

EUGENE A. BYER, USS MULLANY FROM APRIL 5, 1944 MEMO BOOK

MARCH - 1944

7th Leave Shoemaker, Calif. Board ship in San Francisco "Lur/ine".  
8th Leave port - Sailors stand security watch  
8th to the 17th Good sailing lots of fun entertainment by Soldiers and Wacs, Nurses  
18th Hit storm. Old ship really rolls, lots sea sick  
19th Still stormy  
20th Good sailing everybody up and coming. More fun  
23rd Arrive at Melina Bay, lay in port. Gals leave the ship  
24th Still in port waiting  
25th Go to Navy Receiving Barracks  
25th Go work at 8 o'clock. Boy what a place. Mud, rain and pests.  
Work in warehouse - stores  
26th Work on docks. loading trucks. Hard work  
27th to 30th Work in warehouse, eat and sleep is all there is to do

APRIL - 1944

1st Go across bay on barge, load gas until 10 at night. boy rain, it poured all day. don't feel so good.  
2nd Go to sick bay put to bed. Fever of 104<sup>8</sup> sure sick - "Cat fever"  
3rd and 4th Feeling better  
5th Go on draft again aboard the destroyer "MULLANY"  
Some time I wonder what the score really is.  
6th Go to sea. New alight  
7th A. A. practice. fire lots of ammunition  
8th In port - Milina Bay, Oil, Ammunition get a work out  
9th Leave Port sail to I wouldn't know  
10th still sailing  
11th arrive at Buna, supplies torpettoes and ammunition really tired  
hard work  
12th Sail again  
13th In Milina Bay  
14th Liberty get a few beers, fool around in rain and mud "What a Life"  
See Boys  
15th Put to sea again  
16th Still sailing nice weather sea like a lake so calm  
17th Back in port Los Nergos, Admiraties,  
18th Take on oil and supplies rain as ever

19th Put to sea again Clear and Calm. good sailing  
 20th Meet fleet sail West. 4 carriers - 4 cruisers - 14 cans  
 21st sailing West  
 22nd Attack Jap base - ~~Wadek~~<sup>WEWAK</sup>. Land troops. Bombard beach plenty  
 excitement. Plenty of air coverage  
 22nd Not to much trouble. troop all in before noon 6 transports and  
 supplies  
 23rd Patrol base - quite  
 24th Patrol base - quite  
 25th Quiet good job did. Refuel at sea from Carrier "Coral Sea"  
 Quite a job  
 26th Patrol Base - Quite  
 27th " " "  
 28th " " "  
 29th In Port Los Negros, Oil lots of ammunition, stores Good to feel  
 safe again  
 30th Leave port to patrol  
 MAY 44  
 1st Patrol Wadek - Base  
 2nd Port - Base alright. Get fuel - ~~sure~~ taken in good shape  
 3rd Patrol again - rescue pilot at sea. plane crashes as it leaves  
 carriers run way. Boy is he scared and damn lucky. Sure a long  
 time before coming up as the plant went right down  
 4th Still patrol. Change course  
 4th In late night Los Negros Oil - Ammunition and stores work all night  
 5th Liberty Los Negros. Beer and swim - look over island  
 6th Leave - sail east - good weather no rain for sometime  
 7th Join convoy. Liberty ship  
 8th Sail West again  
 9th Put in Los Negros  
 10th Put out to sea A.A. practice come in at noon. Ammunition and stores  
 Receive first mail sure a pleased lot of men  
 11th Patrol Harbor  
 12th In port - more mail again Liberty parties. more beer swim  
 13th Leave for sea at noon A.A. practice. Anderson killed. a sad  
 lot of men we are as Ship Repair fellow don't like it at all  
 Transfer Anderson to Phinx -  
 14th Sea Patrol - quiet as ever  
 15th In port - refuel from tanker

