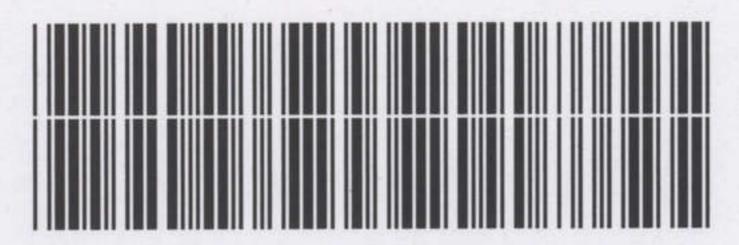
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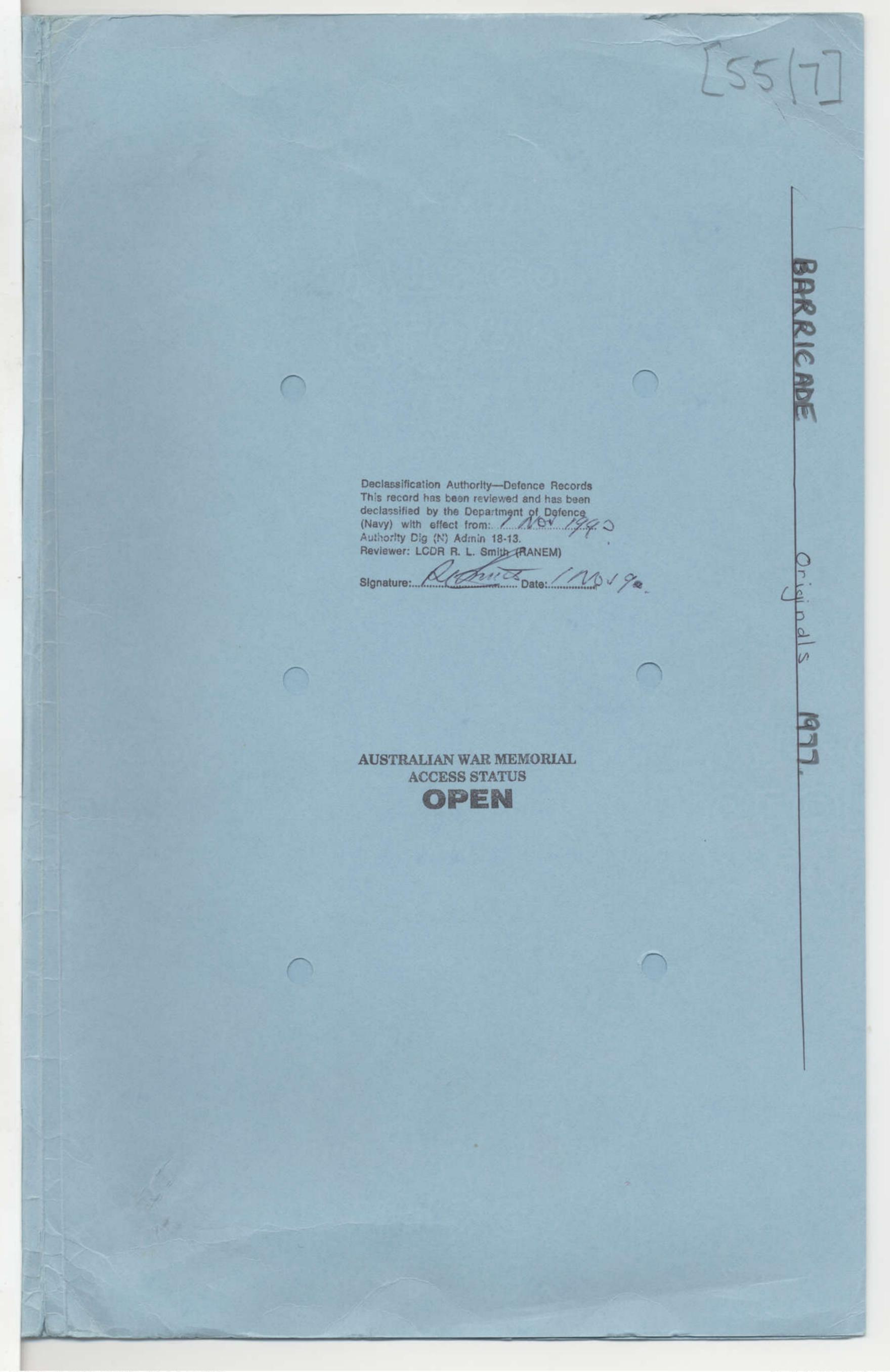
#### **HMAS BARRICADE**

Item number: 55/7

Title: January-December 1977



AWM78-55/7



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TO NAVY HISTORICAL SECTION
MELBOURNE

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DEPARTMENT OF THE NAVY

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### DEPARTMENT OF DEFENCE (NAVY OFFICE)

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



#### DEPARTMENT OF THEEXINDAY DEFENCE

TELEPHONE:

311611

IN REPLY QUOTE

B1/16/22

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

15 FEB 1977

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

Attention: Deputy Chief of Naval Staff

#### HMAS BARRICADE REPORT OF PROCEEDINGS JANUARY 1977

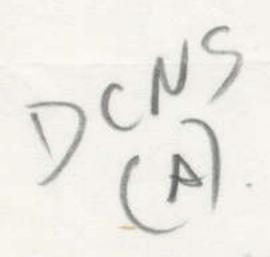
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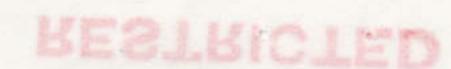
> Eucholy (DAVID NICHOLLS) Captain OBE RAN

Naval Officer Commanding

Queensland.

Enclosure: Report of Proceedings (2 copies)





DEPARTMENT OF THEKNING DEFENCE

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REPLY QUOTE B1/16/22

Naval Staff Office Edward Street Box 1416 GPO BRISBANE, 4001.

15 FEB 1977

Department of Defence (Navy Office) Russell Offices Dakesell Offices

DAINBERRA. ACT 2600

Attention: Deputy Chief of Naval Staff

RMAS BARRICADE REPORT OF PROCEEDINGS JANUARY 1977

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

(DAVID MICHOLLS)
Captain OBE RAN
Naval Officer Commanding
Queensland.

DRICADE NR

Englosure: Report of Proceedings (2 copies)

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INFORMATION ANALYSIS

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RIST. CTED At Gove

HMAS BARRICADE At Gove

1/16/6A

1st February, 1977

The Naval Officer Commanding QUEENSLAND

#### For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander AUSTRALIAN MINE WARFARE AND PATROL FORCES

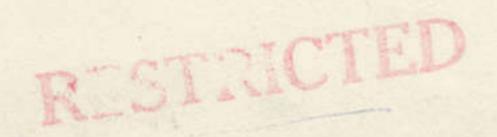
The Commanding Officer HMAS CAIRNS

#### HMAS BARRICADE - REPORT OF PROCEEDINGS - JANUARY 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship BARKICADE under my command for the month of January, 1977. All times throughout this report are KILO (-10).
- 2. At the beginning of the month BARRICADE was alongside HMAS FLINDERS at Cairns undergoing an AMP period.
- HMA Ships BARRICADE, ADVANCE, BAYONET and BARBETTE sailed at 050800 for a squadex and ADVANCE's ORE. Exercises as at Annex Bravo were carried out and the ORE successfully completed at 061545.
- 4. The following day at 1430 BARRICADE sailed with ADVANCE and BAYONET in company. These two ships were detached at 1530 for passage north whilst BARRICADE turned south for an area Bravo Patrol
- BARRICADE berthed at 101200 in Mackay for an overnight fuelling stop. It had been planned to proceed to the Swains Reef area prior to this stop but the weather was unsuitable. The ship sailed at 110800 and proceeded on passage to Townsville.
- 6. The ship berthed at 0800 on the 12th and we had the honour of embarking you, Sir, for a days exercises at sea which concluded with a reberthing at Townsville at 1600.
- 7. The ship sailed at 1630 and anchored overnight in Horse-shoe Bay and thence proceeded out through the Palm Passage for passage to Cairns outside the reef.
- 8. BARRICADE berthed in 1-1 Cairns at 141000 to undergo a 10 day AMP period.

BAR/2



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- 9. BARRICADE sailed for a Gulf Patrol at 241000. During passage north it was found that the recently recycled General Service Battery Bank was unserviceable. The ship berthed alongside FLINDERS in the C. Weymouth area to seek technical advice. It was decided to return to Cairns for repairs however, repairs were affected during the night of the 26th and the ship reversed course for the Gulf berthing in Weipa at 271400.
- 10. The ship sailed the following morning and during that afternoon 3 Taiwanese stern trawlers were boarded about 25 miles off the coast. Passage to the southern gulf was made and during the night 7 sets of lights were sighted but no further action taken as vessels were 30-40 miles off the coast.
- 11. Three gill netters were sighted 25 miles north of Mornington Island during the afternoon of the 29th, two of which were arrested by ADROIT later that night.
- The remainder of the passage to Gove was uneventful and the ship berthed at the General Cargo Wharf at 31 1400 and clocks were retarded 30 minutes to zone IK  $(-9\frac{1}{2})$ . The ship remained alongside overnight.
- 13. A security lecture was delivered to the ships company during the month.

#### X

#### ENGINEERING

14. Both main engines continued to perform satisfactorily with only minor defects occuring. The steering gear now performs satisfactorily after the fitting of a second steering box and a new ram.

#### ELECTRICAL

- 15. After a large amount of contract work on the 975 Radar, it still fails to function to the required limits. At the present time a poor reasonable picture is available on two opposing 800 sectors only. URDEF 27/78 was raised for a new aerial motor which has been fitted.
- 16. URDEF 28/78 was raised and rectified on 23 JAN when several earths were found in the starting circuits. Four new starter motors were fitted.
- 17. URDEF 29/78 was raised on 25 JAN when 6 cells were found U/S in the General Service Battery Bank. Several earths were found and rectified but the bank still causes concern in that it will not hold a full charge for any length of time. All battery banks were recycled during the week ending 23rd JAN 77.
- 18. All other electrical defects have been of a minor nature and well within ship's staff capabilities.

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#### HEALTH, WELFARE AND MORALE

19. The health of the ships company is good and morale high. One sailor has been sent on compassionate leave and has a posting as a result.

I have the honour to be Sir,

Your obedient servant

(W.F.A. WILSON) And Lieutenant, RAN Commanding Officer

Annexes: A. Steaming Figures

B. Exercises Conducted

Annex A to

HMAS BARRICADE

Report of Proceedings

Dated 1st February, 1977

#### STELMING FIGURES

Distance steamed during month
Distance steamed since commissioning
Hours underway during month
Hours underway since commissioning
Hours in excess of economical speed:

3,100.8 miles 191,070.9 miles 245.6 hours 14,286.8 hours

5th/6th - various - Squadex/ORE

Annex B to HMAS BARRICADE Report of Proceedings Dated 1st February, 1977

#### EXERCISES CONDUCTED

NAVIGATION: Formation Departure - 5th, 6th, 7th

00W Manoeuvres - 5th, 6th (XO)

RAS Approaches - 5th

Harbour Defence Exercise - 5th

Minefield Transit - 6th

Anchorage - 9th (COXN), 11th (XO), 12th (XO)

Man Overboard Drills/Ship handling - 12th (All OOW)

Pilotage - Paluma Passage - 26th (CBM)

Blind Pilotage - Albany Passage - 26th (XO)

Pilotage - Weipa 27th (3rd Hand) Steering Gear Breakdown - 12th

SEAMANSHIP: Competitive Drills - 5th

Boardex - 5th, 6th, 28th (3)

Berthing - 7th (XO), 12th (XO)

Towex - 5th, 6th

GUNNERY: AACRF - 5th, 6th

SUFX - 5th, 6th

ADEX - 6th

50 Cal shoot - 12th Small Arms shoot - 12th

AATX - 14th

NBCD: Major NBCDEX - 5th

Emergency/Leaving Ship Stations - 12th

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#### Department of Defence

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# DETAILS OF INFORMATION ANALYSIS

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#### DEPARTMENT OF DEFENCE

(NAVY OFFICE)

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Abzolati



#### DEPARTMENT OF THEXINAVY DEFENCE

TELEPHONE:

2262600

IN REPLY QUOTE

B1/16/3

Naval Staff Office Watkins Place 288 Edward Street Box 1416 GPO BRISBANE. 4001.

