILLAS 19ETANO	\$17 a	usu		
LOGGING Originator	Originator's Reference		Date	Initials
NOC Stal	A1.16	.33	3.6.77	
			a	

Information Classifier

(Signature)

(Date)

FILE: 428/3/2292

DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS BETANO

REPORT OF PROCEEDINGS MAY'77

DNO 16 M Pahol boat delivery voyage to Singapure +
DGNOP Esent of one boat to Tandying Pineng. Visits to
Burataya, Benoa + return to Darwin. k. 1417

CNM

DGSUP-N

PRLO-N (24/6.

IADMIN-N / 5 25 | 8

- NOTES:
- This copy is circulated so that Heads of Division may see these reports soon after they reach Navy Office.
- 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.



DEPARTMENT OF XENDEXXXXXX DEFENCE

TELEPHONE:

2262600

IN REPLY QUOTE

B1/16/33

Naval Headquarters
Box 1416 GPO
BRISBANE. 4001

Department of Defence (Navy Office)
Russell Offices
CANBERRA. ACT 2600

3 0 JUN 1977

Attention:

Deputy Chief of Naval Staff

For Information

The Flag Officer Commanding HM AUSTRALIAN FLEET

HMAS BETANO REPORT OF PROCEEDINGS MAY 1977

The enclosures are forwarded in accordance with RI Appendix 29A.

(F.H. JAMES)
Captain RAN

Naval Officer Commanding Queensland.

am

Enclosures

HMAS BETANO letter 1/16/1 of 6 Jun 77 (2 copies)

DEPT.O FENCE INFORMATION MANALYSIS CENTRE

Jun 31 15 33 '77

RESTRICTED

RESTRICTED

AUSTRALIAN WAR MEMORIAL

DEBENCE

IN MINTA COOLS

2262600

B1/16/33

BRISBANE. 4001 Box 1416 GPO Naval Headquarters

3 8 JUN 1977

CANBERRA. ACT 2600 Russell Offices Department of Defence (Navy Office)

Attention: Deputy Chief of Waval Staff

For Information

HM AUSTRALIAM FLEET The Flag Officer Commanding

HMAS BETANO REPORT OF PROCEEDINGS MAY 1977

RI Appendix 29A. The enclosures are forwarded in accordance with

Queensland. Naval Officer Commanding Captain RAM (F.H. JAMES)

Enclosures HMAS BETANO letter 1/16/1 of 6 Jun 77 (2 copies)

DEPT. OF THE FENCE INFORMATION ANALYSIS CENTRE

Jun 31 15 33 '77

HMAS BETANO REGISTRATE A Proceedings MAY 77

RECEIVED

HMAS BETANO at SEA 6 JUN 1977

1-16-1

The Naval Officer Commanding Queensland

For Information:

The Flag Officer Commanding H.M. Australian Fleet.

The Commander, First Australian Landing Craft Squadron.

HMAS BETANO - REPORT OF PROCEEDINGS MAY 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship under my command for the month of MAY 1977.
- 2. At 0001 Sunday 1 MAY, Betano was north of the RAAS Channel, INDONESIA enroute to Singapore. The passage was uneventful and at 1026 Wednesday 4 May Betano anchored in the Singapore Strait for Radar repair and to scrub down ship and cargo prior to arrival in Singapore.
- 3. At 1949 that evening Betano weighed and proceeded to the Man of War anchorage Singapore Road remaining there overnight.
- 4. At 0930 Thursday 5th May the ship weighed and proceeded to the St John pilot boarding ground and then to alongside RSN Endurance in the Benoi basin Singapore arriving at 1145.
- 5. During the forenoon Friday 6th May the two Hawker de Havilland built 16 metre patrol boats were disembarked for trials prior to sailing for Tandjung Pinang in Indonesia.

.../2

- 6. Betano remained alongside in the vicinity of the Singapore Shipbuilding and Engineering Pty Ltd wharves Benoi Basin and during the next 10 days was moved eleven times by dockyard tugs. The berth at Benoi is not recommended as during the ten days alongside, shore power, although available continuously could only be used for 48 hours due to the moves and no telephone extension was available for priority signal traffic.
- 7. At 0800 Sunday 15th May Betano sailed from Benoi Basin with 16 Metre patrol boat Sabola in company for the passage to Tandjung Pinang on Bintan Island. During this passage the 2nd Patrol boat Sasila remained in Singapore for repairs to keel damage that occurred during trials period. This passage was uneventful and Tetano was welcomed and escorted through the Riaow Strait by KRI LAJANG and secured alongside the Naval Area Headquarters wharf at 1500.
- 8. At 1000 Monday 16th May I attended the Official commissioning ceremony of the patrol boat KRI SABOLA into the Indonesian Navy. That evening the ships company were entertained at an official concert by the Military personnel of the area. This was a series of dances and music from all provinces of Indonesia and was a spectacular performance.
- 9. At 0730 Tuesday 17th May Betano sailed for Surabaya erriving at the pilot boarding ground at 0715 Friday 20 May. After embarking the pilot at 0735, Betano proceeded through the Surabaya Strait to the Madura wharf arriving at 0915. At 1015 that morning, I called on the Dockyard Commander Col SIGIT SOEDARJAOI and at 1200 a return call was made onboard.
- 10. At 0830 Saturday 21st the loading of the Parman patrol boat engines and gearboxes commenced and was completed at 1030.
- 11. During the two days at Surabaya the opportunity was taken to visit several noted tourist centres and the ships company enjoyed the hospitality of the Indonesian people.
- 12. On completion of a small ceremony at 0800 Monday 23rd Betano proceeded through the Surabaya Strait enroute to Benoa Bali Island.

