

SRH- 275

OP-20-G FILE

OF

FLEET RADIO UNIT, MELBOURNE (FRUMEL)

28 JUNE 1943 - 2 SEPTEMBER 1945

DECLASSIFIED per Part 3, E. O. 12058
Director, NSA/Chief, CSS
Date: 20 April 1984

REVIEWER'S NOTE:

The first review of this document was conducted by personnel of the U. S. Navy. The original classified versions were retained by them and have been placed in the NSG Repository, Crane, Indiana

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28 JUN 1943

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MEMORANDUM

From: The Officer in Charge, Melbourne Communication Intelligence Unit.
To : The Assistant Director for Communication Intelligence.

Subject: News Memorandum for period ending June 21, 1943.

Enclosure: (A) Skeleton Personnel Bill.
(B) Personnel Bill.
(C) Muster List U.S. Navy Personnel only.

I - ADMINISTRATION

A - G Items

1. Enclosures are copies of the personnel bill finally worked out for this unit in cooperation with the Director of Signals and Communications, ACNB. This is based on a maximum complement of 300 U.S. Navy Communication Intelligence Personnel plus the present complement and anticipated requirements of Australian Navy personnel. It includes all personnel who have definitely been ordered to this unit which, in case of U.S. Navy Personnel, are the 26 enlisted mentioned in VCNO despatch 020820 of June 1943 (listed as "expected in July"), and the 4 officers who have not yet reported, of the 7 mentioned in VCNO despatch 301719 of April 1943.

2. The allocation of personnel in various divisions, sections, and jobs, was based upon a careful consideration of the mission of this unit and the type of operation required under this mission. The two basic functions of the local organization are: (a) Supplying the C.I. Organization with all types of information and (b) supplying the Commander Southwest Pacific Force with operational intelligence. The first can best be accomplished by regarding this unit as primarily one to intercept and read traffic which cannot be heard elsewhere. The other mission necessitates a comprehensive C.I. section for rapid dissemination of operational intelligence derived from decrypted information obtained by this unit and that furnished on the COMB Circuit. The organization as given is based upon these two functions.

3. Of the 203 U.S. Navy C.I. personnel shown attached, (Lieutenant Commander Fabian is regarded as part of the complement on detached duty; Lieutenant Commander Holtwick and Lieutenant (jg) Gregg being here on temporary additional duty, are not included), one Communication Yeoman has been recommended previously for transfer to general service; and one R.M.3c has not shown sufficient aptitude in C. I. work so far, to place definitely, and will probably be a loss. These should be subtracted from the total now attached, to determine requirements. The total requirement of USN C.I. personnel therefore amounts to 300. This includes

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201 attached, 30 ordered, 29 radio intercept operators, whom it is expected will be students from Bainbridge when available, 40 additional communication intelligence personnel, who are hereby requested, as listed below:

BREADDOWN OF U.S.N. REQUIREMENTS

<u>Division</u>	<u>Section</u>	<u>Job</u>	<u>Qual.</u>	<u>Short</u>	<u>Requested hereby</u>	<u>Notes</u>
OP	Adm	Yeoman	G2	2	2	
OP	Adm	Utility	Q3	1	1	
OP	Adm	Sentry (Non CI)		1		See par. 9.
OP	GI	Int. Watch				
		Officer	OI3	2	(x) 1 CWO; 1 ORD	
OP	COM	Coding Off.	CC3	3	4	One replacement for (x).
OP	COM	Comm. Yeoman				1 in excess; See par. 3.
OP	IBM	Repair	B3, B4	2	2	
OP	IBM	Operators	M2, M3	5	2	4 ORD; 1 see par. 3.
OP	TFC	Additives		3		3 ORD.
LAN	TFN	Lang. Off.	J2, J3	2	2	
LAN	DEC	Maj. Sys. Prep.	Z2	2		2 ORD.
LAN	REC	Lang. files	YZ	2		From TA clerical excess.
CRY	CIP	Cipher W.O.	Y3	3		3 ORD.
CRY	CIP	Cipher Recov.	Y2	18	8	10 ORD.
CRY	MIN	Recovery	Y3	3	3	
CRY	MIN	Files	XY2	3		3 ORD.
TI	TA	Various				
		Research	T2, T3	12	11	1 ORD.
TI	TA	Identifications	XT3	2		2 ORD.
TI	TA	Weather	W2	1	1	
TI	TRK	DF Plotters	F3	4	4	
IHT	MOR			19	18	1 ORD.
IHT	ADR			10	11	See Section II
					69	30 Ordered.

4. Employment and prospective allocation of intercept and DF personnel is covered in Section II.

5. In order to conform to administrative requirements, the senior officer attached to this unit, Commander S. A. Carlson, was on June 3, 1943 ordered

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as Officer in Charge. For practical purposes this has made no basic change in the operational functions of the unit. Lieutenant Commander Holtwick has been assigned the duties of Administrative and Operations Officer.

B - Space and Security.

6. Shortly after Lieutenant Commander Fabian's departure, steps he had taken to obtain additional block of six flats in this building culminated in our acquisition of this space. This permitted expansion of certain activities which were unduly crowded and allowed a reassignment of certain sections in order to facilitate the flow of traffic from one desk to another. It is believed that this will be further improved upon the reporting of six WRANS messengers who have been ordered.

7. Request for this additional space brought to a head the complaints to local housing authorities against the occupation of living quarters by government activities. In view of the admitted inconvenience in the present location as for as adequate utilization of space is concerned, it was agreed to entertain proposals for a move either to a new building or to another existing building if certain requirements laid by this office and the DSC were met. No commitments have been or will be made until after submission of any proposals to the Commander U.S. Seventh Fleet. To date no proposed location has proved satisfactory but it is believed the local authorities will probably make every effort to provide suitable accommodations in order that this unit be eventually be moved out of the Monterey Flats, as considerable pressure is being brought to bear by the estate agent.

8. In view of the remoteness of any move, steps are being taken to provide at Monterey adequate additional space for an IBM Machine Room large enough to handle the amount of equipment considered necessary to enable this unit to function most efficiently.

9. At the present time the security of the installation is considered adequate. However, this has been obtained only by detailing a number of general service Regular Navy petty officers to the sentry unit. A minimum of 14 men is deemed necessary for adequate security. It is not considered to the best interests of the service that competent petty officers be withheld from new construction and other technical billets for which they are fully qualified, for the purpose of standing guard duties. A request was made some time ago through the Commander U.S. Seventh Fleet for replacement of the sentries by U.S. Marine Corps personnel from the 1st Marine Division which is billeted in Melbourne. It is believed that this request was forwarded to Marine Headquarters in Washington and to date no reply has been received. It is believed that this is a matter that could well be investigated by the DNC.

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C - Correspondence.

10. Air mail communication between this unit and Washington and Honolulu continues unsatisfactory. The check of time of transit of airmail shipments will indicate that there are evidently considerable delays at transshipment points enroute. No means of clearing this situation up can be devised by this unit and it is believed that necessary action will have to be taken at Washington to establish a high priority under which certain items can be mailed and received expeditiously handled enroute. This unit is not cognizant of what might be possible under the U.S. Army air ferry service, now used for microfilms to Washington only. It is suggested that Honolulu investigate the possibility with a view to using this method for shipments of traffic when the B-H Microfilm service is instituted.

11. To date only one copy of Honolulu's Weekly News Memorandum has been received, dated May 15. It is requested that this unit continue to receive copies as they have proved most interesting and helpful. It is planned to continue Baker's News Memorandum on approximately a bi-monthly basis.

D - Communications.

12. It has recently been discovered that a statement made in Baker's 270242 of May 1943 was in error. Headquarters, Commander U.S. Seventh Fleet, at Brisbane, does hold the necessary devices for reading COPEX messages. In general, the practice there is to read only those transmitted to Commander U.S. Seventh Fleet, which does not include those addressed to COMB, unless retransmitted by this unit.

13. If and when the proposed move of the Third Fleet Unit to Noumea takes place, it is believed that Commander Third Fleet should be reinstated in the COMB collective address. The Third Fleet Unit has been well trained and indoctrinated by Commander Pearce and is considered fully capable of handling COMB information for the Commander South Pacific. Their location at Third Fleet Headquarters is therefore highly recommended, and it is believed, will greatly facilitate the rapid obtaining of operational intelligence by that Commander.

E - Equipment.

14. A careful survey of the requirements of this unit, set against the possible space available, indicates that the total IBM machinery allowance should be two (2) each of the following: Type 405 Tabulators; Type 513 Summary Producers; Type 075 Sorters; Type 077 Collators; Type NC4 Machines; plus six (6) Type 035 Alphabetical Punches. Baker's despatches 250528 May, 100447, 150150 and 231751

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June, and Negat 121017 June gave a resume' of the specifications of equipment desired and was not repeated here. It is believed that with this amount of equipment, Baker would be able to carry on normal statistical work for the various sections in addition to using the machinery for preparation of cipher recovery work sheets and code work sheets; this work, at present being done by hand, is obviously wasteful of considerable man-power, and it is believed that with the machinery listed, a large number of the people in the cipher analysis and language divisions can be released from pure preparation work to the more important work of analysis.

15. The problem of rapid supply of intercept traffic copies to Negat and Hypo is still not satisfactorily solved. At present a Graflex Photorecord equipment is being used for photographing Morrabbin and Adelaide River intercepts on 35 MM film for forwarding to Negat only. A 16 MM, model C, Commercial Recordak equipment is enroute from Hypo for this station, and on arrival, will be used for photographing the same intercepts for forwarding to Hypo. It is considered much more economical of labor here and space in transit to use the 16 MM method in view of the fact that the actual photographing requires about one tenth the time and the bulk of film comprises somewhat less than twenty percent of the space. Tests run by Lieutenant Commander Holtwick at Hypo indicated that photographed copies of these films could be made on the regular automatic "V" Mail processing machinery at high speed, and would be adequate for filing purposes. It is suggested that Negat investigate the possibility of using the 16 MM microfilm in view of the fact that Hypo also has one of the Commercial "C" Recordaks. If automatic projection machinery is not readily available, it is believed that a model "A" Recordak enlarger would prove as fast or faster than Negat's present equipment, and this is acceptable for not only 16 MM but also 35 MM. Attention is also invited to the possibility of using the Recordak film viewer for preparing typewritten or punched copies of the traffic direct from the film without the necessity of an intermediate photograph print.

16. In connection with VCNO Secret letter serial 06439320 of May 31, 1943, the only practicable method of preparing the required records at this station with the personnel available is considered to be the 16 MM Recordak. Unless advised to the contrary, Baker expects to photograph, as opportunity permits, after receipt of the Recordak equipment, all original outstanding COMB despatches and all operational intelligence despatches sent to Commander Seventh Fleet and Commander Task Force 71. In view of the limited processing facilities in Melbourne, it is anticipated that these film records will be forwarded undeveloped for processing in Washington. Additional negative film will be required for completing the back records, and will be requested.

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17. Information has been received from the Seventh Fleet Communication Officer, that among other equipment listed in a recent letter from BuShips as being on order for this force, were one 50 kw. high frequency transmitter and seven 3 kw. transmitters with high speed equipment. It is believed that this equipment is for Australian DF Stations and was ordered as a result of Captain Redman's recommendation. In view of the various shifts in personnel in this area, it is urgently recommended that a letter be drafted indicating the intended use and location of this equipment, since no one in the Southwest Pacific Force at present seems to be quite certain as to what was finally decided.

18. Based on the possibility of establishing a third U.S. Navy Supplementary Intercept Station here, mentioned in item 23 below, a survey has been made of the radio receiving equipment situation. The only items on record as having been ordered to this unit are:

- 2 Boshme Ink Recorders with included tape pullers.
(Reference Navy Yard, Washington B/L 879010 dated December 16, 1942)
- 4 Intercept adaptors, model RCC (BuS&A NXES-18159 of April 26, 1943).
- 5 model REA receivers (Cvt. B/L W-1056733 of April 26, 1943).

The following break-down does not take into account the above equipment or any other which might be on order.

<u>Required at</u>	<u>Equipments</u>	<u>On hand</u>	<u>Condition</u>	<u>Additional Required</u>
Moorabbin	38 Receivers	28	Good	10
	29 RIP-5s	23	Good	
		2	Fair	
		2	Very poor	6
	1 HF-D/F	0		1
	3 Line Amplifiers	1	Good	2
	3 Tape Recorders	2	Unsuitable	3) Bechne.
	4 Tape Pullers	2	Unsuitable	4)
	2 W.U. Typewriters	2	Good	
	2 Frequency Meters	1	Good	1
	2 Tube Testers	1	Good	1
	2 Signal Generators	1	Good	1
	2 Corr. Typewriters	1	Good	1

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<u>Required at</u>	<u>Equipments</u>	<u>On hand</u>	<u>Condition</u>	<u>Additional Required</u>
Adelaide River	18 Receivers	9	Good	9
	15 RIP-5s	6	Good	
		2	Fair	9
	1 Line Amplifier			1
	1 Tape Recorder			1
	2 Tape Pullers			2
	1 W.U. Typewriter			1
	1 Frequency Meter	1	Good	
	1 Tube Tester	1	Good	
	1 Signal Generator	1	Good	
	1 Corr. Typewriter	1	Good	
Exmouth Gulf	1 HF-D/F	1	Good(old)	
	1 Search Receiver			1
Cookstown or Cairns	9 Receivers			9
	7 RIP-5s			7
	1 Frequency Meter			1
	1 Tube Tester			1
	1 Signal Generator			1
	1 Corr. Typewriter			1

Total additional equipments required for the four activities:

30 Receivers.	1 W.U. Typewriter.
22 RIP-5s.	2 Frequency Meters.
1 HF-D/Fs.	2 Tube Testers.
3 Line Amplifiers.	2 Signal Generators.
4 Tape Recorders.	2 Corr. Typewriters.
6 Tape Pullers.	1 Search Receiver (interchangeable with receivers in D/F Equipment)

Note: Estimate of required RIP-5s is based on a desirable ratio of three RIP-5s to four receivers, and the spare measuring and aligning equipments for Moorabbin are recommended as auxiliary units available to any advance base as required.

19. It is practically impossible to obtain typewriters of any description in Australia. To fill the urgent present needs of this unit, it is requested that six (6) standard correspondence typewriters be shipped by rapid means, disguising the containers.

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Subject: News Memorandum for period ending June 21, 1943.

I - Personnel

20. In view of the comparatively long delay involved in the transmission of basegrams, Alnavs and BuPer Circular letters to this unit, any news concerning appointments or promotions would be greatly appreciated if sent by despatch.

21. The information regarding Radio Electrician Novak's promotion to Ensign when received by despatch enabled us promptly to chase down a copy of the governing letter and effect the appointment some weeks earlier than would have normally been the case. It is believed that action of this kind has a definite morale value. The number of people from the Communication Intelligence Organization contained in BuPer circular letter 73-43 was extremely disappointing. It is realized that probably every effort is being made by the Director of Naval Communications to obtain an equal recognition of the services rendered by all personnel, at all units, not only in recent months but in laying the background in the past ten years. It remains, however, a very difficult task for the Officers in Charge of Field Units to explain to some of their personnel, many of whom were recommended for commissions almost three years ago, why it is that general service personnel, much junior to them, and naval reservist personnel greatly inferior in experience and training, are being commissioned and promoted while they, who made achievements of the C. I. Unit possible, are not mentioned in the despatches.

22. It is sincerely believed, from a personal knowledge of the recommendations made by two of the three Communication Units, that this organization has been extremely modest and conscientious in its recommendations for temporary appointments to warrant and commissioned ranks and that in comparison to many of the general service personnel being advanced, there are many Chief Petty Officers now not recommended who fully deserve consideration. Information is requested as to whether these additional recommendations would be acceptable immediately to be held by the Director of Naval Communications for submission at the next opportunity.

II - OPERATIONS AND PLANNING.

A - GA Items.

23. In view of the successful results from the establishment of Adelaide River Station and the considerable amount of unduplicated traffic copied there, a study has been made in conjunction with the DSC, ACNB, to determine what further steps might be appropriate in this direction. The latter officer has at present, ready for occupancy, a small intercept station at Townsville which awaits only the availability of teleprinter equipment to go into operation. Initially this station will be manned by 8 intercept operators WRANS and 4 WRANS teleprinter operators. The RMO Sidney has available a number of Model 15 teleprinters which were received without keyboard units. If 4 such units could be shipped by air express to the Fleet Radio Unit, Melbourne, the Townsville station could be placed into operation

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Subject: News Memorandum for period ending June 21, 1943.

immediately after their receipt. It is further planned that even prior to receipt of teleprinter equipment, a research unit will be established at Townsville to determine what coverage is possible; and that probably within the next two weeks the D.S.C. and Lieutenant Commander Holtwick will make a trip north to inspect the Townsville facilities from the point of view of logistics and security, and in company with Radio Electrician Burnett will proceed further north to Cairns and Cooktown in order to make a survey of the practicability of establishing a U.S. Navy Intercept Station in one of the three locations. It is believed entirely feasible to extend the teleprinter line from Townsville north, and if the situation warrants, and provided approval of the Commander Seventh Fleet is obtained, steps will be taken to establish a Supplementary Radio Station of approximately 16 operators under the charge of Radio Electrician Burnett in whichever location proves the most feasible. Complement of this station would be subtracted from Moorabbin requirements, plus Radio Electrician Burnett from Adelaide River. Further information will be furnished after the survey has been completed.

B - Research.

24. Lieutenant Cook and Lieutenant (jg) Gregg are currently engaged in a comprehensive survey of the possibility and limitations of IBM facilities as applied to the particular problems of this unit. The current IBM equipment ordered is based upon these researches and certain possibilities in connection with amplifying the scope of the HC4 machine are now being explored. It is believed that the plan of operation derived from this analysis will enable this unit to take a much more useful part in the analytical and recovery problems of the organization by exploring all locally intercepted traffic at the earliest possible opportunity, which it is not possible to do under the present hand methods.

C - Intercept and DF.

25. In connection with the 14th Naval District Confidential Memorandum of May 29, 1943, subject; Weekly Report on DF Nets; enclosure (C) thereof brings to light a point in connection with reports on quality of bearings. A search of the records available at this unit fails to reveal any directive or instructions for evaluating quality of bearings. The system of evaluation used by the Australian DF Net, translated into U.S. classification, requires that "A" be the average of repeated observations of a single transmission, none of which varied more than two degrees in either direction from the mean. Similarly, "B" bearings must result from repeated observations, none to vary more than five degrees from the mean, and "C" bearings, ten degrees. Single and scattered bearings fall under the classification of fair, poor and snap. It is believed that a new directive to all DF Stations laying down the requirements for each classification

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would eliminate many of the difficulties mentioned in the reference and result in a improved set of fixes. In this connection attention is invited to the suggestion previously made to Hypo that three different types of vanes with various angular displacements of the density segments be prepared for automatically weighting the reported bearing by quality. The suggestion previously submitted was based upon the Australian system of bearing evaluation.

26. [redacted] has recently reported to this unit and been assigned to the general duties of Tracking Officer, coordinating DF plotting and RFP-TINA activities. The result of interchange of RFP matches on the DEBT Circuit are quite gratifying, but it is believed that from a traffic analysis point of view, considerable extension is possible. It was for this reason that Baker requested that all Case Numbers be included where applicable in the Hypo COMB reports of DF Fixes. The ultimate value of RFP and TINA will not, of course, be realized until there is a standardization of methods between all stations and a means devised for codifying and exchanging the characteristics of records made by different stations. It is believed this offers at the moment one of the most fruitful and vital fields for research. In this connection it is requested that a complete description of the FBI Fingerprint Sorter be forwarded to Lieutenant Gregg at Hypo.

D - Analysis.

27. In view of space considerations and to maintain a maximum possible mobility, it is determined inadvisable for Baker to keep a large volume of back files. A directive regarding the disposition of back traffic would be appreciated. At present this unit has files in the Major Administrative System going back to October 1942, for which no possible use by this unit can be foreseen. Unless desired by Negat, permission is requested to burn all back intercepts except for the current and penultimate cipher of each effective code.

E - Translations.

28. No remarks.

F - Intelligence.

29. No remarks.

30. It is essential that this document be delivered to the addressee with the least possible delay. Therefore, its transmission by registered mail within the continental limits of the United States is authorized.

cc: Station "H".

J. S. HOLTWICK, JR.,
Lieutenant Commander, U.S. Navy,
By direction.

FILE CO
RETURN TO
OP-20-GX

COPY

B/co.
P. Wkly
News
mems

COMMANDER U. S. SEVENTH FLEET
(FLEET RADIO UNIT)

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5750 ✓
15 July 1943

From: The Officer in Charge, Melbourne Communication Intelligence Unit.
To: The Assistant Director for Communication Intelligence.
Subject: News Memorandum for period ending July 15, 1943.

I - ADMINISTRATION

A - G Items

1. In view of the fact that the Personnel Bill and Muster Lists forwarded with last news memorandum were correct as of June 22, Personnel Report will not be included until the end of July.
2. It is noted that personnel received here via San Francisco are receiving mail readdressed by Treasure Island as follows: Radio Intelligence Navy Radio Station, Belconnen, Australia." It is suggested that the proper forwarding address (Navy 136) be furnished various receiving barracks concerned for the purpose of forwarding of mail of personnel transferred to this unit.

B - Space and Security:

3. A detail of twenty marines under the command of a sergeant has been ordered to report to this unit for sentry duties. It is expected that they will have taken over by about July 15, at which time the general service Navy personnel now employed for this purpose will be released.
4. The Works Department of the Australian Naval Board (who provide space for this unit) submitted, about ten days ago, a proposal that this activity be moved to a building which can be made available on the corner of Flinders and Degraes Streets in downtown Melbourne. This building, which for the present is occupied by a furniture store (Foy-Ackman), was inspected by Commander Newman, Lieut. Comdr. Holtwick and later by Lt. Comdr. Lietwiler. It is admirably suited to all needs as far as fire-proof construction and arrangement of space is concerned, there being a basement and four floors, each having a area of three thousand square feet. Each floor consists of two large rooms separated by large fire-doors. There is a passenger elevator and a freight elevator and ample points to permit installation of adequate lighting are already installed. The basement would be well suited for IBM machinery and ample power supply is available. The sole drawback is its location, practically

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C O P Y

Subject: News Memorandum for period ending July 15, 1943.

in the center of the city; however, it is believed that the other considerations will outweigh this factor and tentative plans are being made to acquire the building and move us in. This will be discussed with the Commander SEVENTH FLEET during the ensuing week and final decision made and communicated to you.

C - Correspondence

5. No remarks.

D - Communications

6. There are no copies of any of the ciphers required for Crypto Channel 38 at present available in Australia. It is understood however, that a large shipment of publications has just been received by the Issuing Office at Sydney and a check is being made to determine whether it contains any of the required publications. If not, it is suggested that local stations be supplied from Washington and Honolulu. It is considered more practicable however, for this office only to hold this system, and any communication for Australian DF stations normally using this channel be relayed as appropriate by this office.

7.

E - Equipment

8. Four additional RIF 5s have been received from the Issuing Office at Auckland.

9. Teleprinter equipment remains scarce and a major hold-up in establishing satisfactory inter-communications. One type 15 machine has been obtained from the Radio Pool, Sydney, and installed in this end of the Adelaide Riverline; the type 19 (on loan from U.S. Army) which it replaced is being shipped to Adelaide River for use as an extra and stand-by machine. It is expected that the new line between this unit and Adelaide River, which will be for our exclusive use, will be ready for operation within a week. This should eliminate considerable line trouble and delay incident to sharing the line. However, at least four machines (two type 19 and two type 15) are needed by this activity for speeding up communications and getting in intercept traffic from Townsville, which is ready to operate but has no means of forwarding traffic rapidly.

F - Personnel

10. It is again urgently suggested that discrimination against DMC complement personnel in the matter of time required in rating be removed. We have several first class in this unit who are fully qualified

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Subject: News Memorandum for period ending July 15, 1943

for CPO whom we are unable to recommend, although general service personnel with less service as first class, attached to the Supply Depot here, have been rated.

11. Copies of the following publications are needed for the personnel office of this unit:

BuPers Manual.
Navy Register 1942.

II - OPERATIONS AND PLANNING.

A - GA items

12. The survey mentioned in paragraph 23 of Baker's News Memorandum of June 21 has been approved and Commander Newman and Lieut. Commander Holtwick will depart July 15 for [redacted] Sydney, Brisbane, Townsville, Cairns and Cooktown. Radio Electrician Burnet will join them at Brisbane. A complete report will be furnished in the next news memorandum.

B - Research

13. Experiments are currently being made with a new type [redacted] Table which may prove to be of some value. A full report will be supplied after the experiments are completed.

C - Intercept and DF

14. The pamphlet on plotting DF fixes as a straight line by means of the poles of bearings was received yesterday by the DSC and has been examined with considerable interest. It is possible that steps may be taken here to adopt this method.

D - Analysis

15. No remarks.

E - Translations

16. No remarks.

F - Intelligence

17. The Intelligence Section of this unit has been considerably enlarged and its operations revised with results beginning to become apparent. A total of 4 officers (Lieut. Comdrs. Lietwiler and Lehman, Lieut. (jg) Green and Morris) and four yeomen are currently assigned full time to this section. Revised systems of filing and logging of collateral information, plus the free interchange of questions and answers between this unit and the Seventh Fleet Intelligence Officer have, it is believed,

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considerably increased the efficiency of the local set-up. As our files become more complete and our present experimental methods crystalized, it is believed a further improvement will result.

G - IBM Items:

18. The most urgent items for consideration in connection with the machine room here is the question of repair personnel. At the present, aside from Lieut. Cook, whose time is increasingly occupied with operations and experimental problems, this unit has but one partially qualified repairman. There is immediate need for one qualified and experienced man preferably an ex-IBM serviceman capable of acting as maintenance supervisor. Arrival of additional equipment now on order will require the services of one additional experienced repairman plus a partially trained man, and a replacement for Chief Radioman Estes, who has had over three years outside the continental limits. IBM servicemen sent to this unit should be above average in ability in view of almost total lack of assistance available in this territory from commercial installations.

19. In view of the length of time required to replace parts and the impracticability of maintaining a complete stock of parts, it has been deemed advisable to plan for keeping a stock of replacement units for various machines on hand in order to limit the time any one machine may be unserviceable due to breakdown. A broken unit will be replaced immediately, and repaired at the first opportunity, ordering replacement of parts not in stock from Watson Business Machine Company in Honolulu by despatch and air mail. If they cannot supply, Hypo will forward the despatch to Negat for action. This should reduce to a minimum the time lost due to break-downs. This unit now has an inventory of parts stocked in Hypo for guidance.

20. In order to accomplish the above it is requested that this unit and Hypo be furnished copies of the contract governing IBM machines at Baker and those on order.

21. The paper situation in Australia is quite critical. Fanfold paper is now on order from the United States. Tabulator cards are now being obtained locally from the British Tabulating Machine Company who prints them locally from imported stock. Up to the present they have been able to meet current demands. However, it is believed that additional cards may have to be ordered and shipped from Endicott. An estimate of the situation will be given as soon as machine systems are stabilized.

22. In view of the shortage of machines, time and personnel, this unit is unable to perform much experimental work either with machines or processes. It is felt that we would profit by a mutual exchange of ideas and developments with other units.

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Subject: News Memorandum for period ending July 15, 1943.

23. It is essential that this document be delivered to the addressee with the least possible delay. Therefore, its transmission by registered mail within the continental limits of the United States is authorized.

/s/ S. A. CARLSON.

cc: 14 ND Comm. Intel. Unit.

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C O P Y

A2-11(15)

Serial 105

COMMANDER U. S. SEVENTH FLEET
(FLEET RADIO UNIT)

JSH/mdj

13 August 1943

M E M O R A N D U M

From: The Officer in Charge, Melbourne Communication Intelligence Unit.
To : The Assistant Director for Communication Intelligence.
Subject: News Memorandum for period ending August 10, 1943.

I - ADMINISTRATION

A - G Items

1. It is noted that, in certain cases, orders from the Bureau of Personnel include the phrase "for Radio Intelligence duty". As these orders are at times forwarded in plain language despatches, it is suggested that some other phraseology be employed which will avoid giving away the functions of the Fleet Radio Unit. A recent instance occurred in the despatch orders of Lieutenant Commander Bromley.

2. It is noted that Lieutenant (jg) Green's orders to this unit directed him to report to the Commander Amphibious Force, Southwest Pacific. This error by BuPers almost lost us his services.

3.

4. In order to facilitate action upon requests for services (such as copies of captured documents or supplementary information) desired from any of the allied units in Australia, it is requested that these be forwarded via the Commander Seventh Fleet. The reason for this is that any such requests from the Navy Department of ICPOA received by ATIS or the Central Bureau is first referred to the Seventh Fleet Intelligence Officer for recommendation to CHIC, SWPA. Therefore a considerable saving in time would result if these requests went direct to Commander Seventh Fleet.

B - Space and Security

5. The detail of Marines mentioned in paragraph 3 of News Memorandum of July 15 has reported and taken over. The general service navy personnel have been released with the exception of CHAIL, B.R.; EM2c.,

C O P Y

SECRET

Subject: News Memorandum for period ending August 10, 1943.

who has been retained by authority of the Commander Fleet as a general utility, material and teleprinter upkeep man. CHALL is at present attending the teleprinter school in Brisbane. Authority is requested to give him the oath of secrecy and utilize him freely within the unit.

6. The building mentioned in paragraph 4 of the preceding News Memorandum was vetoed by Commander Seventh Fleet on account of its central location. Steps are therefore being taken to add a structure to Monterey sufficient in size to accomodate the IBM machinery. It is anticipated that the ACNB will probably construct a building to house this unit at a site near Victoria Barracks. This site has been examined and found satisfactory by Commanders Newman and Holtwick. No definite information regarding the prospective date of starting the building can be given at this time. Ample security measures will of course be included and it is believed that the building will consist of about 12000 square feet of floor space so arranged as to give maximum convenience in operations.

C - Correspondence

7. No remarks.

D - Communications

8. The teleprinter line between Monterey and Townsville is ready for use and the type 15 teletype for Monterey has been received from Commander Seventh Fleet. The type 19 for Townsville is enroute there, as is a model 14 perforator obtained from the Army. The line will go into operation as soon as Townsville receives the equipment.

9. The teleprinter line between Adelaide River and Monterey, exclusively for Navy use, was put into operation July 19th. This means that a line need no longer be shared with the Army.

E - Equipment

10. The radio material report for July has recently been forwarded and it is believed that this will give a comprehensive picture of what equipment is on hand, where it was obtained and at which station it is located.

11. Authorization from Vice CpnNav and Commander Seventh Fleet having been obtained, arrangements are being made to ship one DAB-3 Direction Finder to Adelaide River for installation.

F - Personnel

12. It is urged that all yeomen and radiomen be taught at the outset of their training the pronounciation of the Japanese kana alphabet. It

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Subject: News Memorandum for period ending August 10, 1943.

is noted that roughly eighty percent of the personnel received from Washington, both at Hypo and Baker, had apparently no conception of the correct pronunciation of the kana vowels.

13. A reply to paragraph 22 of the News Memorandum of June 21 would be appreciated.

14. The recent requirements of shorthand and typing for yeomen in this activity is somewhat difficult to understand. It is believed that the effort required to learn, train, and examine personnel in certain qualifications necessary for general service ratings, both radiomen and yeomen, that are of little inherent value to RI personnel, could well be expended in more useful ways.