16th Leave port - 5 cruisers - 8 cans head west  
looking for trouble

17th Meet LST's early. Attack at dawn. Land troops. Bombard beaches  
Sink small boats and barges. Pick up Dutch agent with two natives  
one of eleven to escape Japs  
Were landed from sub six weeks before had much to tell. take him  
into port again barge picks him and natives up. go back to sea  
patrol again

18th Patrol - refuel from cruise "Australia" lots of hard work

19th Patrol again Quiet

20th " " "

21st " " "

22nd In Port Hallandia. fuel stores and ammunition. Place filled with s  
Sure took over fast

22nd Have air attack when tied to A.A. ship. Did we get under way in a  
hurry. Put to sea. Men left aboard ammunition ship. Go back  
tied to A.A. Ship get remainder of ammunition and men

23rd In Port. Clean up ship

24th " " " " "

25th " " " " "

26th Leave Port again sail West all night meet LST's early in evening.  
Slow down to eight knots.

27th Invasion of Baik - much trouble, troops land alright bombard air  
strip. Jap planes give us trouble 4 come in 3 shot down

27th Liberators bomb Jap all day not to much air support. Shore  
batteries open fire ship return fire two of can hit. Boy what a  
life. Patrol all day. Plenty of fun on the beaches, a hard fight.  
Really feel for the boys. Leave the place late afternoon thank  
the Lord.

28th In Hollandia - fuel and Amm

29th Patrol Baik. Go into harbor much trouble damm "Hornets Nest"  
Planes all the time the damm Japs

30th Patrol in daylight. Go in harbor at night spot sub drop charges on  
two runs.

30th Planes attack. Drop bombs near ship open fire and shoot it down.  
this is getting to be a real fight.

JUNE

1st Patrol Baik - Go in again at dark. Planes are around again. Troubl  
on the beach. Leave the place again before daylight.

JUNE 1944

- 2nd In Hollandia "Humbolt Bay" take on fuel and ammunition. Leave late in afternoon.
- 3rd Patrol Baik. Boy for planes G.Q all the time four planes attack Nashville. hit. men are killed and hurt. Fire much ammunition we were one of only two to fipe.
- 4th Patrol, # men of the Nashville buried at sea, more air attacks plane don't come in, in daylight. More planes at night drop flares. Bombers come in. We shot one down. Boy this Baik is sure a rugged place. Keeps everybody on the ball. Leave late head east again
- 5th Put in Humbolt Bay again refuel and take on ammunition. Got a little sleep all men tired out, everybody has enough fight for a time but will get more. We hate to go back to the place it means trouble.
- 6th Still on patrol pick up a few planes. Quite
- 7th Patrol outside daytime go in alone, shoot down plane. Five Jap destroyers. Fleet gives chase. Posts most of night other cans fire on them. Some sink barges, which Japs are towing, and cut loose. We return to cruises. to protect, flares dropped on us but no planes come in. G.Q. most of night, dead tired. The plane shot down early in night in bomber dropped bomb about 2000 yds of ship on starboard side. Leave for Hollandia in morning.
- 8th Hollandia - take on fuel and stores, in only few hours leave again for Baik arrive late in evening. Patrol again 1 air attack do not fire much trouble on beach Japs bomb beach.
- 9th Still patrol. Quite in day, day light, Japs again bomb beach 2 air attacks, planes don't come in. don't fire
- 10th Return to Hollandia take on fuel and stores, ammo
- 11th Hollandia - rest up
- 12th Leave Hollandia arrive in Admiralties late after noon.
- 13th Take on stores and fuel start cleaning up ship.
- 14th Much work painting side of ship and a general clean up
- 15th to 22nd Along side the tender. Sobin - work most of time. Ship in good shape again
- 23rd Leave Sobin. and anchor
- 24th Still in port
- 25th A.A. practice shoot down sleeves
- 26th In port
- 27th AA practice good firing

JUNE 1944

28th in port. Leave Sobin West of Hollandia  
29th Arrive Hollandia anchor in port  
30th Leave port sail west again