.../3

13. At 1205 Tuesday 24th May the pilot embarked at the entrance to Benoa channel and at 1225 Betano secured alongside the main wharf for two days R and R. The next morning a bus arranged by the Australian Embassy departed from the ship with 11 members of the ships company for a tour of the Bali Island.

14. At 0755 Thursday 26th May Betono proceeded from Benoa enroute to Darwin. The weather was good whilst in the shelter of the Indonesian archipeligo but on passing north of Wetar Island the effects of the south east weather were experienced with FORCE 6 wind until arrival in Darwin.

15. At 0820, Tuesday 31st May Betano arrived alongside Stokes Hill Wharf, Darwin remaining alongside until the end of the month.

TECHNICAL

The radar went unserviceable in Singapore waters and was repaired during the time there by ships staff.

The water distillation unit was run during the period and has an output of 1.5 tonnes/day. During this deployment the machinery and systems operated within the design requirement and only required minor adjustments.

GENERAL

The health of the ships company is good and their morale remains very high. The entire ships company have enjoyed the SE Asian deployment and it was the first visit to this area for many of the ships company.

SBLT R M CRAWFORD joined for passage/training on 15 MAY 1977.

I have the honour to be Sir Your obedient Servent

(G R RICHTER)
Lieutenant RAN
Commanding Officer

Enclosures: 1. ANNEX A STEAMING REPORT

2. ANNEX B EXERCISE AND EVOLUTIONS REPORT

3. ANNEX G CARGO RETURN (NOTAL)

ANNEX A to 1-16-1 dated 04 JUNE 1977

STEAMING REPORT

MILES	STEAMED THIS I	MITHO	-		3254.4
TOTAL	HILES STEAMED	SINCH	COMMISSIONING	Coopl	48459.8
HOURS	UNDERWAY THIS	MOHTH	****		325.8
TOTAL	HOURS UNDERWAY	Y SINCE	COMMISSIONING		5670

ANNEX B to 1-16-1 dated Ol JUNE 1977

EXERCISES AND EVOLUTIONS REPORT-MAY

SEAMANSHIP

18 May Manoverboard drills
26 May Manoverboard drills
8 May Mightime fire drills

NBCD

15 May NBCD Drills

GUNNERY

19 May Small arms shoot

Folio 1

File Number

N 428

3

2292

DETAILS OF INFORMATION ANALYSIS

* NOTE: Please print all entries clearly.

Security Classification

RESTRICTED.

NAME INDEX		
Heading	Precis	Initials
HMAS BETANO	a/a	

Originator	Originator's Reference	Date	Initials
NOC	D./11./22	30 67	7
QLD.	51/10/33	30/0/	

Information Classified	Momas
(Si	gnature)

5,7,77.

FILE: 428/3/2361

DEPARTMENT OF DEFENCE

(NAVY OFFICE)

DNO Passage Dannin to Bristane in poor weakn. A beach
DONOP Two carried out in the State River thea

DONOP

CNTS

CNTS

REPORT OF PROCEEDINGS

JUNE 1977

Bristane in poor weakn. A beach

DONOP

Line State Allegator River thea

J. 8/8

CNTS

DGLOG-N L

DGSUP-RISK

PRLO-N

IADMIN-NAB 23 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.

Mosky ?



DEPARTMENT OF DEFENCE

Naval Headquarters Box 1416 GPO BRISBANE. 4001

In reply quote: B1/16/35

Telephone: 2262600

2 7 JUL 1977

Department of Defence (Navy Office) Russell Offices CANBERRA. ACT 2600

Attention:

Deputy Chief of Naval Staff

For Information

The Flag Officer Commanding HM AUSTRALIAN FLEET

HMAS BETANO REPORT OF PROCEEDINGS - JUNE 1977

The enclosures are forwarded in accordance with RI Appendix 29A.

(P.H. JAMES)

Captain RAN

Naval Officer Commanding

Queensland

Enclosures

HMAS BETANO letter 1/16/1 of 7 July 1977 (2 copies)

1 Aug 77 1 2 3 5

OF DEFENCE

RECEIVED

DCNZio



DEPARTMENT OF DEFENCE

BRISBANE. 4001 Box 1416 GPO Naval Headquarters

In reply quote: B1/16/35

Telephone: 2262600

2 7 JUL 1977

CAMBERRA. ACT 2600 Russell Offices Department of Defence (Navy Office)

Attention: Deputy Chief of Mayal Staff

For Information

HM AUSTRALIAN FLEET The Flag Officer Commanding

HMAS BETANO REPORT OF PROCEEDINGS - JUNE 1977

The enclosures are forwarded in accordance with RI Appendix 29A.