3 1 MAR 1977

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

Attention: Deputy Chief of Naval Staff

HMAS BARRICADE 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 BARRICADE letter 1/16/6A dated 2 March 1977



#### DEPARTMENT OF THEMOMY

2262600

B1/16/5

BRISBAME. 4001. Box 1416 GPO 288 Edward Street Watkins Place Naval Staff Office

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

Attention: Deputy Chief of Mayal Staff

HELAS BARRICADE REPORT OF PROCEEDINGS - WEBRUARY 1977

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

Queensland, Maval Officer Commanding Captain OBE RAN (DAVID MICHOLLS)

HMAS BARRICADE letter 1/16/6A dated 2 March 1977 Enclosure:

51 3800

1/16/6A

HMAS BARRICADE At Sea

2nd March, 1977

The Naval Officer Commanding QUEENSLAND

#### For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander
\USTRALIAN MINE WARFARE AND PATROL FORCES

The Commanding Officer HMAS CAIRNS

#### HMAS BARRICADE - REPORT OF PROCEEDINGS - FEBRUARY 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship BARRICADE under my command for the month of February, 1977. All times throughout this report are KILO (-10).
- At the beginning of the month, BARRICADE was alongside at Gove. Sailing was delayed until 1230 due to fuelling delays. On sailing course was shaped for the southern Gulf area. Patrol was continued until 041400 when the ship berthed at Weipa where she remained overnight.
- On sailing, course was once again set for the southern Gulf as this area appeared to contain the most Taiwanese activity.
- 4. The weather deteriorated markedly during the afternoon of the 7th so speed was increased and BARRICADE proceeded north for TI where the ship berthed at 071730.
- The ship remained alongside until 090730 when passage to Cairns was commenced. A rendezvous was made with HMAS FLINDERS at 1920 that evening in the Eel Reef area for transfer of mail.
- BARRICADE berthed in Cairns at 110900 and remained alongeide for 10 days undergoing SMP. During the period the opportunity was taken to carry out practical fire fighting drills with the Cairns Fire Brigade including use of Normal Air Breathing Apparatus.
- 7. BARRICADE sailed at 211000 for an Area A & B patrol and headed for the Torres Strait area. The ship berthed overnight at Thursday Island on 23rd for fuel and thence proceeded south passing through the reef in the C. Flinders area and thence patrolling outside the reef.

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- 8. During the afternoon of the 24th, BARRICADE was ordered to investigate a large oil slick, reported in Torres Strait but no trace could be found.
- 9. The ship anchored in South East Bay, Great Palm Island at 262300. At 0600 the following morning a MARSAR was received on a 12' catamaran overdue in the area. The boat was found on the beach of the bay having taken shelter from the previous nights squalls. No assistance was required.
- 10. The ship berthed at No 7 berth Townsville at 271400 and sailed the following morning. At the end of the month, the ship was on patrol in area Bravo.

#### Engineering

Both main engines have performed satisfactorily during the month. URDEF 31/78 was raised on the 21st when the starboard main engine drive belt snapped and was rectified on the 24th. URDEF 32/78 was raised on the 25th when the start solenoid and RAC relay in the alarm panel became U/S and was rectified on the 28th.

#### Electrical

- 12. URDEF 30/78 was raised on the 975 Aerial motor. The motor was removed, repaired and replaced by the contractor in Cairns. However, the aerial motor is now causing severe interference with the H.F. transceiver and contractors will once again be required.
- 13. All other electrical defects have been of a minor nature and within ship's staff capability.

#### Health, Welfare and Morale

14. The health and welfare of the ships company remains good and morale high.

I have the honour to be

Sir,

Your obedient servant

Lieutenant, RAN Commanding Officer

Annexes: A. Steaming figures.
B. Exercises conducted.

---CTED

Annex A to HMAS BARRICADE Report of Proceedings Dated 2nd March, 1977

#### STEAMING FIGURES

Distance steamed during month

Distance steamed since commissioning

Hours underway during month

Hours underway since commissioning

Hours in excess of economical speed:

07 FEB - 16 KNOTS - 3 HRS - WEATHER

24 FEB - 22 KNOTS - 1 HR - QUARTERLY FULL POWER TRIAL

Annex B to HMAS BARRICADE Report of Proceedings Dated 2nd March, 1977

#### EXERCISES CONDUCTED

Navigator: 00W manoeuvres - 21st

Pilotage 22nd (CBM), 24th (COXN)

Seamanship: Berthing - 4th (XO), 11th (XO), 27th (CBM)

NBCD: Emergency & L.S. Stations - 21st

Practical fire fighting

with Cairns Fire Brigade - 17th

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#### Department of Defence

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# DETAILS OF INFORMATION ANALYSIS

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#### DEPARTMENT OF DEFENCE

(NAVY OFFICE)

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DGNOP Caim & Sulf Patrol for remainder of March. Jr. 445

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TELEPHONE:

2262600

IN REPLY QUOTE B1/16/3

DEPARTMENT OF THE CHICE

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

11 9 APR 1977

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

For Attention: The Deputy Chief of Naval Staff

#### HMAS BARRICADE REPORT OF PROCEEDINGS MARCH 1977

- 1. The enclosures are forwarded in accordance with RI Appendix 29A.
- 2. A report of the collision referred to in paragraph 3 of the enclosure has been forwarded separately to Navy Office.

(P.H. JAMES)

Captain, RAN

Naval Officer Commanding

Queensland.

Enclosure: A. HMAS BARRICADE letter 1/16/6A of April 1977 (2 copies)

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DEPARTMENT OF SEPREMEEN DEFENCE

тыеноне 2262600

IN MERCY QUOTE B1/16/3

Maval Staff Office Box 1416 GPO BRISBANE, Q. 4001.

17 9 APR 1377

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

For Attention: The Deputy Chief of Maval Staff

#### HMAS BARRICADE REPORT OF PROCEEDINGS MARCH 1977

- 1. The enclosures are forwarded in accordance with RI Appendix 29A.
- 2. A report of the collision referred to in paragraph 3 of the enclosure has been forwarded separately to Mavy Office.

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

Enclosure: A. HMAS BARRICADE letter 1/16/6A of April 1977 (2 copies)

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51 3800

1/16/6A

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1st April,	19	77		12	APR	197	7
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The Naval Officer Commanding QUEENSLAND

For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander
AUSTRALIAN MINE WARFARE AND PATROL FORCES

The Commanding Officer HMAS CAIRNS

#### HMAS BARRICADE - REPORT OF PROCEEDINGS - MARCH 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship BARRICADE under my command for the month of March, 1977. All times throughout this report are Kilo (-10) except as indicated.
- 2. At the beginning of the month the ship was on passage to Mackay where she berthed for an overnight fuelling stop at 011400. BARRICADE sailed the following morning at 0800 and rendezvoused with PNGS SAMARAI at 0845.
- During the following 48 hours exercises as attached at Annex B were conducted whilst on passage to Cairns. During the afternoon of the 3rd, SALARAI damaged BARRICADE whilst attempting to come alongside (HMAS BARRICADE KKA 032300 Z MAR 77 refers).
- BARRICADE, with SAMARAI in company, entered harbour and berthed in 1-1 berth, Cairns at 040900 and remained alongside for the next 10 days undergoing a SMP. At 061230, NFS was shortened to 2 hrs due to cyclone activity in the area and then reverted to 8 hrs NFS at 070900.
- 5. BARRICADE took her departure from Cairns at 141300 having had to remain alongside for repairs to the Forward A/C Units and commenced passage to the Gulf of Carpentaria for patrol. The ship berthed overnight at Weipa on the 16th.
- The ship sailed at 170800 for the southern Gulf area and passage to Gove. On the 17th 2 pair trawlers were boarded. BARRICADE berthed at Mission Wharf, Gove at 201330 (1K). Whilst alongside, repairs to the After A/C Unit were carried out by contractor. It was found that the port gearbox lube oil cooler was u/s and, as it was a public holiday in the N.T. on 21 MAR, a contractor was unavailable to carry out repairs until a.m. on the 22nd.

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Repairs completed the ship cast off and proceeded at 221300 (1K) on a 16 Knot passage south in search of 2 Indonesian FFV's (BARRICADE KLG 220315 Z MAR 77 refers). The vessels were boarded and searched at 231050 and were found to have a catch of prawns onboard. During the next 24 hours 5 Taiwanese gill netters were identified and reported.

- At approximately 240930 the HF transceiver became unserviceable and passage was made to Mornington Island Mission to clear a Check Report and request a serviceable radio. It was decided to proceed to Karumba as this was the nearest harbour with regular air services and fuel. BARRICADE anchored off the Fairway Beacon at 242105 and a pim was cleared through a passing Australian Trawler.
- 8. At 1000 the following morning, BARRICADE followed Karumba Endeavour into harbour to ascertain the position of the channel after the last heavy rains. The ship anchored in the river until the fuelling berth became available at 1820. Fuelling was commenced and the serviceable HF radio installed. Water was unavailable until the next morning and BARRICADE proceeded with only 50% water to be able to sail on the high tide. Passage was taken north to search for the 2 Indonesian FFVs. NFU Officer Mr P. Collins was embarked.
- 9. No contact was made with these vessels (despite aerial searches) however, 5 Taiwanese gill netters were identified and reported before the ship berthed at Weipa at 291400 for fuel.
- BARRICADE cast off and proceeded the following morning at 300800 and at the end of the month was on passage to Cairns.

#### ENGINEERING

- 11. Both main engines have run satisfactorily during the month with only minor defects occuring.
- 12. Two A/C URDEFs were raised on Nos 1 and 3 Units. No 1 unit was rectified by contractor in Cairns on the 14th and No 3 unit by contractor in Gove on 20th. No 1 unit is still not operating satisfactorily and action will be taken on arrival at Cairns.

#### ELECTRICAL

- 13. All outstanding defects on the 975 Radar have been rectified by contractor/Ship's Staff and has operated satisfactorily during the present patrol.
- 14. URDEF 37/78 on the AN/URC 58 was rectified by replacement in Karumba on the 25/3. URDEF 38/78 was raised on the Echo Sounder on 26/3 and will be rectified on return to Cairns as will INDEF 27/78 on one cell in the 24 volt General Service Battery Bank which has a crack in it.
- 15. All other defects have been of a minor nature and well within ship's staff capabilities.

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#### HEALTH, WELFARE AND MORALE

One sailor suffered a broken toe during the month and was treated in Weipa. The morale of the ship's company remains high.

I have the honour to be Sir,

Your obedient servant

(W.F.A. WILSON)
Lieutenant, RAN
Commanding Officer

ANNEXES: A. Steaming Figures

B. Exercises Conducted

ANNEX A TO HMAS BARRICADE REPORT OF PROCEDDINGS DATED 1st APRIL, 1977

#### STEAMING FIGURES

Distance steamed during month

Distance steamed since commissioning

Hours underway since commissioning

Hours underway during month

Hours in excess of economical speed;

4,045 miles

198,810.4 miles

14,858.5 hours

295.4 hours

2nd - 4th - Various - Exercise with PNGS SAMARAI 22nd/23rd - 16 KNOTS - 17 HOURS - Indonesian FFV Search 24th - 20 KNOTS - 8 HOURS - HF Failure

ANNEX B TO
HMAS BARRICADE
REPORT OF PROCEEDINGS
DATED 1st APRIL, 1977

#### EXERCISES CONDUCTED

NAVIGATION:

00W Manoeuvres (ALL 00W) 2nd, 3rd, 4th.

RAS Approaches (CO/XO) 2nd. Pilotage (XO-KARUMBA) 26th.

SEAMANSHIP:

Berthing - 1st (XO), 4th (COXN), 17th (XO).

BOARDEX - 2nd, 17th (2), 23rd (2).

TOWEX - 2nd.

GUNNERY:

Small Arms Shoot - 28th.

NBCD:

Major NBCDX - 2nd.

Emergency and Leaving Ship Stations - 14th.

