

SECRET

HMAS BRISBANE  
at Sea.

File:- 1/16/2

31st May, 1971.

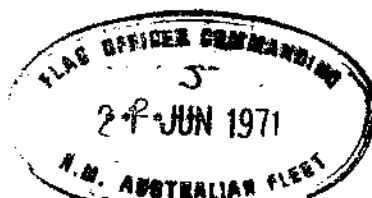
The Flag Officer Commanding,  
HM AUSTRALIAN FLEET.

Sir,

I have the honour to report the proceedings of HMA ship under my command during the month of May, 1971. All times are Zone Hotel (-8).

2. On Saturday, 1st May, BRISBANE was at sea on passage from Singapore, which the ship had visited for rest and recreation purposes, to Subic Bay for a six day assisted maintenance period. The ship arrived at GRANDE ISLAND at 0550 Sunday, 2nd May, and commenced a calibration trial of ULQ - 6A. This was completed successfully at 0630 and the ship then proceeded into Subic Bay and berthed at ALAVA pier at 0825.
3. HMAS DUCHESS berthed on ALAVA pier ahead of BRISBANE at 0900 and the Captain, Commander P.R. Sinclair, RAN called on me informally at 1000. Sporting fixtures had been arranged during the afternoon and the honours were evenly divided. DUCHESS sailed at 0900 the next day for Singapore.
4. The "upkeep" period 2nd-7th May inclusive was a busy one for the Ship's Company, and the Ship Repair Facility provided valuable assistance on a 24 hours a day basis. At the end of the period the ship's external appearance was very pleasing. All Marine Engineering defects had been made good, planned maintenance was up to date and all boilers had been externally cleaned. The centre line capstan had been dismantled to allow bearings to be replaced in the gearbox and this proved to be a time consuming task. The main work done in the Weapons Electrical department centred on wiring in Mount 51, the Tacan and installation of the second VRC-4 6 with covered circuit facilities.
5. The movement of a tropical storm approaching from the east of the Philippines had been carefully watched during the week but it curved to the north and produced no local effect. At 0800, Saturday, 8th May, the ship cast off and proceeded to the Naval Magazine anchorage (Berth G4) to embark and land ammunition. On completion, the anchor was weighed at 1131 and BRISBANE proceeded to the Subic Exercise area for a Surface to Air Missile firing. The target was an AQM 37A drone launched from an A4-G aircraft. The flight profile was a direct approach at 5000 feet and at 0.8 MACH, so as to simulate a surface launched anti ship missile. A second A4-G aircraft carrying a back-up drone was used for area surveillance. At 1535 the drone was successfully launched. A Tartar missile with warhead controlled by Fire Control System 3 was fired and successfully intercepted it. The result appeared to be a direct hit and everyone onboard was delighted to see the drone disappear in the explosion.

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6. On completion of the firing, course was shaped for Cebu, and at 1030 Monday, 10th May, after an uneventful passage, BRISBANE arrived off the harbour entrance and embarked a Pilot. At 1100 the ship berthed port side to at No.7 berth Quezon Boulevard.

7. A large crowd of local residents, including a band, were on the wharf to welcome the ship. After berthing, the Officers and gangway staff were presented with Leis by very attractive members of the local tourist association. The Australian Services Attache, Lieutenant Colonel R.J. Moyle, met the ship and came aboard to discuss the arrangements he had made for the visit.

8. At 1430, I left the ship, accompanied by the Australian Services Attache and called on the Mayor of Cebu City, Mayor Bulogio Borres, the Governor of the Province of Cebu, Governor Comundo Rama, the Commander, 3rd Infantry Brigade, Philippine Army, Colonel Emilio Alcosaba, and the Commander, 3rd Philippine Constabulary Zone, Brigadier General Rafael Dumlao. All dignitaries requested that the calls be considered returned.

9. During the brief visit a cocktail party was held onboard for about 80 guests, a childrens' party was given for some 67 orphans from two local orphanages and numerous small groups of local residents were shown around the ship. Both the cocktail party and the childrens' party were an unqualified success and, I am sure, contributed in a small way to cordial relations between the people of Cebu and the Australian people. The local San Miguel Brewery invited 100 sailors to tour the brewery and sample its wares and the Ship's basketball team played a Philippine Army team at Camp Lapulapu.

10. Because of a scheduled 24 knot passage speed to BRISBANE's next assignment on the Gunline, the visit to Cebu was curtailed to two instead of three days to allow a more realistic passage speed. At 1130 on Wednesday, 12th May, having embarked the Pilot, BRISBANE cast off and proceeded to sea. The Pilot disembarked at 1200 and course was then shaped for the Republic of Vietnam.