Queensland Naval Officer Commanding Captain RAM (P.H. JAMES)

1 1000

Enclosures

DE LOF DEFENCE HMAS BETANO LEttrillA6/1 of 7 July 1977 (2 copies)

1 Aug 77 12 35

RECEIVED

HMAS BETANO Reprent of Proceedings JUNE 77,

HMAS BETANO
AT BRISBANE
7 JULY 1977

1-16-1

The Naval Officer Commanding QUEENSLAND

For Information:

The Flag Officer Commanding H.M. Australian Fleet

The Commander First Australian Landing Craft Squadron

The Naval Officer Commanding NORTHERN AREA

HMAS BETANO - REPORT OF PROCEEDINGS JUNE 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship under my command for the month of June 1977. All times local.
- 2. At 0001 Wednesday 1st June, BETANO was alongside Stokes Hill wharf Darwin. At 0928 that morning the ship proceeded to Larrakeyah to load twenty-one BMSS for transportation to Brisbane. The beaching was made difficult by wind and tide and diving tender anchored off the beach over the sunken fishing boat "FLOODBIRD" making only one approach possible. On the first attempt the ship grounded om an underwater obstruction 30-50 yds from the beach, and subsequent examination revealed hull damage. After beaching it was found that the civilian forklift assigned was unable to load because of the height and steep incline of the bow door. The hard standing at Larrakeyah is considered unsuitable for landing craft operations because of the underwater obstructions beyond the low tide line and is not recommended for future teachings.
- 3. On completion of loading at 1505 Wednesday, BETANO retracted and sailed for South Alligator River to conduct a beach survey 20 miles upriver from the mouth. The survey was completed by 1200 Thursday and BETANO sailed for Townsville.

- 4. Due to the exceptionally rough weather conditions experienced that evening the ship was forced to seek shelter and anchored in Somerville Bay, Croker Island. At 1335 Friday 2nd June, BETANO weighed and proceeded to Malay Bay on the Coburg Peninsular remaining at anchor until the weather abated Monday evening.
- 5. The ship proceeded from Malay Bay at 1920 Monday and followed the coast to lessen the effect of high seas in the area.
- 6. During Wednesday morning the ship passed clear of Cape Wessel into the Gulf of Carpentaria and encountered a 3 metre south easterly swell. This caused no damage, but was very uncomfortable and tiring on personnel. This weather continued for the next seven days with winds abating during the evenings and freshening to force 6 during most days.
- 7. On Thursday BETANO advanced clocks to time zone KILO (-10)
- 8. BETANO secured alongside No 1 berth, Cairns to land ABCK FRAZER with a suspected abcessed tooth. At 0120 the ship sailed for Brisbane.
- 9. BETANO secured alongside No 1 berth HMAS MORETON at 1627 Wednesday 15th June and embarked customs officers for clearance of the ship.
- 10. At 0800 Thursday 16th June BETANO assumed an "out of routine" status and commenced an Assisted Maintenance Period.
- 11. Arrangements were made for the ship to be slipped for temporary repairs to the hull, BETANO was cold moved to Peters Slipway at 2220 Tuesday 21st June and was pulled clear of the water at 0130. The damage was temporarily repaired by welding a steel plate over the stressed area with a view to cropping and replacing during the September refit.
- 12. On 30th June BETANO was alongside No 1 Berth HMAS MORETON undergoing a maintenance period.

TECHNICAL

13. All machinery has run well during the month and required only minor adjustments. The ship was slipped to investigate hull damage and temporary repairs were made by welding a steel plate over the damaged area.

GENERAL The health of the ships company is good and their morale remains high.

I have the honour to be Sir,

Your obedient Servant

(G R RICHTER)
LIEUTENANT RAN
COMMANDING OFFICER

ANNEXES

A. Steaming Report

B. Exercises and Evolutions Report.

C. Cargo Return (Comauslancron One only).

BESTRICTED

ANNEX A TO HMAS BETANO LETTER 1-16-1 DATED 7th JULY 1977

STEAMING REPORT

L.	Miles	steamed this month	2315.6
2.	Total	miles steamed since commissioning	50775.1
3.	Hours	underway this month	262.0
Λ.	Hours	underway since commissioning	5932.0

ANNEX B TO HMAS BETANO LETTER 1-16-1 DATED 7th JULY 1977

EXERCISES AND EVOLUTIONS REPORT

SEARMINISHIP	2 June	Manoverboard drills
NECD	2 June 17 June	Fire Exercise Fire Exercise
GUNNERY	2 June 6 June	Small arms firing Small arms firing
BEACHINGS	1 June 2 June 4 June 17 June	Larrakeyah South Alligator River 3 Malay Bay Bulimba 1
Total since	commissioning	191

Department of Defence

File Number

2361

DETAILS OF INFORMATION ANALYSIS

Security Classification

RESTRICTED

Folio

* NOTE: Please print all entries clearly.