II - OPERATIONS AND PLANNING

A - GA Items

15. Results of the northern trip by Commander Newman, Commander Holtwick and Radio Electrician Burnett indicates the advisability of establishing an additional small USN intercept station at Cooktown. A request has been made to Commander Seventh Fleet for an extension of the teleprinter line from Townsville to Cooktown, and his approval of the establishment of this station is being awaited. A compilation and survey of the material necessary for setting up this station is being prepared and it is believed will all be obtained locally. Providing no unforeseen obstacles occur, Radio Electrician Burnett and a party of about 8 operators will be able to assemble material and start for the station within about a month. It should take less than a month after that for the station to be in operation, at which time it is planned to send an additional 8 operators. A building is already available which can be used with minor alterations. One of the 10 KW diesel generators will probably be used at Cooktown and the other sent to Adelaide River as originally planned.

16. Indications are that the Cooktown location will give excellent coverage in the quadrant from North to East on a number of circuits unheard elsewhere, including anything from the low frequency band up. Several circuits in the 2000 kilocycle band were copied with excellent results during the evening and night hours.

17. A project has been undertaken to expand the facilities at Adelaide River to accommodate a larger number of personnel. It is planned to build this station up to about 34 operators in the course of the next 4 months by sending drafts of 8 men from Moorabbin to replace five at Adelaide River each month. The first such draft will probably leave here within two weeks.

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C O P Y

Subject: News Memorandum for period ending August 10, 1943.

18. If one was not procured by Lieutenant Commander Fabian, it is requested that a camera be furnished this activity for various official purposes. It is believed that the best all-around type would be a 2 $\frac{1}{4}$ X 2 $\frac{1}{4}$ with coupled range finder and F4.5 lense.

B - Research

19. No remarks.

C - Intercept and DF

20. An additional draft of 4 WRANS intercept operators is now enroute to Townsville, which will double their complement. Traffic from Townsville is now being sent by airmail and is proving quite valuable in supplying material not received elsewhere.

21. If the Cooktown project is approved, it is anticipated installing a DAB-3 at Cooktown.

22. Information from New Zealand indicates that the intercept station at Suva will be in operation with 4 operators about the end of the month. Traffic will probably be forwarded by air both to Hypo and Philpott. It is also expected that the DF at Suva will be converted about the same date to a new type capable of covering four channels simultaneously.

D - Analysis

23. No remarks.

E - Translations

24. No remarks.

F - Intelligence

25. No remarks.

G - IBM Items

26. Information is requested as to the prospects of receiving a qualified IBM repairman here in the near future.

27. It is essential that this document be delivered to the addressee with the least possible delay. Therefore, its transmission by registered mail within the continental limits of the United States is authorized.

/s/ J. S. HOLTWICK, JR.,
Commander, U.S. Navy,
Deputy.

019

cc: 14MD Comm.Intel.Unit.

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A2-11(15)

Serial

153

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RJF/mdj

17 SEP 1943

~~SECRET~~

MEMORANDUM

From: The Officer in Charge.
To : The Assistant Director for Communication Intelligence.
Subject: News Memorandum for period ending September 15, 1943.

I - ADMINISTRATION

A - C Items

1. Correspondence has been received from the Navy Yard, Washington, D.C. and from the Bureau of Ships addressed "Radio Intelligence Direction and Intercept Station, Navy 136". It is suggested that both of these activities be furnished the proper title of this unit.

2. It is considered that the Officer in Charge, Station Baker's memorandum serial 53, which was unsolicited by Op-20-G, was given little thought, with the result that the three outstanding traffic analysts will likely soon become lost to this unit, probably all within a few weeks of each other. It is requested that upon receipt of this news memorandum, any prospective orders for Radio Electrician Johns be deferred indefinitely. Ensign Hoover has submitted a request in which he desires cancellation of his present orders. This request was forwarded via the Commander Seventh Fleet. When Lieutenant Commander Fabian visited Washington, he went into the matter of GT personnel thoroughly with Lieutenant Commander Dennis, and a working agreement was reached, which, in effect, was destroyed by the Officer in Charge, Station Baker's serial 53. The reason for this request is to assure that this unit have sufficient time to indoctrinate newcomers in its own methods, which cannot be done if the key men are all removed within a short period of time. In connection with the above referenced memorandum, it has been learned that in the instance of Hoover, Whitlock and Johns, they were under the assumption that information of that character was being gathered for office use only; that they did not realize that a memorandum was to be sent to Op-20-G with such recommendation as it carried, and that none of the three are particular anxious to leave here but are reluctant to have any further action taken, now that the memorandum has reached Washington.

3. The original documents requested by Negat in their 131528 of August have been requested through the Fleet Intelligence Officer; legible photos were received and forwarded by Baker on 13 September.

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Serial

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~~SECRET~~

17 SEP 1943

SECRET

Subject: News Memorandum for period ending September 15, 1943.

4. Colonel Carter Clarke, U.S. Army, was met at the Air Field at 1400, September 3, 1943, and brought directly to Fleet Radio Unit where he spent several hours being conducted on an unrestricted tour of the unit and engaging in a long conversation with the Officer in Charge and Deputy regarding units of this type in general. It was noteworthy in his conversation to have him voluntarily make a statement to the effect that he was horrified with the working of the Central Bureau when he visited that unit in Brisbane. He was requested to make a point of giving his observation regarding that unit and their methods to Op-20-G upon his return to Washington.

B - MAINTENANCE AND SECURITY

5. Because of a prospective withdrawal of all marines in Melbourne, the security situation has again arisen. Commander Seventh Fleet has been requested to intercede in an effort to have a guard detail of marines, not fit for tropical duty, retained in Melbourne indefinitely. No reply to this request has been received from Commander Seventh Fleet.

6. Commander Seventh Fleet has directed ACNB to construct a temporary building of approximately 12000 square feet floor space. ACNB has, in turn, submitted to this unit a plan for a standard building, in order that we may recommend internal subdivision and construction. Such details will be submitted to ACNB this date; an unofficial conversation with the construction officer concerned indicates that they estimate two months building period. Past experience with this same officer would indicate that we can not expect to vacate the present building before four months.

C - CORRESPONDENCE

7. The Deputy Commander Seventh Fleet has verbally expressed his complete dislike for the manner in which Radio Intelligence personnel, particularly officers, is handled within R.I. units. In spite of this unit's policy of always keeping Commander Seventh Fleet informed by memorandum or letter of changes in personnel in which we think him interested, he still believes that all personnel matters should be routed through him.

D - COMMUNICATIONS.

8. CHALL, B.R., E.M.1c, U.S.M. is expected to finish the Teleprinter Maintenance School in Brisbane about 24 September at which time a new class will be convened. Orders have been requested for HADLEY, P.P., C.R.M.(AA), USNR. to attend the next class.

17 SEP 1943

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Serial

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~~SECRET~~

Subject: News Memorandum for period ending September 15, 1943.

9. The teleprinter line between Monterey and Townsville has been in operation since 4 September. It is operating satisfactorily.

10. Two model 14 perforators have been received from Honolulu. One has been transhipped to Adelaide River; the other to be retained at Monterey until such time as the Cooktown Intercept Station is commissioned.

11. The DSC has requested that a remote control receiving line be set up between Monterey and Flinders, and when this line is completed the intercept of the present NPZ schedule will be performed in Monterey, thereby doing away with the teleprinter circuit and consequent errors introduced by multiple handling. It is expected that this project will be completed prior to the end of September.

E - EQUIPMENT

12. This unit has received, during the last month, 8 RBE, 15 RBA, and 3 RBC receivers. At the present time experiments with ultra high frequency at Darwin have produced nil results. Particular attention has been paid to ultra high use during air raid periods, and thus far there has not been a single signal intercepted. Also, at Adelaide River, experiments have been conducted in low frequency intercept, with the same result. Furthermore, when the Cooktown site was investigated, it was found that no low frequency intercept was possible. Consequently, of the above receivers, no prospective use is in sight for either type until it becomes possible to set up intercept stations near the fighting front. Meanwhile the receivers are stored in Melbourne where upkeep facilities are not convenient. Consequently, these receivers, which at this stage are unusable, will be sent to the Radio Pool, Sydney, until such time as a location exists at which such receivers may be used.

13. The DSC has been informed by the Admiralty that there is now under shipment a DT direction finder which they desire to have installed at Exmouth Gulf, operation of which will be under the direct control of the Commander in Chief, Eastern Fleet. Since any bearings that are taken by that proposed DF would be available to ACNB and consequently to Fleet Radio Unit, it may be possible, at a later date, to withdraw the FRU DT now installed there for use in New Guinea. Such a move, however, is not contemplated until such time as bearings from the CinC. Eastern Fleet controlled net indicates that adequate coverage is being obtained at that site.

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17 SEP 1943

Serial

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Subject: News Memorandum for period ending September 15, 1943.

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14. In spite of conflicting thoughts, it is still believed that wholesale recommendations for promotion to warrant and commissioned ranks is not justified, and this unit has no intention of making any recommendations on the basis of long and faithful service. It is undoubtedly true that there does exist a feeling amongst the old timers in the RI organization that they are not being justly rewarded when they see reserve commissioned personnel over them who can not even be compared to them with regard to experience and knowledge. However, because this situation exists, it doesn't seem remotely reasonable that the RI organization should enter into a distribution of warrants and commissions to people who doubtless have many many more qualifications than the reserve officers whom are currently over them, but who still do not meet with the laid-down definitions of qualifications for commissions.

15. Hypo's nomination of ESTES, P. E., CFM(PA), USN. for IBM school was noted.

II - OPERATION AND PLANNING.

A - 20 G-1 Items

16. A modal C Recordak plus 48 rolls of 16MM film was received from Hypo on September 2, 1943. Since 16MM film is unobtainable locally and since it is desired that once the photographing of intercepts for Baker and Hypo is commenced Baker should be in a position to keep it continuous, no photographing of intercepts will be made unless otherwise directed, until a flow of 16MM film as requested in Baker's 070754 of September 1943 is started. Meanwhile the project of photographing operational despatches and records (except those addressed to COMB or TUNA) is underway and will have been successfully completed prior to the receipt of additional film for intercept photographing. Recordak gear has been set up in the teleprinter room. Tests have been run and it is indicated that the use of this equipment will greatly facilitate the photographing problem. One outstanding feature is that messages of any length may be photographed and appear as complete messages, rather than partial messages obtained by maskings as is necessary under the present use of the 35MM Graflex. It is planned to number only the Moorabbin intercepts, since they are the only ones that are received in the standard U.S. manner of copying on 5 X 8 1/2 intercept sheets.

17. The matter of procurement of a camera requested in paragraph 18 of Baker's news memorandum dated 13 August, can and will be settled locally. The Supply Department is now taking steps to procure a Leica or Graflex for miscellaneous use.

023

12-11(15)

17 SEP 1943

Serial

15

~~SECRET~~

~~SECRET~~

Subject: News Memorandum for period ending September 15, 1943.

No reply has been received to Baker's request to Commander Seventh Fleet that steps be taken to procure and remodel the site selected for the Cooktown Intercept Station.

19. Eight men have arrived at Adelaide River and five men who have been up there for six months are now enroute to Melbourne. Upon their arrival eight additional men will be sent up.

20. It is regretted that incomplete despatch photographs were forwarded to Negat and steps will be taken to prevent recurrence.

B - RESEARCH

21. No remarks.

C - INTERCEPT AND D/F

22. Intercepts produced by the present Townsville Station have proven very valuable in supplying material not received at other stations.

D - ANALYSIS.

23. No remarks.

E - TRANSLATION

24. No remarks.

F - INTELLIGENCE

25. No remarks.

G - IBM ITEMS

26. No remarks.

27. The originator hereby certifies that it is impracticable to phrase this document in a manner which will permit a classification other than SECRET. Due to the urgency of this document, its transmission by registered air mail to the addressee is authorized.

S. A. CARLSON.

17 SEP 1943

A2-11(15)

Serial 153 ~~SECRET~~

~~SECRET~~

Subject: News Memorandum for period ending September 15, 1943.

18. No reply has been received to Baker's request to Commander Seventh Fleet that steps be taken to procure and remodel the site selected for the Cooktown Intercept Station.

19. Eight men have arrived at Adelaide River and five men who have been up there for six months are now enroute to Melbourne. Upon their arrival eight additional men will be sent up.

20. It is regretted that incomplete despatch photographs were forwarded to Negat and steps will be taken to prevent recurrence.

B - RESEARCH

21. No remarks.

C - INTERCEPT AND D/F

22. Intercepts produced by the present Townsville Station have proven very valuable in supplying material not received at other stations. *Intercept very valuable*

D - ANALYSIS

23. No remarks.

E - TRANSLATION

24. No remarks.

F - INTELLIGENCE

25. No remarks.

G - IBM ITEMS

26. No remarks.

27. The originator hereby certifies that it is impracticable to phrase this document in a manner which will permit a classification other than SECRET. Due to the urgency of this document, its transmission by registered air mail to the addressee is authorized.

S. A. CARLSON.

cc: Station "H"

(RETYPE FOR PURPOSE OF CLARITY)

~~SECRET~~

Orig GY 11/4 B/co w/ky news memo

COMMANDER U.S. SEVENTH FLEET
(Fleet Radio Unit)

RJF/mdj

A2-11(15)

Serial 222

~~SECRET~~

MEMORANDUM

18 Oct 1943

From: The Officer in Charge.
To: The Assistant Director for Communication Intelligence.
Subject: News Memorandum for period ending October 15, 1943. ✓

I - ADMINISTRATION

A-G Items

1. Orders for Radio Electrician Johns were received at Fleet Radio Unit two days after the exchange of despatches which appeared to cause utter confusion. Since we had had no previous word of the orders, we submitted a despatch to the Commander Seventh Fleet stating that Johns had not yet received orders but since his name had appeared on Baker's serial 53, it was believed that they would be forthcoming. When the despatch arrived in Brisbane, apparently the Personnel Officer modified it without indicating to us that orders were actually in hand. In view of Negat's despatch 121456 of October 1943, which stated that orders for Hoover and Johns would be cancelled, FRU has requested authority to withhold Johns' detachment until word has been received as to whether or not the orders would be cancelled. Meanwhile, Radio Electrician Lawson reported this date and Ensign Whitlock was detached this date. Since no reference was made to air transportation in Whitlock's orders, he will doubtless be returned by surface transportation, and since he has a months leave authorized, he will probably not arrive in Negat until January 1944. Have suggested to Commander Seventh Fleet that it is believed Whitlock should be granted air transportation, but will not know the outcome since he will depart Melbourne before any decision can possibly be reached.

2. Orders for Radio Electrician Walters have caused considerable consternation for several reasons; the first of which being that when it appeared that Baker would lose the three leading analysts, Walters was placed in GT, and after a period of two months has almost become qualified as an analyst. Since no indication has ever been received from Washington that Walters might be transferred, it is believed that BuPers handled this case in the same manner as general service radio electricians. His ultimate destination will be the Radio Material School as prescribed by his orders unless OP-20-G will request modification of his orders in order that he might be employed in the RI organization. Meanwhile, Commander Seventh Fleet has been requested by letter to request cancellation of his orders in view of the fact that Walters especially desires to remain on duty with this unit.

A2-11(15)
Serial 222

~~SECRET~~

COMMANDER U.S. SEVENTH FLEET
(Fleet Radio Unit)

RJF/mdj

~~SECRET~~

Subject: News Memorandum for period ending October 15, 1943

3. _____, is believed to be in Brisbane and will probably visit FRU in the very near future.

4. Information is requested as to the personal letter referred to in Hypo's News Memorandum dated 21 September 1943, paragraph 1, in which it was indicated that Hypo has requested a RIP-5 from Op-20-G for use by Commander Seventh Fleet. It is believed that since this unit is attached to Commander Seventh Fleet, such matters might more reasonably be handled through this unit.

B - Maintenance and security.

5. Fleet Radio Unit, Seventh Fleet, now has a Navy sentry detail, the Marine detail having been relieved on September 27, 1943.

6. ^{1200 P. Plan approved} The building situation has taken a peculiar turn since Baker's News Memorandum of September 15, 1943. Several conferences have been held since that date, the net result of which has been that instead of a temporary wooden building being constructed to serve the needs of this unit, a brick structure building, in accordance with the specifications for the proposed nurses home, will be started. The contract plan is to be carried out to three stories in order to serve the needs of this unit as such, plus providing barracks for the WRANS attached to this unit. Priority A2 has been granted this project and the official estimate made by the Director of Works indicates that it will not be ready for occupancy for at least six months, very probably longer. Such a change in plans will necessitate the erection of a temporary addition to the present machine room to provide for the IBM equipment that has been ordered.

C - Correspondence

7. No remarks.

D - Communications

8. CHALL, B.R., EMlc, has returned from the Teleprinter Maintenance School, Brisbane, and Radio Electrician Hadley has been sent to Brisbane on temporary duty to attend the class currently convening.

9. Equipment in the teleprinter room has been completely converted to exclusive use of teletype in order that the unit repairmen may perform all the routine up-keep and repairs on machines on which they have received training.

A2-11(15)
Serial 222
~~SECRET~~

COMMANDER U.S. SEVENTH FLEET/MDJ
(Fleet Radio Unit)

18 Oct 1943

~~SECRET~~

Subject: News Memorandum for period ending October 15, 1943

E - Equipment

10. Moorabbin Intercept Station has this date been ordered to transfer to Adelaide River six high frequency receivers and four RIF-5s to provide enough equipment for the increase in complement at that station.

11. One ultra high frequency receiver has been loaned the DSC for research in

12. The DT Direction Finder to be erected at Exmouth Gulf for the exclusive control by CinCEF has arrived in Freemantle and the Radioman-in-Charge, USNHFD Exmouth Gulf, has been instructed to assist the British DF crew in selection of site and installation of the set.

F - Personnel

13. Jackson, C.H. Jr., CRM (PA), USNR, has been ordered to Exmouth Gulf to assume charge of the DF station vice Jarrett, C.F., CRM (AA), USNR, who will be returned to Moorabbin.

14. Two radiomen have been received at Moorabbin for temporary duty from Radio and Radar Counter Measure Unit Brisbane. Request was made for the assignment of these men to duty with FRU to Commander Seventh Fleet at the suggestion of Lieutenant Commander Jolly, the Officer in Charge of that unit, because that unit had been absorbed by the Southwest Pacific Area Radio and Radar Counter Measure Unit and these two radiomen in question were not being employed on circuits. Lieutenant Commander Jolly had heard unofficially that he was soon to receive orders from U.S. Army to transfer the two radiomen in question to an Australian Intercept Unit attached to Central Bureau, for use as intercept operators, such use having no connection with their intended purpose in this area. Request was made with the understanding that if and when the time came when these two men were required for their intended use, they would be returned to Commander Seventh Fleet.

II - OPERATION AND PLANNING

A-20 G-1 Items

15. Baker has completed photographing all despatches, pertinent office files, etc., up to 1 October. All the above were placed in OM mail this date. A despatch will be originated indicating the shipping numbers of this material plus the photographs of the captured ball list in order that Negat might provide special handling.

028

A2-11 (15)
Serial 222

COMMANDER U.S. SEVENTH FLEET
(Fleet Radio Unit)

18 October 1943

~~SECRET~~

SUBJECT: News Memorandum for period ending October 15, 1943.

16. Baker is proceeding with the translation of the captured call list, but other units must realize that in view of the current translating load the completion of this translation and the ability to furnish specific requests for identifications of various calls will not be as fast as Baker would like it. Consequently some requests might remain unanswered for several days.

B - Research

17. No remarks.

C - Intercept and D/F

18. Commander Seventh Fleet has found it necessary to again remind ACNB of the urgency of the proposed expansion of the Adelaide River Station. To date there has been no action other than many indications of office handling and delay; meanwhile, the rainy season is about to set-in in that area and all construction should be finished prior to the setting in of bad weather.

19. Radio Electrician Burnett has been ordered to temporary additional duty with Commander Seventh Fleet for liaison with Service Force representatives in connection with the setting-up of an intercept station at Townsville.

D - Analysis

20. Ensign White reported for duty on 8 October and with the assistance of two AerMs is doing his best with reading of current weather. The DSC has under consideration a request to furnish WRANS to that section for recovery purposes.

E - Translations

21. No remarks.

F - Intelligence

22. No remarks.

G - IBM Items

23. No remarks.

A2-11(15)
Serial 1222

COMMANDER U.S. SEVENTH FLEET
(Fleet Radio Unit)

RJF/mdj

~~SECRET~~

Subject: News Memorandum for period ending October 15, 1943.

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24. The originator hereby certifies that it is impracticable to phrase this document in a manner which will permit a classification other than SECRET. Due to the urgency of this document, its transmission by registered air mail to the addressee is authorized.

/s/ S. S. CARLSON.

cc: Station "H".

B Weekly News
memos
5750

A2-11(12)

COMMANDER U. S. SEVENTH FLEET
(FLEET RADIO UNIT)

Serial 302

20 Nov 1943

~~SECRET~~

M E M O R A N D U M

From: The Officer in Charge.
To: The Assistant Director for Communication Intelligence.
Subject: News Memorandum for period ending 15 November, 1943. ✓

I - ADMINISTRATION

A - G Items

1. Commander E.S.L. Goodwin reported to Fleet Radio Unit on 11 November, 1943, and assumed duties as Officer in Charge.
2. Original orders for Radio Electrician C. Johns were cancelled on 21 October, 1943. A memorandum from Commander Seventh Fleet Intelligence Officer dated 2 November, 1943, indicates that another set of orders has been issued for this officer and Commander Seventh Fleet had indicated that the orders will not be executed until the Radio Unit is satisfied that the new traffic analysts are sufficiently well trained to justify John's release. It is estimated that the Radio Unit will be able to spare Radio Electrician Johns on or about 1 December, 1943.
3. No further action has been taken in the case of Radio Electrician C. A. Walters; his orders remain in effect. Commander Seventh Fleet has requested cancellation but to date there has been no indication of any action's having been taken in Washington. Meanwhile we have requested advice from Commander Seventh Fleet as to whether Walters should be detached or whether he should continue duty pending receipt of a reply to Commander Seventh Fleet's request for cancellation.
4. , arrived in Melbourne on 27 October 1943, and was given an unrestricted tour of all USN facilities; furthermore, he was given free access to any room occupied by USN personnel at any time he desired during his stay. Numerous conferences were held between and the Deputy Officer in Charge and it is believed that he has obtained considerable information about FRUMEL on which he had previously been rather misled. He departed Melbourne on 10 November, 1943.
5. Commander S.A. Carlson, USN, was detached on 8 November, 1943, and departed Brisbane by air on 9 November, 1943.
6. Commander Newman has been hospitalized at Flinders Naval

Depot for the past three weeks and it is indicated that he will very likely not return to duty for at least two more weeks.

7. As directed by the Vice Chief of Naval Operations despatch 160430 of October, 1943, a letter, signed by Commander Carlson, was addressed to the Commander Seventh Fleet indicating the desirability of extending an invitation to Commander Newman through Australian official channels to visit Station Hypo. Commander Seventh Fleet, by letter dated 26 October, 1943, requested the original communication indicating that such proceedings were desirable. Such copy was furnished Commander Seventh Fleet on 30 October, 1943, and to date there has been no further word as to what action has been taken. It is obvious to the Officer in Charge that no further action will be taken and it is suggested that the only way in which to promote the desired invitation would be for the Vice CFF to handle the matter directly with the Commander, Seventh Fleet, via normal channels of administration.

8. Lieutenant C.J.K. Hinman, USNR, and Lt. (jg) J.J. Hitchcock, USNR, reported on 17 October 1943. Lieutenant Commander F.R. Biard, USN, reported on 5 November 1943.

9. The information desired by GX (his memorandum of 25 Sept) is being assembled and will be forwarded at worst via next news letter. In that connection GX is requested to send a small supply, say a dozen, of the Pacific Ocean charts which he uses for organizational and communication graphs. The graphs desired by Commander Huckins, at Hypo, are also under preparation.

B - Maintenance and security

10. The building situation remains in the same state as reported in our News Memorandum of 18 October 1943, but a fire was lighted it on 16 November, of which more separately.

C - Correspondence

11. Attached hereto are envelopes indicating gross misuse of the address of this unit.

12. Hypo's news letter of 15 August 1943, was found tucked in the inside cover of a thick IBM code print.

D - Communications

13. No remarks.

E - Equipment

14. Since Baker's allowance of high frequency receivers has not been filled and since transportation from USA is so indefinite Baker has

taken steps to borrow six high frequency receivers from Commander Seventh Fleet for use at Cooktown when that station is commissioned.

15. The DT direction finder arrived on 4 November 1943, in very poor condition because of careless packing. Repairs have been effected locally and the set has been erected at Moorabbin for training purposes. It is estimated that this set, plus a trained crew, will be sent to Cooktown about mid-December, and Commander Seventh Fleet will be requested that, if and when the Western New Britain situation so permits, the set and crew be transferred to whatever site he may recommend for operations.

16. Negat is hereby requested to have the DY direction finder mentioned in Op-20-G serial 0899320 overhauled and shipped to Baker for future use.

F - Personnel

17. The personnel slate received from Negat dated 23 Sept., 1943, indicated that Lieutenant (jg) NEFF would be ordered to Baker for communications duties as a relief for Chief Yeoman PRICE. OpNav's despatch 221855 of October 1943, indicated that Lieutenant (jg) NEFF has been ordered to Hypo for duty. Information is requested as to what officer or man may now be expected to relieve PRICE.

18. Negat's attention is invited to those cases in which men are recommended for advancement in rating by Negat and subsequently transferred prior to the receipt of the rate for which recommended. Since the station to which such men are ordered is not ordinarily furnished with anything to indicate that recommendation for advancement has been made, additional correspondence must be resorted to and the personnel in question are very likely to be penalized by having to wait for a rate which probably has long since been made official. One specific instance is the case of PFLAUM, L.L., Sp1c., whose advancement to that rate was authorized seven months before he actually received the rate, thereby causing him to be penalized an increase in pay for that period of time.

19. On 5 November, 1943, Commander Seventh Fleet ordered Baker to return to Brisbane the two men mentioned in Baker's News Memorandum dated 19 October 1943.

20. In reply to paragraph 25 of Negat's News Letter of 22 October 1943, the situation with regard to IBM personnel is presented.

With the number of machines on hand and on order for this station and considering the new work planned for this section the following personnel is believed necessary:

SECTION HEAD

1 (officer) Duties - Procedure and general administration.

ASSISTANT 1 (officer) Duties - Development and experimental.
CHIEF SUPERVISOR 1 (CPO) Duties - In charge of production and administrative assistant to Section Head.

MACHINE OPERATORS
Day Men 4 (1-M4 and 3-M3s or M2s) Duties - General operating and reliefs for days off, illness, etc
Watches 15 (3 watches of 5 each, including one M4).

PUNCH OPERATORS
Punch Watch Supervisor 1 (M3) Duties - Supervise and coordinate punch watches.

Punch Operators (USN) 6 (M2 and M3s) Duties - these are needed as backbone of punch watch and to fill in WRANS deficiencies which now appear to be imminent.

Punch Operators (WRANS) 20 At the present time 8 WRANS are being used on 4-section watch. The additional punch operators have been requested from ACNB, but may not all be provided because of a cessation of WRANS enlistments.

MAINTENANCE MEN 6 (1-B4 and 5-B3s) It is felt that there should be at least 4 qualified men at this station for proper maintenance. The desirable condition would be to have 6, 2 for each watch. At the present time our one man is on day duty and is on call for off-hour troubles.

SUMMARY (exclusive of WRANS punch operators)

	Officers	M5	M4	M3/2	M1	B3/4	Total
Needed	2	1	4	22	0	6	35
Now attached	1	0	*2	*11	1	1	16

*One M2 has requested to return to US, and one M4 is due for return.

Men needed and requested herewith: 1 Officer, 1-M5, 3-M4s, 12-M3/2s and 5-B3/4s.

It may be that the officer required can be provided from among officers now available, but, in this case, a replacement will be required in the selected officer's old section -- probably a GY or a GI specialist.

21. As a result of a request initiated by Baker to Commander Seventh Fleet the services of MULLER, J., Ylc, have become available to this unit as a communication yeoman. Currently MULLER is being carried on the rolls of Commander Seventh Fleet.

II - OPERATIONS AND PLANNING

A - 20 G-1 Items

22. As requested by Negat's 090425 of November, Baker is now making an effort to number serially each intercept photographed. In spite of constant effort to supervise the WRANS who are assigned to this duty, it is suspected that errors may creep into the system. Baker previews each roll of film prior to shipment and will make every effort to correct errors prior to shipping each reel. A hand-operated consecutive punch must be used and those available at this unit are not rugged. If Negat would procure a rugged consecutive numbering device which operates automatically on contact or by means of a photo-electric cell, it is believed that the situation would be somewhat alleviated. There is no device of this character available in Australia and to have one manufactured locally would involve excessive cost.

23. In connection with Baker intercept photos, since Baker will not establish and maintain a file by serial numbers, it will be necessary for other stations desiring repeats to indicate originator and identifying data.

B - Research

24. No remarks.

C - Intercept and D/F

25. It has been found necessary again to request assistance of Commander Seventh Fleet in regard to expediting the extension to Adelaide River facilities. This officer was recently requested to take steps to have this extension constructed by Navy Construction Battalion personnel thus taking the matter completely out of the hands of the Australian Commonwealth Naval Board.

26. Radio Electrician Burnett reports satisfactory progress on the establishment of the Cooktown intercept station but, because of the necessity of installing a six mile teletype line and, since the power plant earmarked for that station has not yet arrived, no definite estimate can be furnished as to the prospective date of commissioning.

D - Analysis

27. No remarks.

E - Translations

28. No remarks.

F - Intelligence

29. No remarks.

G - IBM Items

30. No remarks.

31. It is essential that this memorandum be delivered to the addressee with the least possible delay. Therefore, its transmission by registered mail within the continental limits of the United States is authorized.

/s/ E.S.L. GOODWIN
Commander, US Navy

cc: OinC Sta "H".

U. S. SEVENTH FLEET
(FLEET RADIO UNIT)

A2-11(15)

Serial 342

MEMORANDUM

17 December 1943

~~SECRET~~

From: The Officer in Charge.
To: The Assistant Director for Communication Intelligence.
Subject: News Memorandum for month ending 15 December 1943. ✓

I - ADMINISTRATION

(A) 20-G Items

1. The D.S.C., Commander Newman, left the hospital on 6 December and has nominally been on convalescent leave since that date, but comes in daily and works, contrary to doctor's orders. His leave is for two months but if, at the end of one month, the doctor's find him sufficiently fit, the remainder of the sentence will be remitted. There is still no action on the FRUPAC visit project.
2. Geographical diagrams showing all of FRUMEL's communication intelligence facilities, existing and projected, and will all means of inter-communication for all purposes shown are in an advanced stage of preparation and will positively be forwarded prior to the next news letter.
3. Rear Admiral J.C. JONES, Deputy Commander, Seventh Fleet, his relief, Rear Admiral C.E. VAN HOOK, and the latter's aide, Lieutenant R.L. WILSON, visited FRUMEL on 19 November. Rear Admiral VAN HOOK and Lieut. WILSON were shown through the unit by the OinC.
4. On 17 November Captain A.H. McCOLLUM, Seventh Fleet Intelligence Officer, visited the unit and was shown through by the OinC.
5. It is intended that when Lieut. (jg) STRYDER arrives he will be given the job of research for historical purposes into What CI Has Meant to the Submarines in SOWESPAC. This will involve, at a later stage, his doing duty, temporarily, at the headquarters of each of the submarine commanders (CTF-71 in Perth, and CTF-72 in Brisbane). ComSeventh has not as yet been approached on this subject, but it has been mentioned informally to a representative of CTF-71. This is in pursuance of the scheme mentioned by Lt. CONNORTON to the OinC.