JULY 1944

1st Sail west to Baik do not stop. 11 cans - 3 cruisers  
2nd Sail north meet fleet for landing - no trouble, nice weather.  
3rd Landing at Honfor Island. We go in first. 2 Australian cans  
SCREEN fire on beach really blast hell out of things troops land  
without much trouble, all quite by noon. Planes bomb air field  
Plenty dead Japs. Sail for Baik at dark.  
4th In Hollandia. At anchor get a little rest again. Leave port  
5th Sail east for Admiralties Nice trip calm sea  
6th Admiralties in port  
7th Admiralties fuel and Anchor  
8th Leave port A.A. practice fair firing. One sleeve  
9th A.A. practice again two sleeves after a lot of firing  
10th A.A. practice - night firing and screening with cans of 5th fleet  
11th In port along side the tender Whitepony  
12th Still at tender, Liberty on damm little island. Have a few beers  
Swim and sleep a few hours  
13th -14-15 Still at tender ship cleaned and all fixed up again.  
Leave tender and anchor  
16th Anchored in harbor  
17-18-19-20 Lay at anchor  
21 A.A. practice at sea nice weather fir ing good  
22 At sea with Austies sub practice  
23 Battle practice with ships of 3rd fleet night runs.  
24 Same routine anchor in port  
25 Still at anchor  
26 A.A. practice back in port early. Amm and stores  
27 Leave port early sail west  
29 Sailing west meet Ausies. Continue west  
30 Troops land on Western New Guinea no firing. Quite landing  
No Japs at all  
31 Our first stop in Baik. Quite the place refuel.

AUGUST

1st Sail again Patrol West of Baik

AUGUST

- 2nd In port at Baik. Go to G.O. twice at night Jap planes go not come in. Leave port for Sidney. Boy what a happy bunch of men.
- 3rd Sail east
- 4th Still sail East
- 5th Sea is ruff as is the weather. Most of men sea sick. Boy what a life in the mess hall. Only a few eat. things sure rull
- 6th Milina Bay. Fuel stop for four hours. Place isn't like last saw it not much left here.
- 7th Ruff sea again. Seems to be worse than before. Boy for sick men
- 8th Still ruff - got sick this morning. A light in few hours. What a mess this ship.
- 9th Weather clearing up. Really going is better men are around again
- 10 Dock at Sidney - boy what a mad rush every body going ashore  
5 day leave - on 1st leave party - quite the place
- 11 Have a big time at Mayfair Hotel Bar. Boy for a drinking bunch of sailors all lite. Go to Troidaris to dance filled with sailors  
Boy for gals. Every sailor has two or three. big time
- 12th Same thing drink and be ahppy with it. Go to show
- 13 Sunday get up early go to Mass at St. Marys
- 13 Go out and see Slim and Gil to Coogee drink all day to ships  
dance in evening. Really have a good time get mail
- 14 Go board ship - go shopping. Things are high not much to pick from lots of stores like Chicago people milling in them. Go to show. Drink beer all afternoon
- 15 End of leave. Back again in mess hall. serve meals and go down town to show to service mans club drink beer for hours. Get in early.  
Go to Mass again
- 16 Go out at 5. Drink beer and go go show have lunch back to ship early
- 17 Get late start but find more to drink and go to Ohola Club dance have a big time again sure quite the deal. These people sure are dance crazy.
- 18 Go out to show back to ship at 10:30 believe it or not
- 19 On the go again. Boy I'm getting tired of chasing around go to club and get beered up. Wined up at Sidney's best the Rose Room. Boy for a time. dance. Drink and eat. Boy did it cost plenty.  
thirty six dollars is all. But it was worth it. got in about 4 am

Go to St Mary's to Mass. Go ashore at six to show. To service club more beer. Go to Alka Club dine drink and dance again.

Boy this life is killing me. dead tired

Go to show quite evening. get a few hours sleep

Go to show again drink few beers

Go to show see the Savallion. Good show. Lunch. Back to ship early. Go in early buy quart to take on ship to shop.