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File Number

# **DETAILS OF INFORMATION**

Security Classification **ANALYSIS** \* NOTE: Please print all entries clearly. REGISTRATION (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 Originator Information Classiff (Signature) (Date)

FILE: 428/3/224

#### DEPARTMENT OF DEFENCE

(NAVY OFFICE)

DNO Apart from machinery problems, an uneventful DGNOP from the Gulf Colors of t

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

#### DEPARTMENT OF THEX NAVAX DEFENCE

TELEPHONE:

2262600

IN REPLY QUOTE B1/16/22

Naval Headquarters
Box 1416 GPO
BRISBANE. Q. 4001

2 7 MAY 1977

The Department of Defence (Navy Office)
Russell Offices

CANBERRA. A.C.T. 2600

Attention: DCNS

For Information:

The Flag Officer Commanding H.M. AUSTRALIAN FLEET

#### HMAS BARRICADE REPORT OF PROCEEDINGS APRIL 1977

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

(P.H. JAMES) Captain, RAN

Naval Officer Commanding

Queensland

Enclosure: HMAS BARRICADE letter 1/16/6A of 3 May 1977 (2 copies)

RESTRICTED

51 3800

RESTRICTED BARRICADE At Cairns

1/16/6A

3rd May, 1977

The Naval Officer Commanding QUEENSLAND

#### For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander AUSTRALIAN MINE WARFARE AND PATROL FORCES

The Commanding Officer HMAS CAIRNS

#### HMAS BARRICADE - 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. All times throughout this report are KILO (-10).
- 2. At the beginning of the month, the ship was on passage to Cairns where she berthed at 0.10900. On completion of fuelling the ship shifted berth to No 1 Wharf and commenced a SMP.
- BARRICADE proceeded to sea at 12 1130 for passage to Weipa. Delay in departure was occasioned by an echo sounder defect. At approximately 1830 that day, the after turbo blower on the starboard main engine was found to be seized and thus course was reversed to Cairns where she berthed at 13 0715.
- BARRICADE, with BAYONET in company sailed at 18 1600 for Operation Violin. During the following forenoon the echo sounder once again became unserviceable and high cylinder temperatures were registered on several cylinders of the starboard engine. This engine was shut down and the ship returned to Cairns for investigation by Base Staff.
- By 19 2000, no defect could be found so the ship, with Base Staff embarked, put to sea for trials. No defects became apparent so, after disembarking Base Staff at 2130, the ship sailed on passage to Weipa where she berthed at Evans Landing at 21 1415. During that evening, a Cocktail Party was held onboard for twenty local community members who had given assistance to Patrol Boats during the past 18 months.
- 6. BARRICADE sailed at 0900 the following morning for an eastern Gulf patrol. All contacts were investigated but only Australian Trawlers and Taiwanese Gill Netters were identified -

/2

2.

all contacts being outside the 12 mile DFZ.

- 7. The ship berthed at Thursday Island at 1400 on the 24th to partake in Anzac Day Celebrations. Sixteen members of the Ship's Company took part in the Dawn Service and Breakfast. Eight members were flown to Bamaga during the morning to take part in the march there.
- Passage to Cairns was commenced at 26 1200. Due to the rough weather encountered the ship came to anchor each night at about midnight and sailed the following day at 0700.
- An uneventful passage to Cairns was completed when the ship berthed at NQEA Fitting Out Wharf at 29 0800. The remainder of the month was spent in preparation for the forthcoming Intermediate Docking.

#### ENGINEERING

- 10. Urdefs 41 and 43 of 78 were raised on the main engines during the month for u/s blower and high cylinder head temperatures respectively. The former was rectified by replacement, but no cause could be found for the latter. For the remainder of the month the main engines have operated effectively.
- 11. The No 1 A/C Unit was found to have a defective compression and a new unit was fitted. The new compressor was found also to be defective. This was repaired by ship's staff and the unit put to work. TM179 action has been taken.

#### ELECTRICAL

- 12. One bank of batteries was replaced when several cells were found to be buckled (Urdef 39/78). Urdef 40/78 was raised on the battery charger when it was found that the ammeter was U/S and the charge rate excessive. These problems were rectified by base staff.
- The echo sounder has become u/s on three occasions recently which recessitated the fitting of a new unit and subsequent by contractor. It presently is operating satisfactorily.
- 14. Urdef 45/78 was raised when all gyro repeats would not follow. Ship's Staff rectified the defect and Base Staff are to further investigate the defect.

13

#### HEALTH, WELFARE AND MORALE

The health and welfare of the ship's company is good and morale high.

> I have the honour to be Sir,

Your obedient servant

(W.F.A. WILSON) Lieutenant RAN Commanding Officer

Annexes: A.

Steaming Figures Exercises Conducted B.

Annex A to HMAS BARRICADE Report of Proceedings dated 3rd May 1977

#### STEAMING FIGURES

Distance steamed during month

2,347.2 miles

Distance steamed since commissioning

201,157.6 miles

Hours underway during month

165.4 hours

Hours underway since commissioning

15,023.9 hours

Annex AB to
HMAS BARRICADE
Report of Proceedings
dated 3rd May 1977

#### EXERCISES CONDUCTED

NAVIGATION: Anchorage XO - 18th

Night Pilotage XO - 19th

SEAMANSHIP: Single Engine Berthing XO - 13th

Heaving Line Transfer - 24th

NBCD: Minor NBCDX - 5th

Emergency/Leaving Ship Stations - 12th

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#### DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS BARRICADE

REPORT OF PROCEEDINGS May 1977

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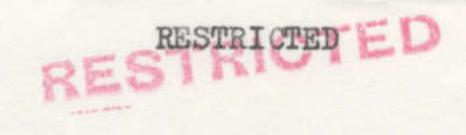
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TELEPHONE:

2262600

IN REPLY QUOTE B1/16/22

DEPARTMENT OF THEXXINANCYX DEFENCE

> Naval Headquarters Box 1416 GPO BRISBANE. 4001

1 0 JUN 1977

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

Attention:

29A.

Deputy Chief of Naval Staff

#### HMAS BARRICADE REPORT OF PROCEEDINGS MAY 1977

The enclosures are forwarded in accordance with RI Appendix

(P.H. JAMES) Captain RAN

Naval Officer Commanding

Queensland.

Enclosure:

HMAS BARRICADE letter B1/16/7A dated 1 June, 1977

(2 copies)

CENTRE



DEPARTMENT OF THEXIDAWN

2262600

IN MPLY QUOTE B1/16/22

BRISBAME, 4001 Box 1416 GPO Mayal Headquarters

1 0 JUN 1977

Russell Offices Department of Defence (Navy Office)

CAMBERRA. ABT 2600

Attention: Deputy Chief of Mayal Staff

MAY 1977 HEAS BARRICADE REPORT OF PROCEEDINGS

The enclosures are forwarded in accordance with RI Appendix

291.

Captain RAM (P.H. J.MEES

Queensland. Maval Officer Commanding

(M. Enclosure:

(2 copies) HMAS BARRICADE letter B1/16/7A dated 1 June, 1977

DEPT. OF DEFENCE INFORMATION ANALYSIS CENTRE

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DEPT. OF DEFENCE

(NAVY OFFICE) BRISBANE

- 8 JUN1977

HMAS BARRICADE

51 3800

1/16/7 A.

At Cairns \_\_\_\_\_ 1st June, 1977

The Naval Officer Commanding QUEENSLAND

### For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander AUSTRALIAN MINE WARFARE AND PATROL FORCES

The Commanding Officer HMAS CAIRNS

### HMAS BARRICADE - REPORT OF PROCEEDINGS - MAY 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship BARRICADE under my command for the month of May 1977. All times throughout this report are KILO (-10).
- 2. At the beginning of the month the ship was alongside NQEA Fitting Out Wharf preparing for the forthcoming Intermediate Docking.
- BARRICADE entered Dry Dock under her own power at 0800 on the 3rd and was dry by 1100. During the next thirteen days the opportunity was taken to completely strip the ships side and deck back to bare metal to get rid of accumulated coats of paint. Planned maintainence was progressed whilst normal ID items were carried out and new intermediate shafts and five bladed propellors fitted.
- 4. The ship was warped out of dock at 162000 and cold moved by tug DALY to the F.O.W. The following forenoon and afternoon was a rush of fuelling, storing, ammunitioning etc in readiness for sea trials. Sea trials were successfully completed at 1615 that afternoon when BARRICADE berthed at No 1 Berth. Provisioning was then completed.
- BARRICADE and BOMBARD departed Cairns the following morning at 0830 and joined up with BARBETTE for her last day of work up which included an AACRF and OOW Manoeuvres. During the firing, the 40/60 was found to be unserviceable and URDEF 47/78 raised. This Urdef remains outstanding at the end of the month. Two members of the local business community were embarked for the exercises.

RESTRICTED

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- BARRICADE reberthed at 1400 and then cast off and proceeded at 1515 to anchor overnight at Double Island. Anchor was weighed at \$\cup\$90600 and BARRICADE was boarded by BARBETTE shortly thereafter as part of her ORE. On completion, BARRICADE took passage south and berthed at Mackay at 20 1400 for an overnight fuel stop.
- 7. The ship sailed at 0800 the following morning and proceeded towards Swains Reef. The following two days were spent in the reef area. Soundings were taken and will be forwarded to the Hydrographer in due course. Gannet Cay Automatic Weather Station was visited and reported on.
- 8. The ship cleared the reef area 241130 and proceeded on passage to Townsville berthing at 241400. Passage to Cairns was commenced at 0800 the following morning and carried out an annual full power trial en route. During the first watch of the 26th, speed trials were conducted over a measured mile. It was found that the fitting of five bladed propellors has reduced speed in the upper range by 3 knots although the vibration in the after end is quite noticeably reduced.
- 9. BARRICADE berthed at the F.O.W. at 270800 and remained alongside for the remainder of the month having 975 radar replaced by Decca RM 916.

#### ENGINEERING

10. Both main engines have performed satisfactorily during the month. A successful annual full power trial was carried out during the month.

#### ELECTRICAL

- 11. Work was commenced on the 27th on the replacement of 975 Radar with RM 916.
- 12. URDEF 48/78 was raised on the 24th on the 21 cu ft deep freeze for a burnt out fan motor. This was rectified on the same day.

### HEALTH, WELFARE AND MORALE

13. The health and the welfare of the ships company remains good, and morale high.

I have the honour to be

Sir,

Your obedient servant

RESTRICTED

Enclosures:

A. Steaming Figures

B. Exercises Conducted

(W.F.A. WILSON)
Lieutenant, RAN
Commanding Officer

### RESIMCIED

ANNEX A TO HMAS BARRICADE REPORT OF PROCEEDINGS Dated 1st June, 1977

### STEAMING FIGURES

Distance steamed during month

Distance steamed since commissioning

Hours underway during month

Hours underway since commissioning

Hours in excess of economical speed:

18th - Var - HMAS BARBETTE Workup.

26th - 21.6 - 2 hours - Annual Full Power Trial.

ANNEX B TO
HMAS BARRICADE
REPORT OF PROCEEDINGS
Dated 1st June, 1977

### EXERCISES CONDUCTED

NAVIGATION: 00W Manoeuvres - 18th Anchorage COXN - 20th

Pilotage COXN - 25th

SEAMANSHIP: BOARDEX - 19th

Berthing 20th (XO) - 25th (COXN)

GUNNERY: AACRF - 18th

NBCD: Emergency and L.S. Stations - 18th

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# DETAILS OF INFORMATION ANALYSIS

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### DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS

BARRICADE REPORT OF PROCEEDINGS AJONE 1977

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- NOTES: A. This copy is circulated so that Heads of Division may see these reports soon after they reach Navy Office.
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M20/m





TELEPHONE: 2262600

IN REPLY QUOTE B1/16/22

### DEPARTMENT OF THEX NAME DEF

Naval Headquarters
Box 1416 GPO
BRISBANE. Q. 4001

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

Attention: Deputy Chief of Naval Staff

19 9 JUL 1977

### HMAS BARRICADE REPORT OF PROCEEDINGS JUNE 1977

The enclosures are forwarded in accordance with RI Appendix

294.

(P.H. JAMES) Captain, RAN

Naval Officer Commanding Queensland.

of

Enclosure: HMAS BARRICADE letter 1/16/7A dated 28th June 1977 (2 copies)

For Information:

The Flag Officer Commanding H.M. Australian Fleet

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DEPARTMENT OF XHEXISTAND

BRISBANE. Q. 4001 Box 1416 GPO Maval Headquarters

1977 JUL 1977

IN REPLY QUOTE B1/16/22

2262600

Department of Defence (Navy Office)

CANDERRA. A.C.T. 2600 Russell Offices,

Attention: Deputy Chief of Maval Staff

JUME 1977 HEAS BARRICADE REPORT OF PROCESDINGS

The enclosures are forwarded in accordance with RI Appendix

294.