(B) Maintenance and Security

6. The original project of erecting a temporary wooden building for FRUMEL was stymied by the fact that it appeared desirable, from the long-range Australian point of view, to erect a permanent building instead. The site originally chosen belongs to Prince Henry's Hospital. The hospital authorities intend to erect thereon a nurses' quarters, but this cannot be done in the normal course of events until after the war. Why not start a

permanent construction of the nurses' quarters (at A.C.N.B. expense) and let FROMEL occupy for duration? Excellent plan, except probably long delay, disagreement locally as to relative difficulty of obtaining different kinds of construction materials, conflicting estimates of cost, conflicting ideas as to plans (the hospital had no drawings of their building ready), etc. When the present OinC first viewed the situation it had reached a hopeless deadlock and was permanently stationary. A minute was sent to the A.C.N.B. (D.S.C.) requesting return to the original temporary building plan and stating that no more than four months' further delay could be accepted. Almost simultaneously, Prince Henry's Hospital clarified the situation by washing their hands of the entire matter. This paved the way for the return to the temporary building plan. Unfortunately, as was discovered later, it also deprived us of our site (unless the Director for Hirings will take it for us, as he is empowered, and has been asked, to do). The Commander, Seventh Fleet, was apprised of the situation. On 13 December the Seventh Fleet Public Works Officer, Captain Angas (CEC), came down from Brisbane, interviewed the OinC, was brought to date in the matter (including the fact that even the IBM lean-to addition at our present quarters, although approved, was not yet underway) and was last seen proceeding toward the Public Works office at the A.C.N.B. with flint and steel at the ready.

7. With regard to paragraph 5 of Negat's bulletin for month ending 15 October, it is not considered a safe policy to release CI personnel to General Service. This spreads our information over a bit too much geography and endangers it through exposing persons having it to capture. It is believed that there is always a niche in which the most discouraging pair of pants can be mounted. Reconsideration of Washington's policy is urged, but at the same time, Washington is requested to note that Baker's opinion in the matter should not be considered as committing Baker to being the organization's dumping ground for such characters. We shall endeavor to take care of our own.

(C) Correspondence

8. Nothing.

(D) Communications

9. The Post-Master General's Department has agreed to install and operate the TBC at that department's W/T station at Shepparton, Victoria. The Commander, Service Force, Seventh Fleet, has been requested to forward all related shipments to Shepparton, and has been informed of all shipment notices thus far received.

10. Chief Radioman HESS (general service, ordered for RI circuit duties) reported exactly in time to accompany the Boehme recorder to Flinders Naval Depot (where Imperial fox is received (38-22 south 145-12 east) and to commence instruction of the WRANS telegraphers there in its use. He reported that those WRANS who could read dot-dash could not touch-type and had never read tape, and that the writers, who touch-type, cannot read dot-dash. He started instruction and, in about two weeks, had some of the girls able to read tape at about 22 WPM. Training is continuing. Meanwhile there is the problem of reception. NPZ comes in best from

0600 to 1200Z on 9455 and from 2200 to 0200Z on 16515. A B.B.C. station interferes on 9455 from 1300 to 1600Z. Occasional atmospherics causing heavy static bursts occur from 2100 to 2300Z on 16515 and from 0300 to 0800Z on 9455. With words-twice transmission, this does not interfere with solid copy during the two good periods noted above, but diversity reception will be necessary for good recording on anything like a twenty-four hour basis. A dual-diversity is understood to be enroute now. Flinders is erecting one rhombic for us now, and will erect another to accommodate the diversity job. Also needed are a 6 meg and a 12 meg channel. In any case, transmission speed should not be increased until diversity is installed here. FRUMEL will notify OP-20-G when it is able to step up the pace, either in speed of transmission or in elimination of manual duplication. Imperial's dots have been consistently light - but have improved a bit in the last three days.

11. The D.S.C., taking what is perhaps a realistic view of the building situation, has recommended that we look for space in this building in which to put a recorder and other facilities for high-speed reception, while he agitates a tone-channel from Flinders. (See paragraph (11) in news letter of 15 September).

12. It has been suggested that when DT D/F is installed in Western New Britain, and when it has its own TDH for flash response, it could respond to NIT via Guadalcanal instead of through Brisbane and FRUPAC's reaction is requested. (All bearings could, of course, be transmitted south for our use in addition).

(E) Equipment

13. So far notice of shipment of any of the trans-Pacific RI circuit equipment has not been received except in the case of one diversity and some TBC spares.

14. The two 15 KVA diesel generators (or one of them - no definite word either way) have (has) arrived in Sydney. Cooktown will get one and Adelaide River the other.

15. The following equipment and supplies have been received:

<u>Item</u>	<u>Quantity</u>	<u>From</u>	<u>DATE</u>
Receivers -RBG-2, with speakers and spares; BuShips - NXss-20831, B/L N-2412276. (Fifth receiver of this shipment not received).	4	BuShips	12/12/43
Parts - IBM, requested in FRUMEL despatch to NEGAT 070902 Oct. 1943.			
Sorter worm shaft bearings	3		
Worm shaft bearings hinge - rt hand	1		
Worm shaft bearing hinge - lft hand	1		
Collator brushes - set	2		
Feed worm shaft bushing	1		
		Negat	12/11/43

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<u>Item</u>	<u>Quantity</u>	<u>From</u>	<u>DATE</u>
Formaligner - B/L 2548214. (This item shipped without knife edge, making it useless until this part procured or manufactured locally).	1	Negat	12/12/43
Time Stamp Desk stand - B/L 2548215	18,000	Negat	12/12/43
Time Stamps, Stromberg, for tape*	2	Negat	12/12/43
Film, Recordak 16MM - B/L 7253-44	250 rls	FruPac	11/26/43
Take off reels, metal - same shipment	100		
Take off reels, fibre - same shipment	100		

*Being converted for local use.

16. A shipment report on 5000 feet of 35 mm film has been received. 20,000 feet are, presumably, enroute (from previous shipment reports. The 14,000 feet now on hand constitute, roughly, five years' supply at present consumption rate. It is requested that no more 35 mm film be shipped and that all now on order be diverted, if practicable, to some activity which can use it.

(F) Morale and Training.

17. The estimate of 1 December as a likely date for Radio Electrician JOENS' release was optimistic. It appears now that we should be able to spare him at the end of the month.

18. The cancellation of Radio Electrician WALTERS' orders was received by Commander Seventh, but was not forwarded to FRUMEL until we had asked Op-20-G to investigate, received a reply identifying the BUPERS despatch involved, and asked Commander Seventh for that despatch.

19. The following personnel have reported and have been assigned to duty as indicated:

<u>NAME</u>	<u>DATE</u>	<u>DUTY</u>
<u>OFFICERS</u>		
Lieut. Comdr. J. R. BROMLEY, USN	11/15/43	Translators.
Lieut. Comdr. L.R. SCHULZ, USN	11/23/43	GI watch.
Lieut. A.B. SHEPPERSON, USNR	12/6-43	Minors
Lieut. J.R. WOLF, USNR	12/6/43	Code Room.
Lieut. J.N. FORSYTH, USNR	12/6/43	Code Room (training).

<u>NAME</u>	<u>DATE</u>	<u>DUTY</u>
Lieut.(jg) J.C. FLAGG, JR., USNR	12-6-43	Code Room (training)
Ensign H. WEISS, USNR	12-6-43	Code Room (training)
Ensign B.R. MCCARTHY, USNR	11-18-43	Code Room (training)
Ensign A.S. PRISH, USNR	12-1-43	Key recovery.
Ch.Rad.Elect. R.S.KATZENBERGER, USN	12-6-43	Moorabbin Intercept Sta. as Assistant OinC
Ch.Rad.Elect. G.W. BUCKING, USN	12-6-43	GT (frequencies)(releasing Ens.HOOVER for research exclusively).

ENLISTED MEN

HESS, F.W., CRM(PA), USN	11-23-43	Blinders NavDepot - installation and training for high speed on Imperial Beach fox.
BUNTENBACH, H.W., RM3c, USNR	12-9-43	Moorabbin (training).
FRETZ, J. D., Ylc, USNR	12-9-43	Moorabbin (training).
GALLOWAY, W.J., RM3c, USNR	12-9-43	Moorabbin (training).
GRAFING, J.R., RM3c, USNR	12-9-43	Moorabbin (training).
HAZELWOOD, C.V., RM3c, USNR	12-9-43	Moorabbin (training).
HENRY, F.W., Ylc, USNR	12-9-43	GT
NEELS, W. "B", Jr., RM3c, USNR	12-9-43	Moorabbin (training).

20. The following personnel have been transferred from FRUMEL:

<u>NAME</u>	<u>DATE</u>	<u>DUTY</u>
JOHNSON, L.C., CY(PA), USN	12-9-43	NavBks, Wash., D.C.

21. Ship's Clerk SCHLORFF has been put in charge of the office and is now GB.

22. All of Lt. (jg) DEFFERT's friends at FRUMEL were delighted to note his promotion, and extend hearty congratulations.

23. In view of the current progress being made by Ensign White's weather section, FRUMEL has asked ComSeventh for three aerographer's mates so that the weather section can be put on a continuous watch basis. OP-20-G's permission will be asked before these men (if made available) are inducted into the organization.

24. When Commander Goodwin reached San Francisco, he found that air transportation was almost at a standstill, temporarily, and it was therefore obvious that he would have to ride a surface vessel. The working hands in the transportation office told him that their orders were that personnel ordered to the far side of the Pacific were to be embarked only in vessels proceeding directly to this continent (which are infrequent) and were not to be embarked in vessels bound only for way points, such as Pearl Harbor (which are very frequent). Commander Goodwin, however, by interviewing the Assistant Port Director and explaining that he was expected, semi-officially, to spend some time in Pearl Harbor, received

permission to embark for that point in a U.S. Navy vessel. He was delayed only 2 days in San Francisco and found, upon reaching Pearl Harbor, that he could leave that point by air practically any time desired. All hands know of the recent intolerable delays to which our people have been subjected in transit - always in San Francisco. Could not a provision be put into orders for our officers and men (at least the key members) that they be sent via FRUPAC, thereby insuring their prompt departure from the coast? The comparatively minor delay of 5 days or so in FRUPAC (temporary duty under instruction) which could be used as a subterfuge to warrant this provision in the orders, would be entirely acceptable to Baker, especially since the experience they could incidentally gain in FRUPAC would be invaluable to this unit. The obvious objection which will occur at once to the cynical is dismissed by the OinC as being not worthy of a second thought.

II - OPERATION AND PLANNING

(A) Op-20-G-1 Items

25. The serial numbering of intercepts is working better than had been anticipated (see paragraph (22) of FRUMEL news letter of 15 November). It is hoped that FRUPAC and Op-20-G have not found too much wrong with our film rolls since the present system was instituted. Every effort is made to insure that bad copy is rerun through the Recordak.

(B) Research

26. Nothing.

(C) Intercept and D/F

27. The extension of Adelaide River facilities, including the erection of the DAB, has been commenced by the Sea Bees and is progressing well.

28. The Cooktown project has moved very slowly, but it is believed that it will be possible to order some of the personnel to that station during the next thirty days.

29. The New Britain DT D/F and crew, with all equipment, are ready to proceed and are standing by at Moorabbin. ComSeventh has been so informed.

30. The following teletype communications were recently exchanged between Melbourne and Adelaide River:

(AR TO MEL)

NUMBER 34. PLANE CARRYING OUR TRAFFIC FOR FOURTEENTH AN NUMBERS 458 To 462 INCLUSIVE IN REGISTERED NUMBERS 868, 869 AND 870 MISSING. WILL ADVISE ANY FURTHER INFORMATION RECEIVED.

(AN TO MEL)

NUMBER 35. MISSING PLANE WITH OUR TRAFFIC FOR 14th WAS US ARMY C-47. LAST REPORTED OUT OF CLONCURRY 16th. DILLARD, KEEFER, AND SMITHERS SLATED TO RIDE SAME BUT WERE JOHNPAULJONES.

(MEL TO AR)

MEMO TO KEG OF AN

AFTER FUZZLING FOR TWO DAYS OVER THE JOHN PAUL JONES BUSINESS WE ARE ASHAMED TO HAVE TO ADMIT DEFEAT. PLEASE DRAW PICTURES.

(AR TO MEL)

NUMBER 37. YOUR 209.

SINCERE APOLOGIES. SAID THE SKIPPER OF THE SERAPIS, "HAVE YOU STRUCK YOUR FLAG?" REPLIED JPJ "I'VE NOT YET BEGUN TO FIGHT". CRIED THE MARINE IN THE FORETOP "THERE'S ALWAYS SOME BLANK BLANK WHO DOESN'T GET THE DOPE". THE ARMY FAILED TO INFORM US THAT SPACE WAS AVAILABLE. KEG.

The traffic was recovered intact.

31. The coverage graphs requested by Commander HUCKINS are in process of being photographed at Moorabbin and will be forwarded to Washington and Honolulu.

(D) Analysis.

32. Nothing.

(E) Translation.

33. The following was found among the scribblings on the desk of

THE SONG OF TE KE RO.

It's HARE now at MUTUPINA
(UNRYOO one, FUUSOKU nil,)
All around the birds are singing
KAIJOO's calm and no one's ill,
Soon DAIHATSU comes from BUIN
Bringing letters, GEISHA, beer,
What a peaceful time we're having!
How we love our KINMU here!
It's AME now at MUTUPINA
(UNRYOO 10, FUUSOKU 8,)
Out at sea has just been seen a
TEKI KANTAI belching hate,
All around the battle rages
Rain has soaked us through and through
Life is one long TENKOO TSUHHOO
BAKUGEKI, KOOSENCHUU.

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(F) Intelligence.

34. Nothing.

(S) RBM

35. Nothing.

36. It is essential that this memorandum be delivered to the addressee with the least possible delay. Therefore its transmission by registered mail within the continental limits of the United States is authorized.

/s/ E.S.L. GOODWIN
Commander, U.S. Navy.

cc: Cinc Sta "H".

C O P Y

A2-11(15)

Serial 08

~~SECRET~~

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

for C O P Y **GX**
Original passed on
ESLG md:j
B W kly News
meuse

5750

23 January 1944

From: : The Officer in Charge.
To: : The Assistant Director for Communication Intelligence.
Subj: New Memorandum for month ending 15 January, 1944. ✓

I - ADMINISTRATION

(A) 20-G Items.

1. Commander Fabian has left for Colombo. The leader of FRUMEL through the most trying part of its history, he goes with the best wishes of all hands, and to the regret of the Officer in Charge.
2. The D.S.C., Commander Newman, after one month's convalescence, has been pronounced in reasonable good condition and is now permitted by the M.D.'s to come to the office once or twice a week for a few minutes each visit. Accordingly, he is now putting in full time.
3. The FRUMEL organization and communication charts were finally completed and sent to FRUPAC and Washington late last month. Change No. 1 has already been transmitted. Change No. 2 will be forthcoming shortly. Negat is urged to keep these changes entered to date in order that there will always be available in Washington an accurate general picture of what is available here.
4. FRUMEL notes with horror the reference made by FRUPAC in that activity's weekly news letter for the week ending 19 December, 1943, to a proposal from ComSoPac for the establishment of an additional RI organization. This is the first we have heard of the matter and no copies of the proposal are available here. May we have one?

(B) Maintenance and Security.

5. The building situation appears to be on the move once more. A site has been selected in the compound of a new project in Albert Park which will accommodate various government departments, principally Navy, Army, and RAAF. FRUMEL will have its own two-story wooden building (242 feet long by 42 feet wide) within a special security fence, well separated from other buildings. A guard-house, garage and driveway are to be provided. The site, orientation and outline of the building have been approved, and plans for bulk-heading and other internal arrangements will be given to the ACNE within a week.

045

A2-11(15)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESLG/mdj

Serial 08

~~SECRET~~

23 January 1944

Subj: News Memorandum for month ending 15 January, 1944.

6. Construction of the lean-to addition to the IEM shack has actually commenced, the framework being nearly completed.

(C) Correspondence.

7. Envelopes are still being received from BUSHIPS and related activities addressed to "Radio Intelligence D/F and ...". It has been discovered that this is the meaning assigned to "(6" in the list of code numbers for designation of consignees. Little wonder that the above title is being bandied about by every supply activity in the Navy! Another related point is the matter of the ordering of personnel to the units "for communication intelligence duties". EUPERS cannot be blamed for using this phrase when we, ourselves, ask them to do so! The phrase is unavoidable getting into the service records of many men, with the result that their mental attitude toward security and toward their CI oath, particularly the first phrase of the second paragraph, is bound to deteriorate.

(D) Communications.

8. The Postmaster General has agreed to accommodate our RI circuit transmitters and receivers for the Honolulu, Moresby and Noumea legs. Transmitters will be installed at Sydenham and receivers at Werribee. (Receiving equipment for one of these legs may be accommodated at Flinders Naval Depot instead).

9. In view of Commander Seventh Fleet's need for general service radiomen for the Moresby circuit, three of our ablest Chiefs (Bryan, Evans and Sweet) have been removed from intercept work and are being refresher-trained in U.S.N. communications. The change will be good for their souls, but the intercept service will suffer until their return to it. It is intended that Lieutenant (jg) Jefferson, one of our most experienced coding officers, will accompany the COMB-reading group when they go north. Any further reduction of our code-room force would render it unable to continue functioning level with the load. Lieutenant Wolf and the four officers sent from Bainbridge are progressing well in their keyboard training. The five of them have spent many hours conscientiously practicing touch-typing on ordinary typewriter key boards, and are now beginning to be useful on the E.C.M.

A2-11(15)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESLG/mdj

Serial 08

23 January 1944

~~SECRET~~

Subj: News Memorandum for month ending 15 January, 1944.

(E) Equipment.

10. The following equipment and supplies have been received:

<u>Item</u>	<u>Quantity</u>	<u>From</u>	<u>Date</u>
Boehme Tape Puller, Type 4P - complete with rewind reel attachment, type 4Pa	1	RMO, SerFor, 7th Flt	1-7-44
Relay, Radio, for TBC	1	RMO, Brisbane	1-7-44
M15 Teletype, without table or rectifier.	1	RMO, SerFor 7th Flt	12-22-43
Soundscriber rolls	8000		1-11-44
Vacuum tubes for TBC		BuShips	12-29-43
Type 860	3		
Type 866	4		
Type 837	8		
Type CC38897	1		
Type 872	8		
Gaskets, item 700-B, Req. 80982 for TBC	1,	BuShips	12-29-43

11. The Stromberg time stamps received last month are being fitted by Rdo. Elect. Hadley with a Rube Goldberg system of levers and contacts which will be triggered by the thrust of a piece of thin paper. There still remains the problem imposed by the fact that sixty-cycle clocks on fifty-cycle current lose ten seconds every minute. We shall endeavor to convert the clocks - meanwhile, since the comparative element in the use of the stamps is paramount over the matter of absolute chronology, we shall use the stamps as they are, and reset them simultaneously once or twice a day, as suggested by Op-20-GQ in September.

(F) Morale and Training

12. The following personnel have reported (to 15 January) and have been assigned to duty as indicated:

047

A2-11(15)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESLG/mdj

Serial 08

S E C R E T

23 January 1944

Subj: News Memorandum for month ending 15 January 1944.

NAME

DATE

DUTY

OFFICERS

Lieut. Comdr. H.V. Chisolm, USNR 12-16-43 Minor systems

ENLISTED MEN

KOOGLE, P.H., YLC, V-6, USNR 12-23-43 IBM section

13. No personnel were transferred from FRUMEL during the period ending 15 January.

14. The matter of Radio Electrician Johns' orders has achieved a state of unparalleled muddlement in which the only parties innocent of all fault are those who had nothing to do with it (namely NEGAT and FRUPAC). Apparently Radio Electrician Johns was originally issued to sets of orders twelve days apart. The first (dated 10 September) ordered him to Negat, the second (dated 22 September) to Radio Materiel School. Only the second set were seen by FRUMEL, so that, when BuPers ordered both sets returned for cancellation, FRUMEL returned the only set on hand, and considered BuPers' mention of the "orders of ten and twenty two September" to be some sort of garble - it being inconceivable that there could be two sets. Com7th was, apparently, holding the first set. What he has done with them, we do not know. (He received BuPers' orders to return them - in fact, he relayed those orders to us). At any rate, a few days after the second set of orders had been returned to BuPers, and the matter shelved as finished business, the Fleet Intelligence Officer informed the Officer in Charge that everything was set in case of Radio Electrician Johns, that his orders were on hand, and that they would not be endorsed until the Officer in Charge said "go". These are the orders about which we have been prating in recent news-letters. We finally asked for a copy of them, and received a copy of those of 10 September. They looked all right, since they ordered Radio Electrician Johns to Negat, which was proper. It was not until we asked Com7th to endorse these orders that we discovered the truth, and linked them with the BuPers despatch. Commander Dennis's erstwhile confusion was as nothing to ours. We have now asked Com7th to endorse and forward the orders cited by the Fleet Intelligence Officer. We strongly suspect that there

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Subj: News Memorandum for month ending 15 January 1944.

aren't any (the F.I.O. having mistaken the cancelled ones for the month for a new set). If we are correct, we shall ask Negat to negotiate a new set - by despatch. Radio Electrician Johns is overdue to return home and we can spare him now. While we recognize that we are not lily-white in l'affaire Johns, we do believe that it is the handling of official business (other than general elucidation and discussion) by unofficial and semi-official correspondence which is principally at fault.

15. Washington's report of aerographer's mates enroute for Ensign White's weather section came shortly after we had requested three of this rating from Com7th. We have cancelled our request.

16. One of FRUMEL's ratings recently wrote a personal letter in which he mentioned being in the "Communication Intelligence" organization. It was caught by the censor, and the man was appropriately disciplined. He stated, at mast, that he did not remember the provisions of his oath, and did not remember having signed an oath. It is suggested that all units would do well to bring the provisions of the oath to the attention of all hands periodically (say, in the manner of the AGN reading).

17. Action on the Specialist (Q) shift is proceeding slowly because of the unrelenting pressure of other business. We hope to get the required report, in the mail in the next two weeks.

18. The D.S.C. gives a written examination to WRANS inducted into this organization. A recent examination contained the following question:

"Give your answer to the following question supposing it were asked by:-

"(a) a member of your family

"(b) Lt. John Smity, A.I.F.

"Just exactly what do you do in the Navy?"

Some answers.

"25 w.p.m."

"Usually they get told to mind their own business."

"I'm the one who makes the tea and scrubs out."

"I have already been asked this by my family,

but as they all regard me as vague and half-witted in any case, they did not even wait for the answer."

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Different ways of dealing with Lt. John Smith, A.I.F.

"With all due respect, Sir, and without wishing to appear impertinent, I am surprised that you should ask such a question as I think you must know, Sir, that all Services are warned against discussing official matters. I apologise if this sounds rather blunt."

"You must be a heck of a lot of use as an Army Officer if all you have to do is to go around inviting people in uniform to discuss Service matters."

"If my family asked me exactly what I do in the Navy it would be a miracle as I am an orphaned only child."

II - OPERATION AND PLANNING

(A) Op-20-G1 items.

19. Nothing.

(B) Research

20. Nothing.

(C) Intercept and D/F

21. The Adelaide River improvements have been completed. The DAB is erected and operating. It is, at present, shooting bearings at random until its accuracy can be established. There seems to be little point in making it a flash responder in view of its proximity to Coonawarra.

22. Chief Radioman Winchester was sent to the Army teletype maintenance school in Eristane late in December. On completion of the course there he will be transferred to Cooktown as that station's teletype expert. The Cooktown project is practically completed except that the power plant (known to be somewhere in Australia) has not yet arrived. As soon as it is known to be on its way, personnel will be ordered.

23. Several days ago a member of the R.A.N. D/F crew at Exmouth Gulf (which has been shuffled into our crew's watch list pending completion of their own installation) fell from the platform and dragged the set over with him. The fall knocked out the man (no serious injury) and broke a

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battery case and the lower halves of both dipoles. Both crews were instructed to pool materiel and put one D/F into commission. This was done, and an Exmouth Gulf D/F was in commission again in less than two days. Meanwhile, the RAAF very kindly unearthed an idle DT at Perth (one of those copied a year ago from ours) and shipped it to Exmouth Gulf on loan. The dipoles of this set are now being used in our set. The local manufacturer who made the DT's for the RAAF is manufacturing for us a replacement pair of dipole lower halves. The RAAF operators call the DT the "Whirl of Death". Ways and means of protecting personnel from falls are being investigated.

(D) Analysis

24. Washington's and FRUPAC's work in breaking into FRUPAC's key job on [] and Washington's [] break have left us breathless.

25. An outstanding job of work by one man, Chief Yeoman R. V. Anderson, deserves broadcasting.

It was now the end of Anderson's eight-hour watch but, fearing that he might be scooped by a TUNA, he continued on for seven hours longer,

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FRUMEL does not

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Subj: News Memorandum for month ending 15 January 1944.

square off, jut its jaw, and shout that Anderson's fifteen-hour tour de force is a record, but it hesitantly asks the Big Two if maybe. At any rate, it is an example of the stuff on which real accomplishment is built; ability, interest and pride.

26. Lieutenant Commander Chisolm and [redacted] have spent a large part of their time recently wiring selectors for the Jade. Delivery of the motor generator is expected in a day or two. One or two recent pay-offs from the Jade have rendered us exceedingly thankful that Lieutenant Commander Chisolm took such pains to assemble equipment before leaving the United States. He could never have done it here.

(E) Translation

27. [redacted] separation from the unit left a hole which will be difficult to fill. His particular combination of imagination and language ability rendered him invaluable in [redacted] work. In addition, he will be missed as a shipmate, humorist, squash-player, and life-of-the-party.

(F) Intelligence

28. Nothing.

(G) I.B.M.

29. Nothing.

30. It is essential that this letter be delivered to the addressee with the least possible delay. Therefore its transmission by registered mail within the continental limits of the United States is authorized.

/s/ E. S. L. GOODWIN.

Copy to:
FRUPAC.

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

A2-11(15)

Serial 037

~~SECRET~~

24 February 1944.

From: The Officer in Charge.
To: The Assistant Director of Naval Communications (Op-20-G).
Subj: News Memorandum for month ending 15 February, 1944. ✓

I - ADMINISTRATION

(A) 20-G Items.

1. Commander Newman has been restored to full duty status.
2. [redacted] from B.P. via "Anderson" (Anderson is to Colombo as B.P. is to London as Mount Vernon Seminary is to Washington as Monterey is to Melbourne) has reported and assumed the duties of RNL Monterey (Royal Navy Liaison). He brought with him a first letter from USNL Anderson (Commander Fabian) in which are listed various items of I.B.M. prints desired at Anderson. These have all been forwarded and future I.B.M. runs of various sorts will, insofar as practicable, provide for copies for Anderson. USNLA has been requested to advise FRUMEL as to any which prove to be not desired, in order that there will be a minimum of wasted effort and paper. The transmission of FRUPAC's jackpot film on to Anderson (roll by roll as printing completed) is being effected in view of representations by boty USNLA and RNLM as to the usual slowness of Anderson's receipt of material via B.P. This will at least serve to give RNLM and OINCA an arguing point in their efforts to reduce the alleged B.P. molasses factor. It may be, of course, that the film will not win the two-way around-the-world race, in which case we shall at least have added to our stock of useful knowledge. Anderson have been requested to return the film to FRUMEL for filing, and to report on the time differential, B.P. versus M.

(B) Maintenance and Security.

3. Detailed specifications for shelving, electric outlets and all other internal arrangements in the new building were passed to A.C.N.B. a few days after transmission of the last news letter. Allied Works Council draftsmen expect to finish detailed drawings this week, upon which the project should be ready for pushing past the A.C.N.B. business member for approval of estimates and final green light. It is hoped that ground may be broken before the next news letter. If it is not, there will be no undue surprise.
4. The I.B.M. lean-to addition is nearly complete.

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Subj: News Memorandum for month ending 15 February, 1944.

(C) Correspondence

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5. There are enclosed with the original of this news letter to Op-20-G (not with FRUPAC's copy) two envelopes. One came in the regular U.S. Mail, addressed to:

"Officer in Charge, Navy 136,
"Radio Intelligence D/F, Intercept Station,
"c/o Fleet Post Office,
"San Francisco, California."

The Inspector of Naval Material at 30 Church St., New York, originated that one. The other envelope came in an officer messenger shipment from OPNAV (Constitution Ave. office, obviously) to ComSeventhFleet, and is addressed to:

"Commander Fleet Radar Unit Seventh Fleet."

The office personnel at Brisbane gave it to the vice president for radar, who opened it and found a letter concerning control of the dissemination of weather information obtained by cryptanalysis. The radar man quickly treated his hands with picric acid ointment and had the letter forwarded to FRUMEL.

6. Ensign H.F. Pearce appeared with a set of orders which direct him to report to the Commander, Seventh Fleet, for "intelligence duty". He was not, by the way, ordered to the Fleet Radio Unit but ComSeventhFleet sent him to us never the less with an endorsement ordering him to report to the "Fleet Radio Unit for intelligence duty".

7. It should be noted that Op-20-G's Serial 1253220 of 18 January (unclassified) specifically identifies two encrypted despatches and reveals their general contents. The information contained therein is being relayed to USNLA with the references subtracted.

(D) Communications.

8. We are unable to understand OPNAV's decision to provide CSP 1515's for ComSeventhFleet's teletype lines but not for FRUMEL's. Can Op-20-G elucidate? These are not necessary for us but, in view of the fact that several Commonwealth post-offices can cut in on our intercepted traffic without our knowing that they are on the line (See FRUMELGRAM), it is considered that they are desirable.

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Subj: News Memorandum for month ending 15 February, 1944.

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9. The P.M.G. now has antennas ready at Sydenham and Werribee for the Port Moresby link. All that we need now is TDH's. All negotiations for installation of the TBC at Shepparton are complete and we await P.M.G.'s word to the effect that he is ready to receive the shipment.

X
10. Of the three Chief Radiomen being groomed for brass-pounding, one (Evans) has made Ensign. He is now the Assistant Oinc at Moorabbin. His place in the trio has been taken by H.E. MC CONNEL, CRM. We have interpreted the last stages of the recent flurry of despatches concerning Moresby-Melbourne radiomen to mean that Com Seventh Fleet will not take these Chief Radiomen from us. We may, then, depend on keeping them to man our end of the circuit in Melbourne - provided our interpretation is correct. The D.S.C. has promised to assist with four WRANS telegraphers.

C
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11. The six teletype operators for ComSeventh Fleet arrived and were, on our recommendation, taken by that officer for work at his headquarters. Our outgoing teletype traffic at FRUMEL and at Moorabbin is too light to keep real teletype operators busy, and their transfer to Adelaide River, where they could be used to great advantage, would render them too inaccessible in case of a sudden call for their services.

X
12. The first consignment of general service radiomen (six of them) arrived and were offered to ComSeventh in the same manner as the teletype contingent, and for similar reasons. So far we have had no reply in their case, and so they are, fattening in a local hostelry, with orders to report at 0900 daily. We prefer not to mix them with the intercept personnel at Moorabbin. The seventh member of this group, CRM BORNGEN, was almost shanghaied to sea by the Service Force in New Guinea, but we notified ComSeventh of his plight and he is, presumably, being rescued.

