

FEBRUARY
1969



RELIABILITY
SECURITY
SPEED



ZERO
BEAT

HEADQUARTERS MARINE CORPS

HENDERSON HALL ARLINGTON,

VIRGINIA 22214



**ZERO BEAT PUBLICATION.
HEADQUARTERS MARINE CORPS
HENDERSON HALL,
ARLINGTON, VIRGINIA. 22214**

EDITORIAL

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□□□CWO JOSEPH A. VAN BROCKLIN USMC□□□□



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NOASB-ASST. CHIEF NAVY-MARINE CORPS MARS/MARINE LIAISON

No, I haven't retired - just tired!

Don't know where December and January went, but when I stuck my head up out of the hole the morning of the 2nd and had to go back for my umbrella and rubbers, decided the winter was over and I had better get back with the program. Didn't make any New Year resolutions, so no worry in that direction. At my age you don't worry about doing something wrong; it's a case of worrying whether you can do anything, even if it's wrong!

Still recovering (in more ways than one) from the SAROC Convention at Las Vegas and the Tropical Hamboree at Miami last month. Renewed a lot of old friendships and made some new ones. "Ye Ole Cotton Picker" from N0ANP was in great form and had already located the restaurant with the "mostest for the leastest" when I arrived. Bill from N0TEF and Dick from N0IZG are no slouches in the "beanery" either. Just in case any of you ever get mad at Dick, I suggest you just pick out a nice soft brick wall to take it out on and save yourself some pain. Hi!

Didn't see as much of Joe from N0FOC and Jim from N0RTW as I would have liked to, but it was good to meet them after all the PHONECONS. It was indeed a pleasant surprise to see Jim BOGUE (ex N0RTW) and his XYL the last night of the SAROC. Seems they were relaxing a little before Jim's solo to N0EF-land. So much for my long tedious hours of self-sacrifice.

Have'nt really gotten back into the main stream of things to know what, if anything, big is happening. Looks as though filling some empty billets in our CONUS stations is my main concern right now. Everyone is either getting out or going to WestPac and no one coming back right now. Going to have to twist some monitors arms and get some of the people who are not serving with MARS. Would sure appreciate any of you readers passing the word along if you know people who are not in the program and should be; especially those who are qualified for, but do not yet have the 8981 MOS. In fact, if any of you know anyone you would like to suggest as my relief about next October or November, would be more than happy to hear from you. The billet calls for a WO/Capt with a Conditional Class license or higher. We all gotta go sometime! "Woodworking enthusiasts" from the San Diego area will not be considered for this assignment!

See you all next month.

73, JOE

NEWS & VIEWS



~~NØ~~EFD.....

DA NANG, REPUBLIC OF VIETNAM.

It took me long enough what with staging at Pendleton and other delays but finally made it from ~~NØ~~RTW to ~~NØ~~EFD.

Not much exciting to report, but hope bands start opening up soon for P/P and we can push the totals up. Da Nang hasn't changed much since I left in 1966 just bigger. 73 JIM

~~NØ~~RSE-WØIAB.....

CAMP PENDLETON, CALIFORNIA

SSgt Norris will soon leave us for the Orient. Pfc Johnson has just received his L/Cpl Stripes. M/Sgt Hillyer has decided not to retire but rather to stay in the Corps and make MGySgt, HO HO HO

The recent rain rain rain in Calif. didn't stop the station from doing the usual bit of traffic handling. One Vertical antenna blew over but we don't use it much anyway. If your Henry 4K in the PA grid position shows negative grid current suspect a bad tube from shorted elements. B.A. Hillyer

~~NØ~~EEM-KHØAJF.....

CAMP H.M. SMITH, HAWAII.

In December our station received some new equipment, which was badly needed. It consisted of two Henry 2K3's, a new S Line, a 13-30 mhz log periodic, a crystal packet, and other support equipment. In April we are expecting another log and a 4K HENRY RADIO PA.

The log periodic is badly needed because we lost our tribander in high winds. The station is still on a seven day week, and with Cpl. Nemec on leave, it's pretty rough, but the station is coming along and hope to give RVN even better support in the future.

SSGT R.L. (RUSS) MILLER

~~NØ~~ENV-KA5MC.....

MARINE CORPS AIR STATION,
IWAKUNI, JAPAN.

Nothing much happening here this month, although Phil left for home and that leaves us with only two operators.

Propagation on 20 meters has decreased slightly and shows up on our phone patch totals but we are trying.

We have been awaiting the arrival of station modification desks and received two new power supplies for our Drake Lines. Our final goal is to have a second operating position working simultaneously with our present equipment. 73 BILL

~~NØ~~ASM/NAV2-W4NTR.....

HEADQUARTERS MARINE CORPS,
ARLINGTON, VIRGINIA.

Sgt Bob Mattson will be leaving us for the Merchant Marine as a Radio Officer during the early part of March. Sgt Bob James will assume the duties of Managing Editor of Zero Beat when Bob leaves us. We are all very confident that Sgt Bob James will make the publication a real winner.