Buy few little things. Drink beer in evening. in early really slowing down now

Last day of liberty drink 4 bottles of ale finish up on 16 beer at Chit Boy full of beer in early again 10 PM

Leave Sydney. Sail north again

A.A. practice test fire, fuff sea not like coming down. Nice cool weather all time

Target practice surface firing out of Brisbane good firing one towed target

A.A. practice terrible don't even get the sleeve. nice weather again

Milina Bay. Fuel. place is deserted for sure hardly any ships in. Stay in about six hours.

Sail west taking our good time. Have night manovers. Sub in port early - Admiralties go to Mass. 'Boise'

Leave port again sub practice in early lots of mail and stores

In port clean up strip again - hot weather

Still in port - Still clean ship. looking good

Leave port for night maneovers, with other ships - smoke screen and firing star shells General Quarters - four hours

Still at it fooling around

In port - refuel - stores

Leave A.A. practice (terrible)

In port again

Leave Admiralties 5 carriers 5 cruisers - 21 cans sail west

In port Hollandia refuel - seave sail west

Sailing west All Quiet.

Still sail West join landing craft and more fighting ships (quiet)

Sail west join more ships 105 ships all together. Quite ships all

SEPTEMBER

- 14 over the place nice weather.
- 15 D-day again. Island of Morotai fire on islands shell them good with all guns. Start fires not much exists troops land. No Japs planes in day light. Plenty of air coverage. Lots of bombers few night fighters. GQ before 8PM. Wondering what the night will bring.
- 16 GQ 4AM Japs planes do not come in our fighters on them Patrol all day. Quiet start for Baik - 6 P.M.
- 17 Sail east all quiet nice weather
- 18 Still sailing east pick up sub can't find in port evening
- 19 Change Captains in port Baik, refuel, amm. stores tried to Waramga. Meet Thomas have few beers.
- 20 At sea. fooling around again back in port early
- 21 Tied to Australian cans again have more beer
- 22 Still in port (Baik)
- 23 Still in - church on Austie ship
- 24-25 In port (Baik)
- 26 Leave Baik - sail West - more practice refueling at sea. Battle drills inspection by men Capt (change course) East
- 27 Sub practice and foolishness never seems to send Sailing EAST
- 28 Gun practice on firing Sailing East
- 29 Admiraly Island our old port again. Ship-loads of
- 30 in port refuel and stores

OCTOBER

- 1 In port. Go to Mass 'Boise' - look like a long stay. good for a change
- 2 sub practice lots of mail and stores
- 3 At sea again A.A. practice really burn the amm, fire torpettoes. Plenty work getting it aboard again
- 4 Surface target practice
- 5 A.A. practice - very good shoot plenty 40mm good firing
- 6 Target practice again
- 7 Tie to, back at sea plane base try to see Sam
- 8 Ship repair boys work on ship - see Sam nice trip about 15 miles by boat, good time
- 9 Still at dock go on beer party. A damm mess no more for me
- 10 In port, leave dock, go to mass - communion