11. A quarterly full power trial was carried out commencing at 1600 and full power was satisfactorily achieved at 1700. At this time, BRISBANE was making an estimated 33 knots over the ground. After 20 minutes at full power, speed was reduced to the required passage speed.

12. A Pre Action calibration Exercise (PACEX) was carried out with both mounts at 1705 Thursday, 13th May, and at 2000 BRISBANE assumed defence condition three for the remainder of the passage.

13. BRISBANE arrived in DaNang harbour at 0600 Saturday, 15th May, and came to anchor in number 17 berth at 0614. At about 0630 COMDESRON ONE, (Commodore J.J. Herzog, USN) embarked in the USS FLOYD B PARKS, (Commander J. Donovan, USN) arrived onboard with two staff officers to turn over the duties of CTU 70.8.9 (Gunline Commander). The Operations Officer and Navigating Officer of FLOYD B PARKS also arrived onboard at this time for the ship turnover of operations in I Military Region (IMR). All these officers returned to their ship on completion of the turnover at about 0830.

14. The XXIV Corps Naval Gunline Liaison Officer (NGLO) and an officer from the staff of the Senior Advisor to CTG 213.1 embarked at 0830 to brief the ship on Naval Gunfire and Market Time operations in the area. This was extremely valuable to the ship and the officers disembarked at about 1000.

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15. After ship's divers had inspected the cable and some fruitless effort had been expended trying to trace mail for the ship, BRISBANE weighed at 1230 and proceeded to rendezvous with USS TOLOVANA (Captain D. Howard, USN) for UNREP of FFO. On completion at about 1600, the ship proceeded to the vicinity of point ALLISON which is near the de-militarized zone (DMZ) for Naval Gunfire Support operations.

16. BRISBANE arrived at the Gunline off point ALLISON in the northern part of IMR at 1815 and commenced a race track while waiting a call for fire. In the northern part of IMR, NGFS ships are restricted to remaining south of latitude 16° - 57'N and more than 5000 yards from the coast. In order to reach many of the targets in the De-militarized zone (DMZ), it is necessary to position the ship near the apex of the triangle formed by the above restrictions. This area has become known locally as the "eternal triangle".

17. The first call for fire of BRISBANE's second gunline period came at 2250 and was a request for illuminating fire to support the 1st ARVN Infantry Division in Quang Tri province. A total of 14 rounds were fired, and the mission completed at 2340. At 0020 on Sunday, 16th May, a "Troops in the open" mission was requested. Twenty rounds were fired for a GDA of 1 Killed in Action (KIA), 2 possible KIA and 1-50 calibre Machine Gun destroyed.

18. Between 0252 and 0520 a harrassment mission was ordered and involved the firing of 2 illuminating rounds every 30 minutes at an enemy position. A total of 12 rounds were expended. At 0520 course was set for a rendezvous with USS VESUVIUS (Captain J.L. Jessen, USN) and between 0700 and 0740 a small quantity of illuminants and stores were embarked. On completion BRISBANE returned to the Gunline arriving off point ALLISON at 1000.

19. No further missions were called until 2015 when the harrassment targets for the night were received. During the night of the 16/17th May, 12 harrassment targets were engaged with 5 rounds per target. These missions were completed at 0458 on Monday, 17th May. Course was shaped for Da Nang at 0500 and BRISBANE stopped off Deep Water Pier at 0927. Having embarked mail by ship's boat, BRISBANE returned to point ALLISON and resumed gunline patrol at 1457. Twelve further unobserved harrassment targets were fired on during the night of 17/18th May.

20. No missions were requested during daylight hours on Tuesday, 18th May, and the ship remained on a race track course 4 to 5 miles off the coast. Whilst conducting harrassment firings during the early morning of Wednesday, 19th May, a call for fire was received. The targets were a series of lights which had been spotted and after firing 23 rounds a GDA of 6 lights extinguished and 2 secondary explosions was given.

21. A further visit to Da Nang to collect mail was approved and at 0530 BRISBANE departed point ALLISON, arriving in Da Nang harbour at 1020. As soon as mail had been embarked, the ship returned to point ALLISON and was again awaiting calls for fire by 1515. Twelve harrassment targets were fired during the night of the 19/20th May. In addition, an illuminating firing was requested by a spotter located 15 miles south of the DMZ. Nine illuminating rounds were required.

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22. BRISBANE remained in the vicinity of point ALLISON during 20th May, as no firing missions were requested. Between 2131 Thursday, 20th May, and 0322 Friday, 21st May, the usual 12 harrassment targets were fired for an expenditure of 60 rounds. At 0330, BRISBANE departed to effect a rendezvous with USS PASSUMPSIC (Captain F.B. Bromley, USN) at 0600. After embarking fuel and some fresh provisions the ship arrived back at point ALLISON at 1000. Again, no spotted missions were requested during daylight hours. While engaged in firing the nightly harrassment missions a call for fire was received at 2137 against vehicles sighted in the DMZ. Thirteen rounds of Hi Cap were fired for a GDA of Area well interdicted and vehicles turned back. This mission produced a target round with the initial salvo. Harrassment missions continued throughout the night and were completed at 0505 Saturday, 22nd May.