R24-2 As Asove. NAME INDEX	Title REPORT OF	PROCEEDINGS - HMAS BETANO - JU	INE 197
Mark to DCNS (Name or Designation) (Location) Cancel File No			
(Name or Designation) (Location) Cancel File No			
Close File No			***************************************
SUBJECT INDEX Posting Precis In R 24-2 As Asove. NAME INDEX Heading Precis Ir HM As BETANO 240. Criginator's Reference B 1 / 16/3 5 27, 7, 77 CRD. Originator's Reference B 1 / 16/3 5 27, 7, 77	Cancel File No	and inform Movements Section.	
SUBJECT INDEX Posting Precis In R 2 4 2 As Asome. NAME INDEX Heading Precis Ir HM As BETANO CYG. LOGGING Initia CRUD. Originator's Reference R 1 / 16/3 5 27, 7,77	Close File No		
Posting R24-2 As Asome. NAME INDEX Heading Precis In HMAS BETANO Originator's Reference R1/16/35 Date 27, 7, 77 Initia			
NAME INDEX Heading Heading Precis In HMAS BETANO Originator's Reference GLD. Originator's Reference B1/16/35 Date 27, 7,77	SUBJECT INDEX		
NAME INDEX Heading Precis In HMAS BETANO CVG. LOGGING Iniginator NOC QLD. Originator's Reference B1/16/35 27,7,77	Posting	Precis	Initials
NAME INDEX Heading Precis In HMAS BETANO Corginator's Reference B1/16/35 Date 27,7,77 Cold R1/16/35	R24.2	As Asove.	
NAME INDEX Heading Precis IT HMAS BETANO CAG Originator's Reference R1/16/35 Date 27,7,77 Initia			
NAME INDEX Heading Precis In HMAS BETANO CYG. LOGGING iginator Roc R1/16/35 Date 27,7,77 Initia			
NAME INDEX Heading Precis If HM AS BETANO LOGGING riginator NOC QUD. Originator's Reference R1/16/35 27,7,77			
NAME INDEX Heading Precis In HMAS BETANO Conginator Noc QUD. Originator's Reference B1/16/35 Date 27, 7, 77			
Heading Precis In HMAS BETANO LOGGING riginator NOC QUD. Originator's Reference R1/16/35 27,7,77			
Heading Precis In HMAS BETANO LOGGING riginator NOC QLD. Originator's Reference B1/16/35 27,7,77	NAME INSEV		
LOGGING riginator QUD. Originator's Reference B1/16/35 Date 27, 7,77		Precis	Initials
LOGGING riginator NOC QLD. Originator's Reference B1/16/35 27,7,77	1100 10 P= +0.10	0.10	
LOGGING riginator NOC QUD. Originator's Reference B1/16/35 Date 27, 7, 77			
riginator NOC $B1/16/35$ Date $27,7,77$ Initia			
$\frac{81/16/35}{27,7,77}$		Originator's Deference Date	Linitials
	QUD.	B1/16/35 27,7,77	
formation classifier			
	formation elassifier		77

(Signature)

(Date)

FILE: 428/3/2381

DEPARTMENT OF DEFENCE

(NAVY OFFICE)

DNO AMP, passage to Nor New Territors, + participation in the DGNOP eisertin phase of Exercise Long Vigil. &

DCNS

CNS

DGLOG-N 3

DGSUP 20879

PRLO-N

IADMIN-NAB12 12

- 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.

1802/2°



DEPARTMENT OF DEFENCE

Naval Headquarters Box 1416 GPO BRISBANE Q4001

Telephone: 2262600

In Reply Quote: B1-16-35

15 AUG 1977

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

For Information:

The Flag Officer Commanding H.M. Australian Fleet

> HMAS BETANO - REPORT OF PROCEEDINGS JULY 1977

The enclosures are forwarded in accordance with RI Appendix

29A.

(P.H. JAMES)

Captain RAN

Naval Officer Commanding

Queensland

Enclosures: HMAS BETANO letter 1/16/1 of 1st August 1977 (2 copies)

CENTRAL REGISTRY DEPT. OF DEFENCE 17 Aus 77 11 14

RECEIVED

DCNS 16.

an



DEPARTMENT OF DEFENCE

BRISBANE Q4001 Box 1416 GPO Maval Headquarters

Telephone: 2262600

In Reply Quote: B1-16-35

1 5 AUG 1977

CANBERRA ACT 2600 Russell Offices Department of Defence (Mayy Office) Chief of Naval Staff

For Information:

H.M. Australian Fleet The Flag Officer Commanding

JULY 1977 HMAS BETANO - REPORT OF PROCEEDINGS

29A.

The enclosures are forwarded in adcordance with RI Appendix

Queensland

Captain RAN

(P.H. JAMES)

Mayal Officer Commanding

Enclosures: HMAS BETANO letter 1/16/1 of jst August 1977

(2 copies)

17 Aug 77 11 14 DEPT. OF DEFENCE CENTRAL REGISTRY

RECEIVED

HMAS BETANO - Report of Proceedings

HMAS BETANO
AT DARWIN
1st AUGUST 1977

1-16-1

The Naval Officer Commanding QUEENSLAND

For Information

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander First Australian Landing Craft Squadron

The Naval Officer Commanding NORTHERN AREA

HMAS BETANO - REPORT OF PROJEEDINGS JULY 1977

- I have the honour to report the proceedings of HMA Ship under my command for the month of July. Times are local Zone K (-10) unless otherwise stated.
- 2. On Friday 1st July, BETANO was alongside HMAS MORETON undergoing an Assisted Maintenance period. During this period all outstanding minor defects were rectified and the ships planned maintenance programme was progressed. BETANO is starting to feel the effects of the longer refit cycle with many hydraulic and electrical problems occuring, causing increasingly longer periods of equipment unserviceability.
- 3. At 0700 Tuesday 12th July, eighty soldiers from "D" company 6 RAR were embarked for LCH familiarization on passage to Tangalooma beach, Moreton Island. Several beachings were made to exercise personnel in beach landings and on completion at 1500 the ship sailed for HMAS MORETON securing alongside at 1800.
- 4. The next two days were spent preparing and storing the ship for the six weeks deployment as part of Exercise LONG VIGIL. BETANO proceeded to Bulimba hard at 0900 Thursday 14th to load containers and general stores for Townsville returning alongside HMAS MORETON on completion.