The traffic totals have dropped since the new year, and we're looking forward to increased traffic.

NCOIC GySgt Justis

~~NØ~~FJM-KG4AM.....

MARINE BARRACKS,
GUANTANAMO BAY, CUBA.

Beginning 1 Feb. this station moves into a new phase of operation by going totally MARS operation except for one schedule with Harriet WA3ATQ. I am firmly convinced that I will be able to do much more under this system because of the terrible QRM problem on the Amateur frequencies. BILL

NØRTW-W6ZJB.....
BARSTOW, CALIFORNIA 92311

Our CHOP, Sgt Wuergler, is taking a vacation in the hospital while recovering from an apendicitus operation. Things have been busy here with just two operators. However we are looking forward to our new operator from NØEFC joining us in February or March. The station is now fully operational for 100wpm RTTY which eases the pain of big traffic loads.

CPL. JAMES A. KUHL

NØANP-W6YDK.....
MARINE CORPS RECRUIT DEPOT,
SAN DIEGO, CALIFORNIA.

Nothing unusual to report or comment on this period. Have recently had the addition of most welcome member to the station staff, MSgt R. C. Kiter, who will a little at a time commence to assume duties as new NCOIC and NØPPC, phasing out MSgt Rotella who will retire July'69.

NCOIC R.P. Rotella

NØFAA-W4LEV.....
MCB CAMP LEJEUNE,
NORTH CAROLINA.

With the arrival of the additional Frederick 1200, and two 1215's we are in full swing on RTTY. Our RTTY room now boasts; 2-UGC5's, 3-47's, 2-192's, 1-RT/28, 2-1200's, 2-1215's, Altronic MDL "L" and 2-S/LINES.

Departing NØFAA for the cold world this last month were Gary and Terry, we all will sorely miss the professional abilities of these two and wish them both the best of luck in the future.

BILL BIGGS

NØIVT-KP4AZJ.....
CAMP GARCIA, VIEQUES ISLAND,
PUERTO RICO.

In a few days this station will be in 100% operation. The new tower are up and just waiting for the traffic to roll in. I've asked to stay here another six months so the QRM will be me if all goes well.

C.L. WOODARD 'LEE'

ATTENTION NØEFD: Thankyou for your interest in being featured as a Station of the Month. We will be looking forward to receive any information and pictures that you might have on NØEFD. I am glad to hear of one Vietnam station that is proud of his work. Lets hope this will stir up some competition.

ZERO BEAT.

NØEFA.....
3RD MARINE DIVISION,
REPUBLIC of VIETNAM.

As you can see from our monthly traffic report we are still pumping out the calls and QTC's despite the loss of our star operator Dick Laub to NØEFJ. We hope to have a replacement for him very soon (yawn)

Our RATT sked. is finally beginning to shape up and become more stable. Our thanks go to "CHOP DAVE" who spent many frustrating hours eliminating bugs. Hope sometime in the near future to be able to go directly to CONUS, thus cutting down delivery time. 73 RED.

ATTENTION NØALM.....

TO SPEED UP THE PUBLICATION OF ZERO BEAT THE CLOSE-OUT FOR ARTICLES AND TRAFFIC REPORTS WILL HAVE TO ARRIVE AT THIS STATION NO LATER THAN THE 15TH OF EACH MONTH.

EDITOR

VIA VIRGINIA NAVY MARS BULLETIN



HAPPINESS IS THE HAM WHO SPENDS FIVE YEARS GETTING THE KYL INTERESTED IN RADIO ----- AND SUCCEEDS

★ OKINAWA ★

AMATEUR RADIO - MARS COORDINATOR

GYSGT Wiles B. Danson Jr.

|||||

This month's rotation left us short one operator, Cpl. R.D. Burgess checked out with orders to Camp Pendleton for further assignment. We wish him all the luck in further travels with the Marine Corps. LCpl Park who was assigned to us with TAD orders has now received permanent orders for duty with our system. For two weeks this month KR6DI was missing an operator, Cpl Hury who had to fire on the rifle range at Camp Hansen and is now attending NCO school. This completes a Marines required training for the fiscal year of 1969.

There is no news on the reopening of the Camp Hauge Station KR6MD. Like I said in last month's Zero Beat, the building is in bad shape and I have submitted a work request to put the building back into good enough condition for at least three men to live in. In the past a request went in to remodel the building, lower the ceiling, retiling the floor and relocate the fixtures etc. The estimated-cost came to over \$3,000, and before we could even get our foot in the door we had to convince maintenance that this work is not necessary for the reopening of this Amateur/MARS Station. So I only guess time will tell and will keep you fully posted on the outcome of this project.

We have four brand new Scanalyzers produced by Heathkit in the system. I am sure that when they are fully assembled they will be a big benefit to our program here on Okinawa.