23. At 1120 on Saturday, 22nd May, BRISBANE departed point ALLISON and commenced re-arming from USS MOUNT KATMAI (Captain F.W. Ulbright, USN) at 1330. On completion BRISBANE proceeded alongside USS REGULUS (Captain F. Nelson, USN) and embarked stores. This replenishment completed at 1533 and BRISBANE returned to the vicinity of point ALLISON at 1850. A call for fire was received at 2000 and 10 rounds were expended on a Rocket launching site. The rounds fell where requested but no GDA other than area well covered was received. A further call for fire came at 2116 and involved Troops in the open. This shoot was prolonged due to an FAC aircraft intruding over the target area causing a check fire to be given. The spotter reported that the Fire for Effect (FEE) was on target but darkness prevented any GDA being given. Another call for fire was received at 2137 to engage another Rocket launcher site in the DMZ. Darkness again precluded specific GDA. Normal harrassment targets were fired during the remainder of the night of 22/23rd May.

24. Between 0540 and 1500 on Sunday, 23rd May, BRISBANE was absent from the gunline to visit Da Nang to collect mail and stores. During the night of 23/24th May, 18 harrassment targets were fired on and one Rocket site.

25. No calls for fire were received during the day. Between 1555 - 1630, BRISBANE replenished fuel from USS TOLOVANA (Captain J.H. Howard, USN) and returned to the Gunline on completion. Twelve unobserved harrassment missions were carried out during the night of 24/25th May. At 1312 Tuesday, 25th May, course was set to rendezvous with the USS ROARK (Commander A.L. Moreau, USN) to transfer SPS 40 spares received from USS TOLOVANA. A rendezvous was effected at 1425 and the transfer completed by 1437. BRISBANE then returned to the gunline. No missions were carried out in day light hours but the usual 12 harrassment targets were fired during the night.

26. Day light hours of Wednesday, 26th May passed without incident. A mission was requested at 2120 against an active Rocket site and twenty eight rounds were fired but darkness prevented a GDA more specific than area well covered. Sixteen harrassment targets were fired during the night of 26/27th May.

27. BRISBANE remained in the vicinity of point ALLISON throughout Thursday, 27th May, and at 1715 the first day spotted mission in IMR was requested. Two targets were called which consisted of a bunker and bunker complex. A total of 22 rounds on the first target and 28 rounds on the second target were fired. Total GDA was area well covered, bunker destroyed, 2 secondary explosions. During the night of the 27/28th May, no missions of harrassment firings were received.

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Communications were degraded by atmospheric conditions to such an extent that it was not possible to communicate direct with any Northern IMR spotter. All traffic had to be routed through the Coastal Surveillance Centre (CSC) at Da Nang.

28. At 0230, 28th May, having obtained permission to leave, course was shaped for Da Nang to embark personnel, mail and stores. BRISBANE arrived in Da Nang Harbour at 0630 and departed at 0730 having disembarked CAPHOT Crisp who had been onboard to cover gunline operations, and embarked Chaplain Rolfe, one sailor returning from compassionate leave, mail and stores. When two hours out of Da Nang course was reversed to land a sailor suffering from a tooth abscess. The sailor was landed at Da Nang Naval dispensary and BRISBANE departed at 1145 and shaped course for a rendezvous with USS MOUNT KATMAI (Captain F.W. Ulbright, USN). The rendezvous was effected at 1450 and re-arming was carried out between 1500 and 1617. On completion the ship steamed to point ALLISON arriving at 1810.

29. The first call for fire was received at 1920 and was against a suspected ammunition location in the DMZ. Twenty rounds were fired for a GDA of very well interdicted. Between 2052 and 2108, two further calls for fire were received against suspected enemy locations. Four illuminating rounds were included in these missions. Later in the night five harassment targets were fired on. At 0710, 29th May, the ship departed the gunline to rendezvous with USS TOLOVANA for a fuel replenishment. This was carried out between 0804 and 0849 and BRISBANE returned to the gunline at about 1000.

30. At 1448 a call for fire was received against a target of two bunkers. After firing 3 rounds the mission was aborted as the spotter explained he was not sure of his grid co-ordinates and gave another call for fire a few minutes later against suspected enemy positions. Four rounds were fired but no GDA was given. Whilst firing this mission a further target was requested consisting of Active Mortars and a total of 23 rounds were fired quickly into this position. It was gratifying to receive a GDA of mortar position destroyed and area well interdicted. Fire was then directed back to the first target and a further 13 rounds were fired for a GDA of area well interdicted. An airborne spotter checked in on the net at 1705 and invited BRISBANE to provide direct fire, ship adjust against a concrete bunker on the beach. This was an interesting diversion from the normal. The spotter aircraft marked the target with smoke. During the Fire for Effect (FFE) the bunker was hit and heavily damaged. The usual 12 harassment targets were fired during the night of 29/30th May.