Queensland. Maval Officer Commanding Captain, RAN (P.H. JAMES)

(2 copies) Enclosure: HMAS BARRICADE letter 1/16/7A dated 28th June 1977

For Information:

H.M. Australian Fleet The Flag Officer Commanding JUL 12 15 47 '77

DEPT.OF SEFENCE
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HMAS BARRICADE BLOOK Report of Proceeding

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51 3800

1/16/7A

HMAS BARRICADE At Cairns

28th June, 1977

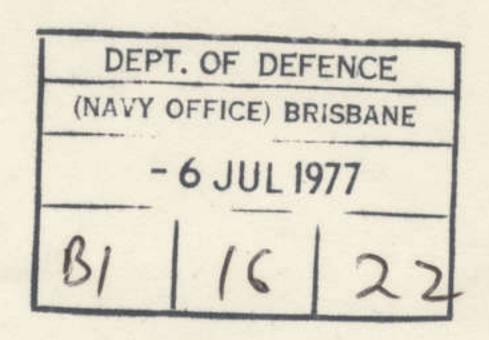
The Naval Officer Commanding QUEENSLAND

### For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander
AUSTRALIAN MINE WARFARE AND PATROL FORCES

The Commanding Officer HMAS CAIRNS



### HMAS BARRICADE - REPORT OF PROCEEDINGS - 1ST - 28TH JUNE 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship BARRICADE under my command for the period 1st 28th June 1977. All times throughout this report are KILO (-10).
- 2. The first ten days of the month were spent alongside undergoing an AMP which included the removal of 975 radar and replacement with Decca RM 916 A. Set to work and acceptance trials were successfully carried out on Friday 10th.
- At 091100, His Excellency the Pakistan Ambassador to Australia, New Zealand and Fiji, Mr RIAZ PIRACHA arrived onboard to present the Pakistani Shield. On completion His Excellency attended a buffet luncheon onboard with the Ship's Company and wives.
- A successful families day was held on Saturday 11th the ship anchoring in the lee of Double Island and landing families for a B.B.Q. Whilst returning the port engine became unserviceable (URDEF \* /78) and necessitated the replacement of two heads.
- The Flag Officer Commanding HM AUSTRALIAN FLEET Rear Admiral N.E. McDONALD O.A. carried out an informal inspection of the ship on Sunday 12th.
- The port engine defect was rectified late pm of the 13th and thus BARRICADE was able to cast off and proceed at 140900 for an area B and C Patrol. Passage south was uneventful. Despite numerous reports of Taiwanese in the Keppel Island area no contact, visual or radar, was made when in the area. The ship was reported by the Cape Capricorn Lighthouse Keeper when upper deck lighting was switched on for a short period.
- 7. BARRICADE berthed at HMAS MORETON at 170800 to commence the annual weekend visit to Brisbane. During the visit I had the

/2

pleasure of calling on you, Sir, and COMAUSLANCRON ONE.

- 8. The ship cast off and proceeded at 200800 for passage north, but was forced to return to Brisbane on two occasions, one due to adverse weather and once to rectify an URDEF on the port main engine. The numerous trips up and down the river were utilised to give valuable pilotage training to all 00Ws and Assistant 00W.
- 9. Final departure from Brisbane was affected at 22 1745 and an uneventful passage to Cairns ensued. A visual/radar search of the Keppel Island area was once again carried out, but no contacts materialised. The ship berthed at No 10 berth Cairns at 250900 and then shifted to No 1 Berth on completion of fuelling.
- 10. BARRICADE cast off and proceeded at 27 1000 to carry out trials for HYDRO and WRE in the Cairns area reberthing at 1552.
- 11. At 280900 I handed over command to LEUT M.J. PETCH RAN.

### ENGINEERING

12. A7 and A8 Cylinder heads on port main engine were replaced on 11th (URDEF 49/78). URDEF 50/78 was raised on 22nd for the Lube Oil Flexible Hose on the port main engine and was repaired by replacement. All other defects were of a minor nature and repaired by ship's staff.

#### ELECTRICAL

13. RM916A radar installation was completed on the 10th and the set is performing well. URDEF 51/78 on the echo sounder was repair on 25th, but again became U/S on the 27th.

### HEALTH, WELFARE AND MORALE

The health and welfare of the ships company is good and morale high.

I have the honour to be

Sir,

Your obedient sorvant

(W.F.A. WILSON) Lieutenant, RAN Commanding Officer

Annexes: A. Steaming Figures.

B. Exercises Conducted.

### RESTRICTED ANNEX A TO

REPORT OF PROCEEDINGS Dated 28th June, 1977

### STEAMING FIGURES

Distance steamed during period Distance steamed since commissioning Hours underway during period Hours underway since commissioning

2039.8 nm 204,521.7 nm 158.5 hrs 15,286,6 hrs

ANNEX B TO HMAS BARRICADE REPORT OF PROCEDINGS Dated 28th June, 1977

### EXERCISES CONDUCTED

NAVIGATION:

Pilotage - Brisbane River XO (20th) Third Hand (17th), COXN (21st).

SEAMANSHIP:

Berthing - Third Hand (25th), XO (20th).

NBCD:

Emergency and L.S. Stations 14th.

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# DETAILS OF INFORMATION ANALYSIS

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# DEPARTMENT OF DEFENCE

(NAVY OFFICE)

HMAS BARRICADE REPORT OF PROCEEDINGS 28 JUN - 31 JULY 47

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REF: INO/PB/7 TEL: 359 3748



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DEPARTMENT OF DEFENCE- NAVY

Inspector Naval Ordnance, PO BOX 706, DARLINGHURST N.S.W. 2010 PRLOW.

28 OCT 1977

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

Attention: Director Naval Ordnance Inspection .

LOGGED

HMAS BARRICADE REPORT OF PROCEEDINGS -

JULY 1977

Reference: Dept of Defence (Navy) letter 428-3-2411(DNOI) dated 13th October 1977.

- 1. The Series Inspection of HMAS BARRICADE's 40/60 ordnance was carried out at HMAS CAIRNS on 13th May 1977 by base staff in conjunction with an INO(S) S/E representative.
- 2. Due to an Air Traffic Controllers' dispute W.E.S.O fitters were unable to be present. The INO(S) representative was in the area prior to the dispute, carrying out an after-mounting inspection on HMAS BARBETTE.
- Records show that the gun was inspected and sentenced serviceable; however the incorrect assembly of the rammer claws as mentioned in paragraph 11 of the reference was obviously inadvertently missed by the INO(S) representative.
- 4. INO(S) check sheets will be amended to reflect a check for the correct assembly of the rammer claws at future inspections.

DIOS I

(J.N. CROSTHWAITE)
COMMANDER (I) RAN

INSPECTOR NAVAL ORDNANCE(SYDNEY)

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REF: INO/PB/7



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DEPARTMENT OF DEFENCE. MAY

Inspector Naval Ordnance, PO BOX 706, DARLINGHURST M.S.W. 2010

PRLOW.

LOGGED

28 OCT 1977

Department of Defence , Mavy Office, CANHERRA A.C.T. 2600.

Attention : Director Maval Ordnance Inspection .

HMAS BARRICADE REPORT OF PROCREDINGS -

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166/4 DA0J OEDITON ANALYSIS INSPECTOR NAVAL ORDNANGE (SYDNEY)

CENTRE

COMMANDER (I) RAN

CENTRE

COMMANDER (I) RAN

Nov 2 11 07 '77

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#### DEPARTMENT OF DEFENCE

Naval Headquarters Box 1416 GPO BRISBANE 04001

Telephone: 2262600

In Reply Quote: B1/16/22

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

For Information:

98 AUG 1977

The Flag Officer Commanding H.M. Australian Fleet

### HMAS BARRICADE REPORT OF PROCEEDINGS JULY 1977

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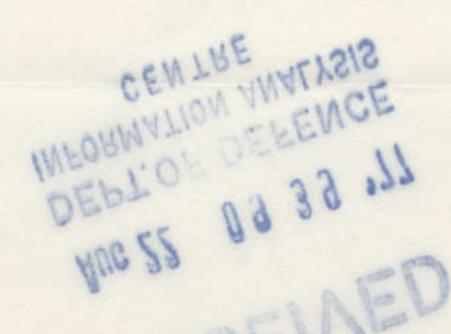
29A.

(P.H. JAMES)

Captain RAN Naval Officer Commanding

Queensland A - L

Enclosures: HMAS BARRICADE letter 1/16/7A of 1 August 1977 (2 copies)





### DEPARTMENT OF DEFENCE

Naval Headquarters Box 1416 GPO ERISBANE Q4001

Telephone: 2262600

In Reply Quote: B1/16/22

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

For Information:

The Flag Officer Commending H.M. Australian Fleet

HMAS BARRICADE REPORT OF PROCEEDINGS JULY 1977

The enclosures are forwarded in accordance with RI Appendix

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294.

(P.H. JAMES)
Captain RAN
Maval Officer Commanding
Queensland

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Enclosures: HMAS BARRICADE letter 1/16/7A of 1 August 1977 (2 copies)

New AMAS PRECEIVED AND 22 09 39 '77
INFORMATION ANALYSIS

51 3800

1/16/7A

HMAS BARRICADE At Cairns

1st August, 1977

The Naval Officer Commanding QUEENSLAND

### For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander AUSTRALIAN MINE WARFARD AND PATROL FORCES

The Commanding Officer HMAS CAIRNS

### HMAS BARRICADE REPORT OF PROCEEDINGS - JULY 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship BARRICADE under my command for the period 28th June 31st July 1977. All times throughout this report are KILO (-10).
- 2. At 280900 June 1977 I assumed command of HMA Ship BARRICADE from LEUT W.F.A.. WILSON RAN. The ship was alongside No 1 Wharf, Cairns, completing a SMP.
- BARRICADE sailed for a Gulf of Carpentaria patrol (Areas S & T) at 040900 July 1977. Passage north was made via the inner reef recommended track during which living conditions onboard were made uncomfortable by a following force 6 wind and sea. The ship anchored in the lee of Albany Island at 051800. Little respite from the wind and sea was obtained and BARRICADE weighed and proceeded at 052250. At 052359 the ship anchored between Possession Island and Meddler Island where adequate protection from the weather was provided by the land mass of Cape York Peninsula.
- 4. At 060640 BARRICADE weighed and proceeded for Thursday Island berthing alongside the Caltex Wharf at 060800. Fuelling completed the ship shifted berth to the Main Wharf at 060940.
- Whilst alongside the opportunity was taken to invite several members of the Thursday Island Centenary Committee onboard to discuss arrangements for BARRICADE's programmed visit as part of the T.I. centenary celebrations, for the period 16th 24th July, 1977.
- At 070815 BARRICADE sailed for the Gulf of Carpentaria. On rounding Booby Island course was shaped south to follow the East Gulf limit of the DFZ. At 1850 a group of contacts were detected by radar 25 miles west of Buyfken Pt. Course was altered to intercept. Between 2000 2300 ten contacts were positively identified by light as Taiwanese pair trawlers (HMAS BARRICADE KBG

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071810Z JUL 77 refers). At 2315 patrol was resumed south for part of the night returning to the vicinity of the Taiwanese fishing fleet at 080800.

- 7. During the forenoon of the 8th July, six Taiwanese pair trawlers were stopped and boarded to check for breaches of the Continental Shelf Act. All were found to hold legal catches. The remainder of the Taiwanese fishing fleet were then positively identified by name and registration number. (HMAS BARRICADE KBG 080450 Z JUL 77 refers). In all thirty Taiwanese trawlers were found to be operating in a ten square area using "mine sweeping type" formations to cover the ground. At 081300 patrol was resumed south and BARRICADE anchored off Arukun Mission at 1700.
- 8. Anchor was weighed at 090600 and patrol north along the limit of the DFZ resumed. The Taiwanese fishing fleet was found to be operating in the same area but a force 5 wind precluded any boardings. The ship anchored off Pennefather River at 1800.

  BARRICADE weighed and proceeded south at 100900. A further four Taiwanese trawlers had joined the Taiwanese fishing fleet and these were positively identified (HMAS BARRICADE KBG 100800Z JUL 77 refers). Five Taiwanese trawlers were subsequently boarded and catches investigated. BARRICADE anchored off Norman Creek for the night at 1900. At this stage of the patrol the only FFV's sighted were operating together about 25 miles west of Duyfken Pt. All contacts closer inshore proved to be Australian fishing vessels.
- 9. The ship weighed at 110700 and a fast passage was made to Weipa to obtain medical attention for a sailor. BARRICADE anchored in mid-stream off Evans Landing at 0930 and the injured sailor was landed-by boat. An alongside berth was obtained at Evans Landing at 1330 and the ship fuelled and replenished water. Berth was shifted to Humbug Wharf at 1530 to allow a tanker to berth alongside Evans Landing later that evening.
- 10. BARRICADE sailed at 120815 and course was shaped SW for the Wellesby Island group. Mornington Island was raised by radar at 130215 at a range of 44 miles. The ship's RM 916A Decta radar, installed as the replacement for 975 radar during the June ALP, has been giving an excellent performance this patrol. Average detection ranges of steel hulled fishing vessels have been 25 miles and accurate radar fixing of land is possible at 30 miles. At 0300 two radar contacts were detected within the DFZ off Mornington Island at a range of 37 miles and course was altered to intercept. The three hour chase which followed proved fruitless, however, as the two contacts were subsequently identified as Australian prawn boats the KARUMBA FLINDERS KOO and KARUMBA NORMAN. The remainder of the day until 1600 was spent patrolling the DFZ of the Wellesby Islands.
- 11. At 1600 an unsuccessful 40/60 Gun Functioning Trial was attempted to the west of Rocky Island. It was subsequently found that the rammer claws had been fitted incorrectly by I.N.O. staff at the gun's last series inspection. This defect was remedied by HMAS CAIRNS base staff on 26 July 1977, however URDEF 47/78 remains outstanding until the 40/60 is proved. It is intended to effect this on the 3rd August 1977.