- 5. BETANO sailed from Brisbane in company with HMAS BRUNEI at 0830 Friday enroute to Townsville. The ship made good speed on passage north and anchored at South Molle Island to join HMAS BALIKPAPAN before proceeding to Townsville.
- 6. BETANO secured alongside No 3 wharf Townsville at 0645 Monday and cargo discharge commenced at 0830. The next day ten Armoured Personnel Carriers and three howitzers were embarked by crane for shipping to South Alligator River.
- 7. BETANO sailed in company with BRUNEI and BALIKPAPAN at 1000 Wednesday 20th July, for passage through the Great Barrier Reef to Malay Bay on the Coburg peninsular anchoring at 0035 on Monday 25th July. BRUNEI and BALIKPAPAN secured alongside at 0050 and 0215.
- 8. The ship weighed at 1000 (-9½) and proceeded in company with BALIKPAPAN for South Alligator river having been detached from BRUNEI who was proceeding direct to Darwin. For the next five days BETANO sailed from Darwin to South Alligator river in accordance with the Sea Movements table of exercise LONG VIGIL. On completion of the insertion phase of the exercise BETANO secured alongside Fort Hill wharf remaining there until the end of the month.

TECHNICAL

9. Major repairs to the Port Main Engine are being carried out by ships staff (URDEF 86/76 refers). Numerous oil seals and hydraulic lines have been replaced during the month. The Decca Super 101 Radar went unserviceable and is being repaired by ships staff.
The airconditioning system was overhauled by local contractor in Townsville (URDEF 85/76 refers). The replacement Magnetic compass was fitted.

GENERAL

10. The health and welfare of the ships company is good and their morale remains very high.

I have the honour to be Sir

Your obedient Servant

(G R RICHTER)
LIEUTENANT RAN
COMMANDING OFFICER

ANNEX

A. Steaming Report

B. Exercise and Evolution Report

C. Cargo Return (OTATISLANCRON ONE only)

ANNEX A TO 1-16-1 Dated 1st AUGUST 77

STEAMING REPORT

1.	Miles steamed this month	2512.0
2.	Miles steamed since commissioning	53287.1
3.	Hours underway this month	311
4.	Hours underway since commissioning	6243

-4-

ANNEX B TO 1-16-1 Dated 1st AUGUST 77

EXERCISES AND EVOLUTION REPORT

SEAMANSHIP		
	12 Jul	Man overboard drills
	15 Jul	Man overboard drills
	30 Jul	Man overboard drills
NBCD	15 Jul	Fire Exercise
	20 Jul	
	26 Jul	Fire Exercise
	28 Jul	Fire Exercise
CITATATER		
GUNNERY	16 Jul	Small amma fining
	28 Jul	Small arms firing Demonstration 1 inch Signal
	20 0 00	Pistol firing
BEACHINGS		
	12 Jul	Bulimba 2
	12 Jul 14 Jul	
	26 Jul	
		River 2
	27 Jul	
	28 Jul	
	29 Jul	River 1 Darwin 1
	30 Jul	
	30 0011	River 1
Total beachings	since co	mmissioning 204

ΔΙ	R	5
7		-
(1	9	75

Department of Defence

File Number

_	



N 428

3

2321

DETAILS OF INFORMATION ANALYSIS

Security Classification

ANALYSIS RESTRICTED *NOTE: Please print all entries clearly. REGISTRATION TITLE REPORT OF PROCEEDINGS - HMAS BETANO - JULY A4-16 Mark to DCNS (Name or Designation) (Location) Cancel File No and inform Movements Section. Cross reference this file with: SUBJECT INDEX Precis Initials Posting R24.2 ABone NAME INDEX Heading Precis Initials HMAS BETANO LOGGING Originator's Reference Initials Originator Date Information Classifier (Signature) (Date)

FILE: 428/3/ 2455

DEPARTMENT OF DEFENCE (NAVY OFFICE)

HMAS BETANO REPORT OF PROCEEDINGS AUGUST 1977

DNO Passage Danwin to Sydney port Exercise hory Nigit

DGNOP Lethern to Bristane. J. 28/9

DCNS 28/3

CNS

CNP

CNDS Sha B b. Jehn

DGLOG-NO 10/10

CNW /P/10

DGSUP-N MINTED

PRIO-NO 1111

TADMEN-N AB 5/12

- 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.

A62 /2/



DEPARTMENT OF DEFENCE

Naval Headquarters
Box 1416 GPO
BRISBANE Q4001

Telephone: 2262600

In Reply Quote: B1/16/33

19 9 SEP 1977

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

For Information:

29A.

The Flag Officer Commanding H.M. Australian Fleet

HMAS BETANO REPORT OF PROCEEDINGS - AUGUST 1977

The enclosures are forwarded in accordance with RI Appendix

(P.H. JAMES)

Captain RAN

Naval Officer Commanding

Queensland

Enclosure: HMAS BETANO letter 1/16/1 of 4 September 1977 (2 copies).

DEPARTMENT OF DEFENCE (NAVY)

DLOINGULLU

In Reply Quote: 1-16-1

HMAS BETANO AT BRISBANE.

4th September 1977

The Naval Officer Commanding QUEENSLAND.

For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Naval Officer Commanding NORTHERN AREA

The Commander
FIRST AUSTR LIAN LANDING CRAFT SQUADRON

HMAS BETANO - REPORT OF PROCEEDINGS AUGUST 1977

Sir,

I have the honour to report the proceedings of HMA Ship under my command for the month of August 1977. All times are Local Zone K unless otherwise stated.