X
13. Every month something leaves us breathless. This month it is the latest trans-Pacific R.I. circuit diagram.

(E) Equipment.

14. The following equipment and supplies have been received:

<u>Item</u>	<u>Quantity</u>	<u>From</u>	<u>Date</u>
Waters-Conly Tape Recorders, Model BC-1016 Ser.#'s 12,13,16,20,29,47, 50, complete with two instruction books and one set spares per recorder.	7	NYD., New York	2-3-44

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Subj: News Memorandum for month ending 15 February, 1944.

<u>Item</u>	<u>Quantity</u>	<u>From</u>	<u>Date</u>
Office equipment and IBM parts requested by Lt. Comdr. Fabian in person, July 1943, shipped under B/L N-2655077.		Washington	1-24-44
IBM Card File Cabinets with 3 sets trays on B/L 1192086	7	?	1-24-44
"Ditto" Equipments shipped on B/L N-2760979	2	Washington	1-24-44
Electromatic typewriter ribbons shipped via air	3	Washington	1-20-44
IBM parts requested MELFRU 290229 November 1943.		Washington	2-16-44
TBC-4 equipment under B/L N-2106954.	43 crates	Schenectady	2-3-44
Motor-generator set. Input - 415 volts, 50 cycle, 3 phase. Output - 110 volts D.C. at 10 amps.	1	Local	1-24-44
Office supplies, including two Underwood telegraphic typewriters, shipped under B/L 2042114	5 boxes	Washington	2-11-44

(F) Morale and Training.

15. The following personnel have reported (to 20 February) and have been assigned to duty as indicated:

<u>NAME</u>	<u>DATE</u>	<u>DUTY</u>
<u>OFFICERS</u>		
Ensign J.W. Pittman, USNR	1-20-44	GY-1
Ensign H.F. Pearce, USNR	2-9-44	Tracking
Ensign R.F. Wendland, USNR	2-14-44	Code Room (training)
Ensign D.B. Stout, USNR	2-18-44	Code Room (training)
<u>ENLISTED MEN</u>		
SLOFFER, T.R., Y2c, USNR	2-15-44	Not assigned
HARRIS, C.D., AerM3c, USNR	2-18-44	Weather

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Subj: News Memorandum for month ending 15 February, 1944.

16. The following personnel have been transferred from FRUMEL:

<u>NAME</u>	<u>OFFICERS</u>	<u>DATE</u>	<u>TO</u>
Commander R.J. Fabian, USN		1-20-44	Anderson
Rdo. Elect. C.J. Johns, USN		2-5-44	Washington
Ship's Clerk H.H. Schlorff, USN		2-15-44	Hosp. (Sydney)
Lieut. R.W. Lewis, USNR		2-18-44	Hosp. (Sydney)

17. On 16 January the following personnel were received from ComSeventhFleet for temporary duty:

THORSEN, R.R., RM3c, USNR.
WOODRUFF, J.F., RM3c, USN.

These men are Kana operators assigned to the counter-measures organization and sent to us for employment until counter-measures can determine how to use them.

II - OPERATION AND PLANNING.

(A) Op-20-G-1 Items.

18. We regret to report to FRUPAC that the Pacific Islands Year Book, 1942, (Wartime Edition) desired by them is no longer in print, according to the local supply department who tried to obtain it from its publisher, Pacific Publications, Proprietary, Sydney.

19. At the risk of appearing to stare impolitely at the tonsils of gratuitous equines we ask FRUPAC to wrap each future film roll in a bit of paper which lists briefly the contents. This will save much G-1 and translator time. It was done with some of the jackpot rolls, but not with others. We also request that we be notified when it is intended to follow a film shipment with an IBM print based thereon, so that we can, if there is no local urgency, save photographer time and photographic paper. This is particularly applicable in the cases of non-current systems. (The job is a case in point).

(B) Research.

20. The Ely-Engstrom exchange on alignment criteria has been noted with awe, and the denouement with regret.

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Subj: News Memorandum for month ending 15 February, 1944.

(C) Intercept and D/F.

21. There is nothing of moment to report in connection with Cooktown. CRM Winchester has been ordered there but there is, as yet, no news of his arrival. The Commander, Service Force, has notified us of the shipping data (via rail freight) for that station's 15 KVA diesel-electric set, but there is no news of its arrival. In reply to Op-20-G's query as to why no DAB at Cooktown it may be said that the original scheme of putting the DAB there no longer appears to be desirable. Our serial 333 of 8 December is the latest word with regard to FRUMEL's D/F intentions, but we are open to arguments in favor of return to the older scheme.

22. Commander Hull of BUSHIPS came through at the beginning of February and was shown Moorabbin (except for the interior of the operating room). He had talks with the OinC, the DSC and various material and operations personnel. He seemed surprised and pleased at our contentment with the quality and performance of material on hand. Only one of his gadgets tempted us; viz, the DAX. It is requested that we be put on the list for one of those for trial as soon as they are in production. They sound as if they might have all the advantages of the DT's plus. Commander Hull was told of our difficulty in identifying shipments and stated that steps toward improvement are already underway. A case a propos is the 43 box TBC shipment. Is it all there? How pleasant it would have been to have found on each box something like "TBC--Piece No. _____ of 43", or something of the sort!

23. Op-20-G is requested to forward to FRUMEL (or arrange for forwarding) two copies of the first volume of "Catalogue of Navy Radio Equipment" (we already have two copies of the second volume, which is only a supplement to the first).

(D) Analysis.

24. The new method of cryptanalysis invented and exploited by FRUPAC is beyond praise.

25. Lt. Comdr. Chisolm's 'Jade machine is working perfectly and has turned out solid translations of all material brought in since its completion. We have now learned what a is, but what is a

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Subj: News Memorandum for month ending 15 February, 1944.

(E) Translation.

26. It is rumoured that the captured code book has been translated by Negat. Would it be of advantage to furnish a copy to each station and use its code groups for the TUNA exchange of recovered values? This would certainly make for uniformity and definiteness of identification, but it might have disadvantages which would outweigh. Each group thrice would make it quite garble-proof. We do not urge this -- we merely toss it in as a suggestion. It has undoubtedly been considered before and abandoned for some reason which we do not see from these seats.

27. Early in February, the Fleet Intelligence Officer called by long distance telephone and asked if, in view of the then current slackness, two language officers could be made available for about two weeks of very important work in Brisbane. The answer was affirmative. The next day an official despatch request came through for nomination of the two officers. Lieut. Comdrs. Biard and Mackie were nominated and were ordered north in due course. After their departure we learned of FRUPAC's jackpot strike. There was some mild chewing of finger nails, but our translators were returned promptly as promised and before the snow began to fly too heavily. It appears that they had been used to translate despatches for the U.S. Army who had captured the Nips' high command cryptographic system but couldn't understand the product because of unfamiliarity with despatch language. The work of Biard and Mackie appears to have been invaluable, and the U.S. Army high command is reported to have said that this work has shortened the Bismarcks campaign by three months.

(F) Intelligence.

28. Our daily digest (which is currently running to more than twenty 8 by 13 pages) is now being produced by "Ditto" process. There are not as yet enough hands to permit of filing dittoed copies of individual translations, but the system is working, and we can approach Washington's routine by easy stages as we receive more men.

(G) I.B.M.

29. Nothing.

30. It is essential that this letter be delivered to the addressee with the least possible delay. Therefore its transmission by registered mail within the continental limits of the U.S. is authorized.

Copy to: FRUPAC.

/s/ E.S.L. Goodwin
E.S.L. GOODWIN.

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~~C O P Y~~

A2-11(15)

Serial 046

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~~S E C R E T~~

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

~~C O P Y~~

ESLG/thb

Bwky News
memos

18 March 1944

5750

From: The Officer in Charge.
To: The Assistant Director of Naval Communications (Op-20-G).
Subj: News Memorandum for period 15 February - 15 March 1944
(Excerpts from).

I - ADMINISTRATION

(B) Communications.

5. Is it realized in Washington that several recent administrative despatches sent to us over the COMB circuit have been addressed, for information, to unenciphered K6M?

6. The arrival of eleven general-service trained radiomen has removed the necessity for keeping our three intercept chiefs trained for U.S.N. circuit work, and they have been restored to normal duties.

7. Of the personnel needed by the Commander, Seventh Fleet, there have now been sent to him seven radiomen (including CRM Borngen, who finally arrived) and all six of the teletype operators. The remaining two radiomen will come from the group of eleven, and have been made available to him. They will leave as soon as orders are received. Six of the seven coding officers are here, and our Lt.(jg) Jefferson will make the seventh. These officers are being retained (and trained) here until the Melbourne-Moresby circuit goes into operation. The nine general service radiomen remaining for use here are quartered at Moorabbin and will have to be kept hot on drill equipment until we get a live circuit on which they can perform.

(E) Equipment.

8. The following equipment and supplies have been received:

<u>Item</u>	<u>Quantity</u>	<u>From</u>	<u>Date</u>
Vacuum Tubes, Type 861, for TBK-15 B/L 2740537	2	USNSD, MAZE	3-14-44
Keyers, Tape - B/L 2536468	7	Washington	3-11-44
Two boxes of the missing three on B/L 2042114. < Now lacking only one box of this shipment. office supplies	2	Washington	3-14-44

C O P Y

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C O P Y

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18 March 1944

Subj: News Memorandum for period 15 February - 15 March 1944.
(Excerpts from).

<u>Item</u>	<u>Quantity</u>	<u>From</u>	<u>Date</u>
Panoramic Adaptors, Type RCC	4	Panoramic Radio Corporation	3-11-44
RIP-5's requested by Lt. Cdr. Fabian personally and shipped on B/L 2415274	4	Washington	1-17-44
Telegraphic Typewriters, 11" carriage	4	ECHO	3-10-44
Recordak and Viewer, B/L 3305048 *	1 ea.	Washington	3-10-44
Film, 35 m.m., B/L N-2763337 #	5000 ft.	Kodak Company	3-11-44
Receivers, RBG-2, B/L N-3035828	7	BuShips	3-11-44
Photostat Paper, B/L 2744094	2100 @ ft.	Haloid Company	3-10-44
Typewriters, Underwood Standard, E/L N-3043767	4	Washington	2-27-44
Crystals for TBC-4 Transmitter (Ser. 2830, 2831) Channel Freq. 14040 kcs.	2 \$	USNSD, ECHO	2-25-44

* Badly damaged. Local repairs now expected to render serviceable.

See paragraph 16 FRUMEL news-letter for period 15 November to 15 December 1943.

@ 110 feet ruined by reason of inadequate packing and rough handling.

\$ Making total of 4 on hand. Since these cannot be used on TDU, and since 14040 kcs. channel will be served by TDU, these are useless to FRUMEL and are being retained pending instructions as to disposition.

W. H. Hall

(F) Morale and Training.

9. The following personnel have reported (to 15 March) and have been assigned to duty as indicated:

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C O P Y

ESLG/thb

18 March 1944

Subj: News Memorandum for period 15 February - 15 March 1944.
(Excerpts from).

<u>NAME</u>	<u>OFFICERS</u>	<u>DATE</u>	<u>DUTY</u>
Ensign R. W. Brasher, USNR		3-14-44	Administrative
Ensign J. V. Bradt, USNR		3-14-44	TI (frequencies and coverage)
<u>ENLISTED MEN</u>			
ZIPKIN, N.D., AerMlc, USN		3-3-44	Weather
REYNOLDS, R.C., AerM3c, USNR		3-3-44	Weather
GRAY, J.W., AerM3c, USNR		3-3-44	Weather
DRINKWATER, M.K., Ylc, USNR		3-3-44	Administrative
BAKER, J.F., Y2c, USNR		3-3-44	GY
VOIGHT, John P., Y2c, USNR		3-3-44	GY
SATTERFIELD, R.S., Y2c, USNR		3-3-44	Tracking
PATE, G.C., Y2c, USNR		3-3-44	GI
McFarland, W.V., Sp(I)2c, USNR		3-3-44	IBM
JACKSON, H.F., RM3c, USNR		3-11-44	Moorabbin, training
MCCARTNEY, J.M., RMlc, V-6, USNR		3-11-44	Moorabbin, training
VALO, D.A., RM3c, USNR		3-11-44	Moorabbin, training
FOSS, H.O., RM3c, USNR		3-11-44	Moorabbin, training
DICKENS, E.P., RM3c, USNR		3-11-44	Moorabbin, training
DUNN, R.E., RM3c, USNR		3-11-44	Moorabbin, training
FARMER, J.E., RM3c, USNR		3-11-44	Moorabbin, training
SCHMITT, E.J., Jr., RM3c, USNR		3-11-44	Moorabbin, training
LINDBERG, E.O., RM3c, USNR		3-11-44	Moorabbin, training
REED, L.E., RM3c, USNR *		3-11-44	Moorabbin, training
HITT, J.B., RM3c, USNR *		3-11-44	Moorabbin, training

* Nominated for transfer to ComSeventhFlt.

10. The following personnel have been transferred from FRUMEL:

<u>NAME</u>	<u>DATE</u>	<u>TO</u>
BLALOCK, H.A., Y2c, USNR	3-9-44	Hospital (Sydney)
STAFFORD, R.J., CY(AA), USN	3-11-44	Bainbridge, Wash.
BOWERS, L., Jr., Ylc, USNR	3-11-44	Washington
KNUTSON, V.J., CY(PA), USN	3-11-44	Washington

11. Ensign Brasher, scanning this (to us) familiar scene with a clear, new eye, has suggested a point which has never occurred to anyone here. Perhaps the remainder of the organization does not realize that FRUMEL's "office" is not only a GR office and a GB office, but a

062

C O P Y

A2-11(15)

Serial 046

C O P Y

ESIG/thb

18 March 1944

~~SECRET~~

Subj: News Memorandum for period 15 February - 15 March 1944.
(Excerpts from).

ship's office in the full destroyer sense (except that there is no ship's log). Service records are kept, all the usual notifications to disbursing officer have to flow, reports of examination for advancement are typed, the mast logs, rough and smooth (meagre, thank Heaven) are kept, summary courts (when and if) are ordered and recorded, orders to personnel are written, and so on. There are even the usual monthly audits of messes, including a cigar mess which sells coca-cola. The officer in charge is in most respects, including that of possessing the legal authority to order courts, a commanding officer (without the name).

II - OPERATION AND PLANNING.

(C) Intercept and D/F.

14. Radio Electrician Burnett at Cooktown has reported practically simultaneous receipt of his 15 KVA diesel set and a 15 KVA gasoline set which he had begged from the service force. This last is a windfall: it will serve as backer-up for the diesel job. The seven RBG receivers just received are being shipped to Cooktown to replace the six Kingsleys there. The Kingsleys will be sent here and used at Moorabbin. The personnel for Cooktown (raised to 12 radiomen) will be sent north at the end of this month, and the station should be in operation by the time of the next news letter.

19. It is essential that this letter be delivered to the addressee with the least possible delay. Therefore its transmission by registered mail within the continental limits of the United States is authorized.

/s/ E. S. L. Goodwin
E.S.L. GOODWIN

Copy to: FRUPAC.

A2-11(15)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESLG/dc

Serial 063

~~SECRET~~

19 APR 1944

5750

From: The Officer in Charge.
To: The Assistant Director of Naval Communications (Op-20-G).

Subject: News Memorandum for period 15 March - 16 April, 1944.

I - ADMINISTRATION

(A) 20-G Items.

1. Commander Fabian reports that FRUPAC's films of _____ reached Anderson via FRUMEL 18 days ahead of the same material from B.P., and that the interval in the case of the cell lists was 12 days. He further states that about 75% of FRUPAC's jack-pot strike has not been received from B.P. in any form, FRUMEL being, so far, the sole source. He seems delighted with the I.B.N. prints which we are sending him in a steady stream, says that they are all being used thankfully, and requests that we continue to feed them along. Melbourne is ready for the Melbourne-Colombo radio link -- Colombo expects to be ready early in May (the delay is because of radio-operator personnel shortage at Colombo, we believe).

(B) Maintenance and Security.

2. Nothing.

(C) Correspondence.

3. Nothing.

(D) Communications.

4. At the end of March the radio material assistant on the Seventh Fleet staff called from Brisbane by telephone and said that an AT-20 transmitter (an Australian 500-watt job, crystal-controlled) was being shipped down post-haste for this end of the Port Moresby link. A bit later we received word that we were to get the circuit going by the twelfth. One of our receivers (an RBC) had already been delivered to Werribee. When the AT-20 arrived, it was trucked immediately to Sydenham, with the appropriate locally-procured crystals, and delivered to the Post-Master General's force there. Work had, by this time, started on the keying line from FRUMEL to Sydenham, the tone channel from Werribee to FRUMEL, and the necessary private telephone lines. Easter, however, slowed preparations considerably (in civilian Australia, Easter is a Thursday to Tuesday holiday) but some chivvying by the D.S.C. kept the project in motion and we finally started tests with Port Moresby on the evening of the twelfth. A twenty-four hour test of our eight frequencies (4 each end) gave us our shifting hours and

A2-11(15)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESLG/dc

Serial 063

~~SECRET~~

19 APR 1944

~~SECRET~~

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Subject: News Memorandum for period 15 March - 16 April, 1944.

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(B) Maintenance and Security.

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A2-11(13)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

KSIG/dc

Serial 063

~~SECRET~~

19 APR 1944

Subject: ~~News Memorandum~~ for period 15 March - 16 April, 1944.

optimum bands. We are, apparently, ~~going~~ through with at least strength four in both directions during the ~~entire~~ twenty-four hours (both Sydenham and Harribae have rhombics beamed on Moresby). We have a keying head and a borrowed perforator, and 500 rolls of keying tape arrived on the sixteenth. We have reported ready. ComSeventh has ordered that we commence feeding him solid COMBs at 0600 (local) 22 April.

5. The AT-20 (crystal-controlled, remember) is doing such an excellent job on the Port Moresby circuit that we are going to ask to keep it. One of the TDH's, when and if these arrive, can be installed as a stand-by and backer-up.

6. The opening of the Moresby link brought out forcibly the fact that of the ten general service radiomen now attached only two can handle a circuit; viz, Chief Radioman Hess and First Class Radioman McCartney. The eight landmen-for-radiomen are excellent chaps who have been given a quick once-over-lightly of drill circuit schooling and who will some day be quite useful. Their training is proceeding. Meanwhile we have pulled in old-Chief-Kanzen Bryan, Sweet and McConnell to help with the circuit. The starry-eyed smirk of paragraph (6) of our last news-letter has given place to a jaundiced glower.

7. The seven coding officers for ComSeventh's COMB-decoding board left for Port Moresby on the fourteenth. (See paragraphs (14) and (15) below).

8. The TBC still reposes in its crates. The temporary stoppage of the Shepparton project had the effect (which we anticipated at the time) of causing the P.M.G. to devise other plans for Shepparton. He is now not disposed to accommodate the TBC at Shepparton, and proposes Sydenham instead. This is an even better site from several standpoints — excepting that of possible interference with certain existing services, including the R.A.A.F. A big round-table pow-wow is scheduled for 17 April.

9. As for FEUPAC's suggestion that we muscle into VII, it might at first be supposed that "Beam" Wireless, which is grossing from this contract an annuity the classification of which as forage would be highly erroneous, would interpose objections, but actually they, like everyone else in Australia, are biting fingernails over the manpower situation and would quite probably welcome a reduction in that part of their service to us which involves transcribing and tape punching. Oddly enough that very matter of personnel appears to be the one reason why we could not take over VII control. Thirty radiomen will be needed (Beam does it with fewer, but their people are speed artists). We are inclined to believe that by the time that many men are available, our transmitters may be ready also, upon which the contract with "Beam" Wireless can be terminated.

066

Serial 063

19 APR 1944

~~SECRET~~~~SECRET~~

Subject: News Memorandum for period 15 March - 16 April, 1944

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9. As for FRUPAC's suggestion that we muscle into VIY, it might at first be supposed that "Beam" Wireless, which is grossing from this contract an annuity the classification of which as forage would be highly erroneous, would interpose objections, but actually they, like everyone else in Australia, are biting fingernails over the manpower situation and would quite probably welcome a reduction in that part of their service to us which involves transcribing and tape punching. Oddly enough that very matter of personnel appears to be the one reason why we could not take over VIY control. Thirty radiomen will be needed (Beam does it with fewer, but their people are speed artists). We are inclined to believe that by the time that many men are available, our transmitters may be ready also, upon which the contract with "Beam" Wireless can be terminated.

A2-11(15)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESLG/ds

Serial 063

~~SECRET~~

19 APR 1944

Subject: News Memorandum for period 15 March - 16 April, 1944.

(S) Equipment

10. The following equipment and supplies have been received:

<u>ITEM</u>	<u>QUANTITY</u>	<u>FROM</u>	<u>DATE</u>
Lettering Set and Drawing Board - B/L M-3354532	1		31 March
Telatype writer, M15	1	LEFT 32	29 March
Perforator, Wheatstone	1	LEFT 32	7 April
Tape for Wheatstone Perforator	500 rolls	LEFT 32	16 April
Boxes from Dayton, Ohio (probably Vipers) B/L M-3555148	2	Washington	7 April
Transmitter, AT-20	1	LEFT 32	5 April
Tubes for RMC Receiver	2 sets	Philadelphia	31 March
IBM Parts	3 boxes	IBM Corp.	3 April
IBM Parts	5 boxes	IBM Corp.	7 April
IBM Tab Forms - B/L's 3282142, 3282143	16 boxes	NSD Oakland	5 April
Galvanized Cable - B/L 3238436	10 reels	Unknown	5 April
Phosphor Bronze Cable - B/L 3490343	6 reels	Unknown	5 April.

11. The damaged recordak has been repaired locally and is in service. In connection with repair of the viewer, we have requested the V-mail activity at San Francisco to send an instruction book in order that a start can be made.

(F) Morale and Training.

12. The following personnel have reported (to 16 April) and have been assigned to duty as indicated:

NAMEDATEDUTYOFFICERS

Lieutenant (jg) S.W. Harris, USNR

16 March

Code Room

068

12-11(15)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESLQ/dc

Serial 063

19 APR 1944

~~SECRET~~

Subject: News Memorandum for period 15 March - 16 April, 1944.

DATE

DUTY

ENLISTED MEN

GAAR, C.C., Y2c, V-6, USNR	25 March	Translators (write-up)
KIRLE, R.J., RM3c, V-6, SV, USNR	4 April	Code Room
JOHNSTON, M.E., RM3c, V-6, SV, USNR	4 April	Code Room
CYPHERS, W.R., RM3c, USNR	"	"
BURISH, R.J., RM3c, V-6, SV, USNR	"	Code Room
SANTILANI, L.H., RM3c, V-6, SV, USNR	"	Code Room
KEENE, L.D., RM3c, V-6, SV, USNR	"	Moorabbin
PULLIN, C.R., RM3c, V-6, SV, USNR	"	Translators (write-up)
BALSDEN, A.D., RM3c, V-6, SV, USNR	"	Moorabbin
HOLT, K.C., SLc, V-6, SV, USNR	"	Code Room
VICE, R.E., RM3c, SV, USNR	"	Moorabbin
ROSENTHAL, J.F., RM3c, USN-I	"	Translators (write-up)
ECK, L.J., Jr., RM3c, V-6, SV, USNR	"	Moorabbin
ALLISON, S.H., RM3c, V-6, SV, USNR	"	Translators (write-up)
GRIBBIN, H.J., RM3c, V-6, SV, USNR	"	Moorabbin
SPRINGMAN, L.A., RM3c, V-6, SV, USNR	"	Code Room
CALDWELL, F.A., RM3c, V-6, SV, USNR	"	Moorabbin
GILBERT, J.M., RM3c, V-6, SV, USNR	"	Code Room
HALL, H.L., SLc, V-6, SV, USNR	"	Translators (write-up)
BRINKMAN, R.J., RM3c, V-6, SV, USNR	"	Moorabbin
BROWN, W.F., SLc, V-6, SV, USNR	8 April	Code Room
LEAHY, R.J., Cox, V-6, SV, USNR	"	Sentry Detail.

13. The following personnel have been transferred from PHMEL:

<u>NAME</u>	<u>DATE</u>	<u>TO</u>
Lieut(jg) J.C. FLAGG, Jr., USNR	14 April	Advanced HQ, ComSeventhFlt.
Lieutenant J.N. FORSYTH, USNR	"	"
Lieut(jg) J.P. JEFFERSON, USNR	"	"
Lieut(jg) B.R. MCCARTHY, USNR	"	"
Ensign D.B. STOUT, USNR	"	"
Ensign H. WEISS, USNR	"	"
Ensign R.F. WENDLAND, USNR	"	"

ENLISTED MEN

PRICE, H.F., CY(PA), USN	25 March	Washington
KNAPP, P.L., GDLc, V-6, USNR (Guard detail)	27 March	Hospital, Sydney.

063

A2-11(15)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

BSLG/ds

Serial 063

19 APR 1944

~~SECRET~~

Subject: News Memorandum for period 15 March - 16 April, 1944.

of the seven coding officers to Port Moresby left the hole and we have had to divert to coding duty sight of the Moerabbin Kanamen (this in preference to using TI-inferers and write-up men as in the past — these experts now being too much in demand in their respective sections). In addition, Ensign Brasher has been transferred to the code-room, where his qualification as typist will be of most value to the organization. Ship's Clerk Schlorff is back on duty (but still with a bad eye) and two officers are definitely not needed in the office. Ship's Clerk Schlorff cannot use his eyes for more than a small minimum of paper work, but he can generally supervise the yeomen, answer their questions, and settle doubtful points. It will be noted that four Kanamen have been assigned to the translators' write-up section. This diversion of talent is, it is hoped, temporary.

15. The hole in which the code-room found itself was deepened by the loss of Spencer, C.R., Yeoman second class, who was one of their better ECM punchers and, more important, the ECM repairman. Spencer has been hospitalized with a high blood pressure condition which looks serious. ComSeventh is being asked whether he has facilities for training a new ECM repairman. If so, we propose to send Davis, R.A., Radioman second class.

16. Although Hacker, R.N., Radioman second class, was recommended for office duty (in view of ear trouble), he has been ordered to [redacted] The proximity of the big [redacted] Naval Hospital will fill the bill in one of the respects discussed in our serial 029 of 11 February, but how about the other?

17. (Refer paragraph 28, Washington's News Memo for 15 March). PRUMEL can use three more aerographer's mates. We believe, however, that we would rather wait for three thoroughly trained men (real aerographer's mates, not yeomen) than get three in a hurry who are browned on only one side.

18. PRUMEL congratulates Commanders Daisley and Cross on their assumption of the brass hat.

19. See paragraph (6), above.

II - OPERATION AND PLANNING.

(A) Op-20-G1 Items.

20. Nothing.

070

Serial 063

~~SECRET~~~~SECRET~~Subject: News Memorandum for period 15 March - 16 April, 1944.

14. The transfer of the seven coding officers to Port Moresby left the code room in a hole and we have had to divert to coding duty eight of the Moerobian Kanamen (this in preference to using T. in the past -- these experts now being too much in demand in their respective sections). In addition, Ensign Brasher has been transferred to the code-room, where his qualification as typist will be of most value to the organization. Ship's Clerk Schlorff is back on duty (but still with a bad eye) and two officers are definitely not needed in the office. Ship's Clerk Schlorff cannot use his eyes for more than a small minimum of paper work, but he can generally supervise the yeomen, answer their questions, and settle doubtful points. It will be noted that four Kanamen have been assigned to the translators' write-up section. This diversion of talent is, it is hoped, temporary.

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(A) Op-20-GI Items.

20. Nothing.

A2-11(15)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESLG/dc

Serial 063

19 APR 1944

~~SECRET~~

Subject: News Memorandum for period 15 March - 16 April, 1944.

(B) Research.

Boxes from Dayton, Ohio, appeared one day on a truck. One weighs 1500 pounds, the other 1600 pounds. At first we thought they might be bombs for Jade, if such there be. Then we decided that they must be two. Since there is no floor area in FRUMEL's present quarters which will take such weights, we have put the boxes unopened in our locked cage at the Naval Supply Depot sheds, pending the construction of our new building. Any information as to the items contained in these boxes will be appreciated.

(C) Intercept and D/F

22. The station force for Cooktown has been sent north and has arrived. Presumably Radio Electrician Burnett has commenced operations -- the opening of the teletype line is delayed for various reasons and communication without it is more or less on an occasional-ox-cart basis.

23. It is requested that a copy of Keene's "Wireless Direction Finding" (we think that that is the name of the old classic) be procured and forwarded. Adelaide River needs it.

24. Having two D/T's at Exmouth Gulf is not the wasteful arrangement that it seems. The U.S.N. D/T serves FRUMEL (and incidentally CINCEP) for call-sign research. The R.A.N. D/T answers CINCEP's flashes. Neither installation could serve both purposes. No early change in the existing arrangement is contemplated (This answers paragraph 15 in Washington's News-Memo for 15 March).

25. See paragraph (6), above.

(D) Analysis.

26. See paragraph (17), above.

27. See paragraph (21), above.

28. Page VI (original page dated 30 November, 1943) in RIF 84-B lists page numbers alongside

29. Are Lieutenants Clifford and Gideon, promised to us by Commander Farke, going to be sent to FRUMEL?

(E) Translation.

30. The GZ handbook is a gorgeous job, and Commander Mason and company are to be congratulated on its conception and execution. Have copies been sent to Colombo? FRUMEL suggests that Commander Fabian and should be issued copies.

072

Serial 063

~~SECRET~~

19 APR 1944

~~SECRET~~Subject: News Memorandum for period 15 March - 16 April, 1944.
-----(B) Research.

21. Two large officer messenger boxes from Dayton, Ohio, appeared one day in a truck. One weighs 1500 pounds, the other 1600 pounds. At first we thought they might be bombs for Jade if such there be. Then we decided that they must be two. Since there is no floor area in FRUMEL's present quarters which will take such weights, we have put the boxes unopened in our locked cage at the Naval Supply Depot sheds, pending the construction of our new building. Any information as to the items contained in these boxes will be appreciated.

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A2-11(15)

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESLG/dc

Serial 063

19 APR 1944

~~SECRET~~

News Memorandum for period 15 March - 16 April, 1944.

(Refer paragraph 40 of Washington's News-Memo for 15 March).
to have a copy of the kanabatical list of seldom used
military terms.

(F) Intelligence.

32. See paragraph (31) above.

(G) I.B.M.

33. (Refer paragraph 24 of Washington's News-Memo for 15 March).
If the additional three months' training is for I.B.M. repair and service
men, we have no opinion. A repair man with a good background of work on
machines of all types should need no more than three months' indoctrination
in Washington. A repairman with experience which has been limited to one
or two machines, on the other hand, would probably not be ready for FRUMEL
even after six months' training. It all depends on the individual's
previous condition of servitude. If, however, Washington is referring to
operators, we believe that the three months' additional training will be
of no value unless it is of a type considerably different from what has
heretofore been the rule. Operators from Washington come to us well trained
in Washington procedures. This is of little or no value to them here. The
same is probably true at FRUPAC. An additional period of training in pro-
cedures (which, after all, is merely a matter of learning a routine) would
be a waste of time. If, however, these operators could be given more
training in theoretical and practical board-wiring, with perhaps some P.G.
work in razzle-dazzle of the Dyer-and-Deffert order, the time would be well
spent. To a well-grounded board-wirer, any procedure, old or new, should be
simple. The reverse is not true. By the way, where are the repairmen
requested by FRUMEL?