OCTOBER

- 11 Still port leave in morning take on stores and amm
- 12 Sail west with outfit in Hollandia
- 13 Anchor in port fuel and stores again
- 14 Still in port no mail since the 9th many ship leave port today looks like something really big we are to escort communication ship to landing talk of going to states after land hope to be home for Christmas
- 15 Leave Hollandia 6AM with Amman and cover ship practice General Quarters, sail north all day and nite
- 16 Still sail north pass one convoy. Meet up with another transports and carrier, hot weather
- 17 Sail west with convoy transfer mail to both com-ships (quiet) pass Palnea
- 18 Sail west slow refu<sup>l</sup> from tanker (Japs thanksgiving day) Quiet day hotter than ever. Lose my good racket. On deck again really are discussed. Rangers found on small islands.  
Still sail West (Quiet) Hotter than hell News of Rangers
- 19 Sail West - slow trip tomorrow is A day (Quiet) Many air craft in night 1 can hit - damaged
- 20 A - Day. Troops land on 40 mile beach. A great task force 600 naval ships - heavy gunfire from all ships so much smoke (4 LST's - 1 sunk) couldn't see (2 cruiser - Honolulu) much, we cruise around entire beach with Nashville and Waskin nice trip air attack 5 PM cruiser takes fish in magazine - 235 men CASUALTIES beach to make repairs to tow out of Gulf. 4 planes attack us at dusk. Heavy gunfire drives them off. no more trouble. GQ and 1 easy - for 18 hours boy are we tired. Planes bomb beach. Shelling is terrible like the roll of thunder, 1 can the Ross hit on way in early morning but is towed out. New escorts are very correct, leave go to sea night
- 21st Start in early morning have air attack plane shot down. Planes really blast at ships Cruise Qusthaetics hit on bridge all ships in heavy smoke screen. troops and supplies land all night are really giving Japs a bad time, some planes fighting tough. War ships open fire again at dawn carrier planes bomb beach more troops land What do you know In port and watch show on beach ship or beach shoot down another plane - 9 AM learn to all newreports to states. Once we get new first 2PM much firing

OCTOBER

21 contd

on beach but is generally quiet, hotter than hell. Watch planes bomb hills and stop for ships firing in land. 5 PM weigh anchors head out again. planes come in at dark attack ships and beach only a few. 4 attack as cruiser opens fire. Planes do not come in. 10 PM spot lights ahead - Honnalulu being towed out to *Admiralies* off GQ early. Quiet until dawn few planes attack beach

22

Carrier planes in early, keep off Japs. Fighting continues on beach ship bombard again many fires on beach Quiet anchor again. Troops reinforced, many civilians on beach. Get some sleep learn to news troop take capital cities - 30,000 & 6,000 and 2 air strips. A Jap flying one of our TBS's came in with ours and bomb beach gets away with it. Beach head, 60 miles one place and 30 miles another in from 4 to 8 miles, hard fight in spot. Moving fast. Leave at 4 to spot further in watch fighting on our (TARCLOBAN TAKEN)

beach head all going well - civilian on the beach again. men, women and children sure a mess to see people are really glad waving flags. ours and white ones. Weigh anchors at 5:30 PM go to sea again. GQ at 7:30 two planes come in on other ship both shot down in short order. GQ over at 8:00 PM get 4 hours sleep - watch at 12:00 many star shells by ships fighting continues day and night.

23

Monday GQ at 6 AM more planes 1 shot down - some make for us but turn off. GQ over 7:15 believe it or not after anchoring we scrub outside bulkheads. I seeing everything now, cruisers sti shell inland. Planes blamb weigh anchors go to sea at 4:15 G.Q. at 6 PM two Jap bombers come in both shot down. All clear and 7:30. Quiet night, watch mid to 4 AM get few hours sleep Wonder what tomorrow will bring.

24

GQ at 6:30 AM lots of Jap planes. hit LCT sink it - 12 planes in all - shot down - 7 attack lasts till 9:30. GQ at 10:30 AM Zeros come in lots of them fighters come in, shoot down 3, ships shoot down 2 - 12:00AM more bombers in ships shoot down 2, attack over at 2PM, no ships hit we fire a few 40mm, Boy what a life. We laid smoke screen most of morning. Place sure smoked up Can't see far. Report Japs ship on the way down. Sure looks like a fight yet. Troops are doing fine. 35 more transports come in, 22 planes down. 8 possible, GQ at 1:30

OCTOBER

24 contd

Japs dive bomber lay smoke again. Planes come in. We open fire with other ships planes comes down (Jap Val) We lose one plane ship shoot it down in attack - chow times today - 10:30 AM - 3:00 PM and 9:30 PM. What a time and I'm tired. Sleep until 3:30 AM am surprised. Quiet all nite much fighting on beach. Get report on sea battle most of ships in it. Japs are taking a beating. Sure is alright. We sure can't let them in now. P.T. boats really give them a time. Battle started at 12:30 16 - nite fighters help us