- 2. On Monday 1st August, HMAS BETANO was berthed outboard of HMA Ships BRUNEI and BALIKPAPAN at Fort Hill wharf in Darwin. The ship remained alongside undergoing a five day SMP and repairs to the Port Main engine (URDEF 86/76 refers).
- At $0830(-9\frac{1}{2})$ Friday 5th, the ship proceeded to the Quarantine hard area and on completion of loading armoured vehicles at 1030, returned alongside Stokes Hill wharf.
- 4. IMAS BETANO sailed from Darwin at $0930(-9\frac{1}{2})$ for Dunk Island in company with HMA Ships Brunei and Balikpapan. The passage was uneventful, but salt spray and weather caused extensive rusting thus aggravating upperdeck maintenance problems.
- 5. Clocks were advanced to Zone K(-10) at 0800 9th August.
- 6. The ship beached on Dunk Island at 1510 Friday 12th August for an overnight recreational visit.
- 7. At 1630 Saturday, Betano retracted and detatched for Sydney, but due to rough weather Sunday evening was forced to shelter in the lee of Carlisle Island overnight.
- 8. The ship arrived in Sydney on Friday 19th and on completion of unloading the vehicles at 0900, proceeded alongside HMAS Waterhen for the weekend.
- 9. After loading four containers at 0930 Monday 22nd, Betano sailed for Brisbane. Maintenance was progressed during these two days of fine weather and the ship berthed at No. 5 HMAS MORETON, Wednesday 24th August at 1045.

.../2

- 10. HMAS BETANO remained alongside until the end of the month undergoing a Self Maintenance period.
- 11. The ship went out of routine and to forty-eight hours notice for sea at 1600 Tuesday 30th August.
- 12. Colours were half masted from 0800 until 1300 Thursday 25 August in respect to the Right Honourable, the late R.F.X. CONNOR MHR.

13. Technical

- a. The Port main engine was repaired by ships staff with stores from HMAS MORETON.
- b. Stress cracks in several engineroom frames have appeared and are being investigated by base staff. This has necessitated the moving of both hydraulic power packs to enable the problem area to be more closely investigated.
- 14. Personnel. The health and welfare of the ships company remain good and their morale is excellent.

I have the honour to be,

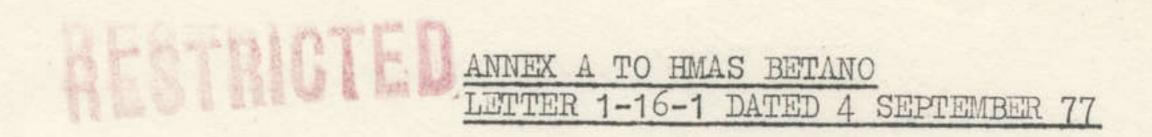
Sir,

Your Obedient Servant

(G.R. RICHTER)
Lieutenant, RAN
COMMANDING OFFICER

Annexes: A. Steaming Report.

- B. Exercise and Evolution Report.
- C. Cargo Return (COMAUSLANCRON ONE only)



STEAMING REPORT

1. Miles steamed this month :	2705.	5
-------------------------------	-------	---

2. Miles steamed since commissioning : 55992.6

3. Hours underway this month : 316

4. Hours underway since commissioning: 6559



RESIRIOTED

ANNEX B TO HMAS BETANO
LETTER 1-16-1 DATED 4TH SEP 77

EXERCISES AND EVOLUTIONS REPORT

SEAMANSHIP	-	6 Aug	Man Overboard Drills
		15 Aug	11 11 11
NBCD	-	6 Aug	Fire Exercise
		15 Aug	Fire Exercise
		15 Aug	Damage Control Exercise
GUNNERY	-	15 Aug	Small Arms Shoot
BHACHINGS	-	6 Aug	DARWIN - 1
		12 Aug	DUNK ISLAND - 1
		19 Aug	SYDNEY - 1

TOTAL SINCE COMMISSIONING - 207

Folio 1

N429

3

2455

DETAILS OF INFORMATION ANALYSIS

Security Classification

* NOTE: Please print all entries clearly.

NOTE. Please print an entit				
REGISTRATION				
	AUGUS	-REPORT OF T 1977		
Mark to	or Designation)		(Location) Movements Section.	
SUBJECT INDEX				
Posting	Precis Initia			
197				
NAME INDEX				
Heading	Heading		s	Initials
HMAS BETA	NO AA			
LOGGING				
Originator		Originator's Reference	Date	Initials

Information Classifier

(Signature)

23,9 /77 (Date) REGISTRY

REQUEST FOR

CR142 (1973)			
(1070)			

1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
DECICEDATION
REGISTRATION
NOTE: After Registry action, this form is <u>NOT</u> to be removed from the file.
OIC Registry
• (Tick appropriate box)
Trick appropriate boxy
Please register
Paper/s (attached)
Taper/s (attached)
Signal DTG No. (attached)
This form
As a RESTRICTED CONFIDENTIAL SECRET File
THE DESIGNATION CONTIDENTIAL CONTINUES
On File No. / /
As a New File Titled HMAS BETANO - REPORT OF
PROCEEDINGS - AUGUST 1977
Related Files
and
Forward to IADMIN -N-A-4-06. Branch
Ringfor collection by hand
Return to officer awaiting at counter
Return to officer awaiting at counter
Signature
a. Maine. 32, 9, 47 IADMIN-N.
A. Maine. 23,9,77 IADMIN-N.