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- 12. A small arms shoot was conducted on completion of the 40/60 Gun Functioning Trial and the ship's boarding party were instructed in the operation of the F1 Sub Machine Gun and the 9mm pistol. Three F1 SMGs were issued to BARRICADE on sailing for this patrol as a substitute for the 7.62 SIRs formerly used by the ship's boarding party. The F1 SMG's compact size and easier handling characteristics have facilitated boarding and searching operations of FFVs this patrol. The small arms shoot completed, course was set for Rocky Island and the ship anchored at 1800.
- 13. The forenoon of the 14th July was spent at anchor to allow ship husbandry to be progressed prior to BARRICADE's arrival in Thursday Island for the T.I. Centenary. Anchor was weighed at 1400 and course set for the Bast Gulf.
- 14. At 150530 course was altered to investigate three radar contacts 16-20 miles west of Cape Keerweer. These proved to be three Taiwanese Gill netters and all were boarded and investigated (HMAS BARRICADE KBG 150020 Z JUL 77 refers). Patrol north was resumed at 0840.
- 15. At 151140 course was altered to investigate two radar contacts whose position was fixed 12.8 miles west of False Pera Head. The contacts were identified as two Taiwanese pair trawlers stopped in the water recovering nets. Both were boarded and investigated (HMAS BARRICADE KBG 150350 Z JUL 77 refers).
- 16. Patrol north was resumed at 1330 until course was altered to the West to investigate ten Taiwanese pair trawlers operating in a group 21 miles west of Fera Head. Individual trawlers were identified between 1500-1545 (HMAS BARRICADE KBG 150702% JUL 77 refers). Course was then set for a group of radar contacts 10-15 miles north of Pera Head. These were identified as Australian prawn trawlers at 1600. At this time the main body of the Taiwanese fishing fleet was raised on radar 30 miles to the NNW and course was altered to intercept. Eighteen Taiwanese pair trawlers were operating within a ten mile radius of a position 35 miles west of Duyfken Point (HMAS BARRICADE KBG 150950Z JUL 77 refers). Twelve trawlers were identified between 1800-2000, the remaining six were not identified as passage to Thursday Island had to be commenced to make good BARRICADE's ETA.
- 17. Enroute to Booby Island course was altered to investigate two radar contacts 34 miles west of Vrilya Pt. These were identified at 160013 as two Taiwanese pair trawlers at anchor. (HMAS BARRICADE KBG 152205 Z JUL 77 refers). Passage to Thursday Island was then resumed.
- 18. The weather deteriorated markedly as BARRICADE neared Booby Island and an uncomfortable passage was made until the ship anchored at 160548 in the lee of Goods Island.
- 19. BARRICADE weighed and proceeded at 0720 berthing at the Main Wharf Thursday Island at 0800.
- 20. A squad of one officer and ten sailors from BARAICADE marched in the Thursday Island Centenary parade which commenced at

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#### 4.

### RESTRICTED

- 161115. This was a most impressive and colourful event with the North Queensland Army band and many floats and exhibitions from Thursday Island and surrounding islands participating. That evening seven sailors from SMAS BARRICADE performed the duty of escorts for the entrants in the "Charity Queen" and "Queen of Pearls" quests at the National Heart Foundation Ball.
- 21. On Sunday evening, 17th July, BARKICADE hosted an official cocktail party for 38 local dignitaries of Thursday Island. Mr David Thompson M.P., federal member for Leichardt, and Mrs Thompson were among the guests that attended.
- 22. At 180830 BARKICADE moved to the Caltex Wharf to fuel returning to the Main Wharf at 1130. During the afternoon the ship was visited by children from the Thursday Island High School and Primary School.
- A fireworks display was conducted from the Engineer's Wharf on Wednesday evening, 20th July. Four sailors from BARRICADE assisted in the operation of the fireworks. This was followed by exhibitions of island dancing on the sports ground.
- BARRICADE shifted berth to the Engineers Wharf at 210630 to allow the MV WEIPA to berth at the Main Wharf to discharge cargo. At 1710 BARRICADE lay off the Engineers Wharf to allow the MV MELBIDIR to berth alongside. The ship berthed on the MELBIDIR at 1730. That evening a sports night was held at the Thursday Island basketball stadium featuring basketball matches and exhibitions of karate. The BARRICADE basketball team was narrowly defeated by a representative Thursday Island team.
- 25. The majority of the ship's company attended the Mardi Gras held in the streets of Thursday Island on Friday evening, 22nd July.
- Officiated in the T.I. Centenary boating regatta. The ship moved to the Main Wharf at 0830 to embark official guests. At 0935 BARRICADE sailed for the western extremity of Thursday Island Harbour anchoring in the vicinity of Brisbane Rock buoy at 0950. A gunnery exhibition using 40/60 blank ammunition was conducted whilst proceeding to the anchorage. Whilst at anchor BARRICADE officiated as a checkpoint and timekeeper for the regatta. Anchor was weighed at 1120 and ship reberthed at the Main Wharf, Thursday Island, at 1140. Between 1400-1700 the ship was open to visitors. A total of 120 people visited BARRICADE. The Thursday Island Centenary Ball held that evening, the last official function of the celebrations, was well attended by the BARRICADE ships company.
- 27. At 240800 BARRICADE sailed for an uneventful passage south berthing at No 10 Wharf, Cairns, at 251500. Fuelling completed, berth was shifted to No 1 Wharf at 1600.
- 28. For the remainder of the month the ship was alongside undergoing a SMP.
- On 29th July BARRICADE had the honour of hosting a luncheon onboard for you, Sir, as part of your biannual inspection of HMAS CAIRNS.

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### ENGINEERING

Both main engines have performed satisfactorily during the month with only minor defects occurring. All defects were within the ship's staff capabilities.

#### ELECTRICAL

- 31. INDEF 30/78 was raised on the 1st July, 1977, when the windlass electromagnetic brake became unserviceable. Ship's staff rectified this defect on the 11th July.
- 32. URDEF 52/78 was raised on the 5th July when the starboard engine solenoid became defective. This defect was rectified by ship's staff on the 11th July, 1977. All other electrical defects have been of a minor nature and within ship's staff capabilities.

### HEALTH, WELFARE AND MORALE

One sailor had to be landed at Weipa suffering from an acute carbunkle. That aside the health and welfare of the ships company is good and morale is high.

I have the honour to be

Sir,

Your obedient servant

(M.J. PETCH) Lieutenant, RAN

Commanding Officer

ANNEX: A. Steaming Figures.

B. Exercises Conducted.

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### RESTRICTED

ANNEX A TO HMAS BARAICADE REPORT OF PROCEDDINGS Dated 1st August, 1977

### STEAMING FIGURES

Distance steamed during month

Distance steamed since commissioning

Hours underway during month

Hours underway since commissioning

2,681.7 miles 207,203.4 miles 201.5 hours 15,488.1 hours

ANNEX B TO HMAS BARRICADE REPORT OF PROCEEDINGS Dated 1st August, 1977

### EXERCISES CONDUCTED

SEAMANSHIP:

Man Overboard CO/XO/NO - 13th

NBCD:

Emergency and Leaving Ship Stations -

7th

Major DC Exercise (Flooding) - 14th

GUNNERY:

40/60 GFT - 13th

Small Arms Shoot - 13th

40/60 Saluting G.F.X. - 23rd

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# DETAILS OF INFORMATION ANALYSIS

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\* NOTE: Please print all entries clearly.

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26, 8, 77 (Date)

FILE: 428/3/ 2467

### DEPARTMENT OF DEFENCE

(NAVY OFFICE)

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IADMIN-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.

Bolioti



#### DEPARTMENT OF DEFENCE

Naval Headquarters
Box 1416 GPO
BRISBANE Q4001

Telephone: 2262600

In Reply Quote: B1/16/22

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

28 SEP 1977

### For Information:

The Flag Officer Commanding H.M. Australian Fleet

### HMAS BARRICADE REPORT OF PROCEEDINGS AUGUST 1977

The enclosures are forwarded in accordance with RI Appendix

29A.

(P.H. JAMES)

Captain, RAN

Naval Officer Commanding

Queensland

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Enclosures: HMAS BARRICADE letter 1/16/7A of 1 September 1977 (2 copies)

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### DEPARTMENT OF DEFENCE

Naval Headquarters
Box 1416 GPO
BRISBANE Q4001

Telephone: 2262600

In Reply Quote: B1/16/22

28 SEP 1977

The 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 BARRICADE REPORT OF PROCEEDINGS AUGUST 1977

The enclosures are forwarded in accordance with RI Appendix

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(P.H. JAMES)
Captain, RAN
Mayal Officer Commanding
Queensland

Enclosures: HMAS BARRICADE letter 1/16/7A of 1 September 1977 (2 copies)

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# RISTRICTE HMAS BARRICADE At Sea

1st September, 1977

The Naval Officer Commanding QUEENSLAND

For Information:

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander AUSTRALIAN MINE WARFARE AND PATROL FORCES

The Commanding Officer HMAS CAIRNS

### HMAS BARRICADE REPORT OF PROCEEDINGS - AUGUST 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship BARRICADE under my command for the month of August, 1977. All times are KILO (-10).
- 2. At the beginning of the month BARRICADE was alongside No 1 wharf, Cairns, completing a SMP.
- At 030900 AUG 77 BARRICADE sailed in company with BARBETTE and ASSAIL to carry out a three day Squadron Exercise in the Cairns Exercise Area in accordance with HMAS CAIRNS letter 5/5/11 dated 21st July, 1977. This also served the dual purpose of a work-up period for ASSAIL who was to undergo an Operational Readiness Evaluation on the 8th August, 1977.
- The squadex proved invaluable to all three patrol boats as the opportunities to practice evolutions and in company exercises between patrol boats are infrequent due to individual patrol commitments. The squadex culminated in a SAREX on Friday morning on completion of which the three patrol boats entered harbour at 050900 AUG 77.
- BARRICADE and DARBETTE berthed at No 10 wharf, Cairns, fuelled and then proceeded upstream to NQEA dockyard where N DA staff fitted funnel handrails to both patrol boats. This was done to lessen the danger to personnel when removing/replacing funnel covers. Dockyard work completed, BARRICADE proceeded to No 1 wharf berthing on ASSAIL at 051225 AUG 77.
- 6. At 080700 AUG 77 BARRICADE sailed in company with the Customs Launch "TAIPAN" for HMAS ASSAIL's ORE in accordance with COMAUSMINPABFOR EXERCISE OPERATION ORDER 5/77. On entering Exercise



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Area R792 TAIPAN was detached and both vessels proceeded to their ordered start positions. ASSAIL, BARBETTE and BAYONET sailed in company from CAIRNS at 080815 AUG 77 and thence followed what was to be another valuable day of patrol boat exercises conducted in less than favourable weather conditions. This was completed by all four patrol boats entering harbour by flags and berthing at No 1 wharf, Cairns, at 081815 AUG 77.

- At 090945 AUG 77 BARRICADE sailed for a compass swing which was conducted in mid stream, Cairns Harbour, by LEUT GLEX PWO(N) K. TUCKEY, RAN. On completion the ship berthed at No 1 wharf at 091056 AUG 77. The remainder of the day was employed in ammunitioning, storing and fuelling ship.
- 8. BARRICADE sailed at 101000 AUG 77 in company with ASSAIL. On departing the leads 00W Manoeuvres using the FBP table were conducted between 1030 1130. On completion ASSAIL was detached to commence passage to DARVIN and BARRICADE altered South to commence a B and C Area Patrol.
- 9. An uneventful passage south ensued. Heavy weather, produced by the South Easterlies, was being experienced and the ship anchored in the lee of Great Palm Island at 102230 AUG 77. Anchor was weighed at 110600 AUG 77 and BARKICADE proceeded south berthing at West Molle Island jetty 111700 AUG 77. The ship sailed at 120700 AUG 77 and passage was made to Mackay where BARKICADE berthed at No 8 Roylen Wharf at 121200 AUG 77.
- 10. At 130800 AUG 77 BARRICADE sailed for SWAINS REAF. The weather had moderated considerably leaving the upper deck free of spray and water and thereby allowing external ship husbandry tasks to be progressed. The ship anchored three cables north of BELL CAY at 131745 AUG 77.
- The intention was to continue the patrol into the SWAINS REEF and SAUMAREZ REEF area. However on sailing at 140700 the weather had once again deteriorated to the extent where reef navigation would have been unsafe. Course was set for High Peak Island and the ship anchored in the lee of the island at 141100 AUG 77 to await a lull in the weather before attempting an outer reef patrol.
- and the decision was made to employ part of the patrol by car ying out formal visits to offshore coastwatchers. At 150800 AUG 77 anchor was weighed and passage made to the PERCY ISLANDS. Between 1100 and 1500 the coastwatchers on PINE ISLET and MIDDLE PARCY ISLAND where the ship anchored at 151900 AUG 77.
- Anchor was weighed at 160630 AUG 77 and passage made to the UNITSUNDAY ISLANDS. Between 0830 and 1730 visits to coastwatchers were made at BRAMPTON IS, LINDEMAN IS, DENT IS LIGHT, LONG IS and HAYMAN IS (HMAS BARRICADE letter 5/2/3A dated 25th August, 1977, refers). BARRICADE berthed at HAYMAN IS jetty at 161700 AUG 77.
- BARRICADE sailed at 170830 AUG 77 and passage was made to BOWEN where the ship berthed at 171200 AUG 77. Fuelling was carried out by road tanker during the afternoon.