25 Wednesday

Sea battle raging boys are doing all right. 40 miles can see flashes from heavy guns, first air attack at 6:15 bomber and fighter. We fire plenty fighters shoot down bomber see it. Quite the deal. 2 more are shot down. one falls close to ship. Boy have they nerve fly right to gun fire. 2nd attack at 7:10 - 2 planes 11 down. 9 PM \_ another attack fighter and bomber Our fighters on them ships shoot down 1 or 2 again, basivers is busy just keep them coming. The air fields are repaired flocks of Amy P-38s come and land. The Japs had better keep out more.

Japs fleet on the run ship are cleaning them up. Planes are helping too. Hope they get them all

10 AM - get a shave and shower shall sleep if they don't bother us this afternoon. We were to join sea battle but stayed to protect com ships. Suits us fine, some of the blood thirty boys are batching. I am satisfied here. More supply ships pour in.

1045 Japs in again boy, what a life, about noon one come in the first good shot. Boy we down him in short order (Val) We have them coming in regular now. Fire a few rounds at each attack. Get late chow, chow again, going to refuel but too many planes in.

Aweigh anchor at 3 PM go to sea with Omman, boy what a force patrolling strait, all quiet. Battle ships taking on amm from LSTs. We catch up with fleet and fall in line. The Japs force is being chased south by part of 3rd fleet. We lose one can (608) Looks like we might sleep more tonite. 7 PM air attack again which make about the 16th for today. We don't LIAE, sleep. I need hit the bunk at 8:30 -

26 Thurs

(2 planes-sub) Quiet nite. Get good sleep. Damm plane around again QG at 6:30 AM - 10:30 11:00 Quiet until 3:30 P.M. more planes

OCTOBER

26 contd

fire on them fail to come in range

5:30 again planes - fire again no luck 7 PM planes lots of them. We fire on one. other ships get 2 (good)

9:00 PM torpette goes accross bow. pick up sub. Chase for long time. Drop depth charges 3 time, lose contract after 3rd run. Stay around to see if com pick up again

Quiet after that get sleep again. May got out. Call for stand by.

27 Friday

Sub left dead in water I think we got it

Stand by for sub and relief. Air attack 7:00 AM fire few 5 inch.

Plane goes, D.E.'s come. PT's call for help planes bomb them one is sunk two damaged. Take off = six wounded men. PT's tow other disabled boats. We take men to LST hospital two in bad way.

Doc gets them patched up. 2 men missing. Get into, take off men at 11:00 AM Another damm air attack. Getting used to them

now. Shooting at planes a pass time. Leave port 2 PM Sail East to join carriers. GQ at dark again hope for quiet nite (Quiet

28 Sat

Watch 4-8. Catch carrier force GQ - 9 AM again at 11:00 and 11:30 no action plane of force crashes in water off our port bow. Stand by for pilot he don't come up plane sunk suddenly lost man. 5:PM GQ - at 5:30 no attack 6:30 - Austies fire on F4F. Don't even know our own planes. Sure a *shame*

3:30 GQ in shower

4:15 GQ - back in shower what a life

Stand by for plane landing in dark - make it ok

Sea ruff. Moon bright like day don't like it quiet evening

29 Sunday

On Watch - 12 to 4. Quiet leave carriers at 1 PM Sail west at 25 to 30 knots. Quiet night good sleep

8:AM Pass convoy of supplies transports in Gulf.