AUSTRALIAN WAR MEMORIAL

CNTS 715/77

LCHs - STRESS CRACKING

DFM

Reference: HMAS BETANO Report of Proceedings for August, 1977.

The following extract of HMAS BETANO Report of Proceedings is forwarded for information and necessary action in connection with the LCH vibration problem study you are currently undertaking:-

"Stress cracks in several engine-room frames have appeared and are being investigated by base staff. This has necessitated the moving of both hydraulic power packs to enable the problem area to be more closely investigated."

(R.F. CREIGHTON)
Commander, RAN
PSO CNTS

5th October, 1977



FILE: 428/3/ 2558

DEPARTMENT OF DEFENCE (NAVY OFFICE)

HMAS

BETANO

REPORT OF PROCEEDINGS

SEPTEMBER A77

DNO Pre-refit heads of 22/11

DGNOP 23/11

CNS PMIN

CNTS 15/1N

DGLOG-N OF 16/12

CNM 22112

DGSUP-N

PRLO-N N S

TADMIN-NAS9/

- 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.

of soling



DEPARTMENT OF DEFENCE

Naval Headquarters Box 1416 GPO BRISBANE Q4001

Telephone: 2262600

In Reply Quote: B1/16/33

8 NOV 1977

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

For Information:

The Flag Officer Commanding H.M. Australian Fleet

HMAS BETANO REPORT OF PROCEEDINGS - SEPTEMBER 1977

The enclosures are forwarded in accordance with RI Appendix 29A.

Captain, RAN

Naval Officer Commanding

Queensland

Enclosure: HMAS BETANO letter 1/16/1 of 5 October 1977 (2 copies)



1/16/1

HMAS BETANO at Brisbane.

05 October 1977

The Naval Officer Commanding QUEENSLAND.

For Information:

The Flag Officer Commanding H.M. AUSTRALIAN FLEET.

The Commander First Australian Landing Craft Squadron.

HMAS BETANO REPORT OF PROCEEDINGS - SEPTEMBER 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship under my command for the month of September 1977. All times are Local Zone KILO.
- 2. On Thursday O1 September, BETANO was alongside HMAS MORETON preparing for refit. On Monday 11, the refitting port was changed from Brisbane to Bundaberg and all available refit stores were embarked for the passage.
- At 0800 Wednesday 21, a trials team from RANTAU were embarked for the pre-refit sea trials in Moreton Bay. These trials were completed at 1130 and BETANO returned to HMAS MORETON remaining alongside until the end of the month.

TECHNICAL

- Both hydraulic power packs were moved and surveys were carried out on frames and shell plating where cracks have appeared.
- Ship's staff have worked, refitting pumps, valves and electric motors to ease the workload during the refit in Bundaberg. All main engine and auxiliary machinery protection devices were tested and set to work as to design specifications.

GENERAL

6. The health and welfare of the ship's company remain good and their morale is excellent.

RESTRICTED

..../2

.2.

7. Most of the outstanding leave has been taken during this period in Brisbane.

I have the honour to be

Sir

Your obedient servant

(G.R. RICHTER)
Lieutenant, RAN
COMMANDING OFFICER

Innexes: A. Steaming Report

B. Exercise and Evolutions Report

ANNEX A TO HMAS BETANO'S REPORT OF PROCEEDINGS FOR SEPTEMBER 1977

STEAMING REPORT

1.	Miles steamed during the month	51.6
2.	Miles steamed since commissioning	56044.0
3-	Hours underway during the month	5.0
4.	Hours underway since commissioning	6564.0

ANNEX B TO HMAS BETANO'S REPORT
OF PROCEEDINGS FOR SEPTEMBE (1977

EXERCISE AND EVOLUTIONS REPORT

NBCD

11 September

Fire Exercise

21 September

Fire Exercise

AR 5 (1975) DETAILS OF INFORMANALYSIS *NOTE: Please print all entries REGISTRATION Title H.M.A.S Proceed		Section 2	er 2 2558 urity Classification stricted	
Cancel File No	Designation)	and inform Movemen	(Location)	
	As Title.			
NAME INDEX Heading H.M. A.S. B.	etano' - A.	Precis s Title		Initials
LOGGING Originator Naval HQ, Brisk	Originator's Reference 31/16/3	3	Date 3/11/77	Initials

REQUEST FOR REGISTRATION

CR142 (1973)		

REGISTRATION			
NOTE: After Registry action, this form is <u>NOT</u> to be removed from the file.			
OIC Registry			
• (Tick appropriate box)			
Please register			
Paper/s (attached)			
Signal DTG No. (attached)			
This form			
As a RESTRICTED CONFIDENTIAL SECRET File			
On File No. 428 / 3 / SERIES			
As a New File Titled HMAS BETANO - Report of			
Proceedings - September 1977			
- 1700ccorys			
Related Files			
and			
Forward to CNSBranch			
Ring			
Return to officer awaiting at counter			
Signature Branch			
ABur 14/11/77 IADMIN-N			

AUSTRALIAN WAR MEMORIAL

M1-16-1

HMAS BETANO at BUNDABERG 7 NOVELBER 1977

The Naval Officer Commanding Queensland

For Information:

The Fleg Officer Commanding HM AUSTRALIAN FLEET

The Commander
FIRST AUSTRALIAN LANDING CRAFT SQUADRON

HILLS TETARO - REPORT OF PROCEEDINGS - OCTOBER 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship under my commend for the month of October 1977. All times are local zone KILO (.10)
- 2. On Saturday 01 October, HIAS DETANO was alongside HIAS JORETON undergoing maintenance/refit on equipment and preparing for passage to Bundaberg. During the next week preparations for refit were completed and stores and equipment not required during the refit period were landed.
- 3. At 0815 Sunday 9 October, the ship sailed from Brisbane with three cadets from the Bundaberg Sea Cadet Unit for passage to Bundaberg. Their local knowledge of the Burnett river's uncharted sandbanks was appreciated as the river was entered at low water. The passage was uneventful and HAS MITALO secured alongside the town wharf Bundaberg at 0910 Monday 10 October.
- 4. A pre-refit meeting was held at the head office, Bundaberg Foundary Company at 1000 that morning where final details of the refit were discussed.
- 5. At 0700 Tuesday 10 0 tober, HLAS BETANO moved to the Bundeng: slipway and was hauled clear of the water at 0915. Work commenced immediately as per the work list and continued as surveys on fittings and equipment were completed.

...../2

- 2 -

- 6. On 31 October HIAS JETANO was on the Bundeng slipway at Bundaberg undergoing refit.
- 7. Technical. Refit work as per work package and survey is a continuing.

Decca Super 110 Radar was removed and returned to HLAS . MORETON.

The Arma Brown Gyro was sent to Garden Island Dockyard for refit.

Ship's staff maintenance is progressing as planned.

A fatigue fracture in No. 5 starboard fresh water tank was discovered during survey and will be cropped and replaced by new material.

Modifications to superstructure and No. 4 tank is continuing.

S. General. Nost of the ships company are on leave or posted temporarily to MAS NORMION. Those remaining onboard have been accommodated at the Federal Motel, Bundaberg and appear to be enjoying their stay.

I have the honour to be

Sir

Your obedient servant

(G.R. RICHTER) Lieutenant, RAN

Commanding Officer

Enclosure: ANNEX A. Steaming Report.

ALIMEX B. Exercise and Evolutions Report.

ANNEX A to 1-16-1 dated 7 NOVELBER 1977

STEALING REPORT

1.	files steamed this month	256.6
2.	Miles steamed since commissioning	56,300.6
3.	Hours underway this month	25.0
4.	Hours underway since commissioning	6.589.0

ANNEX B to 1-16-1 dated 07 NOVEMBER 1977

EXERCISE AND EVOLUTIONS REPORT

NBCD 04 OCTOBER FIRE EXERCISE

11 OCTOBER FIRE EXERCISE

24 OCTOBER FIRE EXERCISE

SELLIANSHIP 11 OCTOBER SLIPPED SHIP

HIAS STATO
AT RISELE
7 DECALBER 1977

1-16-1

The Naval Officer Commanding

For Information:

The Flag Officer Commanding HM AUSTRALIAN FLORT

The Commander
FIRST AUSTRALIAN LADING CRAFT SQUADRON

HMAS BETANO - REPORT OF PROCEDINGS HOVERER 1977

Sir,

- 1. I have the honour to report the proceedings of MA shi under my command for the onth of lovember. All times are local TIME ZONE KILO (-10).
- 2. On Tuesday 1 November, BETANO was on the slip ay at Bundaberg Engineering and Slip ay Co Ltd undergoing refit.
- During the month the hull and tank deck was sandblasted and mechanical work was completed as per the refit ork package.
- On Thursday 24th, BETALO unslipped and on completion of shaft allignment check at 1130, roved to about side the town harf, Bundaberg. During the afternoon the hydraulics power packs were set to work and ork commenced on the realignment of the starboard main envine.

The realignment problem was resolved during the forenoon Sunday 27th and the ship was ready for sea travel on Monday 28th.

5. BETANO sailed for trials at 0320 and on completion at 1030, BETANO sailed for Brisbane.

...../2

6. The overnight passage was uneventful and the ship arrived in Brisbane at 1130 Tuesday 29th.

7. On ednesday 30th, BETANO was alongside HMAS MORETON undergoing refit and the installation of the Decca 916 radar.

TECHNICAL

- as minimum and a substitute of the

DECCA 916. Work commenced on fitting of wiring and associated equipments.

ARMA BROWN GYRO. Was returned from Garden Island fitted and set to work. The modifications at No. 4 tank and superstructure were completed.

The repairs to No. 5 fresh water tank have been completed.

Both shafts and rudders were replaced/alligned and on completion of setting to work were within tolerance.

GANGRAL. The health and morale of the ships company is good and their morale is excellent.

I Have the Honour To Be

Sir,

Your Obedient Servant,

(G.R. RICHTER)

Lieutenant RAN

Commanding Officer

ANTEX A TO 1-16-1 DATED 7 DECEMBER 1977

STEAMING REPORT

1.	Niles steamed this month	263.6
2.	Miles steamed since commissioning	56,563.6
3.	Hours underway this month	27.0
1	Hours underway since commissioning	6616.0

AFNAK B TO 1-61-1 DAT D 7 DECEMBER 1977

EXERCISES AND EVOLUTIONS

NBCD	-	4 -	lov	Fire Exercise
		10 -	Non	Fire Exercise
		16 -	Nev	Fire Exercise
		28 -	Nev	Fire Exercise
		24 -	Nov	Unslipped Ship

SEANANSHIP. Completion of Refit Tests on all anchors and equipment.