31. BRISBANE remained in the vicinity of point ALLISON during Sunday, 30th May and at 1545 answered a call for fire from a ground spotter against a suspected enemy position. Fifteen rounds were fired for a GDA of area well interdicted. With an airborne spotter again available, a call for fire was received at 1640. Three separate targets were engaged and for 49 rounds expended a GDA of 1 bunker destroyed and area well covered was given. Seven harassment targets were engaged during the night of 30/31st May and these were the last missions fired on the second gunline period.

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32. At 0700, Monday 31st May, BRISBANE departed from point ALLISON and set course for Da Nang, arriving at 1315 and berthing alongside USS HULL (Commander Donovan, USN) with COMDESRON 19 (Captain W.B. Althoff, USN) embarked, at Deepwater pier. The turnover of Commander Task Unit 70.8.9 (Gunline Commander) took place in the Wardroom of the USS HULL and on being relieved BRISBANE cast off and proceeded to Yankee Station to join the USS KITTYHAWK.

33. The remarks on NGS activities made in the Report of Proceedings for April, 1971, were borne out during BRISBANE's second period on the Gunline. As anticipated, most of the firings in IMR near the DMZ were unobserved, and the statistics show that 41% of missions called were spotted but the rounds fired during these missions were only 31% of the total. These percentages could well have been higher but for all spotting aircraft being grounded for maintenance during the first 12 days on the Gunline. The employment of the ship in II & IIMR was spasmodic and resulted in days of no firing and days of firing in excess of 100 rounds in support of friendly forces operations. The ship in IVMR found more requirements for firing than had been the case during BRISBANE's presence the previous month, but again there were days when no firing took place. The total number of rounds fired by BRISBANE during this attachment to the Gunline was 1140. The NGLO of IMR was sufficiently impressed to pass his compliments on BRISBANE's firing whilst in his area, and the Commander, Task Group 70.8 expressed by signal, his complete satisfaction with our performance as the Commander Task Unit 70.8.9.

#### MARINE ENGINEERING

34. All main and auxiliary machinery has functioned well throughout the month. The quarterly full power trial was completed satisfactorily after departure from CEBU. Prolonged periods of steaming at slow speed on the Gunline has not introduced any problems. Training for departmental personnel has progressed well during the month and the end of quarter summary of certificates gained and examinations passed is expected to be above average. The training of ORDME's was devoted almost exclusively to lectures on individual machinery and systems followed by a written test.

#### WEAPONS ELECTRICAL

35. The period 2nd - 7th May was spent in Subic Bay carrying out maintenance. Ship's staff completed all outstanding planned maintenance and the Ship Repair Facility carried out essential electrical repairs on Mount 51 and installed an additional UHF transceiver (VRC 46) and speech secrecy equipment (KY 8) for use on the Gunline. Ship's staff took the opportunity to obtain the advice and assistance of manufacturers' representatives concerning TACAN and radar AN/SPS 52. Soon after leaving Subic Bay on 8th May, a Tartar practice firing was conducted using a warhead missile. The pilotless aircraft target was destroyed. The firing was conducted very smoothly and gave the system's crew a great deal of satisfaction.

36. From 15th May until the end of the month the ship was on the Gunline. The Mk 68 Director and Mount 51 both suffered serious defects during this period. The director's training amp/dyde failed and was beyond the capacity of ship's staff to repair. The left transfer tray of Mount 51 was struck by the recoiling gun due to a malfunction and was severely damaged.

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Despite these defects, all NGFS tasks were met and completed. Mount 51 was fired in preference to Mount 52 to reduce a disparity in barrel wear. More rounds have now been fired from Mount 51 than from Mount 52 but the former's muzzle velocity remains higher. The remaining Weapons Electrical equipment has given very satisfactory service especially the early warning radars and communications complex.

TRAINING

37. Preparations for Branch Technical Tests during the previous quarter came to fruition on 12, 13th and 14th May when 65 candidates for Chief Petty Officer, Petty Officer and Leading Rank sat for the written BTT's onboard at sea. Despite the difficulties of arranging timely mail deliveries to the R.A.N. Unit attached to the US Seventh Fleet, BRISBANE received all the BTT papers from the various testing authorities with the exception of those for Marine Engineering candidates for promotion to Chief Engineering Mechanic and First Class Artificer rank. These papers have been despatched by safe hand mail and it is expected they will reach the ship in Hong Kong during June. The tests will be conducted as soon as possible after receipt of the papers. Provisional oral examinations of these Marine Engineering candidates were conducted on Tuesday, 25th May, in accordance with COMAUSFLT Message DTG 060010Z MAY 71 and results reported in HMAS BRISBANE Message DTG 251036Z MAY 71.