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- 15. At 180900 AUG 77 BARRICADE sailed from BOWEN. The forenoon was employed carrying out pilotage and anchorage training for
  all 00W and assistant 00W among the islands south east of Gloucester
  Head. The ship anchored in the lee of RATTRAY IS at 181300 AUG 77
  to allow the upper deck to be painted. Anchor was weighed at
  181600 and an uneventful overnight passage north followed.
- At 190815 AUG 77 BARRICADE anchored off FITZROY IS and an attempt was made to visit the coastwatcher. Rough weather precluded a landing by the ship's boat and the visit was abandoned. Anchor was weighed at 191100 AUG 77 and passage resumed to CAIRNS where the ship berthed at 191200 AUG 77 at No 1 wharf on BARBETTE. DARKIGADE was refuelled that afternoon by road tanker.
- 17. BARRICADE remained alongside until 29th August, 1977, undergoing a SMP. The ship carried out a cold move from No 1 wharf to No 3 Wharf during the afternoon of 25th August, 1977, to allow a merchant ship to berth at No 1 wharf.
- BARRICADE sailed at 291010 AUG 77 for an A Area patrol. Patrol north was commenced in heavy south east seas and squally weather conditions. The ship anchored in the lee of Lizard Island at 292015 AUG 77. Anchor was weighed at 300830 AUG 77 and BARRICADE continued a northerly passage until anchoring between CORBETT and GRUB REEFS at 301630 AUG 77.
- 19. BARRICADE weighed and proceeded at 310600 AUG 77. The weather had abated considerably allowing a comfortable passage to BIRD ISLAND where the ship anchored at 311630 AUG 77.

#### 20. ENGINEERING

URDEF 54/78 was raised on 01 AUG 77 when the fwd fresh water system became defective. This defect will be rectified by contractor (NQEA) on the ship's return to Cairns, 09 SEP 77.

URDEF 55/78 was raised on 03 AUG 77 for the Port and Stbd main engine injectors. This was rectified by contractor (NERCO) in Cairns on 03 AUG 77.

URDEF 56/78 was raised on the 03 AUG 77 when the Port main engine tachometers on the flying bridge and wheelhouse became unserviceable. This was rectified by ships staff on 06 AUG 77.

URDEF 47/78 for the 40/60mm Bofor was rectified on the 03 AUG 77 when the gun was proved during firing serials in the SQUADEX. The defect, incorrectly fitted rammer claws, had been rectified by HMAS CAIRNS base staff.

INDEF 26/78 was rectified on 23 AUG 77 when the ships boat was replaced.

INDEF 31/78 was rectified on 05 AUG 77 when funnel handrails were fitted by contractor (NQEA).

All other defects have been of a minor nature and within ship's staff capabilities.

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### 21. ELECTRICAL

INDEF 32/78 was raised on 26 AUG 77 on the 634 UHF radio which is currently unserviceable through lack of replacement parts for the transmitter.

INDEF 25/78 was rectified on 01 AUG 77 when a new motor was fitted to the Wardroom fridge.

All other defects have been of minor nature and within ship's/Base staff capabilities.

### 22. HEALTH, WELFARL AND MORALE

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

(M.J. PETCH) Lieutenant, RAN Commanding Officer

ANNEX: A. Steaming Figures

B. Exercises Conducted

ANNEX A TO HMAS BARLICADE REPORT OF PROCEEDINGS Dated 1st September, 1977

### STEAMING FIGURES

Distance steamed during month

Distance steamed since commissioning

Hours underway during month

Topical Steamed since commissioning

2,129.5 miles
209,332.9 miles
175.9 hours
175.9 hours
15,664.0 hours

ANNEX B TO HMAS BARRICADE REPORT OF PROCEEDINGS Dated 1st September, 1977

### EXERCISES CONDUCTED

NAVIGATION: Departure Mackay XO - 13th

Pilotage Whitsunday Islands NO - 16th

Pilotage and Anchorage XO/NO/COXN/CMTP/CBM - 18th

SEAMANSHIP:

00W Manoeuvres - 3rd, 4th

RAS Approaches - 4th

TONEX - 4th
BOARDEN - 3rd

Man Overboard XO/NO/COXN/CBM - 17th

CMTP - 18th

GUNNERY:

SUFX - 3rd AACRFX - 4th AAROFX - 3rd

NBCD:

MAJOR MBCDX - 3rd, 4th
Emergency Stations - 17th
Leaving Ship Stations - 17th

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# DEPARTMENT OF DEFENCE (NAVY OFFICE)

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BARRICADE REPORT OF PROCEEDINGS SEPTEMBER '77

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- 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.

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#### DEPARTMENT OF DEFENCE

Naval Headquarters
Box 1416 GPO
BRISBANE Q4001

Telephone: 2262600

In Reply Quote: B1/16/22

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 BARRICADE REPORT OF PROCEEDINGS SEPTEMBER 1977

- 1. The enclosures are forwarded in accordance with RI Appendix 29A.
- 2. The engineering matters referred to in the report have been resolved.

(P.H. JAMES) Captain, RAN

Naval Officer Commanding

Queensland

Enclosures: HMAS BARRICADE letter 1/16/7A of 1 October 1977 (2 copies)

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### DEPARTMENT OF DEFENCE

Naval Headquarters Box 1416 GPO BRISBANE Q4001

Telephone: 2262600

In Reply Quote: B1/16/22

- \* 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 BARRICADE REPORT OF PROCEEDINGS SEPTEMBER 1977

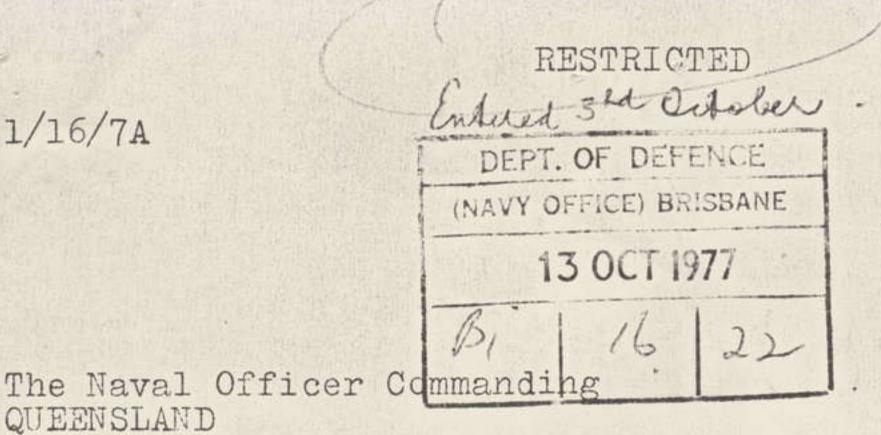
1. The enclosures are forwarded in accordance with RI Appendix 29A.

2. The engineering matters referred to in the report have been resolved.

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

(H Enclosures: HMAS BARRICADE letter 1/16/7A of 1 October 1977 (2 copies)

MMAS Barneade NRCLED



HWAS BARRICADE at CAIRNS

1 October 1977

QUEENSLAND

#### For Information

The Flag Officer Commanding, HM AUSTRALIAN FLEET The Commander, AUSTRALIAN MINE WARFARD AND PATROL FORCES The Commanding Officer, HMAS CAIRNS

#### HMAS BARRICADE - REPORT OF PROCEEDINGS - SEPTEMBER 1977

Sir,

- I have the honour to report the proceedings of HMA Ship BARRICADE under my command for the month of September, 1977. All times are Kilo (-10).
- At the beginning of the month BARRICADE was on patrol in Area A, in the vicinity of Bird Island, proceeding north. At Oll725SEP77 the ship anchored off Peak Point.
- 3. BARRICADE weighed and proceeded at 020645SEP77 for Thursday Island berthing alongside the Caltex Wharf at 020805 SEP77. HMAS BAYONET was secured alongside at 020900SEP77. On completion of fuelling, both ships shifted berth to the Main Wharf at 021130SEP77.
- 4. On 3 September sailing was delayed by 12 hours while a radar defect in BARRICADE was rectified. At 030930SEP77 BARRICADE and BAYONET sailed in company from Thursday Island via Ellis Channel. BAYONET was detached at 031010SEP77 and altered south to continue an A and T Area patrol. BARRICADE proceeded along the Great North East Channel to conduct a patrol of the outer Torres Strait Island. At 031640SEP77 BARRICADE anchored off Massig Island in the Yorke Islands group. Later that evening the ship was visited by Mr F. Baker, a Naval Intelligence Officer from Brisbane, who was carrying out a tour of the Torres Strait Islands aboard the MV MELBIDIR.
- 5. The following morning I called on the Chairman of the Yorke Islands. BARRICADE sailed on 040905SEP77 to continue patrol northeast, anchoring off Darnley Island at 041130SEP77. The Executive Officer called on the Chairman of Darnley Island on completion of which the ship sailed at 041255SEP77. Passage was made through the outer reef to the Murray Island group where the ship anchored off Maer Island at 041750SEP77.
- 6. After I called on the Vice Chairman of Murray Islands, BARRICADE sailed at 050915SEP77, departing the outer reef via Flinders Passage. Passage was made via Bramble Cay to enter the Great Northeast Channel. The ship anchored off Massig Island at 051645SEP77.

/7. None of the

- 7. None of the islands visited could report any evidence of recent foreign fishing vessel activity.
- 8. At 060300SEP77 BARRICADE weighed and passage was made to Thursday Island via the Prince of Wales Channel, berthing at the Caltex Wharf at 061050SEP77. On completion of fuelling the ship shifted berth to alongside MV PERA at the Main Wharf at 061445SEP77.
- 9. At 061620SEP77 BARRICADE sailed from Thursday Island and an overnight passage south followed. At 071020SEP77 the ship anchored in the Flinders Islands Group and preparation for the forthcoming Annual Inspection was progressed.
- 10. At O81200SEP77 BARRICADE weighed and continued patrol south via Lizard Island, anchoring in the lee of Double Island at O90215SEP77. Anchor was weighed at O90630SEP77 and the ship proceeded to Cairns, berthing alongside No. 10 Wharf at O90815SEP77. Fuelling completed, BARRICADE shifted berth to No. 1 Wharf at O90915SEP77.
- Between the 13th and 15th September Annual Departmental Inspections were carried out. On 16 September, the Commanding Officer of HMAS CAIRNS, Commander M.J.S. Keay RAN, inspected the ship's company at Divisions and then carried out the Annual Inspection of HMAS BARRICADE.
- Berth was shifted to No. 10 Wharf on HMAS BARBETTE at 201700SEP77. Both BARRICADE and BARBETTE then proceeded to the NQEA Fitting Out Wharf at 210840SEP77 the following morning. The reason for the moves was to leave No. 1 No. 10 wharves clear for dredging by the MS SIR THOMAS HILEY.
- 13. HMAS ARDENT berthed on BARBETTE at 230930SEP77 at NQEA Fitting Out Wharf.
- 14. At 250750SEP77 HMA Ships BARRICADE, BARBETTE and ARDENT prepared to sail in company for Darwin; BARRICADE and BARBETTE for survey duty with HMAS MORESBY and ARDENT to effect the patrol boat exchange with HWAS ATTACK. Commander M.J.S. Keay RAN was embarked in HMAS BARRICADE for the passage to Thursday Island. BARBETTE and ARDENT sailed at 250805SEP77; however BARRICADE delayed sailing until 250910SEP77 to enable a broken fuel line to be repaired. On departing Cairns BARRICADE altered course to the north and speed was increased to 20 knots to overtake BARBETTE and ARDENT. At 251120SEP77 course was altered to return to Cairns. Excessive exhaust temperatures were being experienced in the port engine with a temperature scatter of 240°F and a rack reading of 9 at 1200 revolutions (HMAS BARRICADE DAU/KNA 250145Z SEP 77 refers). BARRICADE berthed at NQEA Fitting Out Wharf at 251404SEP77 and an investigation into the defect commenced. (HMAS BARRICADE DAU/OWU/KOD 250701Z SEP 77 URDEF 60/78 refers).
- BARRICADE remained alongside until Saturday 1 October whilst the cause of the excessive exhaust temperatures in the port engine was attempted to be located. During this period

was investigated?