K.S.L. GOODWIN.

Copy to:
CinC, FRUPAC.

074

Serial 063

~~SECRET~~

19 APR 1944

~~SECRET~~Subject: News Memorandum for period 15 March - 16 April, 1944.

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E.S.L. GOODWIN

Copy to:
OinC, FRUPAC.

-7-

(RETYPE FOR PURPOSE OF CLARITY)

C O P Y

A2-11(15)

Serial 070

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESLG/thb

20 May, 1944.

~~TOP SECRET~~

From: The Officer in Charge.
To: The Assistant Director of Naval Communications (Op-20-C).
Subject: News Memorandum for period 16 April - 16 May, 1944. ✓

I - ADMINISTRATION

(A) 20-G Items.

1. Commanders Cross and Scott arrived on 26 April and left for Auckland via Sydney on 2 May. It is hoped that the visit will prove of benefit to Commander Cross and, through him, to the organization as a whole. FRUMEL is fully and accurately spread in the files at M.V., but the first hand view is always superior to any amount of study of facts on paper. It is, too, quite easy to lose track of what actually exists when one is absorbed in planning for the future -- The Grand Tour is a splendid remedy for this.

2. The OinC proceeded to Brisbane on 5 May to confer with Seventh Fleet staff members on the Brisbane-Melbourne teletype question. While there he was able to revive the moribund "Western New Britain" (now Admiralties) D/F project, which every responsible person there had forgotten. On both subjects he read the old FRUMEL letters and dispatches to people, confirmed the fact that each sentence meant what it said, received the rather surprised admission that everything seemed quite clear and returned to Melbourne. Truly there seems to be no substitute for face to face communication. Admiral Kincaid, by the way, personally expressed his appreciation of the work of the CI organization.

3. Lately there have been some rather disquieting developments in the matter of personnel which, were we not a buoyant crew, would tend to reduce us to a state of nerves. We realize, of course, that the personnel qualifications which we request cannot always be hit precisely on the nose as per specifications and that manpower is almost as much of a problem at home as it is here. We also realize that the orders which we request or suggest for our home-bound citizens are often rendered undesirable for perfectly good reasons which we cannot know. All this is part of the give and take of administration and we have no quarrel with it. No one minds taking "no" for an answer when it is clear that the answerer fully understands all of the circumstances. But when there are indications that some of the "no's" are blind or uninformed ones -- then come the haggard eye and the diet of fingernails au naturel. One or two recent reactions have worn the mark of the two-semester

(a2-11(15))

C O P Y

ESLG/thb

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

~~TOP SECRET~~

20 May, 1944.

Subject: News Memorandum for period 16 April - 16 May, 1944.

course in personnel management and have lacked that elusive old Navy je ne sais quoi. A few case histories will clarify our meaning.

The Case of Electrician's Mate Chall --- This is not a very good case for our argument, involving as it does a slight misunderstanding which is probably mostly our fault, but it is pertinent and should be presented here for the purpose of clarification. When we stated in our serial 050 of 3 April that no specific relief would be needed for Chall, we meant that there was no need for a similarly qualified relief to be sent from home. Actually, Chall's duties must be taken over by a qualified man, but we planned (and still plan) to produce that man. It happened, unfortunately, that our schedule of teletype maintenance training was upset by the temporary closing of the teletype maintenance school (conducted by U.S. Army in Brisbane). This is the reason for our having had to request an extension of Chall's tour of duty here to bridge the gap until Army's maintenance course re-opens. We go into this long explanation because in the first part of Negat's despatch of 5 May we seem to detect a slight pique over our apparent inconsistency --- or are we over-sensitive? It may be that the yeoman first nominated by Negat as Chall's relief is a teletype repairman. In this case, we can relinquish Chall when the yeoman reports. We cannot take it for granted however, that this yeoman is so qualified for the very reason that we did not ask for a qualified relief. If we are wrong, and if the yeoman is a gratuitous teletype maintainer, then our thanks will be effusive and our penitence abject. Incidentally we shall make every effort to follow consistently the policy of training our own reliefs and of using the words "no specific relief required" whenever possible. This phrase should be understood to mean that relief of the hands involved may be accomplished from the bottom. When we do request a specific relief, it will mean that we have been unable, for one reason or another, to train one ourselves.

The Case of the Deaf Radioman --- This matter, mentioned briefly in paragraph 16 of the last news memorandum, is cited here because it may be pertinent. We don't know. If there are jobs at for non-listening radiomen with Kana background, then all is well and this paragraph can be disregarded.

The Case of the Phantom Teletype --- Twenty-one days after we transmitted our (we thought) clear and explicit teletype spiel of 4 April, we received Negats suggestions of 25 April. This really hurt. We are now getting COMB's to ComSeventh by teletype and hope to get some TUNA's into the circuit (for Army to transmit

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(FLEET RADIO UNIT)

Serial 070

20 May, 1944.

Subject: News Memorandum for period 16 April - 16 May, 1944.

to Washington) but we are using the Port Moresby circuit radiomen for the job. The ten additional general service radiomen who have just arrived render the situation quite easy, but obviously the arrangement is merely temporary (until the radiomen are needed to man the Moresby and VIY-NIT circuits). Negat's later (25 April) reaction (promise of eight teletypists via air) is THE ANSWER and has made us all very, very happy.

The Case of the Personnel Yeoman --- A long time ago our agonized screams rent the air over the simultaneous loss of all of our experienced administrative clerical hands. Negat promised a personnel yeoman in due course. Meanwhile Ship's Clerk Schlorff came back to duty unexpectedly and our remaining hands showed quite gratifying progress in shoe-filling by the force-fit method. Eventually there reported Yeoman Gerhold who is the promised Personnel yeoman. Gerhold has had experience at keeping certain office records of personnel in GW, but with Navy personnel clerical work he is entirely unfamiliar. In other words he is a personnel yeoman in the same sense as the bright and rather sedentary seaman first whom the turret division officer assigns to duty of keeping the division book and correcting the watch, quarter and station bill. Gerhold has been assigned to the GI office where his card-handling experience should be of great value.

The Case of the Multiple Materiel Man. --- This is the one that worries us dreadfully. Our serial 012 of 25 January, 1944, outlines Radio Electrician Hadley's qualifications. When CRM Maciejewski (apparently a very solid citizen with a keen mind) reported as RE Hadley's relief, we found that he had had no ECM and no teletype experience. This makes for difficulties because the teletype maintenance school is temporarily closed and our quota therein is one instructee per class, and because the only place in this theatre where ECM maintenance instruction is available is Milne Bay, New Guinea. Even this didn't hurt too much -- Washington had probably been unable to meet all of our specifications and had done the best possible thing -- and, anyway, we would muddle through in one way or another as is our custom. But here's the rub --

(a) Maciejewski states that the communication from Washington to Bainbridge requesting nomination of a man for the billet simply specified a "materiel man" and did not mention any other specific qualifications.

(b) Washington's news-letter for 15 April, paragraph 3, lists

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20 May 1944.

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Subject: News Memorandum for period 16 April - 16 May 1944.

Radio Electrician Hadley among the TI specialists.
(FRUMEL's monthly personnel bill might have stopped this one even with our serial 012 lost behind the file cabinet).

4. There is a lesson for us in all this and we have not missed it. It seems that no matter how calamitous our losses and urgent our needs, we always, somehow, pull through and find some way of closing the breach. Replacements which we have called absolutely necessary have not come -- yet here we are, still rolling along. It seems that there is still no such thing in the Navy as the indispensable man. Very well, from now on, whenever possible, we shall say "no specific relief" and we shall stretch and stretch and stretch all sorts of points to avoid having to ask for specific reliefs. When we do ask for specific reliefs it will mean what it has always meant -- that at the time of the request we, after due consideration, can see no other satisfactory solution. Now in view of the possibility (suggested by the concomitant circumstances related above) that the case of the Multiple Material Man, including the 5 May "no!" to our 2 May "maybe?", might have been handled by a subordinate not in full possession of the facts or of enough seniority to permit his taking the long view, may we suggest reconsideration? We are going to need someone to supervise maintenance of the teletype equipment, CSP 1515's, and all the other apparatus involved in projected improvements of our communications, and one person is no more expensive to transport than another.

(B) Maintenance and Security.

5. Digging for the new building has actually begun.

(C) Correspondence.

6. Nothing.

(D) Communications.

7. The Moresby circuit went into operation on 22 April, at the start of the Hollandia operation, and continued until the return of Comseventh to Brisbane on 5 May. At first we had only one perforator but we were able to borrow another from "Beam Wireless" (with the wrong kind of motor for any of our current sources). A wooden pulley was made and mounted on the shaft of a spare ECM motor, and this was used to drive the perforator by belt drive.

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U.S. SEVENTH FLEET
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20 May 1944.

Subj: ~~Wash. Washington~~ for period 16 April - 16 May 1944.

Eventually the Brisbane radio pool came across with two of our own perforators. We were thus finally well off for equipment, but still could not push solid COMB traffic through, because Port Moresby was unable to take more than about 32,000 groups per day, probably because of receiving by doublet, not having completed rhombics and diversity. With Comseventh's end unable to accept all COMB's, we selected as follows:

All urgents and OP's were transmitted at once.

Priorities, routines and deferred were decrypted and the GI watch officer determined which should be sent and which need not be sent.

The must P's, R's and D's were sent after O's and OP's, and the circuit was kept loaded as necessary with non-musts.

When Comseventh ordered us to discontinue the circuit we pointed out the Nip-CI-Traffic-Analysis-angle (circuit on when operations afoot, off when area commander in back headquarters during lulls) but Comseventh, acknowledging the validity of the point, said to stop anyway. Later the F.I.O. explained that it is the intention to start the circuit only at the actual moment of attack, as was done in the Hollandia landing operations. This seems sound enough.

8. On cessation of the Moresby radio circuit, we resumed drafting despatch reports to Comseventh giving briefly COMB information of interest to him, as we had always done up to 22 April. The Cinc proceeded to Brisbane to talk over the COMB's-via-teletype question. He and the Fleet Communication Officer decided on the following:

Comseventh taps the Army (Brisbane)-to-Monterey teletype channel in order to get Washington COMB's which are transmitted thereon.

Monterey delivers FRUPAC and FRUHEL COMB's to Comseventh via direct teletype.

When Army (Brisbane) is ready, they will tap the Monterey-to-Comseventh teletype channel and will extract therefrom all T2W traffic and forward to Washington via radio teletype.

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Subj: News Memorandum for period 16 April - 16 May, 1944.

When Army (Brisbane) commences the eastbound radio teletype service, Monterey will commence adding to the Monterey-to-Comseventh channel as many T2W TUNA's as the keyboard-operator situation and channel capacity permit.

So far, Army (Brisbane) have not commenced the eastbound service but the other features are in operation, with radiomen manning the teletypes at this end.

9. The COMB-reading unit in Brisbane is housed in a suite of offices in a bank building about one block from Seventh Fleet HQ. There are two rooms. The inner room contains the two model 15 teletypes (one receiving from Monterey, the other tapping the Army-to-Monterey line) and four ECM's. The outer room houses the group of officers and yeomen (provided and directed by the F.I.O.) who utilize the COMB information (see paragraph 30 below).

10. When we spoke last month of being in a hole in the code room we didn't know what a hole is. The lifting by Comseventh of two more (the last two) coding officers soon taught us. During the CinC's visit to Brisbane he learned that it is the intention to return these two to FRUMEL when replacements can be trained in Brisbane.

11. The Defense Committee has approved installation of the TBC at Sydenham (with room to be provided for further facilities, including the TDU and has recommended highest priority for the project.

(E) Equipment.

12. The following equipment and supplies have been received:

<u>ITEM</u>	<u>Quantity</u>	<u>FROM</u>	<u>DATE</u>
Model 19 teletype and reperforator	1	U.S. Army	28 April
Model 15 teletype	1	RMO, Brisbane	12 May
Ink recording equipment (tape bridges, motor drives, tape reels and rewind reels) B/L 18907-44 Flight 11128	1 crate	NYD, N.Y.	6 May

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20 May, 1944.

Subj: News Memorandum for period 16 April - 16 May, 1944.

Office supplies B/L 2773017	3 boxes	Washington	12 May
* Typewriter, 26" carriage -- B/L 3311844	1	Washington	12 May
Wheatstone perforators	2	RMO, Brisbane	1 May
Rectifiers for Wheat- stone perforators	3	RMO, Brisbane	1 May
RDP Diversity Receiving Equip. (10 cases) B/L 2765822	1	BuShips	12 May
RBC Receiving Equip. (3 boxes) B/L 3279615	1	NYD, Boston	12 May
DT Direction Finder B/L 3573485	1	Bainbridge	12 May
Oscilloscopes, Model CTU-60018 (without spares or spare tubes)	2	NYD, Mare Is.	25 Apr.

* Typewriter received in damaged condition because of improper packing. The typewriter had not been secured inside the box, and the subsequent handling had caused the carriage to become broken from repeated bouncing about inside the crate. Repairs being effected locally.

(F) Morale and Training.

13. The following personnel have reported and have been assigned to duty as indicated:

<u>NAME</u>	<u>DATE</u>	<u>DUTY</u>
BAREILLES, J.L., Jr., RM2c, USN	24 April	Moorabbin
LAWSON, E.W., Cox, USNR	27 April	Sentry Detail
HENNESSEY, G.W., Sp(I)lc, USNR	7 May	IBM
GROVER, W.D., Ylc, USNR	8 May	IBM
EVANS, B.J., Slc, USNR	8 May	Communications (Brisbane-Mon- terey T/T)

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U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

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20 May, 1944.

Subject: NEWS MEMORANDUM for period 16 April - 16 May, 1944.

SCHULZ, D.L., Slc(RM), USNR	8 May	Communications (Erisbane-Monterey T/T)
PICCIANO, Frank (n), Slc, (RM), USNR	8 May	"
VAN BUREN, MW., Jr., Slc(RM) USNR	8 May	"
HINKLE, K.O., Slc(RM), USNR	8 May	"
PONTER, J.J., Slc(RM), USNR	8 May	"
JOHNSON, D.W., Slc(RM), USNR	8 May	"
JONES, R.D., RM3c, USNR	8 May	"
FREEMAN, E.G., Slc(RM), USNR	8 May	"
FREEMAN, W.K., Slc(RM), USNR	8 May	"
MACIEJEWSKI, A.J., CRM(AA), USNR	8 May	Wateriel
MAHON, E.S., Sp(I)2c, USNR	8 May	IBM
DIEHL, R.O., SP(I)3c, USNR	8 May	IBM
WELCH, E.J., Sp(I)1c, USNR	8 May	IBM
CERHOLD, F.A., Ylc, USNR	8 May	GI
FLYNN, R.C., Sp(I)3c, USNR	8 May	IBM
WORMER, C.A., Sp(I)3c, USNR	8 May	IBM

14. The following personnel have been transferred from
FRUMEL:

NAME

DATE

DUTY

OFFICERS

Lt.(jg) S.W.Harris, USNR

19 April

Advanced HQ, Com
SeventhFlt

Ens. R.W. Brasher, USNR

19 April

"

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20 May, 1944.

Subject: News Memorandum for period 16 April - 16 May, 1944.

<u>NAME</u>	<u>DATE</u>	<u>DUTY</u>
<u>ENLISTED MEN</u>		
JONES, Mack Donald, CY(PA),USN	26 April	Washington
OTTE, Edward (n), CRM(AA),USN	26 April	Bainbridge
HACKER, R.N., RM2c, USNR	26 April	
ROSSITER, H.A., Y2c, USNR	12 May	U. Naval Base Hospital #10 Navy 135
WARBRITTON, W.D., Y2c, USNR	13 May	"

15. Lieut.(jg) Harris and Ensign Brasher were assigned to the coderoom just in time to be extracted therefrom for duty in the north. Spencer has returned to duty, but is still having reducing-valve trouble and must be considered a probable potential loss. Both CRM Simmons and RM2c Davis have been sent to Milne Bay, New Guinea, for instruction in ECM maintenance.

16. Gilley, RTlc, the [redacted] from Honolulu, appears not to have been administered the C.I. oath by any other activity. We have given it to him.

II - OPERATION AND PLANNING

(A) Op-20-C1 Items.

17. The arrival of Gilley, RTlc, shortly after our decision to keep the [redacted] in hibernation, changed the picture. He was able to convince us that the [redacted] are not as formidable as they appear from the outsides of the boxes and so, in order that we might derive benefit from his temporary presence, we brought one of the machines into the building and put it into operation. The other will be brought in in a few days for a check by Gilley.

18. We know of some I.B.M. machinery enroute but it is not clear whether all of the machinery increase requested in our serial 333 of 8 December is to be furnished. Are we going to get it?

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Subject: News Memorandum for period 16 April - 16 May, 1944.

(B) Research.

19. See paragraph 17 above, if applicable.

(C) Intercept and D/F.

20. The teletype link with Cooktown has been completed and Cooktown is now trying out possibilities with a view to determining most advantageous coverage arrangements. They should commence feeding traffic to us in a few days.

21. While in Brisbane the OinC procured positive action on the D/F project, and persuaded the necessary parties (without much effort, by the way) to change the location from "Western New Britain" to Admiralties, North coast of Manus. He was also able to convince the responsible authorities that the entire outfit -- men, effects, DT and all -- constitute a moderate load for one Douglas DC-3. (This was a bit difficult, because no one up north had ever heard of a DT. In the minds of the Fleet communicats the DAB typified the HF D/F field). Consequently the entire party is to leave Melbourne on 19 May in an Army troop carrier which will fly them to Lorengau (with one overnight stop in Erisbane). Radio Electrician Royer is being sent to supervise initial stages. Chief Radioman Jackson, of Exmouth Gulf fame, will remain in charge after R.E. Royer's return to Melbourne. They have instructions to seek a suitable site for a DAB. If they find one, FRUMEL's spare DAB can eventually go in at Seeadler, releasing the DT for duty farther north and west. The newly received DT (see paragraph 12) is destined for Hollandia and will be sent there as soon as a crew can be got ready. This outfit should eventually move to Manokwari or thereabouts.

22. RE Royer and CRM Jackson have orders to get into the mid-Pacific net as soon as practicable after set-up, orientation and test. They will do their own flash listening but will depend on the local communication facilities for flash response until receipt of their own TDH. As soon as they give us their geographical position, we shall notify net control and, at the same time, ask that the CSP 942 group for "Western New Britain" be reassigned to "Manus". This news letter will probably beat the despatch to Honolulu, but possibly not.

23. Apparently Australia and New Zealand bearings are reaching Washington without classifications. This must be ascribed to an extraction enroute, because the bearings are definitely leaving this part of the world with accuracy classifications intact.

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C O P Y

~~TOP SECRET~~

Subject: News Memorandum for period 16 April - 16 May 1944.

24. Lt.(jg) Katzenberger was sent to Adelaide River in March. In April, Lt.(jg) Goodwin was ordered to turn over the station to Lt.(jg) Katzenberger and proceed to Melbourne on temporary duty. The idea of this was to give Oinc FRUDET AR a blow in the temperate zone. He now proclaims himself weary of the fleshpots of the metropolis and anxious to return to his country estate. This is splendid, because that is just where he's going to go, next week, with suitable delay to permit a flying trip to Perth. Lt.(jg) Katzenberger will remain at Adelaide River as Assistant Oinc until needed for some other billet (Cooktown, perhaps, if RE Burnett decides that he wants to go home).

25. Op-20-CR's memorandum of 28 April, 1944 which covers a shipment of D/F tracking charts states that another shipment of 150 charts will, unless word to the contrary is received, be forwarded on 1 August. Here is word to the contrary: we shall not need another batch of these charts until 1 December.

(D) Analysis.

26. FRUMEL will be quite content to see the end of the "Indices of Degarbs".

27. New Zealand's [redacted] job has dropped out from under him with the decline of that system, and he has yelled for something to do. RNLM has suggested [redacted], and so we are going to start him on that system at scratch with the [redacted] on 1 June.

28. Refer GTP News Letter N-2, paragraph 6. FRUMEL wants copies not only of GTP news letters but of anything else which is in any way descriptive of what cooks in GTP and in any other part of the organization. Keep Two Carbons in Every Memo Pad.

(E) Translation.

29. Nothing.

(F) Intelligence.

30. See paragraph 9. The collating, carding and digesting part of the COMB-readers in Brisbane are F.I.O. officers and men, not of the C.I. Organization. They correspond almost exactly to the C.I.C. at FRUPAC, the difference lying in the fact that the latter is apparently an entity in its own right under the Cinc while this outfit works for the F.I.O.

(G) I.B.M.

31. See paragraph 18 above.

/s/ E.S.L. Goodwin

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U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

13/10
Wkly
~~TOP SECRET~~

News

27 June, 1944. *morena*

A2-11(15)

Serial 097

~~TOP SECRET~~

5750

From: The Officer in Charge.
To: The Assistant Director of Naval Communications (Op-20-G)
Subject: News Memorandum for period 16 May - 26 June, 1944.

I - ADMINISTRATION

(A) 20-G Items.

1. News Memo late.. AOINC enroute east 4 June. OINC all alone. Much business. No time. Sorrow.
2. Commander Holtwick on 17th suddenly, unexpectedly. Leaves 26th. Visit welcome, valuable. He and Commander Lietwiler arrive Washington nearly together and will be found to sing harmonious duet on practically every subject, particularly future of outfit. If OINC were there it would be trio.
3. OINC FRUPAC worry about Brisbane submariners' knowing results from ULTRA sources most understandable and appreciate point. FRUMEL has always given this dope to FIO who passes it to CTF72 (Brisbane). Brisbaners have always in past been in danger falling on backs of heads in matter confining ULTRA to few necessary including skippers. We have never caught them being insecure and think them quite safe. Also info about results most valuable aid morale. Think desirable continue present policy but open argument.

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B
km
(B) Maintenance and Security.

4. Monterey II frame half-built, many window frames in place. Estimate occupy August.

(C) Correspondence.

5. Note FRUPAC getting Navy Department Bulletins from MV direct airmail. Could we get also?

60
S X
GC
(D) Communications.

6. All communication between Washington and FRUMEL (except small amount Imperial to Flinders, fox) now being handled by Army. Service

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~~TOP SECRET~~

~~TOP SECRET~~

now excellent.

360
GX
GC
7. All preparations for taking control of VIY going ahead. Will take control two weeks after receipt of 25 radio-men now enroute.

Melbourne to H

8. TBC installation projects all now finally cancelled. Have asked ComSeventh to make necessary official requests to install TDU and TDH, and now awaiting his action. Possible that Amalgamated Wireless may do this for us at one of their transmitting stations.

X
C
9. Return from duty with ComSeventh of Ensigns Brasher and Wendland has eased code-room situation. Ens. Wendland was returned instead of Lt. (jg) Harris in accordance with agreement between FIO and OINC in view of desires of individuals concerned. On other side of ledger is transfer Lt. Wolf to Sydney Hospital for probable 6 weeks' stay. Return of CRM Simmons and RM2c Davis from ECM maintenance course in New Guinea was timely, because Y2c Spencer now has to return to hospital because of his hypertension condition. CRM Simmons off again on 25th for teletype maintenance course but Davis can hold ECMs together until his return. Four ECMs and associated material received from the ex-SOPAC COMB unit on 23rd.

(E) Equipment.

10. The following equipment and supplies have been received:

<u>ITEM</u>	<u>QUANTITY</u>	<u>FROM</u>	<u>DATE</u>
CRYSTALS, for TBC-4 transmitter E/L 3586831	24	Washington	6 June
MACHINERY (IBM NC4) E/L 7341	1	LEFT	13 June
DITTO MACHINE B/L 5034292	3	Washington	12 June
DITTO ROLLS - B/L 5024393	13	Washington	8 June
DITTO CARBON PAPER	1000 sheets	"	8 June
TAPE PULLERS AND TAPE BRIDGES	7	New York	10 June
CAPACITORS, .001 Mfd. Type 9- 12010 CD	50	Unknown	16 June

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<u>ITEM</u>	<u>QUANTITY</u>	<u>FROM</u>	<u>DATE</u>
FILM, process panchromatic, 31/4" by 41/2"	18pkgs.	Washington	2 June
FILM, (no name) positive (100 ft. per roll)	150 rolls	Washington	2 June
RECORDAK RECEIVING SPOOLS	190	Unknown	29 May
TRANSFORMER, 220/110 volt, 3 KVA (no instruction books)	1	NYD Phila.	25 May
CRYSTALS for TBC Transmitter	28	Washington	26 May
SPARES, for keyers, Model XTR-442	6 sets	NYD Boston	23 May
IBM PARTS (FRUMEL to TUNE 170125 April)	Misc.	Washington	27 May
IBM PARTS (FRUMEL to Wash. 020450 May)	Misc.	Washington	27 May
<u>(F) Morale and Training.</u>			

11. The following personnel have reported and have been assigned to duty as indicated:

<u>NAME</u>	<u>DATE</u>	<u>DUTY</u>
<u>OFFICERS</u>		
Commander J. S. Holtwick, USN	17 June	Temporary
Lieutenant Richard J. Kane, USNR	29 May	IBM
<u>MEN</u>		
THORSEN, Robert Roy, RM3c, V-6 *	20 May	Moorabbin
WOODRUFF, John Franklin, RM3c, USN *	20 May	Moorabbin
WESTERMAN, Harry Hamilton, Y2c, V-4	22 May	Communications (Brisbane-Monterey T/T)
EVANS, Franklin Lindsly, Y2c, V-6	" May	"
ORNELLES, Edward Louis, W 2c, V-6	" May	"
KELLER, Richard Russell,		

~~TOP SECRET~~

<u>NAME</u>	<u>MEN</u>	<u>DATE</u>	<u>DUTY</u>
LANIER, Andrew L., Jr., Ylc, V-6		22 May	Brisbane-Monterey T/T
		" "	"
BALSINGER, Hugh Conrad, S2c, V-6		" "	"
KRULL, Norman Henry, Ylc, V-6		" "	"
DUNN, Daniel Neil, RM3c, V-6 #		27 May	Moorabbin
FIELD, James Kenneth, RM3c, V-2		"	"
PATTERSON, Clayton Sherman, RM3c, V-6#		27 May	"
DUKE, Carson Raymond, SC2c, V-6		13 May	Cooktown
TUCKER, William Clarence, RM3c, V-6		"	"

* Transferred permanently (temporary duty status ended.)
From "Counter-Measures" organization.

12. The following personnel have been transferred from FRUMEL:

<u>NAME</u>	<u>OFFICERS</u>	<u>DATE</u>	<u>DUTY</u>
Commander J. S. Holtwick, USN		26 June	Washington & FRUPAC Temporary additional duty
Comdr. John M. Lietwiler, USN		4 June	"
Lt. Ralph E. Cook, C-V(S)		18 June	"
Lt. John Richard Wolf, C-V(S)		15 June	Hospital - Sydney
RE Frank Putnam Hadley, C-V(G)		14 June	Bainbridge Island
	<u>MEN</u>		
MANDEL, Jacob (n), CRM(AA) V-3		2 June	Hospital - Sydney
SMITH, William Solol, MMlc, USN		12 June	To U.S. for assignment to new construction.
SPENCER, Carl Richard, Y2c, V-4		26 June	Hospital - Sydney

13. See paragraphs 7 and 9, above.

14. Regret we did not know in time about having Gilley report FRUPAC. Hope FRUPAC was able to catch him enroute.

~~TOP SECRET~~

~~TOP SECRET~~

II OPERATION AND PLANNING

15. The story of the Biak captures is not at all clear. Here is what we have gathered to date. Apparently the various items were taken on 8 June. At about 1100 on the 19th, [redacted] and [redacted] suddenly appeared at Central Bureau. CB sent them at once to the FIO who sent them to us immediately by hand of one of his chief assistants in a special plane. The swag reached Monterey at about 2100 and was rushed to Moerabbin for photographing. Two rolls of the [redacted] were ready by 0800, and the FIO's assistant and special plane were utilized on their return trip to get these as far as Brisbane enroute Washington and FRUPAC. Pictures of [redacted] followed in due course and a copy of each was sent to Anderson also. At the time we thought that this was all. But on the 23rd we received a photographic print each of [redacted] and [redacted] plus the negative of the former loaned by Central Bureau. We made prints of the [redacted] overnight and got them off the following day. The negative of the [redacted] has been promised but has not yet arrived. One supposes that more may trickle in later. Our diagnosis is----souvenir-hunters.

(B) Research.

16. See paragraph 14 above.

(C) Intercept and D/F.

17. The DT at Lorengau is finally in action. According to RE Royer's last communication there must be a D/F men's convention being held at Seeadler Harbour. He found there a Chief Radio Technician with two DABs and orders from COMSOPAC to install and operate one for the "MIDPAC net" and the other for the "SOWESPAC net". We assume that these are for own aviation use and that the nets mentioned are aviation navigational nets. Can FRUPAC shed light? If one of these is for the mid-Pac strategic net, then we would appreciate word to that effect so that we could plan on pulling out the DT and crew and utilizing them elsewhere (as soon as the DAB is installed and responding). If FRUPAC has all the pertinent information at hand, may we have it by despatch?

18. As soon as Com Seventh approves the necessary orders Lt. (jg) Katzenberger will proceed to Cooktown to relieve Chief Radio Electrician (just made it) Burnett so that the latter can go home when his orders arrive.

~~TOP SECRET~~

~~TOP SECRET~~

19. Commander Cross mentioned certain reports of equipment and material which are supposed to be made in accordance with provisions of one of the RIPs. We think that he said "RIP 45". We have no copy of this RIP or of any which prescribes such reports to Op-20-G. Will Washington see to it that the appropriate publication is issued to us?

*Phil is checking on distribution list and will be sure
Frumel gets copy of new RIP-45 (A)*

(D) Analysis.

20. GY(P) Memo of 20 May. Please continue to send peeps and anything else of the kind. The George peep appears to be excellent.

21. Paragraph 35 of Negat's News Memo for 15 May. FRUMEL would like to have two copies of abstract of patterns.

(E) Translation.

22. Most excellent GZ handbooks would be even more so if

- (a) -Changes more frequently and in form of new pages.
- (b) Changes airmailed.
- (c) Changes mailed regularly (same day each week, say).

Reason-- so that we can get better coordination between our own corrections and Washington's.

(F) Intelligence.

23. Following paragraphs describe local GI local GI rig as requested.

24. "GI" at FRUMEL is manned by the following 6 officers and 7 enlisted men.

<u>NAME</u>	<u>RANK OR RATE</u>	<u>*Date of Leaving U.S.</u> <u>**Date of Reporting</u>
J. S. Lehman	Lt. Comdr. USN	28 March 1943. *
L. R. Schulz	Lt. Comdr. USN	6 Nov. 1943*
C.J. K. Hinman	Lt. USNR	28 Aug. 1943*
B. D. Green	Lt. (jg) USN	29 May 1943*
W. A. Morris	Lt. (jg) USN	10 April 1941*
R. McM. Blanchard	Ensign USN	10 Oct. 1940*

~~TOP SECRET~~

~~TOP SECRET~~

<u>NAME</u>	<u>RANK OR RATE</u>	<u>*Date of Leaving U.S.</u> <u>**Date of Reporting</u>
F. B. Gonder	OT PA) USN	5 Nov. 1940*
E. R. Ritter	Y1c USNR	27 Sept. 1943**
E. W. Coverdale	Y1c USNR	15 June 1943**
F. A. Gerhold	Y1c USNR	24 April 1944**
P. R. Hennigan	Y2c USNR	15 June 1943**
/G. C. Pate	Y2c USNR	25 Jan. 1944**
C. W. Blair	Y2c USNR	15 June 1943**

Eight-hour watches are stood by three permanent sections of two officers and two yeomen each. The seventh yeomen works during days only. In peak periods the day and evening watches are lengthened and overlap. The GI watch officer is also the FRUMEL Duty Officer and handles administrative matters during the absence of the OINC and the AOINC.