38. A Fleet Promotion Board for Weapons Electrical candidates for promotion to Chief Petty Officer and First Class Artificer rank was convened onboard on 9th May. Results of the oral/practical tests were reported in HMAS BRISBANE Message DTG 120132Z MAY71. A Section 1 Promotion Board was convened onboard on 3rd and 4th May to examine ship's candidates in Part 1 (Power of Command) and Part 2 (Duties and Responsibilities of the Higher Rank) knowledge. The following numbers passed:-

a.	Section 1 Part 1	-	For Chief Petty Officer	14
			For Petty Officer	10
			For Leading Rank	.8
			Total	<hr style="width: 100%; border: 0.5px solid black;"/> 32
b.	Section 1 Part 2	-	For Chief Petty Officer	14
			For Petty Officer	8
			For Leading Rank	.9
			Total	<hr style="width: 100%; border: 0.5px solid black;"/> 31

39. A training schedule has been established aimed at completing all ORD's training so that they will be prepared to take their tests during the week commencing 4th October when the ship is on passage to Australia.

40. During May the 7 ORDMEs received a two week period of category training and the 4 ORDUCs were given a series of lectures.

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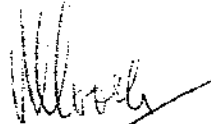
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41. The health of the Ship's Company has been good, their morale is high and their conduct satisfactory.

I have the honour to be,

Sir,

Your obedient Servant

  
(R.G. LOOSLI)  
CAPTAIN, RAM

Annexes:- A. Steaming Figures  
B. Ship's Movements  
C. Sport  
D. Exercises carried out in May  
E. Gunnery and Replenishments  
F. Availability of Electrical Systems

For Information:- The Commander, FIRST AUSTRALIAN DESTROYER SQUADRON  
The Commanding Officer, HMAS PERTH  
The Commanding Officer, HMAS HOBART  
The Australian Naval Attache, WASHINGTON D.C. USA

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## ANNEX "A"

### STEAMING FIGURES

Total miles underway	-	May, 1971	5002.1
Total Miles underway	-	Since Commissioning	113370.0
Total Hours underway	-	May, 1971	516 2/60
Total Hours underway	-	Since Commissioning	9170 12/60

### OCCASIONS OF EXCEEDING FAST ROUTEING SPEED FOR MORE THAN ONE HOUR

<u>DATE</u>	<u>SPEED KNOTS</u>	<u>DISTANCE MILES</u>
8 MAY	24	73
12 MAY	Full power trials	55.3
23 MAY	20	33
28 MAY	20	124
29 MAY	22	54

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ANNEX "B"

## SHIP'S MOVEMENTS - MAY, 1971

### MAY

1 - 2 Enroute Subic Bay  
2 - 8 Upkeep Subic Bay  
8 SAMEX Warhead Firing  
8 - 10 Enroute Cebu  
10 - 12 OPCON ACNB visit Cebu  
12 - 15 OPCON COMSEVENTH FLT assigned TG 70.8 enroute IMR RVN  
15 - 31 Assigned as CTU 70.8.9 in IMR RVN

## FORECAST MOVEMENTS JUNE AND JULY

### JUNE

1 - 12 Assigned TG 77.5 on Yankee Station  
12 - 14 OPCON ACNB enroute Hong Kong  
14 - 22 Visit Hong Kong. R & R and maintenance  
22 - 24 OPCON COMSEVENTH FLT enroute III MR RVN  
24 - 26 Assigned TU 70.8.9 III MR RVN  
26 - 30 Assigned TU 70.8.9 IV MR RVN

### JULY

1 - 22 Assigned TU 70.8.9 IV MR RVN  
22 - 25 Assigned TG 70.8 enroute Subic Bay  
25 - 31 Upkeep Subic Bay

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## ANNEX "C"

### SPORT FOR MONTH OF MAY, 1971

DATE	EVENT	REPRESENTATION
2 MAY	Rugby 1sts V DUCHESS Won 13 - 8	20
	Soccer V DUCHESS Lost 3 - 1	15
4 MAY	Soccer V G. Dewey School Lost 3 - 1	20
6 MAY	Aust. Rules - Executive V Technical	45
	Soccer V G. Dewey School Won 3 - 1	20
7 MAY	Swimming - ME's Gibbs and Murphy PST. Swimming Test Training	4
8 MAY	Rugby/Gridiron V UDT Subic Bay Won 24 - 18	30
12 MAY	Basketball V Philippine Army (Cebu) Lost 66 - 41	10

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ANNEX "D"

## EXERCISES FOR MONTH OF MAY, 1971

### AIO

<u>DATE</u>	<u>EXERCISE</u>	<u>REMARKS</u>
8 MAY	SAMEX. War head shot against AQM 37 a launched target.	