/six heads were

six heads were lifted, found to be defective and replaced with new or refurbished heads. The port blower was found to be defective and replaced by a blower removed from PNGS LAE. As the week progressed it became increasingly evident that there is an alarming lack of backup stores available for Paxman engines. Two heads and a blower had to be removed from PNGS LAE and used in lieu of stores which were not available from RAN sources. Replacement of the heads was delayed because 'O' seals were not readily available from Naval Stores.

16. Sea trials were conducted on the port engine on Saturday 1 October 1977 and proved unsuccessful. The excessive exhaust temperatures were still being experienced.

#### Engineering

- 17. Both main engines performed well this month until 25 September when URDEF 60/78 was raised on the port main engine. Investigation revealed that of six cylinder heads lifted, all were defective. Three heads were cracked in the way of exhaust valve seats and three had defective valve seats, causing cooling water leaks. The port turbo blower was found to have a defective turbine. Four new cylinder heads were obtained from naval stores and fitted. Two cylinder heads and a turbo blower were removed from PNGS LAE's starboard engine which was in the process of being exchanged during their refit. At the end of the month URDEF 60/78 remains outstanding.
- 18. URDEF 57/78 was raised on 1 September when the No. 3 air conditioning unit lost its charge. This was rectified on 16 September by ship's staff.

#### Electrical

- 19. URDEF 58/78 was raised on the 1st September when the 40/60mm Bofor became defective. The rectifier was found to have defective diodes and resistor causing the motor starter hold-on coil to burn out. This defect was rectified on 29 September by ship's/base staff.
- 20. URDEF 59/78 was raised on 21 September when the Ferrograph 500 echo sounder became unserviceable. Two successive replacement units were fitted on 23 September and 27 September respectively and both became unserviceable. A third unit was fitted on 30 September and, hopefully, may remain serviceable. Integrated Technical Services (ITS) are the contractors for repair and replacement of these echo sounders.
- 21. INDEF 33/78 was raised on the DECCA 916 radar due to a defective circuit board in the display. This was rectified on 23 September by Base/Ship's staff.
- 22. A new 634 radio was issued on 23 September thus rectifying INDEF 32/78.

/23. All other

- 4 -

23. All other electrical defects have been within ship's staff capabilities.

#### Health, Welfare and Morale

24. The health and welfare of the ship's company is good and morale is high; even among the engineering sailors who are working extremely long hours to make the ship operational so that survey requirements can be met.

I have the honour to be,

Sir,

Your obedient Servant,

(M.J. PETCH)
Lieutenant RAN
Commanding Officer

Annexes "A" - Steaming Figures
"B" - Exercises Conducted

ANNEX "A" TO HMAS BARRICADE LETTER 1/16/7A OF 1 OCTOBER 1977

#### STEAMING FIGURES

Distance steamed during the month
 Distance steamed since commissioning
 Hours underway during the month
 Hours underway since commissioning
 Hours underway since commissioning
 1,266.2 miles
 210,599.1 miles
 80.1 hours
 Hours underway since commissioning
 15,744.1 hours

ANNEX "B" TO HMAS BARRICADE LETTER 1/16/7A OF 1 OCTOBER 1977

#### EXERCISES CONDUCTED

Navigation					
Departure/Berthing	Thursday	Island	XO		]
Anchorages	Flinders	Island	3rd	Officer	]
	Maer Isla	and	3rd	Officer	]
Gunnery					
Small Arms Shoot				3 hours	
NBCD					
Generator and G.S. Pump	Drills (	(all personr	nel)	4 hours	
Communications					
Offline Decryption/Encr	ryption	X0			
Offline Decryption/Encr	yption	3rd Officer			

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#### DEPARTMENT OF DEFENCE (NAVY OFFICE)

File: 428/3/2584

HMAS BARRICADE REPORT OF PROCEEDINGS OCTOBER 1977

DNO Engine heads off Carris, passage to Darwie via

DCNS1/1 Thursday Gland & assistance to Moresty Gurvey

Operations with Barkette & Assail. Barricale lad a

CNS pertunguie defect throughout the month, f st/12

DGNPP

CNORP

CNP 1/2

DGLOG-Ne 16/12

DGSUP-N 1/2 30/17

PRLO-N 75 9/1

IADMIN-N 1/39/1

#### 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.



#### DEPARTMENT OF DEFENCE

Naval Headquarters
Box 1416 GPO
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Telephone: 2262600

In Reply Quote: B1/16/22

2 4 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 BARRICADE - REPORT OF PROCEEDINGS OCTOBER 1977

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

(P.H. JAMES) Captain, RAN

Naval Officer Commanding

Queensland

Enclosures: HMAS BARRICADE letter 1/16/7A of 1 November 1977 (2 copies)

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#### DEPARTMENT OF DEFENCE

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In Reply Quote: B1/16/22

2 4 NOV 1977

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

For Information:

The Flag Officer Commanding H.M. Australian Fleet

HMAS BARRICADE - REPORT OF PROCEEDINGS OCTOBER 1977

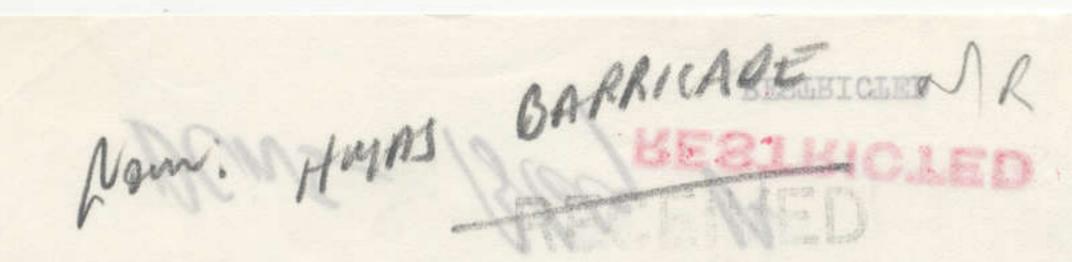
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(P.H. JAMES)
Captain, RAN
Navel Officer Commending
Queensland

Enclosures: HMAS BARRICADE letter 1/16/7A of 1 November 1977 (2 copies)

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Nov 28 14 25 '77



1/16/7A

HMAS BARRICADE at DARWIN

1st November, 1977

The Naval Officer Commanding QUEENSLAND

For Information:

The Flag Officer Commanding HMA FLEET

The Commander, AUSTRALIAN MINE WARFARE AND PATROL FORCES

The Commanding Officer HMAS CAIRNS

#### HMAS BARRICADE - REPORT OF PROCEEDINGS - OCTOBER 1977

Sir,

- 1. I have the honour to report the proceedings of HMA Ship BARRICADE under my command for the month of October 1977. Time Zones are as indicated.
- 2. At 0700K Saturday 1st October BARRICADE departed the NQEA fitting out wharf and proceeded to sea to conduct trials on the port main engine (URDEF 60/78 refers). The trials proved unsuccessful and the ship returned to the NQEA fitting out wharf at 0930K. A high rack reading and excessive temperature scatter were still being experienced.
- Between the 1st and 5th October, work continued on the port main engine to attempt to rectify the defect. To date the cause of the defect has still not been isolated. By the 5th October a further two cylinder heads had been found defective and were replaced.
- 4. At 1300K on the 4th October, BARRICADE shifted berth to No 1 wharf, allowing PNGS LAE to berth at NQEA fitting out wharf.
- BARRICADE proceeded to sea at 1100K on 5th October to conduct further trials on the port main engine. It was

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found that at speeds up to 1200 revolutions the engine operated within the parameters laid down for temperature scatter and rack reading. At speeds in excess of 1200 revolutions the defect was still evident. A decision was then made to sail the following day, with a speed limitation of 1200 revolutions imposed on the port main engine, so that BARRICADE's operational committment for survey duties with HMAS MORESBY could be fulfilled. The ship returned to Cairns at 1310K berthing at No 10 wharf.

- BARRICADE departed Cairns at 0815K on 6th October and a direct passage to Darwin was made with a fuelling and overnight stop at Thursday Island enroute on 7th October. The ship arrived in Darwin at 1000IK on 10th October berthing at the Patrol Boat Landing, Stokes Hill Wharf.
- Having fuelled and victualled, BARRICADE departed Darwin at 1030IK on the 11th October and passage to Yampi Peninsula was made. Rendezvous with HMAS MORESBY was effected at 2000H on the 12th October in Collier Bay. MORESBY was at anchor with HMAS ASSAIL and HMAS BARBETTE secured port sidever BARRICADE secured alongside BARBETTE and the DECCA survey echo sounder was fitted by MORESBY staff. 8. At 1200H on 13th October MORESBY, BARRICADE and BARBETTE sailed for the Adele Reef reef area to carry out line sounding. ASSAIL was detached to collect tide guage readings. At 1300H BARRICADE detached and proceeded independantly to McIntyre Island. to effect repairs to the salt water water cooling pump for the starboard engine whilst at anchor At 1900H, repairs effected, the ship weighed and proceeded, rendezvousing off Cape Leve-que with MORESBY, BARBETTE and ASSAIL and passage was made to Broome. All ships berthed at Froome at 0800H on 14th October.
- BARRICADE, BARBETTE and ASSAIL sailed from Broome at 1145H on 15th October and OOW manoeuvres were conducted for one hour whilst waiting for MORESBY to depart. MORESBY was delayed by a bomb hoax telephone call. MORESBY joined at 1325H and passage north commenced. BARRICADE and BARBETTE were detached at 1900H and proceeded to Yampi Sound anchoring at O450H on 16th October.
- 10. At 0830H on 17th October BARRICADE sailed in company with BARBETTE and ASSAIL to rendezvous with MORESBY off Caesar Island at 0945H. Line sounding was carried out for the rest of the day until the patrol boats were detached and anchored off Churchill Reef at 1900H.
- 11. All three patrol boats weighed and proceeded at 0700H on 18th October. Line sounding was carried out with MORESBY from 0900H until 1700 H in the area Northeast of Adele Reef. MORESBY anchored at 1800H and the patrol boats berthed alongside for the night.

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- 12. Line sounding was carried out in the Adele Reef area 0700H to 1730H on 19th October. The patrol Boats were detached from MORESBY and proceeded to anchor at 1815H off Churchill Reef.
- 13. On 20th October BARRICADE, BARBETTE and ASSAIL weighed and proceeded at 0800H. Line sounding with MORESBY commenced shortly after, once again in the area east/northeast of Adele Island. At 1750H the patrol boats were detached from MORESBY and proceeded to Yampi Sound, anchoring off Cockatoo Island at 2130H. The ship remained at anchor until Sunday 23rd October, during which time 500 hour maintenance routines were carried out on both main engines.
- At 0630H on 23rd October BARRICADE, BARBETTE and ASSAIL sailed from Yampi Sound to rendezvous with MORESBY off Caesar Island at 0800H. Line sounding was carried out east of Adele Reef until 1600H when MORESBY anchored and patrol is boats were berthed alongside for the night.
- 15. On the 24th October all ships proceeded to the Adele Reef Area at 0645H and Line sounding was carried out until the patrol boats were detached to anchor off Churchill Reef at 1700H.
- Rendezvous with MORESBY was made at 0800H on 25th October to the south of Adele Reef. Throughout the day line sounding was carried out in the area north and east of Macleay Island. Rough weather precluded berthing alongside MORESBY for the night so patrol boasts were detached and proceeded to Macleay Island anchoring at 1830H.
- 17. After joining MORESBY at 0630H on 26th October line sounding was carried out in the area west of the 'Breakwater'. MORESBY proceeded to anchor in Collier Bay on completion, taking BARRICADE, BARBETTE and ASSAIL alongside at 1730H.
- 18. The Patrol Boats survey committment completed, BARRICADE, in company with BARBETTE and ASSAIL, sailed for Darwin at 0600H on 27th October. At 1500H ASSAIL was detached to escort two Vietnamese refugee boats from the vicinity of Leseur Island to Darwin. (NOCNA KBG 270506Z OCT 77 refers).
- 19. At 1750H on 28th October BARRICADE berthed at the Patrol Boat landing Darwin, BARBETTE coming alongside at 1800H. The ship remained alongside for the remainder of the month undergoing an SMP. During this time the port main engine defect was being investigated by HMAS COONAWARRA base staff and ship's staff (URDEF 60/78 refers)

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#### RESTRICTED

#### Engineering

The port main engine defect, URDEF 60/78, remains 20. outstanding. All other Engineering defects have been of a minor nature and within ship's staff capabilities.

#### Electrical:

Indef 34/78 was raised on the battery charger on 15th October when the contactor for boost charge on channel one became defective. Spares for this defect were obtained on arrival in Darwin.

Urdef 58/78 on the 40/60 bofor was rectified on 1st October.

Urdef 59/78 on the echo sounder was rectified on 1st October.