60 / (G) I.B.M.

34. Lieut. Kane having taken the reins firmly into his capable hands, Lieut. Cook is on his way on the Grand Tour.

E. S. L. GOODWIN

~~TOP SECRET~~

Serial: N 001

TO: Assistant Director of Naval Communications (OP-20-G)
(Copy to FRUPAC)

FROM: Director of Naval Communications, R.A.N. (FRUMEL)

DATE: 19th December, 1944.

Submitted

It is proposed to forward aperiodically a news memorandum of which this is the first of the series.

It is not anticipated that FRUMEL's news memoranda will necessarily be of great importance or interest, but it is considered very desirable that we have a direct channel of communication of this nature with OP-20-G as the controlling authority for communications intelligence in the Pacific.

2. The period since the change from FRUAD to FRUMEL has of necessity been devoted largely to training personnel in those duties previously performed by U.S.N. Shortage of numbers has dictated the elimination of some less important duties, and part-time work on some of the more important duties until such time as we have built up again.

3. G C

(a) FRUMEL Circuits

Anticipate the quick wave-changing modifications to the TDU will be completed this week and that an antenna-exchange will be completed at an early date to permit the TDU to be used on either the _____ or Honolulu rhombics. Otherwise nothing of interest at this stage.

(b) British Pacific Fleet Circuits

but not on the ultra list, _____ who is a communicator on the ultra list but knows no communications, came to see me separately before proceeding to Honolulu where they hope to fix up radio circuits for C-in-C British Pacific Fleet's communications intelligence. (Comment. It seems strange that a communications Officer on the ultra list is not employed for these negotiations. Who knows but we shall have a visit soon from the Chaplain of the Fleet to fix up drydocking.)

Would be glad to know any new or modified Pacific circuits in due course; and what action, if any, is required of FRUMEL or ACNB.

4. G D

(a) Coverage

Outside our unique coverage assignments, the duties of intercept stations in Australia are at present being allocated on a compromise between:-

- (i) those circuits which are most productive of the minor systems traffic we are working on,
- (ii) those circuits which, though not unique, may be better read in Australia under some conditions than elsewhere.

One print of our daily traffic index is being

STA. G-3

50779

5750

094

sorted by circuit numbers and sub-sorted by _____ to assist "1)"

(b) The resumption of "Hourly Coverage Reports" and their transmission by mail or radio will be given a high priority and will begin rolling in.

5.

G I

Reliefs for your GI watch Officers have been selected. They have had experience in general intelligence matters but no previous experience of communications intelligence. It is estimated that after they have been terrorised into security-consciousness and given essential elementary instruction, they will need up to 3 months on the job under supervision. If your Officers can remain for that period we shall be most grateful.

6.

G S

Many thanks for agreeing to act on our behalf in the contract with I.B.M., and to continue to procure associated materiel.

7.

G T

(a) We have received nothing on OTSU MAN and FU between Washington's 052133 December and Honolulu's 180809 December. Have we missed anything?

(b) We are using the procedure given in FRUPAC's 252331 November and are wondering if FRUEF has replied yet to this signal.

(c) We would appreciate comments on our signals when applicable, e.g. our 040724 December.

(d) FRUPAC's serial z-3616 of 10th November, 1944, was of great help to us. Despatches are necessarily brief, and lack of staff here often makes it difficult to keep track of the lines of reasoning in series of despatches.

Suggest detailed letters of the above type be exchanged when OTSU MAN 2 come into force.

8.

G Y

Weather. Commander Goodwin was up to date with the ultra weather proposals of Admiralty and C-in-C British Pacific Fleet when he left.

There have been no further developments except that we told CCCS and COIS East Indies that if the scheme was approved FRUEF would want a total of 32 ratings from them on loan (crypto clerks, teletype operators, etc.) This arises out of the ever-present difficulty of not enough people here. In this respect we have been allocated a further 40 bodies which will help to reduce the shortage provided today's sick list does not become a habit (1 broken leg, 2 severe gastric flu's and 1 mild touch of pregnancy).

9.

GENERAL

We were very sorry to lose Comdr. E.S.L. Goodwin, and very glad to see Comdr. R.J. Fabian again when he passed through on his way from FRUEF. Comdr. Fabian started this

- 3 -

Serial: N 001

bureau off and Comdr. Goodwin took it over just over a year ago, with an interim period of some months by Comdr. Holtwick. To these three we owe any successes this bureau has had, and we wish them all the best luck and success.

Jack. C. Lewman
COMMANDER, R.A.N.

activity

G-3

57412

~~TOP SECRET~~

Serial: N 002

5750

TO Assistant Director of Naval Communications (OP-20-G)
(Copy to PRUPAC)

FROM Director of Naval Communications, R.A.N. (PRUMEL)

DATE 22nd February 1945.

Submitted herewith the second memorandum covering the period from 19th December 1944.

2. G C

(a) Financial adjustments of U.S.N. liabilities for the Melbourne and of the Melbourne-Honolulu circuit have been made with Amalgamated Wireless (A/sia) as follows -

From 23rd October, 1944, when PRUMEL took over the terminal operation of the transmitting and receiving lines, the rental and costs were reduced from £750 per week to £95 per week.

On 31st January, 1945, the Melbourne terminal was transferred to USN receivers at Werribee and TDM transmitter at Sydenham, and the use of A.W.A. facilities was discontinued. Proposed charges by the Postmaster-General's Department for Sydenham facilities have not yet been received.

G3
G6
GC
info

(b) In reply to paragraph 13 of OP-20-G's serial 00594520, of 3rd February, ~~one reason why~~ Colombo was getting Negat-Prupac traffic via Prumel with less delay than traffic originated at Prumel, was that Negat-Prupac traffic was being put straight on to the cable whereas Prumel traffic normally went (or not) by radio.

G3B
quote 1.
Cmndr.
Listwibr

Colombo, however, completed installation of diversity reception on 13th February, and since that time we could not wish for a better station with which to work.

3. G D

The clearance of 7755 kcs at the request of COMSEVENTH for the Adelaide River-Guan circuit was not complied with by the Japs, who continued to use this frequency on circuit 212. Our use of 7755 thus sabotaged Adelaide River's interception efforts.

G1-B
GD-P
info
NLIR

It is suggested that proposed clearances be referred to George before being approved so that interference to Pacific coverage requirements may be minimised.

4. G F

The RAN D/P station at Exmouth Gulf was completely destroyed on 3rd February by a cyclone. All confidential matter was saved intact.

GT-P
GT-A
info

Negotiations are in progress to instal a 4-channel direction finder at Learmonth (near Exmouth Gulf)

097

~~TOP SECRET~~

Serial: N 002

TO Assistant Director of Naval Communications (OP-20-G)
FROM Director of Naval Communications, R. A. N. (FRUMEL)
DATE 22nd February 1945

Submitted herewith the second news memorandum covering the period from 19th December 1944.

2. G_C

Adjustments of U.S.N. liabilities for the Melbourne end of the Melbourne-Honolulu circuit have been made with Amalgamated Wireless (A/sia) as follows -

From 23rd October, 1944, when FRUMEL took over the terminal operation of the transmitting and receiving lines, the rental costs were reduced from £750 per week to £95 per week.

On 31st January, 1945, the Melbourne terminal was transferred to USN receivers at Werribbee and TDH transmitter at Sydenham, and the use of A.W.A. facilities was discontinued. Proposed charges by the Postmaster-General's Department for Sydenham facilities have not yet been received.

(b)

(b) In reply to paragraph 13 of OP-20-G's serial 00594520 of 3rd February, one reason why Colombo was getting Negat-Frupac traffic via Frumel with less delay than traffic originated at Frumel, was that Negat-Frupac traffic was being put straight on to the cable whereas Frumel traffic normally went (or not) by radio.

Colombo, however, completed installation of diversity reception on 13th February, and since that time we could not wish for a better station with which to work.

3. G_D

The clearance of 7755 kcs at the request of COMSEVENTH for the Adelaide River-Guam circuit was not complied with by the Japs, who continued to use this frequency on circuit 212. Our use of 7755 thus sabotaged Adelaide River's interception efforts.

It is suggested that proposed clearances be referred to George before being approved so that interference to Pacific coverage requirements may be minimised.

4. G_F

The RAN D/F station at Exmouth Gulf was completely destroyed on 3rd February by a cyclone. All confidential matter was saved intact.

Negotiations are in progress to instal a 4-channel direction finder at Learmonth (near Exmouth Gulf)

098

(RETYPE FOR PURPOSE OF CLARITY)

5. GI

GI personnel are being relieved by RAM personnel in accordance with estimated schedule.

Comdr Wolcott will be the first of the GI Officers to be relieved. We have our best wishes, and also rather

6. GA

Comdr Wolcott is compiling a lengthy report under this section which will be attached as an appendix if ready in time, otherwise it will be forwarded separately.

7. GS

The elimination of machine work has been offset to some extent by more comprehensive treatment of minor systems work and call systems. At present there are 21 different jobs being run, varying from current production of work sheets to monthly miscellaneous reports.

A recent time study shows that there is a need for one each of machine types 405, 075, and 036 in addition to the equipment previously scheduled to remain at Frumel. Approval to hold this equipment has been requested. The total list of equipment remaining at Frumel, including the above 3 items, will be :-

Quantity	Type	Serial Number
4	036 Printing Punch	036-11012BP
		036-11173BP
		036-11117BP
		036-11172BP
2	075 Sorter	075-11165ED
		075-11307AF
2	405 Printer	405-17312HD
		405-18897AF
1	077 Collator	077-13695BP
1	513 Reproducing Punch	513-13897AF
1	552 Interpreter	552-12564JF
1	NC4 Selective Punch	NC4-12EO

The balance of the equipment on hand, i.e. one type 077 collator and one type 513 reproducing punch, will be shipped to Frupac as soon as possible after 1st March.

Contract negotiations between ACMB and the local office of BTM have progressed as far as possible at this end. The local BTM office is awaiting rental details from their head office in London. In any case the RAN will assume the lease on 1st March, the contract being back-dated if negotiations are not completed by that date.

WRANS operators are being trained in groups as they become available, with a two-week school followed by instruction on watch until they are qualified. It is planned to release six USN operators about 15th March, and three repairmen and one operator soon afterwards.

3.

8. GI

Suggest Washington Directs Fleet Radio Units to send in new standard types of messages (standard headings) as they show up, and Washington promulgates these along with their own for call ident purposes.

It is observed that Empire Bureaux and their branch offices appear to keep to KOO 8 calls, and in general base forces, communication units, guard divisions, ships etc use KOO PU 1 at present. Would this be considered to be a policy, or an indication of incomplete distribution or limitation inherent in KOO PU 1?

9. GY

The weather controversy with British Pacific Fleet and others appears to FRUMEL to have decided in such a way that MANX goes to those to whom it is essential. Since this has always been the ultimate object irrespective of how it was to be achieved, we can offer no criticism provided delays are kept down.

10. GZ

Comdr Bramley returned to FRUMEL on 3rd February from duty with COMSEVENTH - with a commendation ribbon from the Leyte operations. We are glad he is to be with us for at least six months.

Comdr Biard also returned early in February and has since received a bronze star earned in the Philippines. He leaves soon for Washington, for which we are sorry.

Lieut Wheeler, and Lieuts (jg) Newell, Martin, and Erwin have joined and are on the job.

11. British Pacific Fleet

(a) There are at present 3 RI-afloat teams in the British Pacific Fleet, each consisting of -
2 Language Officers (purely vocalists, for R/T work)
9 Intercept Operators

The intercept operators are trained only in hand-copying, and have no knowledge of or training in call types or idcats, or in inference work. Up till last week they had none of the usual and necessary books onboard, hence my serial US1/45 of 20th February.

C.O.I.S. British Pacific Fleet has requested that whilst ships are in Australian waters, one RI team at a time be taken over for instruction and refresher course at 'This will be done.

(b) Although British Pacific Fleet is not included in any Communications Intelligence address, items of intelligence which actually mention or directly concern that fleet are being forwarded from here by Officer messenger to the C-in-C whilst he is in Australia.

These items would otherwise be sent to C-in-C BPF from London and Colombo, and if we forward them from here we save that much extra loading and handling on our (ACNE's) other fixed services.

This has been instituted in anticipation of the concurrence of OP-20-G.

GI-P
info
NLIR

G5
GI-P
info

GZ-P
G2
info

G6
GI-P
info

G5
action
NLIR



12. General (Restricted only)

The sympathy expressed in OP-20-G's serial 00594520 for the situation in Manila has touched us.

We forward further information for those who take a ghoulish delight in unsavory details (which includes all USN Officers previously in charge of FRUMEL).

All RI ratings (WRANS) went down with serious food poisoning.

The small Naval Hospital was almost full and neither of the 2 Nurses could be spared from the danger list.

The Radio Station therefore became a Sick Bay, without nursing staff.

The O-in-C, a Warrant Telegraphist (equivalent Radio Electrician USN) is very efficient. His efficiency is only excelled by his Puritanical outlook and unbending sense of propriety. He is moreover a bachelor.

This Officer send down a flurry of unworthy teletype appeals for permission to shirk his clear but awfully menial duty of acting as deputy Nurse.

He even hinted obliquely at the more obvious things he would be required to do.

His sense of duty eventually triumphed.

Two Nurses arrived by air after 48 hours, and the O-in-C was sent on leave. We gather he spent his leave quietly in a monastery with his eyes shut.

It may be of further interest that later laboratory investigations traced the poisoning to "salmonella infection of a banana flummery" (or vice versa).

The horrors of war.

Jack B. Newman
(JACK. B. NEWMAN)

Commander RAN

*By P. A.
m. E. direction*

G-3

N.003.

57756

5750

~~SECRET~~

TO Assistant Director of Naval Communications (OP-25-G).
From Director of Naval Communications, R.A.N. (FRUMEL).
Date 26th February 1945.
Reference FRUMEL serial N.002.

*all
info*

Forwarded herewith in accordance with paragraph 6 of FRUMEL serial N.002, dated 22nd February, 1945, is the report from Commander Wolcott, U.S.N.R.

2. Where "OINC" occurs in this report, it is intended to refer to "OINC USN section" of FRUMEL.

Jack. B. Lewman
COMMANDER. R.A.N.

~~SECRET~~

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

AEI/thb

24 February, 1945.

ADDENDA TO FRUMEL NEWS LETTER.

all
info

The OINC, FRUMEL, has been so harassed by a myriad of trivia in connection with various activities having "dropped the ball" on numerous projects, that to sit down and sanely indite a news item worth the space has been an impossibility. Here are, however, a few high spots, presented with the hope that the sordid aspects of the overall picture will be an object lesson on how NOT to win wars.

The Morotai D/F project has been abandoned because of lack of equipment and camp facilities, although the necessary DAB and TDH equipments were earmarked and ordered shipped to Morotai early last October. Somebody dropped the ball and the project flopped. One D/F crew (complete with tropical tan) are now orphans — nobody loves them and they have no place to go -----

G3
G5
G6
info

Lorengau D/F station reports that the TDH transmitter ordered shipped to them last June (1944) has never arrived. Curiously enough, they have been using, (on a part time basis) a TDH which arrived about that same time and was installed at the Naval Base, Manus Island. Up until recently, FRUMEL always thought this TDH was installed and being used at the D/F station. ComSerFor is now running down the crass details.-----

An additional land line between Melbourne and Brisbane, requested by despatch last November 17th, (also 1944) is still not installed, due to a maze (not MAZE 96) of red tape and misguided zeal on the part of people who were not cognizant of FRUMEL's needs. Another touchback. Meanwhile, we're howling instead of BARKING.-----

G2
G5
info

A chappie named RORIE, (Flc), purportedly skilled in the intricacies of the internal plumbing of CSP 1515s, left Washington on 22 August (still 1944) enroute to FRUMEL. Exactly three (count 'em, THREE) months later he sailed from the West Coast headed towards koala land. SIX months have now elapsed, and friend RORIE is still among the missing, somewhere up around Guadalcanal, eleven separate despatches to various addressees notwithstanding. We're gradually getting used to this sort of thing by now, after l'affaire LOVELY, who was twelve despatches and six months in arriving at FRUMEL by air. One more despatch should produce RORIE.-----

G3
G5
info

30 RBC receivers were shipped to FRUMEL, in various shipments from time to time during 1943. 26 of them are still unreceived, and a letter dated 7 December, 1944, with another follow up letter dated 29 January, 1945, to ComSerFor (RMO), have both failed thus far to elicit even an answer, to say nothing of the requested information as to the whereabouts of the needed equipment.-----

G3
G5
info

On 28 November, 1944 official URGENT request was made to ComSerFor for two Model 14 reperforators, advising that they could be obtained from the U.S. Army at Melbourne, who were turning in their equipment. On 28 December, one month later, we received a despatch suggesting that official request be made for subject equipment. We gave up.-----

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

SEW/thb

24 February, 1945.

ADDENDA TO FRUMEL NEWS LETTER.

G3
G5
info
Thus far, 28 separate and official communications have been sent and received from FRUMEL regarding 8 TDH transmitters, supposedly in the SWPac radio pool, property of Op-20-G, and assigned to FRUMEL. Only 3 of these have been definitely located so far, 2 of them being at FRUMEL, and 1 at Adelaide River.

G3
G5
info
Cooktown intercept station was disbanded early last October, and the various gear was distributed between Adelaide River and Melbourne. A total of 22 boxes were (supposedly) shipped to Melbourne by NSD at Cairns, of which only 18 were received. The four missing boxes contained, 1 LR-1 Frequency meter and spare gear, — 1 RBG receiver, — 1 Model 15 Teletypewriter and accessories, — and 10 pistols with holsters etc. Tracer proceedings initiated 24 January have so far produced nothing but a suggestion from NSD Cairns that we look for the missing items in Melbourne. (Of course, we had't thoroughly combed the town here before requesting tracer from the other end of the line!) Meanwhile, three important items, badly needed, are probably being used on Guadalcanal or somewhere.

On 28 October (28 appears to be our unlucky number!), 1944, a despatch was sent to ComSerFor requesting a rheostat for our diversity receiver, together with a total of 466 radio tubes, forty five of which were requested as urgently needed (to get the REP going). No answer-blading -- or anything else has been received to date, FOUR months later, on the tubes. The rheostat, was supposedly replaced by some resistors, which were supposedly shipped 23 January supposedly by air, but supposedly have'nt arrived yet, one month later. (OINC is supposedly going crazy!)

all
info
This could go on forever, but ye scribe will terminate this wail with one more crushing item. As a final, devastating, and completely overwhelming last straw, the OINC, FRUMEL, has gained some thirty odd (30!) pounds in weight since arriving at FRUMEL, with the net result that his shirts don't fit, -- coats won't meet, -- trousers won't zip, -- and new clothing is hard to get. Is it any wonder that the world is flat and turned up at the corners? It must be something that was et!

As has probably been noticed by now, it is one of FRUMEL's new policies to make Op-20-G information addressee on all despatches regarding these mixups. This is done at the expense of being both verbose and of adding additional load on communication circuits because it is believed that Op-20-G needs to know more about the conditions and difficulties that beset us at FRUMEL. Furthermore, by keeping Op-20-G advised on such things, they are currently abreast of them and can, when necessary, take suitable action.

711
G2
G5
info
On the credit side of our ledger are several items worth mentioning, the first of which is herewith presented with considerable pride. Honors and decorations have been coming this way practically in bunches lately. CRM Howard Eugene McConnell, USN, received a Presidential Unit Citation recently for his part in the war in the magnificent epic of the USS HOUSTON. All hands were piped and the ribbon was pinned on Mac with appropriate ceremony.

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ESN/thb

24 February, 1945.

ADDENDUM TO FRUMEL NEWS LETTER.

27 Army Distinguished Unit Badges, with Oak Leaf Clusters on most of them, were received last month for FRUMEL personnel, but of this original number only eight recipients are still attached to FRUMEL, the remainder having been transferred elsewhere. This award, as is well known in RI circles, was for activities in connection with the defense of the Philippines, between 7 December, 1941, and 9 April, 1942. The following men received this unusual and impressive appearing badge—

SMITH, M.H., CRM(PA)
BRYAN, E., CRM(PA)
JONES, H.V., CRM(PA)
MAKREVICH, S.J., CRM(AA)
CARNES, G.O., CRM(PA)
GOULD, H.R., CY(T)
JACKSON, C.H., Jr., CRM(PA)
KNOWLES, W.S., CRM(PA)

For some reason, the following officers, who are still at FRUMEL, have not yet received their badges, altho their names are on the list of those to whom the awards were made.

Lieut. R.E. Cook, USNR
Lieut.(jg) Antone Novak, USN
Ch.Mach. J.W. Lowery, Jr., USN

Last week, shortly after Commander J.R. Bromley's return from his last cruise to the Philippines, a letter of commendation, together with a lovely green Commendation ribbon, was received from Vice Admiral Kinkaid for presentation with appropriate ceremony to Commander Bromley. Having in mind that Commander F.R. Biard was very likely to be a recipient of something along similar lines in the near future, as he was on the same operation with Commander Bromley, action was held up on the official presentation to Commander Bromley. Sure enough, yesterday's mail brought a Bronze Star Medal for Commander Biard, accompanied by a citation in glowing terms by Vice Admiral Kinkaid. Congratulations are in line to both Commanders and their crews — there's no doubt but that they earned everything they received. The Medal and Commendation will be formally presented to Commanders Biard and Bromley with appropriate ceremony in the near future.

Item. FRUMEL has gone one better than Op-20-G in the way of utilizing equipment for scrambling operations. In GEORGE's despatch 090025 January, it was stated that 1 Model 19 with typing reperforator, 2 CSP 1515s, with necessary table, were the component parts of one scrambler position. Type 19s being as rare as the KI bird around these diggings, we've taken an odd Model 15, and wired up a T/D head to it, thus replacing the otherwise used Model 19, and saving the 19 for punching operations. Theoretically, the Model 19 is capable of both punching and scrambling simultaneously, but

~~SECRET~~

U.S. SEVENTH FLEET
(FLEET RADIO UNIT)

ELW/thb

24 February, 1945.

ATTACHED TO FRUMEL'S LETTER.

Archimedes' (?) ablutions and subsequent observations relative to certain invariable sequences between specified conditions and specified phenomena, with particular reference to displacement, precludes such use. It takes two persons to punch and scramble, and they can't both use the same chair at the same time.

Item. Adelaide River is getting to be quite a place. The Navy Section Base at Darwin is being abandoned, leaving our supplementary station very much on their own. Situated as they are, some ninety miles inland, that statement means just that. This station, from now on, will be completely self-sustaining. Food must be ordered months ahead — supplies of all kinds must be carefully anticipated and ordered in quantity and far enough in advance of requirements to allow for both slow deliveries and unexpected losses through mis-routing, pilferage, etc. It is hard to visualize to what complete detail planning must be done so that a station so thoroughly isolated as Adelaide River can function without interruption. FRUMEL is backing Lieut. Katzenberger to the hilt up there, and he is doing a bang up job.

Due to this unexpected necessity for self-sustenance, some of our estimates for both personnel and materiel at Adelaide River are being revised. A pharmacist's mate 1st class was recently asked for and has now arrived. We hope he is a capable medico, as there are no other medical facilities nearer than Darwin, 90 miles and several hours away.

Item. Now we know that number 28 is unlucky. Our horse, backed by 30 shillings to win this afternoon, was among those that "also ran". Oh yes, we just found out that his number was 28!

Ernest E. Kalcott
ERNEST E. KALCOTT,
Commander, U.S.N.R.,
Officer in Charge.

also they are the best and most vivid expression yet of FRUMEL's troubles

The squawks in the first two pages are, I bear witness, entirely justified. Suggest that G3 get something off to COM 7th in effort to regain control of our equipment.

- 4 -

Q.G.

G-3

64776
SERIAL N.003

5750

TO: Assistant Director of Naval Communications
(OP-22-G). (Copy to FRUMEL)

FROM: Director of Naval Communications I.N.N.
(FRUMEL)

DATE: 13 April, 1945.

~~TOP SECRET~~

Submitted herewith news memorandum No. 3
covering the period from 22nd February, 1945.

2. GC (a) Traffic

Radio traffic has steadily increased since early March. All BRUSA circuits have shown a substantial increase and the traffic totals during the first two weeks of April exceeded all previous records at this Unit.

Due to GC depletions from FRUMEL to provide for Adelaide River's impending step-up, we had to put the whole section into three watches and to forget about meals till the situation got under control. Further embarrassment was caused by FRUMEL's receiving ability collapsing, and at one stage the bottleneck reached such proportions that there was no alternative but to switch the routing of Colombo traffic via London.

This followed a history of inconsistent performance by Anderson and a regular demand of 12 to 15 reruns which began soon after FRUMEL's last news memorandum.

When the congestion was cleared Anderson appeared to have located the trouble, however, and has since been taking it clean over one full-time and one overflow part-time circuit. The best day's run with Colombo was 71,55% groups OUT and 29,85% groups IN - total 101,40% groups on 17th April.

The highest all-round score was as follows on 18th April, excluding raw material:-

	<u>IN</u>	<u>OUT</u>	<u>TOTAL</u>
Honolulu	24,887	58,65%	83,537
Colombo	12,835	46,05%	60,485
	8,837	36,11%	45,237
Washington (teletype)	12,265		12,265

Grand total 112,174

(Average grand total for 6-11 April was 135,551.)

at FRUMEL and is handling it nicely. } has taken over GC

(b) Material.

For some considerable time it has been strange but true that the T.B.H.'s at Sydenham have been operating the circuit with as good or better results than their big brother the T.B.U. Ever since the T.B.U. was installed its performance has been suspect despite repeated examinations and assurances by the Postmaster-General's experts who did the installation and quick frequency-change modification. As we failed to convince the P.M.G. and he failed to convince us, we had recourse to arranging for

G6
GC
info

G6
G3
info

411

TO: Assistant Director of Naval Communications
(OP-20-G).
(Copy to FRUPAC)

FROM: Director of Naval Communications R.A.N.
(FRUMEL)

DATE: 23rd April, 1945

~~TOP SECRET~~

Submitted herewith news memorandum No. 3
covering the period from 22nd February, 1945.

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Due to GC depletions from FRUMEL to provide for Adelaide River's impending step-up, we had to put the whole section into three watches and to forget about meals till the situation got under control. Further embarrassment was caused by FRUEF's receiving ability collapsing, and at one stage the bottleneck reached such proportions that there was no alternative but to switch the routing of Colombo traffic via London.

This followed a history of inconsistent performance by Anderson and a regular demand of 12 to 15% reruns which began soon after FRUMEL's last news memorandum.

When the congestion was cleared Anderson appeared to have located the trouble, however, and has since been taking it clean over one full-time and one overflow part-time circuit. The best day's run with Colombo was 71,550 groups OUT and 29,850 groups IN - total 101,400 groups on 17th April.

The highest all-round score was as follows on 18th April, excluding raw material:-

	<u>IN</u>	<u>OUT</u>	<u>TOTAL</u>
Honolulu	24,887	58,650	83,537
Colombo	22,835	46,650	69,485
	8,967	36,110	45,067
Washington (teletype)	12,085		12,085

Grand Total			210,174

(Average grand total for 6-17 April was 155,551.)

, has taken over GC
at FRUMEL and is handling it nicely.

(RETYPE FOR PURPOSES OF CLARITY)

(CONTINUED ON NEXT PAGE)

(b) Material.

For some considerable time it has been strange but true that the T.B.H.'s at Sydenham have been operating the circuit with as good or better results than their big brother the T.D.U. Ever since the T.D.U. was installed its performance has been suspect despite repeated examinations and assurances by the Postmaster-General's experts who did the installation and quick frequency-change modification. As we failed to convince the P.M.G. and he failed to convince us, we had recourse to arranging for

complaints being made through other R.A.N. channels requesting the P.M.G. to track down an offending transmitter which was gate-crashing other legitimate circuits. On the evidence provided, the P.M.G. (whose functions include policing assigned frequencies) "surprised" us by tracking down the T.D.U. at Sydenham. A team of Post Office engineers has therefore been detailed to "vet" the T.D.U. thoroughly, and if their academic qualifications mean anything, station recorders may soon require heavier fuses.

At the meantime it would interest us to hear from somebody with T.D.U. experience if these sets are any good anyway?

The bits and pieces for converting one T.D.H. to radioteletype have now arrived by sea, land, air and proxy. It is expected to have this equipment installed about 1st May.

Parts for converting the T.D.U. are not yet to hand and the T.D.H. will therefore be used with station when ready. As stated above, there will be little or no loss in performance thereby.

Whilst on the subject of radioteletype, it appears that when all equipment fetches up at FRUMEL (both permanent and stop-gap) there may be enough left over for an additional receiving circuit here.

Past trials of monitoring Adelaide River's transmissions to Guam have shown a strong signal at Melbourne from a back lobe. It is therefore proposed to use this for FRUMEL to collect raw material from Adelaide River. Such a course would not only eliminate the necessity for depending on the unreliable land-line, but would also save one operation at Adelaide River (i.e. feeding the raw material to Melbourne by land teletypes), and the upkeep of some teletype machines.

The replacement of U.S.N. GC personnel by R.A.N. has started. It should progress smoothly despite some minor oddities. One watch has a supervisor-to-be who talks broad Scottish, radiomen ranging from Deep South to Brooklyn, and a contribution of soprano W.R.A.N.S. Anyway they can all read the same morse!

3. GD Nothing of interest.

4. GF Nil.

5. GI All U.S.N. GI personnel have now left FRUMEL.

The two most bloodthirsty members, Lieuts. Himmann and Baxter Green II, were grateful for GLOUGE's decision to let them move nearer the enemy. When last seen Baxter was headed for Yokosuka with a portable typewriter and a ferocious aspect.

6. GP We seem to be missing some Hypo Peter numbers and feel doubtful if we are receiving all Honolulu's signals.

in Melbourne

G3
NLIR

G3
G6
info

all
info

G2
GI-P
info

GT-P
info

Answered

GB
make
extract
and give
to B.D.
Green, Jr.

Whilst the reason for such gaps may be "dead" numbers, would Honolulu consider serially numbering like

7. GS
No developments.

8. GS
GT is trying to get some line on the 3-kana calls, appearing mostly on Empire Air Circuits, 4607, and 5080 Kcs., which do not conform to the FU 3 table.

As these circuits have been using normal FU 3 calls in addition, it seems as though the nonconformists might be dummies.

9. GZ
Enlisted U.S.N. personnel have left FRUMEL GZ which is now staffed by W.R.A.E.S.

We are still getting some 5 number codes for which we have no use.

Honolulu is requested to discontinue forwarding the Hawaii "TAMUSU."

10. Stations.
(a) In regard to paragraph 6 of George's News Memorandum for 1-15 March, 1945, the call VKQ was allotted to Adelaide River following precedent, rather than an inflexible policy.

Early in the piece U.S.N. fixed radiostations in Australia were given calls on considerations of geography rather than ownership (VHA-VHZ - Australia). This was by arrangement with COMSEVENTH, hence VHPD - Brisbane, VIXZ - Perth, VHAL - Darwin, and VXF - FRUMEL.