### GUNNERY

8 - 15, 16, 17, 18, 19 MAY	Balloon Track	7
8 May	SAMEX (1 warhead Tartar)	1
13, 27 MAY	SUPAC	4
13 MAY	GFTF	1
14 MAY	NGSCX	2
8, 16, 22, 28 MAY	Ammunition Ship	4
22, 28 MAY	Practice Missile Transfer	2

### TAS

With the ship closed up at Defence Stations between 14th and 31st May, the only TAS Training carried out was by the use of P.M.E. tapes when the ship departed from Gunline station for UNREP, short transits and inport periods.

### DIVING

Divers were exercised twice during the month on the 5th May at Subic Bay and 31st May at Da Nang. Bottom searches could not be practised due to the restriction on use of CABA reducer valves. A consignment of seven newly tested valves left Australia on 19th May but has not as yet arrived. As the ship's allowance is only two sets of S.S.B.A. gear it was extremely hard to put every diver in the water for 90 minutes. Of the 10 divers borne, 5 did not achieve 90 minutes - 3 due to medical unfitness and two due to non availability, on one or both of the days diving was carried out.

### NBCD

A major exercise was carried out on Monday, 24th May, 1971.

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## GUNNERY FOR MONTH OF MAY, 1971

DATE	AREA	TARGET DESCRIPTION	AIR/GROUND SPOT	MEAN GUN RANGE	NO. OF RDS/TYPE	GDA
152250	IMR	TROOPS IN OPEN	GROUND	15,000	14 ILL	No G.D.A. Not applicable
152340	IMR	TROOPS IN OPEN	GROUND	14,000	13 HC	1 KIA. (BC). 2 possible KIA.
160020	IMR	TROOPS IN OPEN	GROUND	14,000	7 AAC	1 50cal. M.G. Destroyed.
160115	IMR	1 ENEMY POSITION	NONE	17,000	12 ILL	Unobserved Harrassment
160252	IMR	1 ENEMY POSITION	NONE	17,000	12 ILL	Unobserved Harrassment
160520	IMR	1 ENEMY POSITION	NONE	17,000	12 ILL	Unobserved Harrassment
162123	IMR and DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	19,000	20 AAC	Unobserved Harrassment
162310	IMR and DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	28 AAC	Unobserved Harrassment
170010	IMR and DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	21,000	4 HC	Unobserved Harrassment
172125	IMR and DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	16 AAC	Unobserved Harrassment
172315	IMR and DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	22,000	12 HC	Unobserved Harrassment
180017	IMR and DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	22,000	16 AAC	Unobserved Harrassment
180537	IMR and DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	22,000	16 AAC	Unobserved Harrassment
182120	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	18,000	20 HC	Unobserved Harrassment
182330	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	16 HC	Unobserved Harrassment
190018	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	12 AAC	Unobserved Harrassment
190518	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	22,000	17 HC	Unobserved Harrassment
190110	IMR	LIGHTS	GROUND	13,000	17 HC	3 lights extinguished
190155	IMR	LIGHTS	GROUND	14,000	6 HC	2 secondary explosions. 3 lights extinguished.
190158	IMR	LIGHTS	GROUND	14,000	6 HC	Unobserved Harrassment
190205	IMR	LIGHTS	GROUND	14,000	6 HC	Unobserved Harrassment
192153	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	22,000	25 HC	Unobserved Harrassment
192328	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	22,000	25 HC	Unobserved Harrassment
200010	IMR	POSSIBLE ENEMY MOVEMENT	GROUND	16,000	9 ILL	Area well illuminated over target
200040	IMR	POSSIBLE ENEMY MOVEMENT	GROUND	16,000	9 ILL	Area well illuminated over target
200118	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	18,000	35 HC	Unobserved Harrassment
200503	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	18,000	35 HC	Unobserved Harrassment
202131	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	23,000	25 HC	Unobserved Harrassment
202345	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	23,000	25 HC	Unobserved Harrassment
210017	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	17,000	35 HC	Unobserved Harrassment
210322	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	17,000	35 HC	Unobserved Harrassment