11 AM - in port Watch 12 x 4 Wondering what score is lots of stories about next duty. Believe nothing until I see it. In port 10 AM refuel - 2 PM from West Virginia Leave port 4 PM sail east order to return to Pearl Harbor looks like the states for the boys. Hope to get there by Christmas. In high spirits now. More ships are with us see tomorrow. 8 x 12 watch again

30 Monday

East we sail. Quiet alday. Join carrier force. 65 ships in all c cruisers - carriers and battleships. Sub fires torpetteoes again

OCTOBER

30 contd

look for it can't find. Weather ruff. sleep till 12 PM  
12 X 4 watch. Boy get we run into storm. wind about 80 miles  
an hour. Boy the old ship sure in taking a beating last for 4 hours  
All loose gear blown away. What a night. Nice weather at dawn  
smooth sailing again

31 Tuesday

Quiet - Nice weather cruise along at about 10 - 15 knots  
Everybody in high spirits don't do much work. Boy will it  
be fine to be home for few days. Boys say we should be in around  
14 - pass plane 10 AM other ships leave us. 3 battleships  
1 cruisers 5 cans Work a little day first since lading. Looks like  
long trip. Nice weather.

NOVEMBER

1 Wednesday

Sail north and east arrive in Ulethiaslands at 4 PM tied to tanker  
movies tonight The Carrier force that bombed **Foramosa** in here loads  
of warships wonder where they came from. Weather nice pretty  
warm but not like **Lyt**ye Gulf

2nd Thursday

**UNRIC** from tanker good nite sleep. Work all day. two cans came along  
side take off 5 comm and 20 mm. tender boats take off fish Hot  
day all these places down **here** seem to be hot. Climate I guess

2

New of the 'Amber Reed' sank Jap suicide planes - they were our  
relief. Ammun also hit, Guess we left just in time. Damm Japs

3 Friday

**DE**'s take off more amm and supplies cool weather

4

Just lay at anchor boats take off more supplies nice day

5

Leave port at 6 AM 2 carrier, 1 **WAGON**, 3 cans sail east

5 to 11th

Sail east slow trip

11th refuel from carrier - **Narsaw** - 2 1/2 hours to fuel. 5 more  
days to Pearl Harbor - cool - but ruff sea