Similar calls were assigned to other Allied stations in Australian territory.

It is immaterial to us which is used for Adelaide River and we shall arrange as desired by George.

(b) In the matter of paragraph 11 of George's News Memorandum for 16-31 March, 1945, we are quite happy to settle for 'AA' for Adelaide River. This is the first we have heard of this designator, so do not feel unduly guilty for being out of step up till now.

Propose to continue with [] and 'TM' for [] and Townsville respectively.

11. General.
(a) Visitors to FRUMEL have been:-

R.N. (Director of Naval Intelligence, Admiralty).

Sir Edward Travis, R.C.M.G., C.B.E.
(Director G.C. & C. S.)

Mr. F. H. Hinsley.

(3)

111

Brisbane) also called to make himself known. (S.L.U.)

(6) As reported to George by signal I proceeded to Colombo for R.I. discussions in March. It gave pleasure to see Commander Lietwiler looking well and carrying less weight than when he left Australia. I left 5 rupees with him in due course.

Jack B. Newman
COMMANDER, R.A.M.

G3

~~TOP SECRET~~

TO: Assistant Director of Naval Communications (Op-20-G)
(Copy to FRUPAC)

FROM: Director of Naval Communications R.A.N. (FRUMEL)

Date: 3rd July 1945

~~TOP SECRET~~ 57,50

all
info

Submitted herewith news memorandum No. 4 covering the period from 23rd April 1945.

2. Lieutenant Commander Lafere joined the unit on 21st June. He has fallen for Melbourne Ritter so is obviously the right selection for the job.

Commander Welcott is turning over publications and duties and awaiting transport.

(Left 14 July 2)

3. G2

(a) On 30th April the U.S.N. and R.A.N. Code Room amalgamated.

(b) On 7th May Adelaide River commenced passing raw material over radioteletype to Guam. This was duplicated by FRUMEL over the U.S. Army circuit at Brisbane until 6th June when FRUPAC expressed himself satisfied with the reliability of the Adelaide River-Guam circuit. There is still a small amount of overflow traffic from Adelaide River being passed over the FRUMEL-FRUPAC radioteletype circuit and this will continue until AA diplomas. R.A.N. took over hire of the Adelaide River-Melbourne landwire Teletypes on 1st June.

It is intended to ship one TIE to Adelaide River in order to give them a stand-by transmitter. If the only transmitter they now have failed, the alternative circuit via Melbourne-Honolulu could not handle the necessary volume of traffic, so the matter is one of some urgency.

FM
TW

(c) Melbourne- circuit secured at 1400Z on 10th June.

(d) When the Colombo-Guam radioteletype came into operation the second (overflow) telegraph circuit between Melbourne and Colombo ceased to be a requirement and was secured.

(e) R.A.N. takes over operation of CBP 1515 in mid-July.

(g) Up to date 5 U.S.N. Officers and 35 enlisted men have been released from GC following George's request of 6th March 1945.

A further 1 Officer and 17 enlisted men will become available for transfer on 15th July, 4 Officers and 19 enlisted men about 1st August, and 1 Officer and 8 enlisted men about 15th August. That releases the last of the U.S.N. GC personnel from FRUMEL whose despatches will become signals.

4. G2 (near Darwin)

There has been a long and unfortunate delay in bringing Coonawarra Radio Finger Print unit into operation.

The deadlock arose from no men being available to train as classifiers, and the trained and experienced WRAN classifiers not being permitted to go to Coonawarra. Some question of the Social Danger to WRANS in lonely tropical areas. My contention that rape is impossible without anaesthesia was not accepted - apparently my experience is insufficient or technique all wrong.

The battle is still going on, and if the decision not to employ WRANS is adhered to, it is intended to close down Jambakut D/T and train the crew for RFP.

(near Fremantle)

113

26 JULY 45

G2

G6
info

G3

G2

GT-P
info

G4
NLIR

~~TOP SECRET~~

TO: Assistant Director of Naval Communications (Op-20-G)
(Copy to FRUPAC)

FROM: Director of Naval Communications R.A.N. (FRUMEL)

Date: 1st July 1945

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The battle is still going on, and if the decision not to employ WRANS is adhered to, it is intended to close down Jandakot D/F and train the crew for RFP.

5.

GE

In order to provide a standby for the 513, a consecutive numbering device has been added to the NC4. The counter and cam unit was mounted on a heavy bracket attached to the rear of the base. A small relay gate was installed on the right end to mount the relays added. The standard circuit was changed considerably. Numerous problems were introduced by the fact that the cards are fed from the opposite edge as compared with the 513. It was also found necessary to install punch magnet relays to prevent back circuits. The device has been tested and has operated satisfactorily.

Copies of the circuit are being prepared. These will be forwarded to FRUPAC and NEGAT in the near future, for their information.

It is felt that this change is practical only for a small installation when it is necessary to provide a suitable standby in case of a 513 breakdown.

GO
NLI?

6.

GI

Attached hereto is a list of OTSU FU 1 A3 identifications for which we have received no page numbers.

As we are trying to build an encode it would be appreciated if we could have this information.

GT
action
retain
enclure

7.

General

(a) The morale situation at Manus D/P is stated not to be improving. The men at that activity have been there for 7 to 10 months without leave, and there are no reliefs available here. Their recreational facilities are more or less non-existent and it is suggested their situation be given some consideration.

(b) With the imminent fold-up of the U.S. Naval activities at Darwin, the Adelaide River station will have to become almost entirely self-sufficient. Arrangements have been made with U.S. Army, Brisbane, for procuring canteen supplies.

COMSERFOR 7th Fleet was asked for a Pharmacist's Mate with suitable qualifications, and one was sent but found to be temperamentally and professionally unsuitable. COMSEVENTH has now directed COMSERFOR to furnish a Chief Pharmacist's Mate with all necessary qualifications. Men who require more extensive treatment than can be given locally are flown to Brisbane.

If the U.S. Navy Post Office at Navy 245 closes down, Adelaide River will be left without postal facilities. The procurement of a Navy Mail Clerk for a post office of their own is under consideration.

G2
NLIR

all
info

(c) Visitors to FRUKEL have been:-

Captain Claiborne U.S.N., from 7th Fleet
" , from FRUKEL
BPT Intelligence
" , CBHI (RT)

Captain Huckins U.S.N., who is with us now on passage to
Colombo.

G5
info

(d) FRUKEL WRANS moved into their barracks on 24th June, the barracks having been pronounced "complete and ready" by our Naval Works Director.

all
info

5.

GS

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, BPT Intelligence

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Captain Huckins U.S.N., who is with us now on passage to Colombo.

(d) FRUMEL WRANS moved into their barracks on 24th June, the barracks having been pronounced "complete and ready" by our Naval Works Director.

- 3 -

Those who have done duty at FRUMEL will be interested but not
that the deficiencies included:-

No fire hoses (fun in case of fire)
No window blinds in WRAES sleeping huts (fun for the sentries)
No bath or washbasin plugs (not fun for anybody)
No refrigerating machine in the meat room (oversight)

The barracks are adjacent to the FRUMEL building.

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No window blinds in WRANS sleeping huts (fun for sentries)
No bath or washbasin plugs (not fun for anybody)
No refrigerating machine in the meat room (oversight)

The barracks are adjacent to the FRUMEL building.

(RETYPE FOR PURPOSE OF CLARITY)

~~TOP SECRET ULTRA~~

G

73728

5450

SERIAL NOOS

TO: Assistant Director of Naval Communications

(Op-20-G)

The Director, GCCS

FRUPAC

FRUEP

FROM: Director of Naval Communication, RAN (FRUMEL)

DATE: 24th July, 1945

Submitted herewith is FRUMEL news memorandum to 24th July 1945.

2. In accordance with the request of GCCS, these news memoranda will in future include GCCS and FRUEP in the address.

This is welcomed, since it makes possible the inclusion of matters which FRUMEL may feel would not be proper without the knowledge of GCCS; and also extends a channel of communication which FRUMEL feels has been invaluable amongst Pacific stations.

We would appreciate FRUEP's news letters if they affect us in any way.

3. GC.

Material.

(a) The TDH mentioned in paragraph 3(b) of our serial N 004 has been crated and is about to be shipped to Adelaide River as a stand-by.

(b) The RBP from Werribee is packed for shipment to DUVA 96 as requested in George's message of 16th.

With this reduction of equipment at Werribee, the RAAF have again agreed to take over operation of Naval equipment at that station, thus releasing Lieut. (jg) Evans and crew. Their parting gifts to Werribee appear involuntarily to have been one mattress and a tank full of petrol. However, the truck itself was recovered next day abandoned on the roadside.

(c) In the matter of TDU's, we thank FRUPAC for the detailed and extensive list of modifications he sent us for making a TDU into a law-abiding transmitter. FRUPAC's letter followed closely on the heels of Op-20-G's spirited defence of TDU's caused by para. 2(b) of our newsletter of 23rd April 1945.

We had already thought up some of FRUEP's modifications, and now have high hopes one day of seeing our TDU, (affectionately) known as Harmonica Hebe, forcing her reluctant amps into the aerial in step.

Traffic.

(d) The following may be found useful for distinguishing on sight between tapes used for scrambled, plain-text, or other teletype purposes:-

Treat the flat sides of rolls of tape, prior to use, with

a cloth dampened with ordinary blue black ink. The tape turns out bright green-edged. Red ink also works but to a lesser extent - the colour is not very distinct.

G6
NL1? We find this does not affect the tape's quality or performance, and saves time and source of error.

(Payment of royalties is optional but will be gratefully accepted).

(e) It would be appreciated if messages for FRUMEL from GCCS are always routed via FRUPF when sent by radio. Messages routed via Brisbane, such as GCCS 211720 July, arrive horribly mangled.

(f) We are still keeping our fingers crossed, but after two clear weeks without requests for repeats of Townsville coverage reports, it appears the leak between FRUMEL and NEGAT has been plugged.

G1B
note After the 6th re-run of one particular report which just evaporated into thin air, our teletype crew showed signs of literally becoming "punch"-drunk.

A stop-press item just to hand in the form of George's 232217 July, however, has again filled us with misgivings. Apparently the Block 2 reports which have faithfully been reported are not getting through. Ho-hum.

Personnel.

(g) Our programme of reliefs at FRUMEL is being adhered to, and the last USN personnel engaged in OC operation will be available for release mid-August. We shall be sorry to see them go and they will take with them our best wishes for continued success (especially those who had to contend with "kitchen radio" at Monterey Flats. Remember?)

G2
info (h) The reduction ordered in Australian armed forces to provide manpower to grow food for the forces in the Pacific, is making our manning position look sicker than ever.

For GCCS's information, Op-20-G was forced to ask us to relieve as many USN communications personnel as soon as possible, owing to vastly increased USN commitments. We have done our utmost and have succeeded in releasing those at FRUMEL. For Adelaide River, however, we have not been able to do anything.

For Op-20-G's information, GCCS thought it possible or probable that hands could be provided on the termination of the European war. Until such hands are forthcoming it is not seen how Adelaide River can be taken over, since it is now a physical impossibility to obtain further personnel for the Australian Services.

4. GI.

GI-P
info Request FRUPAC sends us 3 copies of his latest Jap. Fleet Organisation.

5. GO. (Weather)

G4-P
info One Sub-Lieutenant and 1 Leading WREN are on passage

to FRUMEL from FRUEF for N.E.I. It is intended to build this party up with one or more Meteorological Officers and some GY ratings if results justify.

It is observed that soon after the HEA 8 microfilm arrived from FRUPAC, the HEA 8 went out - theoretically at any rate.

It is requested that, so long as it is agreed for FRUMEL to go on doing weather processing, FRUPAC sends us films of captured material without individual requests for each

6. GP.

(a) RFP matches have fallen off slightly in the last month, but the accuracy has improved.

(b) We have found a way of overcoming the difficulty (previously mentioned) of WRANS manning the RFP unit at Coonawarra, and we have not had recourse to mediaeval methods.

Equipment is now being installed.

7. GS.

There is still a number of items of IBM parts outstanding from RAN Order No. 1.

Part of the order was received on 14th May, 1945

George is requested to check and let us know if the balance of the order has been shipped, and if so, how.

8. GW. (Photography)

Our cheeks are still pink from that superbly devastating paragraph 7 of George's news memorandum for 1-15 June 1945.

All we have been doing is viewing specimen strips, and not checking whole films for defects. There has not been time or labour available for a complete check, and the specimens seemed reasonably good.

In an effort to increase the quality of our films, it has been found possible for a supervising brief on this work to be fitted in with Lt. Cook's other duties; and to reorganise handling. By a change in internal routing all copying on the Rekordak is now done by the photo section staff. Films are checked as thoroughly as is possible under the circumstances before mailing, and traffic is held on file for 30 days to permit reruns if required.

However, we have consulted Kodak's experts and run off films of newsprint for their analysis, and they inform us that the development troubles are caused by problems of temperature variations. Investigations are therefore being made into ways and means of fitting temperature controlled tanks. It is noted, however, that temperature control was not used when the photo lab was USN-manned.

The Rekordaks are receiving regular maintenance.

GW
NLI?

In all ways, we are trying every avenue for improving the quality, and would be interested to know if it makes any difference.

9. GY.

(a)

GY
NLI

We are puzzled by the fact that, despite the light volume of traffic at FRUMEL, we seem to recover about as many primary keys as the rest of the world; and that we send off reasonably large blocks and receive mostly scattered figures from other bureaux.

We know we are pretty good, but we can't be as good as that and are wondering what the answer is.

primary keys are fairly well advanced but we have not succeeded so far in making a break into the secondary keys owing to lack of depth.

(b)

Awaiting with interest developments in whose primary keys we are leaving to others. Traffic is keyed and punched ready for the big break.

(c) We have made good progress in the further training of WRANS in GY

GY

By March 1945 when [redacted] became readable in quantity, 4 Leading Writers WRANS (and their watches) took over the handling of current traffic, with a male Officer in each watch to deal with doubtful and bad messages.

In April it was found possible to use the Leading Hands as duty cryptanalysts and release the male Officers entirely for research. After 3 months try-out of this GY and GZ have reported themselves entirely satisfied, so all we need now is more traffic!

10. GZ.

Personnel.

G2
GZ-P
info

(a) For GCCS. As far as is known the expiration of Comdr. Bromley USN's appointment to FRUMEL in August 1945 still stands.

For OP-20-G. We asked GCCS if [redacted] could relieve Comdr. Bromley, as the former was understood to be a volunteer. GCCS informed us he was not available, but another relief was under consideration.

all
info

(b) Romance and soft music have again invaded GZ. Lieut. Nichols, USNR, and [redacted], WRANS, have got engaged and appear thoroughly unrepentent.

GZP
action
NLI

Incidentally, all send their congratulations to Comdr. and Mrs. Mackie on the happy event. We are waiting to hear if she is to be a little WRAN or a little WAVE.

G2
G3
info

11. GENERAL.

(a) Manus D/P changed over to FRUPAC on 16th July, 1945

↑
Lt. Cmdr. LaFore has forwarded service records to FRUPAC by registered mail, and health records and pay accounts remain at CNB Manus.

G3

The material picture is being written up for forwarding to FRUPAC.

(b) Adelaide River has formed a dance band, sufficient funds having been obtained from Canteen profits for the Station musicians.

It is not clear with whom they are going to dance, as it is understood the kangaroos in that area use a step that is difficult to follow.

Any suggestions for a theme song?

(c) Very pleased to see Comdr. Lietwiler, USN, on his way through. His shadow has grown less but he is rectifying that.

He has been our only visitor since last letter.

He takes a blanket greeting to FRUPAC and FRUVASH from FRUMEL.

(d) The dog Jackson, FRUMEL's spare sentry and general pest, failed to return from a routine patrol of the neighbourhood and is now 14 days overdue. He is presumed lost or to have signed a separate peace.

Jack. B. Newman
COMMANDER, RAN.

63

575077

~~TOP SECRET-ULTRA~~

SERIAL 8006

TO: Assistant Director of Naval Communications
(09-20-4)

The Director, GCS
FRUPAC
FRUMF

FROM: Director of Naval Communications, R.N.N., (FRUMEL)

DATE: 2nd September, 1945

Submitted herewith is FRUMEL news memorandum to 2nd September, 1945.

2. The war having ended an interval has been taken to look around, and we discover that FRUMEL is now manned by:-

RAN	USN
RANR	USNR
RANVR	RNVR
WRANS	WRNS
RNZNVR	AIP

We claim our proper title should be FRUSALAD, and if the [redacted] had arrived in time we might have enrolled the Naval Attache and the Fire Brigade and made it a bit more representative.

3. GC.

Traffic.

Up till now (2nd September) the Japanese fold-up has not been reflected in traffic totals on our circuits. A small proportion of "Visocracker" traffic has been transmitted, but almost normal loading is being maintained, both in bona-fide and raw material circuits, without employing dummies. Up-grading in precedences has constituted about all the manipulation necessary.

Material.

Two days after V-P, the missing spare parts, modification kits, and other technical accessories, totalling 39 boxes, arrived in Melbourne - the result of many signals (despatches), despatches (signals), long delays, and some duplicate consignments. The Japs were wise to surrender just in time.

Modification of the TDU to R.N.N. is not being carried out for obvious reasons at this stage.

4. GP

On the outbreak of peace the draft of R.F.P. WRANS to Coonawarra was cancelled, which was a matter of some regret to us since the layout of serials and buildings was all we had asked for, and we expected good results.

125

15 SEPT 1945

all info

G6
GC
GW

G3
G6

all info

SERIAL N006

TO: Assistant Director of Naval Communications
(Op-20-G)

The Director, GCCS
FRUPAC
FRUEF

FROM: Director of Naval Communications, R.A.N., (FRUMEL)

DATE: 2nd September, 1945

Submitted herewith is FRUMEL news memorandum
to 2nd September, 1945.

2. The war having ended an interval has been
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now manned by:-

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RANR	USNR
RANVR	RNVR
WRANS	WRNS
RNZNVR	AIF

We claim our proper title should be FRUSALAD, and if the
had arrived intime we might have enrolled the
Naval Attache and the Fire Brigade and made it a
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(despatches), despatches (signals), long delays, and some
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just in time.

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carried out for obvious reasons at this stage.

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regret to us since the layout of aerials and building was all
we had asked for, and we expected good results.

(RETYPE FOR PURPOSE OF CLARITY)

all,
G4
info

Referring to paragraph 18 of OP-20-G's news memorandum of 15th August, we are sorry we cannot now disclose the nature of the 'device.' It goes back into the cupboard of war secrets alongside the atomic bomb, but, as in the case of the atomic bomb, a hint can be given as to its nature. It was rather a cunning arrangement of an irreversible zipper and a mouse trap. The inventor was recommended for the order of the rising sun but on second thoughts this was seen to be inappropriate.

5. GS.

The war is over.

6. GD and GJ.

The war is over but the peace still unrattified.

7. GZ

A study of our translators gives us a suspicion that the Japs might have done as well if they had used plain language all the time.

8. GO.

Dilli, Kendari, and Bima were still using HE A 8 up to the change to plain language and the general fold up.

The remaining erstwhile are now plain language, which gives them a dull and uninteresting appearance.

9. GY.

(a) We were surprised by the bouquet in Op-20-G's memorandum of 15th August, and now feel we must look as though we were fishing for it, which was not the case.

(b) The introduction of more code channels on 15th August seemed to give the Japs even greater scope for compromising their systems. The use of A T 8 code book with , together with the necessity for repeating in for authorities not holding and gave a break which should be useful for study on . The use of retransmissions has enabled us to break into the cipher, and although the matter is now rather of academic interest, it has helped us to improve our technique.

Once the cipher is complete we shall tackle the A HA 1 traffic (with TE MA MU) if we are still in operation.

The amount of traffic here in the new system since 15th August has been:-

- 34
- 5
- 9
- 7
- 345
- 11.

Referring to paragraph 18 of OP-20-G's news memorandum of 15th August, we are sorry we cannot now disclose the nature of the 'device.' It goes back into the cupboard of war secrets alongside the atomic bomb, but, as in the case of the atomic bomb, a hint can be given as to its nature. It was rather a cunning arrangement of an irreversible zipper and a mouse trap. The inventor was recommended for the order of the rising sun but on second thoughts this was seen to be inappropriate.

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- 5
- 9
- 7
- 345
- 11.

(RETYPE FOR PURPOSE OF CLARITY)

↑
If only the war had not ended so suddenly,
it would have been interesting to see if the Japs
took more than a month to compromise the whole works
in every code sector!

all
info

10. The dog Jackson has returned spelling vilely
of garbage tins.

Jack H. Harman
COLONEL, R.A.F.

- 3 -

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in every code sector!

10. The dog Jackson has returned smelling vilely
of garbage tins.

s/ Jack B. Newman

COMMANDER, R.A.N.

(RETYPE FOR PURPOSE OF CLARITY)

PHOTOGRAPHIC REMINISCENCES

OF

FLEET RADIO UNIT, MELBOURNE

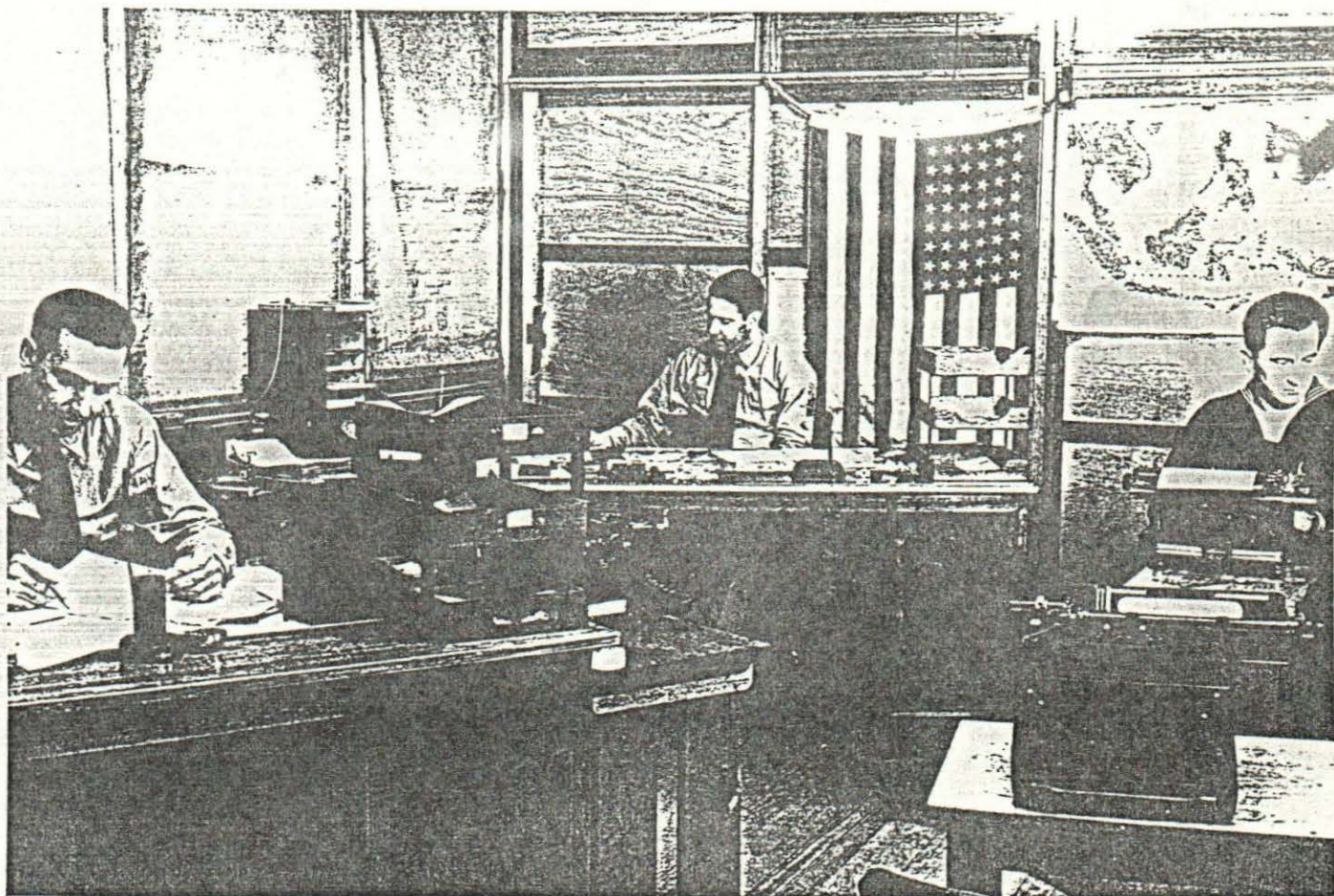
N.B.:

The exact dates of these photographs is not known, but they were probably taken circa 1943-1944