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DATE	AREA	TARGET DESCRIPTION	AIR/GROUND SPOT	MEAN GUN RANGE	No. OF RDS/TYPE	GDA
212120	DMZ	5 SUSPECTED ENEMY POSITIONS VEHICLES	NONE	19,000	25 HC	Unobserved Harrassment
212326	DMZ	3 SUSPECTED ENEMY POSITIONS	GROUND	16,000	13 HC	Area well interdicted. Vehicles turned back across DMZ
212137	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	24 HC	Unobserved Harrassment
212157	DMZ	ROCKET LAUNCHING SITE	NONE	16,000	35 HC	Unobserved Harrassment
212212	DMZ	TROOPS IN OPEN	GROUND	23,000	10 HC	No GDA available
212313	DMZ	ROCKET LAUNCHING SITE	GROUND	13,000	13 HC	No GDA due darkness
220038	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	22,000	18 HC	Area well interdicted. No GDA due darkness
220505	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	25 HC	Unobserved Harrassment
222000	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	19,000	35 HC	Unobserved Harrassment
222005	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	14,000	25 HC	Unobserved Harrassment
222009	DMZ	MORTAR AND ROCKET SITE	NONE	21,000	10 HC	Unobserved interdiction
222054	DMZ	3 SUSPECTED ENEMY POSITIONS	NONE	24,000	6 HC	Unobserved Harrassment
222137	DMZ	6 SUSPECTED ENEMY POSITIONS	NONE	19,000	30 HC	Unobserved Harrassment
222207	DMZ	3 SUSPECTED ENEMY POSITIONS	NONE	16,000	6 HC	Unobserved Harrassment
222231	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	20,000	20 HC	Unobserved Harrassment
222318	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	18,000	28 HC	Unobserved Harrassment
230033	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	17,000	5 HC	Unobserved Harrassment
230533	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	17,000	20 AAC	Unobserved Harrassment
232117	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	21,000	5 HC	Unobserved Harrassment
232336	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	30 AAC	Unobserved Harrassment
232214	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	21,000	5 HC	Unobserved Harrassment
232218	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	30 AAC	Unobserved Harrassment
232223	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	21,000	5 HC	Unobserved Harrassment
232331	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	30 AAC	Unobserved Harrassment
240046	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	21,000	5 HC	Unobserved Harrassment
240520	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	30 AAC	Unobserved Harrassment
240057	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	21,000	5 HC	Unobserved Harrassment
240319	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	30 AAC	Unobserved Harrassment
242137	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	21,000	5 HC	Unobserved Harrassment
242332	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	30 AAC	Unobserved Harrassment
250042	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	21,000	5 HC	Unobserved Harrassment
250535	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	30 AAC	Unobserved Harrassment
252131	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	21,000	5 HC	Unobserved Harrassment
252342	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	30 AAC	Unobserved Harrassment
260017	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	21,000	5 HC	Unobserved Harrassment
260446	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	30 AAC	Unobserved Harrassment

SECRET

DATE	AREA	TARGET DESCRIPTION	AIR/GROUND SPOT	MEAN GUN RANGE	No. OF RDS/TYPE	GDA
262120	IMR	1 ACTIVE ROCKET SITE	GROUND	17,000	* 28 HC	Area well covered. No GDA due darkness
262150	IMR and DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	23,000	2 AAC	Unobserved Harrassment
262357	DMZ	2 SUSPECTED ENEMY POSITIONS	NONE	14,000	23 HC 4 HC	Unobserved Harrassment
262225	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	21,000	35 HC	Unobserved Harrassment
262301	DMZ	2 SUSPECTED ENEMY POSITIONS	NONE	13,000	4 HC	Unobserved Harrassment
270039	DMZ	2 SUSPECTED ENEMY POSITIONS	NONE	12,000	22 HC	Area well covered. No GDA.
270444	DMZ	BUNKERS	AIR	11,000	28 HC	1 Bunker destroyed, 2 secondary explosions
270043	DMZ	BUNKER COMPLEX	AIR	18,000	10 HC 10 AAC	Treeline very well interdicted. Good shooting.
270440	DMZ	1 SUSPECTED AMMO LOCATION IN TREELINE	GROUND	17,000	2 ILL	Very good coverage. Very fine shooting.
271715	DMZ	1 SUSPECTED ENEMY POSITION	GROUND	16,000	2 ILL	Very good coverage. Very fine shooting.
271742	DMZ	1 SUSPECTED ENEMY POSITION	NONE	22,000	3 HC	Unobserved Harrassment
271805	DMZ	3 SUSPECTED ENEMY POSITIONS	NONE	20,000	12 AAC 10 AAC	Unobserved Harrassment
271835	DMZ	2 SUSPECTED ENEMY POSITIONS	NONE	17,000	3 AAC	Unobserved Harrassment
281920	DMZ	2 BUNKERS	GROUND	14,000	4 HC	No GDA. Spotter reported he had a mlx up with grid co-ordinates. No GDA. Shifted target
281952	DMZ	1 SUSPECTED ENEMY POSITION IN TREE LINE	GROUND	13,000	23 HC	Mortars silenced. Mortar position destroyed. Very well interdicted. very good shooting
282052	DMZ	ACTIVE MORTARS	GROUND			