15

arrive in Pearl Harbor Liberty - start at 1 PM

17

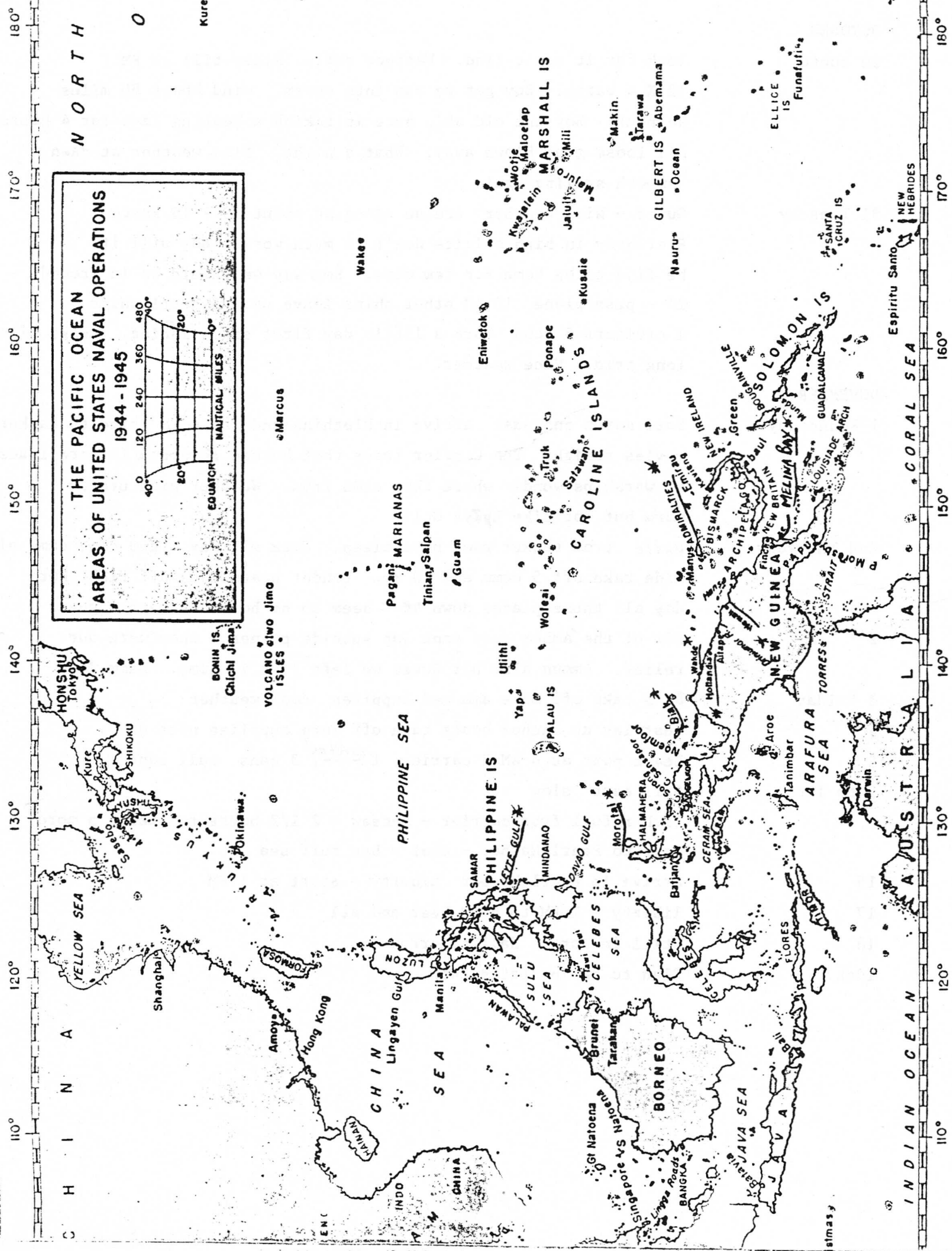
liberty - 1 PM to 6 PM beer and all

18

Still in port. Sail tomorrow -

19th

Plan to be in states 24th



THE PACIFIC OCEAN NAVAL OPERATIONS  
1944 - 1945

0	120	240	360	480
40°	NAUTICAL MILES			
20°	EQUATOR			
0°	20°			

CHINA  
HONSHU  
SHIKOKU  
KURE  
YOKOHAMA  
OSAKA  
Kobe  
Shanghai  
Amoy  
Hong Kong  
Lingayen Gulf  
Manila  
LUZON  
SULU  
BORNEO  
INDONESIA  
SUNDA STRAIT  
MALAY PENINSULA  
SINGAPORE  
BRUNEL  
TARAKAN  
SARAWAK  
CELEBES  
SULAWESI  
MINDANAO  
PALAU ISLANDS  
PHILIPPINE ISLANDS  
SAMAR  
CELEBESE GULF  
Davao Gulf  
MOROTAI  
MALMAHERA  
GERAM SEA  
BATAK  
NOEMFOR  
AROC  
TANIMBAR  
ARAFURA SEA  
TORRES STRAIT  
NEW GUINEA  
PAPUA  
NEW BRITAIN  
NEW IRELAND  
GREEN ISLANDS  
BROOKVILLE  
MELIMBA BAY  
GUADALCANALA ISLANDS  
LOUISIAD ARCH  
P. MOROBY  
DARWIN  
AUSTRALIA  
INDIAN OCEAN  
AUSSTRAALIA  
CORAL SEA  
NEW HEBRIDES  
ESPIRITU SANTO  
SANTA CRUZ ISLANDS  
ELLICE ISLANDS  
FUNAFUTI  
GILBERT ISLANDS  
Nauru  
Ocean  
Abemama  
Tarawa  
Makin  
MARSHALL ISLANDS  
Jaluit  
Majuro  
Wotho  
Kwajalein  
Maloelap  
Wake

NORTH OCEAN  
Kure  
Midway  
HAWAII