CDR NEWMAN'S OFFICE

CDR Jack B. Newman RAN



COMMANDER LAFORE'S OFFICE

Lt R. Kynoch USNR
Executive Officer

Cdr R. W. Lafore USNR

Yeoman 1c Martin USN



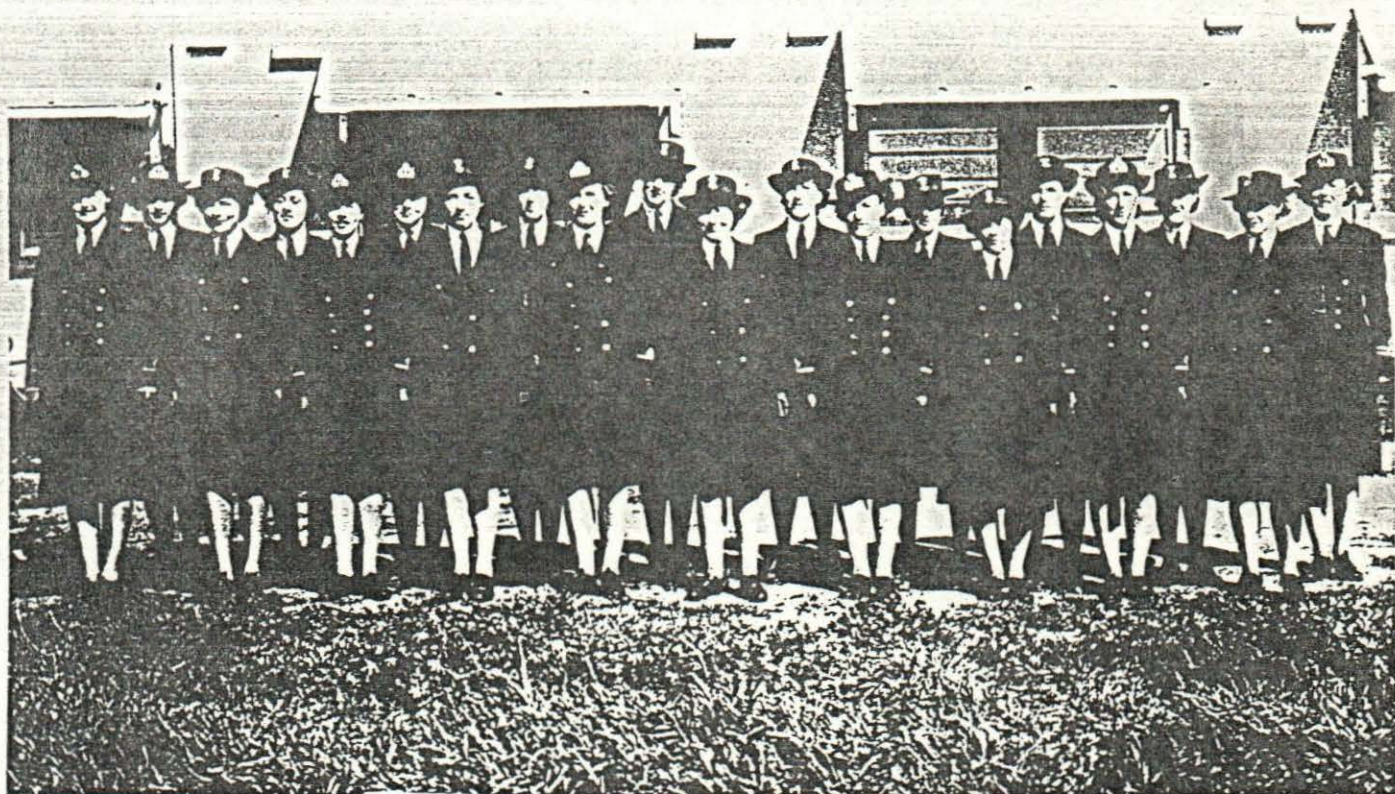
FRUMEL OFFICERS



W.R.A.N.S. OFFICERS



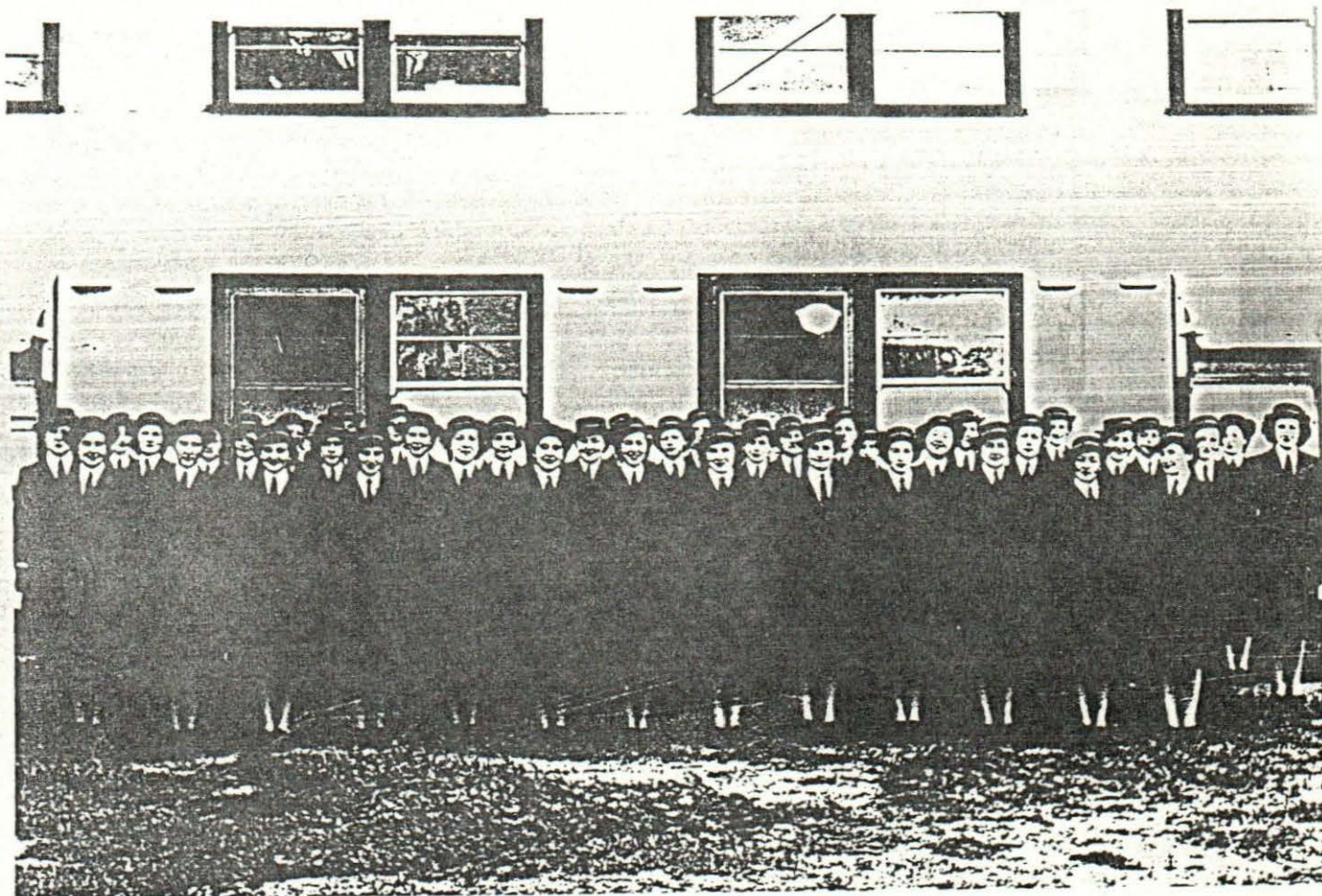
W.R.A.N.S. PETTY OFFICERS



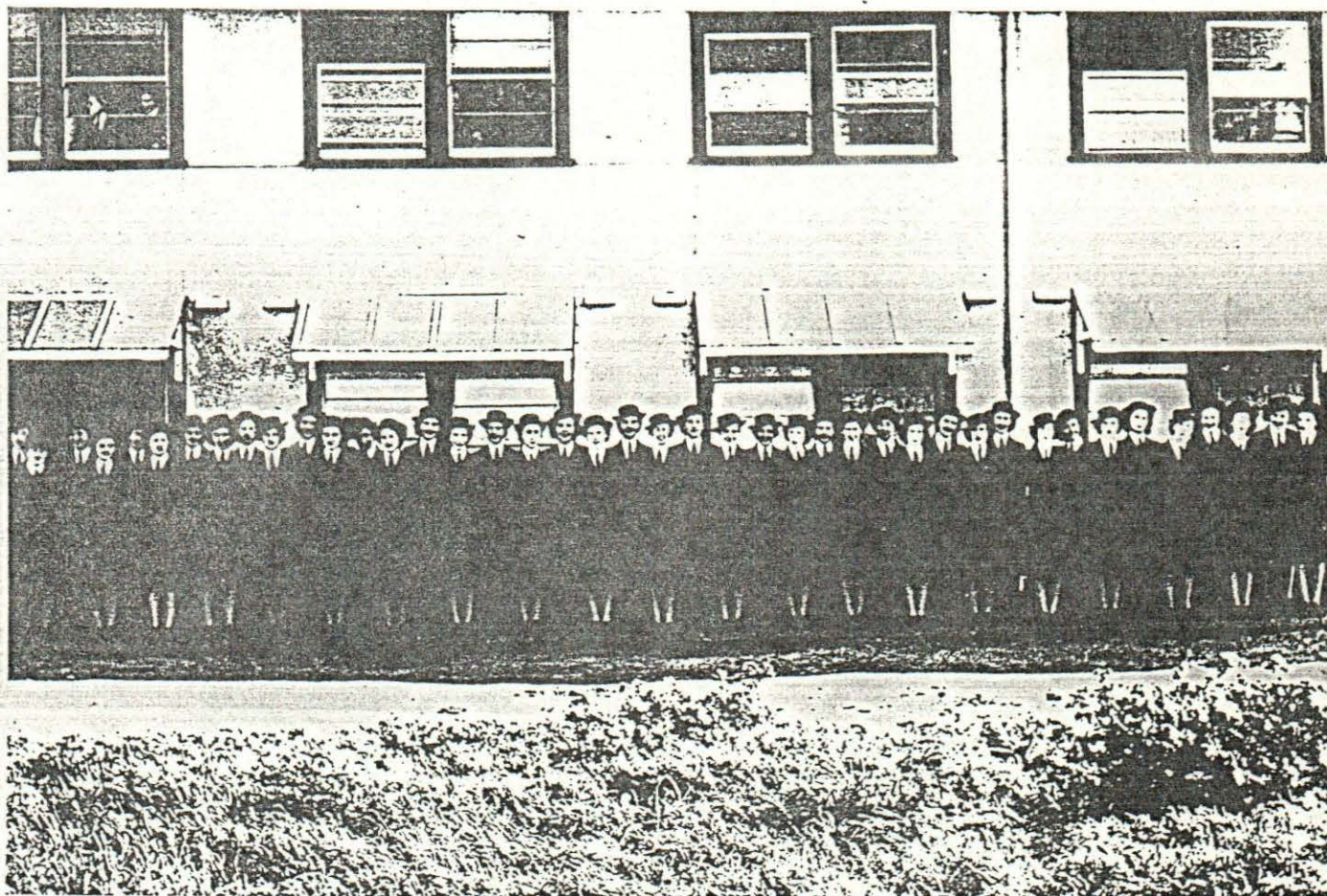
W.R.A.N.S. OFFICERS AND PETTY OFFICERS



W.R.A.N.S DAYMEN



W.R.A.N.S. WATCH P1



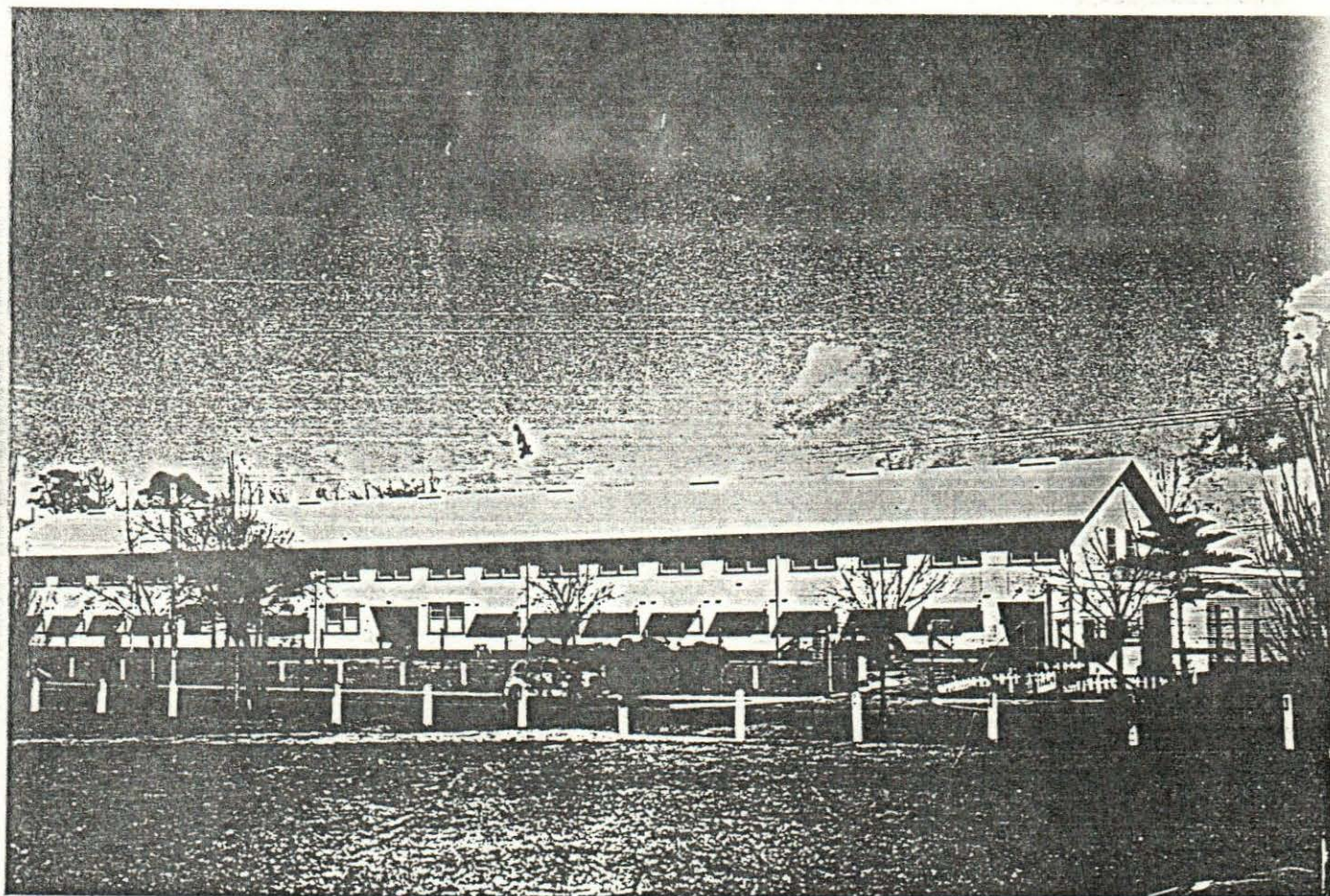
W.R.A.N.S. WATCH P2



W.R.A.N.S. WATCH S1



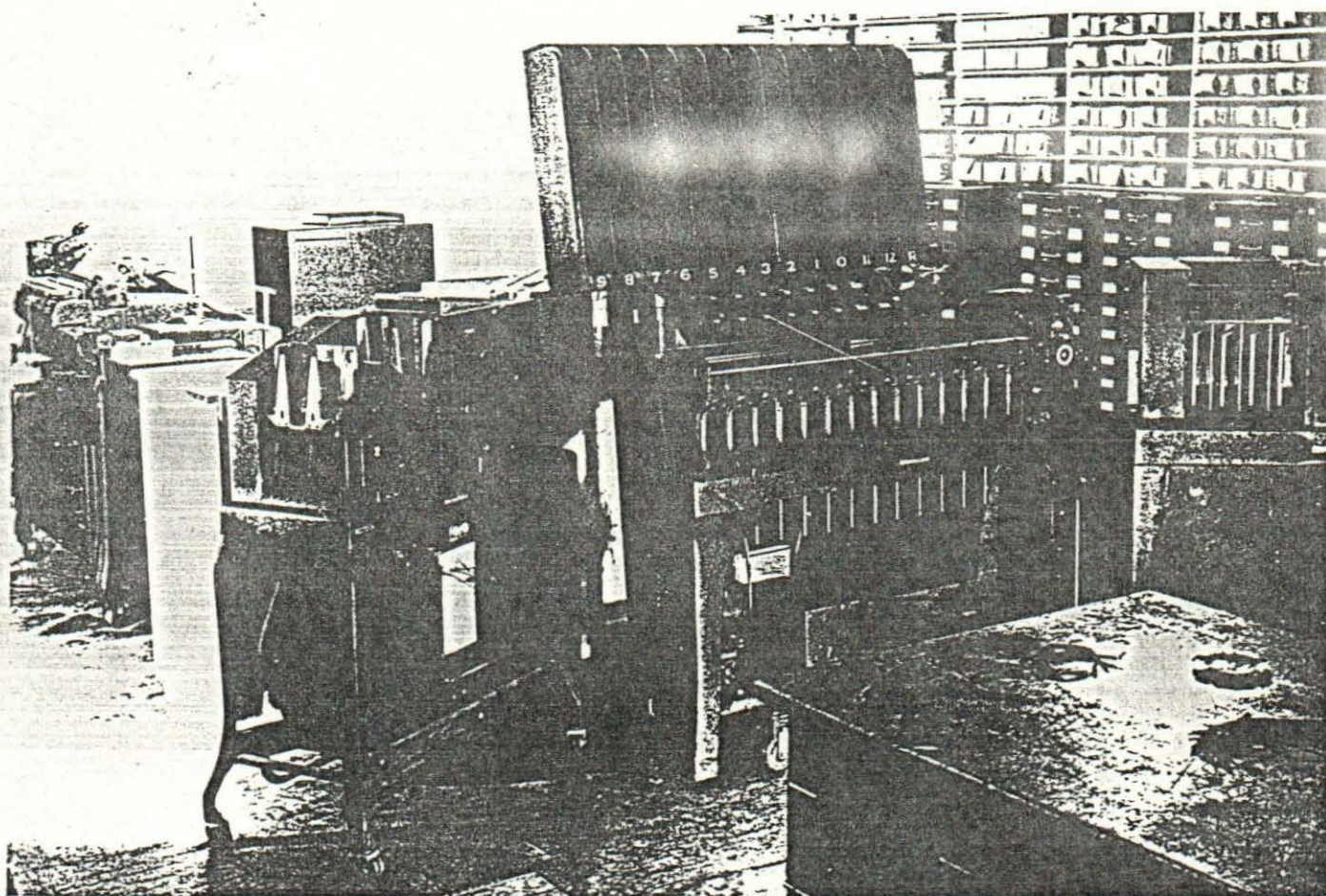
W.R.A.N.S. WATCH S2



MONTEREY 11



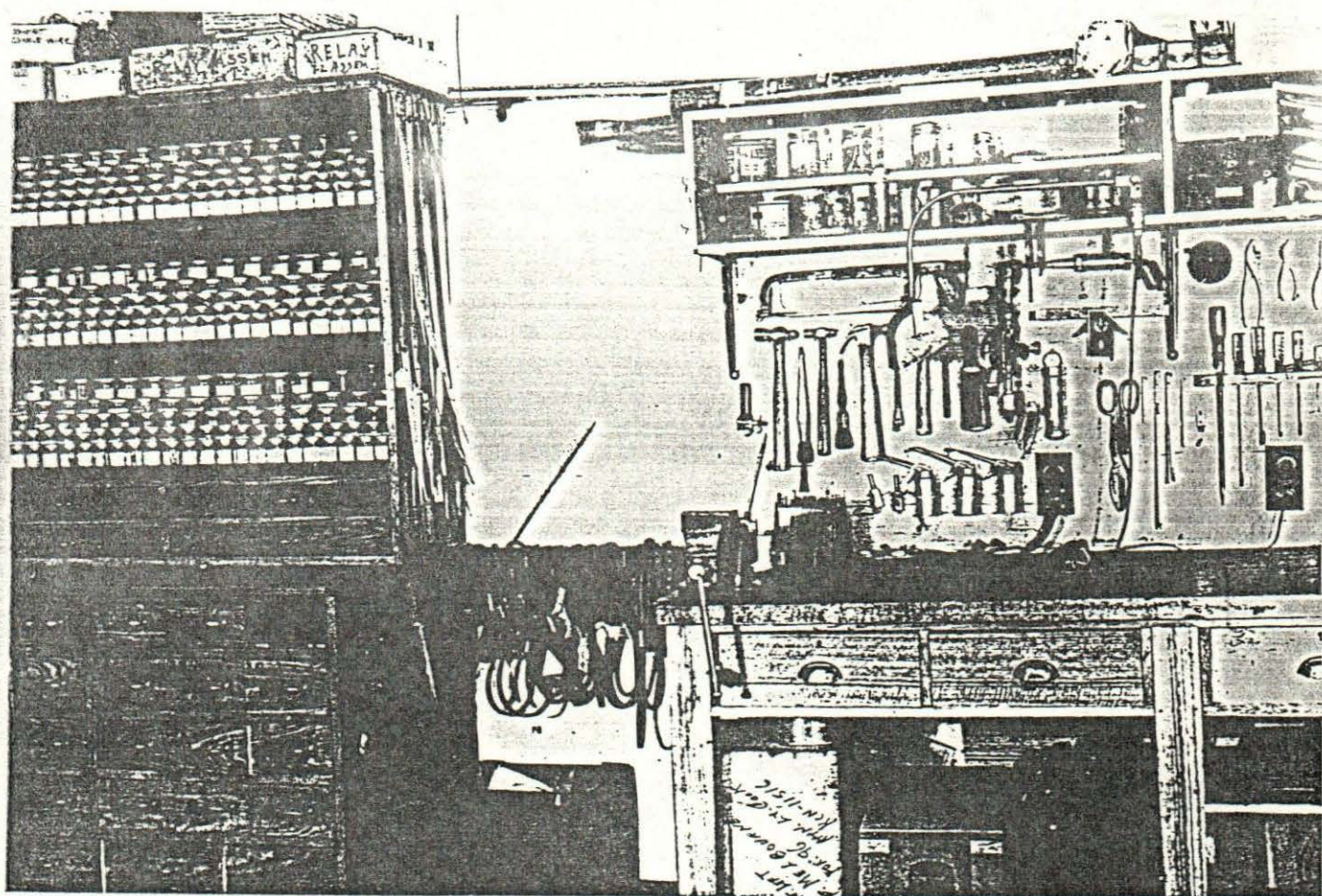
G. I.



G. S. MACHINE ROOM



G. S. PUNCH ROOM



G. S. REPAIR ROOM



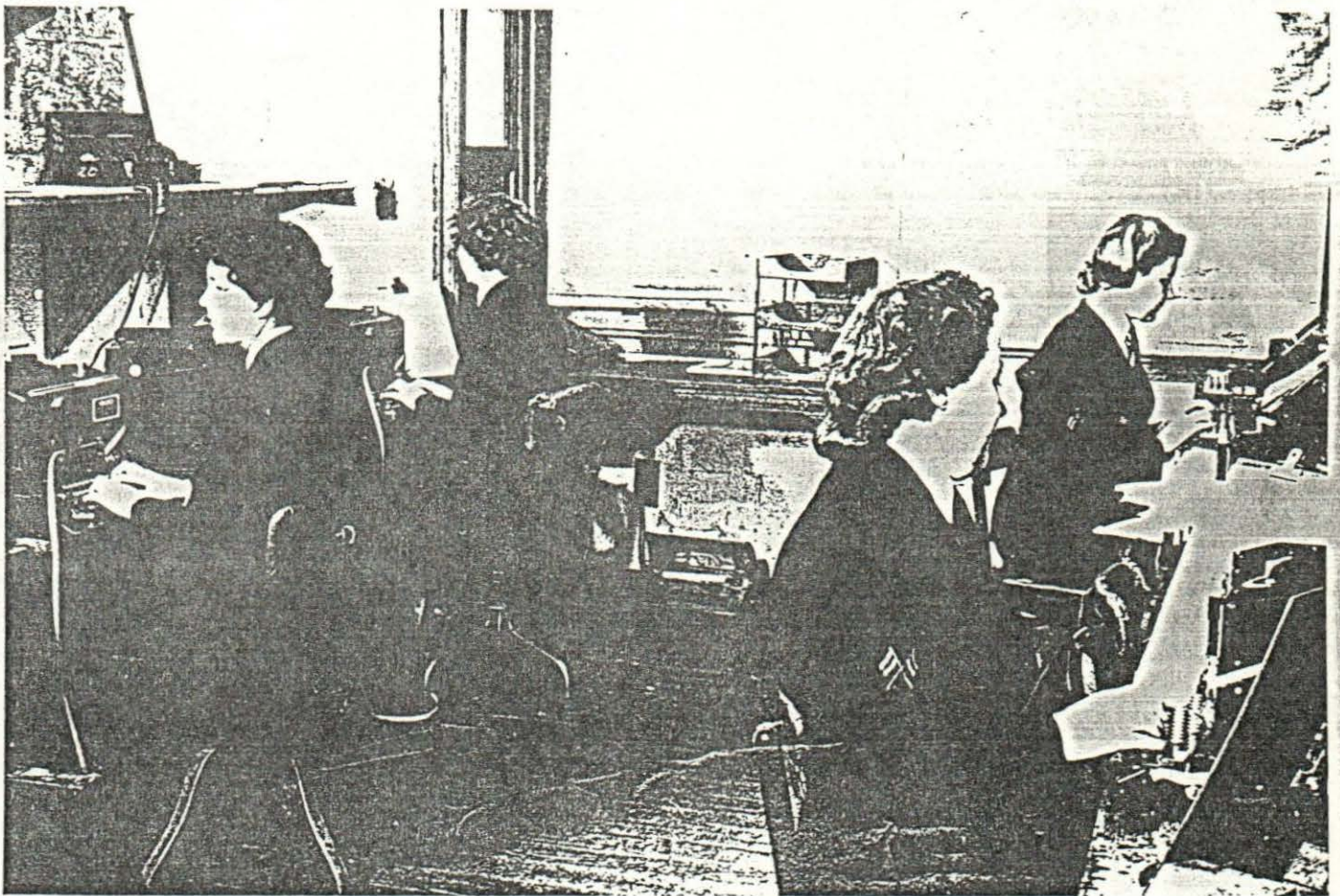
G. T.



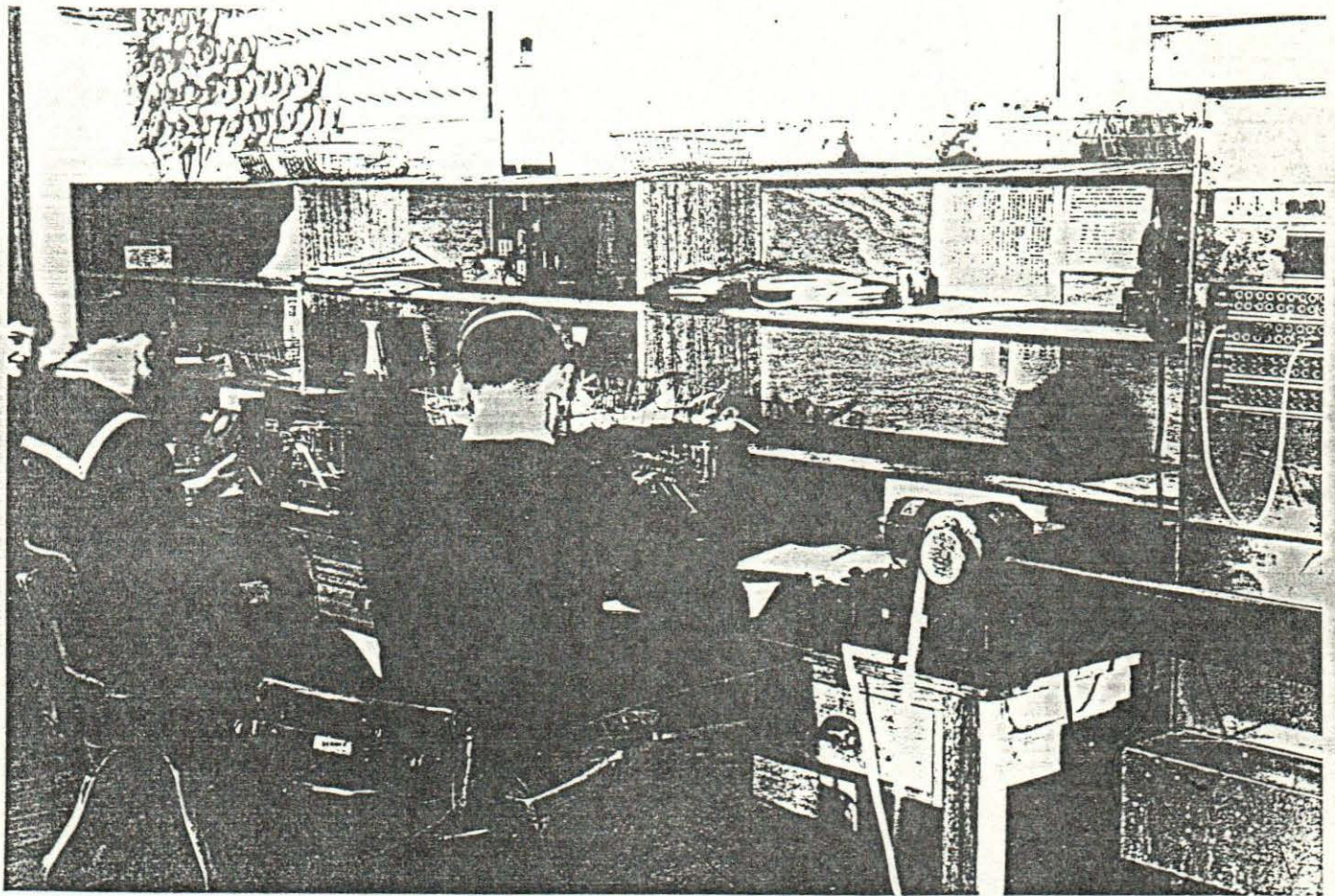
G. T. FILE ROOM



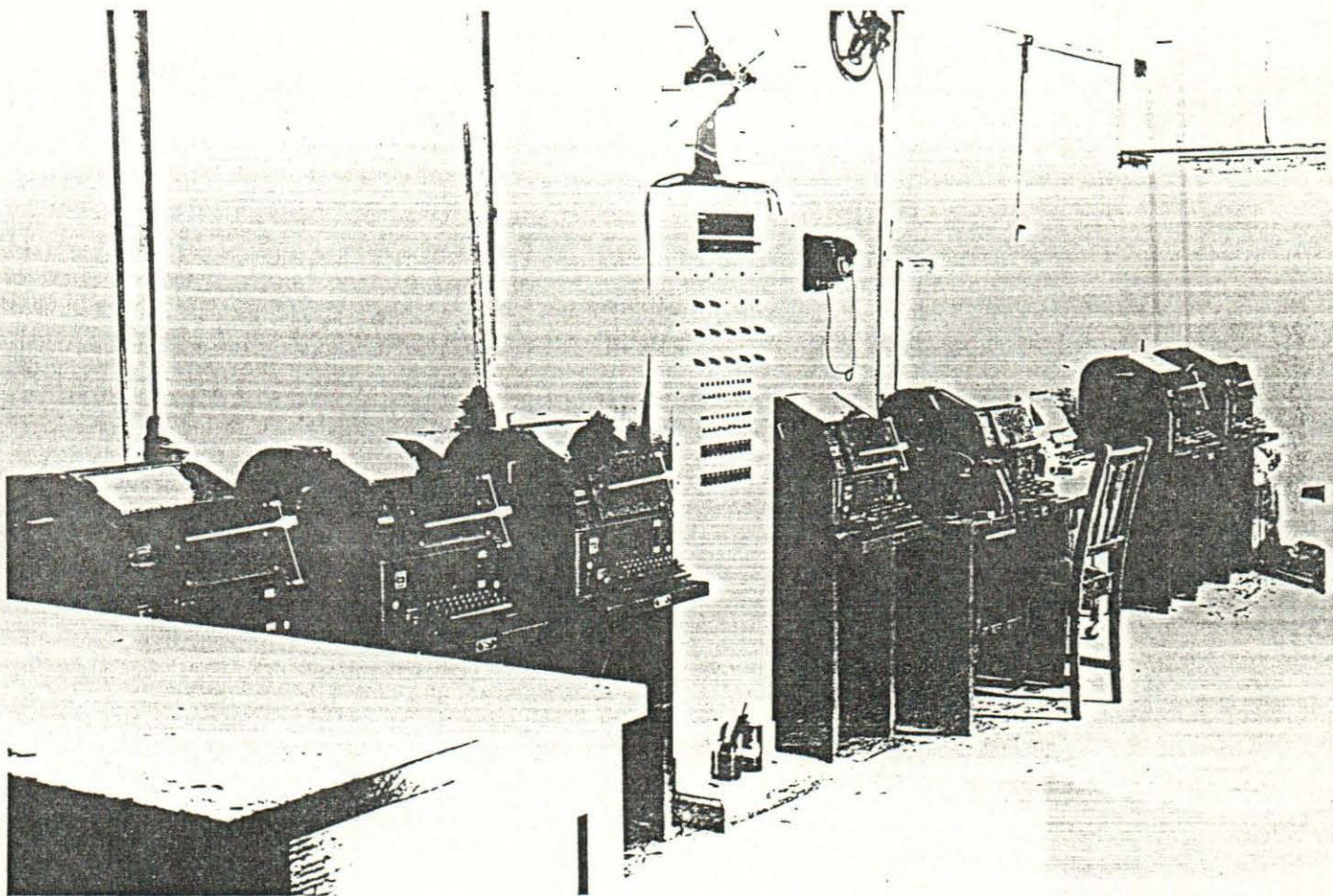
G. Z.



CODE ROOM



RADIO CONTROL ROOM



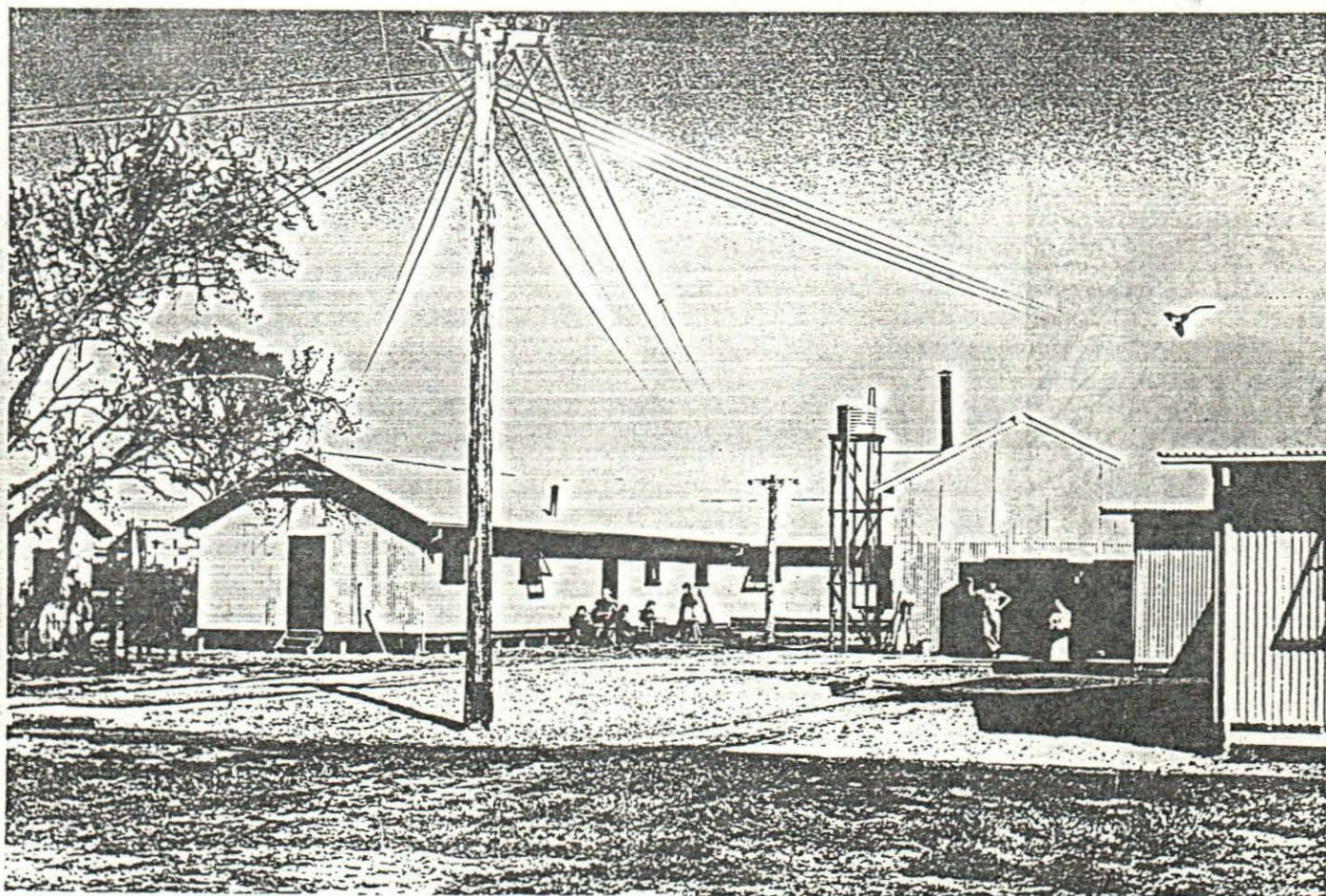
T/P ROOM



RADIO AND T/P REPAIR ROOM



W.R.A.N.S. BARRACKS



W.R.A.N.S. BARRACKS