DATE	AREA	TARGET DESCRIPTION	AIR/GROUND SPOT	MEAN GUN RANGE	No. OF TYPE/RDS	GDA
291625	DMZ	1 SUSPECTED ENEMY POSITION IN TREE LINE	GROUND	14,000	13 AAC	Area well interdicted. Good shooting.
291648						
291705	DMZ	1 RE-INFORCED CONCRETE BUNKER	DIRECT BY SHIP PLUS AIR	13,000	19 AAC	Bunker heavily damaged.
291735						
292205	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	16,000	25 AAC	Unobserved Harrassment
292342						
300036	DMZ	7 SUSPECTED ENEMY POSITIONS	NONE	19,000	35 AAC	Unobserved Harrassment
300426						
301545	DMZ	1 SUSPECTED ENEMY POSITION	GROUND	15,000	4 WP 10 HC	Area well interdicted. Good shooting.
301616						
301640	DMZ	SUSPECTED BUNKER COMPLEX	AIR	16,000	15 HC	Area well covered.
301705						
301719	DMZ	BUNKERS	AIR	15,000	18 HC	1 round within 10 metres. 4 rounds within 50 metres. Area well covered. 1 Bunker destroyed.
301739						
301813	DMZ	1 BUNKER	AIR	16,000	16 HC	
301825						
302213	DMZ	5 SUSPECTED ENEMY POSITIONS	NONE	14,000	25 HC	Unobserved Harrassment
302345						
310137	DMZ	2 SUSPECTED ENEMY AREAS	NONE	17,000	10 HC	Unobserved Harrassment
310252						

SECRET

ANNEX 1124

DATE	NAME OF SHIP AND No.	STORES EMBARKED	STORES DISEMBARKED	STATIONS	NAME OF CAPTAIN	REMARKS
15MAY	TOLAVANA AO64	FFO 300 tons STORES	NIL	4 PROBE 6 M.H.L. 8 PROBE	CAPT. J.H. HOWARD	First Gun - 1512 All gone - 1551
16MAY	VESUVIUS A15	STORES 200lb 48 Starshell	NIL	6 MHF 8 MHF	CAPT. J.L. JESSEN	FG - 0709 AG - 0734
21MAY	PASSUMPSIC AO107	FFO 314 tons STORES 700lb	NIL	4 PROBE 6 NHL 8 PROBE	CAPT. F.B. BRUMLEY	FG - 0607 AG - 0655
22MAY	MT KATMAI E16	233 AAC 192 HC 390 NACO	Empty Powder Cases 450	6 MHF 8 MHF	CAPT. F.W. ULBRIGHT	FG - 1316 AG - 1416 Dummy Missile transfer and return
22MAY	REGULUS AF57	STORES 12000lb	NIL	6 MHF	CAPT. F. NELSON	
24MAY	TOLAVANA AO64	FFO 198 tons STORES 100lb	NIL	4 PROBE 6 MHF 8 PROBE	CAPT. J.H. HOWARD	FG - 1553 AG - 1631
28MAY	MT KATMAI E16	184 VTSD 351 HC 585 NACO	Empty Powder Cases 530	6 MHF 8 MHF	CAPT. F.W. ULBRIGHT	FG - 1454 AG - 1617 Dummy Missile transfer and return
29MAY	TOLAVANA AO64	FFO 269 tons	Mail	4 PROBE 6 MHF 8 PROBE	CAPT. J.H. HOWARD	FG - 0808 AG - 0849

SECRET

WEAPONS ELECTRICAL EQUIPMENT AVAILABILITY

EQUIPMENT/SYSTEM	DOWNTIME (HOURS)	AVAILABILITY (PERCENT)
<u>GUN SYSTEM</u>		
GPCS 68 (overall)	271*	49*
MT 51	90	84
MT 52	2	99
<u>TARTAR SYSTEM</u>		
FCS 1	6	99
FCS 2	34	94
WDE	0	100
LAUNCHER	2	99
<u>IKARA/SONAR</u>		
AN/SQS 23	2	99
IKARA (overall)	438**	20**
<u>RADAR</u>		
AW/SPS 52	0	100
AN/SPS 40	0	100
AN/SPS 10	31	93
975	4	99
DISPLAYS (average)	61	89
<u>ECM</u>		
PASSIVE	0	100
ACTIVE	0	100
<u>COMMUNICATIONS</u>		
Average of all equipments	-	96
<u>TACAN</u>	133	76

\* Downtime entirely due to director amplidyne failure  
 \*\* Downtime entirely due to failure EHT oscillator in Attack Console and lack of a spare.