Indef 33/78 on the 916 radar was rectified on 1st October.

#### Health, Welfare and Morale

The health, welfare and conduct of the ship's 22. company is good and morale is high.

> I have the honour to be, Sir, Your obedient Servant,

(M.J.PETCH)

Lieutenant RAN

Commanding Officer

A. St aming figures.
B. Exercisesconducte Annex:

Exercisesconducted.

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ANNEX A to HMAS BARRICADE letter 1/16/7A dated 1st November 1977

#### STEAMING FIGURES

1.	Distance steamed during the month.	3987.1 miles
2.	Distance steamed since commissioning	214,586.2 miles
3.	Hours underway during the month	278.3 hours
4.	Hours underway since commissioning	16,022.4 hours

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ANNEX B to HMAS BARRICADE letter 1/16/7A dated 1st November 1977

#### EXERCISES CONDUCTED

Navigation			
Departures/Entr	Cairns Thursday Broome	3rd Officer Is "	1 1 1
Anchorages	Adele Is Cockatoo Is	XO 3rd Officer	4 2 2
Gunnery			
Small arms shoo	ot		2 hours
NBCA			
Emergency Stati	ions/leaving ship	stations	1
Seamanship			
Manoverboard		WOO	5

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HMAS BARRICADE

REPORT OF PROCEEDINGS NOV 1977

DNO Passage Danvin to Cain, + engene problem which DCNS resulted his a decision to carry out an engine change at he end of the month. & 24/1

DGNPP

CNORP 3/1/18

CNP

CNTSRV

DGLOG-N 6/2

CMM

DGSUP-Nhy. 9

PRIO-N 13/2

IADMIN-NEW 15/2

#### NOTES:

- A. This copy is circulated so that Heads of Division may see these reports soon after they reach Navy Office.
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#### DEPARTMENT OF DEFENCE

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In Reply Quote: B1/16/22

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

- 5 JAN 1978

For Information:

The Flag Officer Commanding H.M. Australian Fleet

### HMAS BARRICADE - REPORT OF PROCEEDINGS NOVEMBER 1977

- 1. The enclosures are forwarded in accordance with RI Appendix 29A.
- 2. The problems with PAXMAN engines, which have emerged since the matter was first reported and referred to in October's Report of Proceedings, are the subject of separate signals and correspondence.

(P.H. JAMES) Captain, RAN

Naval Officer Commanding

Queensland

Enclosures: HMAS BARRICADE letter 1/16/7A dated 1st December 1977 (2 copies)

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#### DEPARTMENT OF DEFENCE

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-5 JAN 1978

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 BARRICADE - REPORT OF PROCEEDINGS NOVEMBER 1977

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2. The problems with PAXMAN engines, which have emerged since the matter was first reported and referred to in October's Report of Proceedings, are the subject of separate signals and correspondence.

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

(M Enclosures: HMAS BARRICADE letter 1/16/7A dated 1st December 1977 (2 copies)

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1/16/7A

HMAS BARRICADE at Cairns

1st December, 1977

The Naval Officer Commanding QUEENSLAND

For Information

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander
AUSTRALIAN MINE WARFARE AND PATROL FORCES

The Commanding Officer HMAS CAIRNS

HMAS BARRICADE - REPORT OF PROCEEDINGS - NOVEMBER 1977

Sir,

I have the honour to report the proceedings of HMAS BARRICADE uner my command for the month of November, 1977. Time zones are as indicated.

- At the beginning of the month BARRICADE was alongside Stokes Hill Wharf, DARWIN, undergoing a SMP. The assistance of HMAS COONAWARRA base staff was being employed to attempt the rectification of the defect on the port main engine (URDEF 60/78 refers). Action as reported vide NOCNA DAU 030245Z NOV 77 (NOTAL) was carried out by base staff/ships staff.
- At 1200IK on 2nd November the ship proceeded to sea with COONAWARRA base staff embarked to conduct trials on the port main engine. Despite the work carried out, which included the replacement of another cylinder head, there was no improvement in the performance of the port main engine. BARRICADE returned to Darwin at 1415 IK.
- At 1630IK on 2nd November BARRICADE sailed for Cairns. An uneventful 13 Knot passage was made to Gove where the ship anchored at 0600IK on 4th November to await a fuelling berth at the Mission Wharf. At 1140IK BARRICADE weighed and proceeded alongside HMAS BARBETTE.

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- Fuelling completed, BARRICADE and BARBETTE sailed in company from Gove at 1410IK on 4th November. Direct transit across the Gulf of Carpentaria to Endeavor Passage was made in calm sea conditions. Between 0830K and 0900K on 5th November an AAROFX was conducted by both ships using 40/60 Bofor guns. Targets were provided by BARBETTES 2" RFL.
- Cape York was rounded at 1900K on 5th November and passage south via the Inner Reef recommended track was made. Both ships berthed at No 10 Wharf, Cairns, at 1000K on 7th November. On completion of fuelling BARRICADE proceeded to No 1 wharf berthing on HMAS BOMBARD at 1150K.
- RARRICADE remained alongside No % wharf undergoing an AMP until 18th November when the ship proceeded to sea at 0930 K to conduct trials on the port main engine. HMAS CAIRNS base staff were embarked. Two new fuel pumps had been fitted prior to sailing. The trials were unsuccessful and BARRICADE returned to Cairns berthing at No 1 wharf at 1215K.
- At 1000K on 23rd November BARRICADE proceeded to sea to conduct further trials on the port main engine under the supervision of Mr Donovan GOSI QAR. Comprehensive temperature readings at varying revolutions were taken. The ship returned to No 1 wharf at 1130K. The trials were unsuccessful in that the cause of the port engine defect still could not be isolated.
- 9. The decision was then made to carry out a double engine change. (HMAS CAIRNS DAU/OWU/KOD 230510Z NOV 77 refers). Both engines were scheduled to be changed in the 1978 refit. It was considered to be cost effective to change the starboard engine when changing the port engine.
- 10. At 1000K on 28th November Tug 'DALY' was secured alongside and commenced to cold move BARRICADE to the NQEA fitting out wharf. The ship was secured alongside HMAS ADROIT at the fitting out wharf at 1035K.
- 11. BARRICADE remained alongside for the remainder of the month whilst both engines were prepared for removal.

#### 12. ENGINEERING

. . .

URDER 60/78 remains outstanding, however rectification is

in progress with the double engine change.

URDEF 61/78 was raised on the 9th November when the tiller arm bush and pin was found to be badly worn in the starboard steering gear. This defect was rectified by ships staff on 17th November.

#### 13. ELECTRICAL

URDEF 62/78 was raised on 11th November on the steering gear start control box when it was found to have badly worn contacts and moving parts.

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URDEF 63/78 was raised on 21st November on the port main engine starter motors. when they had insulation breakdown due to ingress of oil. Two new starter motors were not available from stores at the time but because of the subsequent engine change the requirement no longer exists.

INDEF 38/78 was raised on the 18th November on the main engine starting system. Numerous earths were evident on the starter motor cables and the solenoid cables. This defect was rectified on the

22nd November.

#### 14. HULL

Indef 37/78 was raised on the 14th November. When the funnel casing in way of the supply fan vents was found to be extensively corroded.

#### 15. HEALTH, WELFARE AND MORALE

The health, welfare and conduct of the ship's company is good and morale is high.

I have the honour to be, Sir, Your obedient servant,

> (M.J. PETCH) Lieutenant, RAN

Commanding Officer

ANNEX A. Steaming figures

B. Exercises conducted

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ANNEX A to HMAS BARRICADE letter 1/16/7A dated 1st December, 1977

#### STEAMING FIGURES

Distance steamed during the month
 Distance steamed since commissioning
 Hours under way during the month
 Hours underway since commissioning
 1328.9 miles
 215,915.1 miles
 Hours underway since commissioning
 16,134.8 hours



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ANNEX B TO HMAS BARRICADE letter 1/16/7A dated 1st December, 1977.

#### EXERCISES CONDUCTED

Navigation		
Berthing Cairns Departure/Entry Cairns Anchorages	3rd Officer 3rd Officer XO	2 2 1
NBCD		
Major Fire Exercise Major Flooding Exercise		2
Gunnery		
AAROFX (40/60) Small Arms Shoot		1
Seamanship		
Manoverboard Exercise		3
Communications		
XO, OFFICER U/T, RO V/S	EXERCISE	4 hours

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#### DEPARTMENT OF DEFENCE (NAVY OFFICE)

File: 428/3/2663

HMAS

BARRICADE

REPORT OF PROCEEDINGS DEC 77

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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.



#### DEPARTMENT OF DEFENCE

Naval Headquarters
Box 1416 GPO
BRISBANE Q4001

Telephone: 2262600

In Reply Quote: B1/16/22

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

12 JAN 1978

#### For Information:

1.

29A.

The Flag Officer Commanding H.M. Australian Fleet

### HMAS BARRICADE REPORT OF PROCEEDINGS DECEMBER 1977

The enclosures are forwarded in accordance with RI Appendix

(P.H. JAMES)

Captain, RAN

Naval Officer Commanding

Queensland 4 0 ~

Enclosures: HMAS BARRICADE letter 1/16/7A dated 1st January, 1978 (2 copies)

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BRISBAND Q4001 Box 1416 GPO Mayal Headquarters

Telephone: 2262600

In Reply Quote: B1/16/22

CYMBERRY TOL SCOO Russell Offices Department of Defence (Mavy Office) Chief of Maval Staff

FOR INTORMATION:

H.M. Australian Fleet The Flag Officer Commanding

DECEMBER 1977 HOLYS BARRICADE REPORT OF PROCEEDINGS

The enclosures are forwarded in accordance with RI Appendix

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Queensland 4 0 ~ Mayal Officer Commanding Captain, RAM

(P.H. 1AMES)

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1/16/7A

HMAS BARRICADE at Cairns

1st January, 1978.

The Naval Officer Commanding QUEENSLAND

For Information

The Flag Officer Commanding HM AUSTRALIAN FLEET

The Commander AUSTRALIAN MINE WARFARE AND PATROL FORCES

The Commanding Officer HMAS CAIRNS

#### HMAS BARRICADE - REPORT OF PROCEEDINGS - DECEMBER 1977

Sir,

I have the honour to report the proceedings of HMAS BARRICADE under my command for the month of December, 1977. All times are KILO (-10).

- At the beginning of the month BARRICADE was alongside the fitting cut wharf at NQEA dockyard, Cairns. On 1st December both main engines were removed by NQEA dockyard staff (HMAS CAIRNS DAV/KOD 280010Z JAN 77 refers).
- Fourteen members of the ship's company marched in the Silver Jubilee Parade in Townsville on the 3rd December as part of a Naval contingent which also comprised members of HMAS CAIRNS, HMAS FLINDERS and HMAS BARBETTE.
- Two new main engines were fitted in the ship on 8th Docember and setting to work commenced.
- Basin trials were conducted on 22nd and 23rd December on both main engines.

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BARRICADE proceeded to sea at 0900 on 28th December to conduct trials on both main engines. A full power trial at 1350 revolutions for a duration of ninety minutes was achieved and the sea trial was assessed successful. The ship returned to Ciarns berthing at No 1 wharf at 1200.

7. BARRICADE remained alongside for the remainder of the month.

#### ENGINEERING

8. URDEF 60/78 (port main engine) was rectified on 28th December.

INDEF 39/78 was raised on 5th December on the main engine exhaust pipe lagging. This was rectified on 11th December.

INDEF 40/78 was raised on 13th December when corrosive pitting was evident in the hull shell plating on the removal of both main engines.

#### ELECTRICAL

9. URDEF 63/78 was rectified on 8th December. Two new port engine starter motors were received with the new port main engine.

INDEF 41/78 was raised on 19th December for the Marconi Lifeguard alarm. This defect was rectified on 28th December.

#### HEALTH, WELFARE AND MORALE

10. The health, welfare and conduct of the ship's company is good and morale is high.

I have the honour to be Sir,
Your {bedient servant,

Sor

(M.J.PETCH)
Lioutenant RAN

Lieutenant, RAN Commanding Officer

ANNEX A. Steaming Figures

B. Exercise conducted

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ANNEX A to HMAS BARRICADE letter 1/16/7A dated 1st January, 1978.

#### STEAMING FIGURES

Distance steamed during the month
 Distance steamed since Commissioning
 Hours under way during the month
 Hours under way since commissioning
 Hours under way since commissioning
 16,137.8 hours

RESTRICTED

## RESTRICTED

ANNEX B to HMAS BARRICADE letter 1/16/7A dated 1st January, 1978.

#### EXERCISES CONDUCTED

Navigation			
Berthing	Cairns	XO	1
NBCD			
Major Harbour Major Harbour	Fire exercise Flooding Exercise		3
Gunnery			
Ceremonial Ma	rch (Townsville Jub:	ilee Parade)	1

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