We now have on order from Telrex, 4 five element 20 meter "optimum design" Monarch, model 20M546, each antenna weighs 159 lbs. Two of these antennas are to replace those destroyed by typhoons at Camp Schwab and Camp Mctureous. Camp Hansen and Camp Foster's antennas will need replacing due to high corrosion caused by the salt in the air. We also have on order from the Triex Tower Co. two model LM-354 Crank up/ Tilt over towers, each weighing 524 lbs. Also from the same company two Tilt over accessory (LM Tower) model TA-541 weighing 125 lbs. These towers are to replace those destroyed by typhoons. We also have on order from MARS four 13-30 mhz Log Periodic Antenna systems. We expect these to be delivered by the fiscal year of 1970.

With such a slow resupply system, we have a grand total of \$7,763.52 worth of supplies in transit from the states. We hope these supplies will arrive soon because they are needed in the system.

Some of the stations are operating with two rigs simultaneously to handle the scheduled traffic during periods of favorable band conditions.

Major Lutheran, our Special Services Officer, left us on Jan. 31 for assignment to Vietnam, Good luck Major, and keep your head down. Captain Jordan is taking over for the Major until a permanent SSO arrives. All we can say for now is Welcome Aboard Captain.

In The System

Editorial comment

GySGT. WAYNE JUSTIS, NCOIC NAV2

In the past there has been traffic introduced into the NAVY/MARINE CORPS MARS System that doesn't fall within the limits of DNC-8 and the FCC Rules and Regulations. This traffic has been refused by stations at the point of delivery. The reason for refusal was the text was of an embarrassing nature

This type of traffic is not needed or **desired** in NAVY/MARINE CORPS MARS. It is the opinion of most people that this type of traffic will do NAVY/MARINE CORPS MARS more harm than good. So if we all work together we can weed this undesirable traffic out of the System.

We would like to suggest that all stations screen the traffic closer. Review the DNC-8 and FCC Rules and Regulations. Just for general information of all stations concerned the below is just some of the restrictions on traffic.

DNC-8 Section II Para 105

b. Use of profane, indecent or obscene language

Federal Communications Commission Rules and Regulations

Part 97, subpart E. Para 97.117

CODES AND CIPHERS PROHIBITED.

The transmission by radio of messages in codes or ciphers in domestic and international communications to or between amateur stations is prohibited. All communications regardless of type of emission employed shall be in plain language except that generally recognized abbreviations established by regulation or custom and usage are permissible as are any other abbreviations or signals where the intent is not to obscure the meaning but only to facilitate communications.

Part 97, subpart E. Para 97.119

No licensed radio operator or other person shall transmit communications containing obscene, indecent, or profane words, language, or meaning.

The above FCC Rules and Regulations Volume VI can be ordered from:

Superintendent of Documents
U.S. Government Printing Office
Washington D.C. 20402

Subscription price is \$1.25. (50 cents additional for foreign mail)

In Brief

By the time many of you read this column, I will be in the final days of my Marine Corps life. I have enjoyed very much my short career as the Managing Editor of this fine publication, and will always remember it. My only wish is that there will be an increased participation by all subscribers in the future, the publication is only as good as what its supporters can provide.

I want to thank everyone who has helped me in the construction of this monthly, for without them it could never be possible.

The other day, I came across in the Feb. 69 issue of SARA SLIP a quote from one of our greatest leaders, which today more than ever should be the guide for every individual and nation in the world. I have taken the liberty to print it below, and I think you will all agree.

73's Bob Mattson WB2AMI/NØKGG

LINCOLNS 10 RULES OF CONDUCT FOR INDIVIDUAL AND NATIONS

1. YOU CANNOT BRING ABOUT PROSPERITY BY DISCOURAGING THRIFT
2. YOU CANNOT STRENGTHEN THE WEAK BY WEAKENING THE STRONG
3. YOU CANNOT HELP SMALL MEN BY TEARING DOWN BIG MEN
4. YOU CANNOT HELP THE WAGE EARNER BY PULLING DOWN THE WAGE PAYER
5. YOU CANNOT FURTHER THE BROTHERHOOD OF MAN BY ENCOURAGING CLASS HATRED
6. YOU CANNOT HELP THE POOR BY DESTROYING THE RICH
7. YOU CANNOT ESTABLISH SOUND SECURITY ON BORROWED MONEY
8. YOU CANNOT KEEP OUT OF TROUBLE BY SPENDING MORE THAN YOU EARN
9. YOU CANNOT BUILD CHARACTER AND COURAGE BY TAKING AWAY MAN'S INITIATIVE AND INDEPENDENCE
10. YOU CANNOT HELP MEN PERMANENTLY BY DOING FOR THEM WHAT THEY COULD AND SHOULD DO FOR THEMSELVES

IF I WERE CHIEF NAVY-MARINE CORPS MARS

ZERO BEAT will be printing the constructive and sincere suggestions of our readers for a better NAVY-MARINE CORPS MARS program.

By consent of Chief of Navy MARS, all letters will be screened by his office and action will be initiated on those of possible merit.

If you were Chief Navy MARS, what would you do to better the Program? Write your suggestions, in 300 words or less, to:

ZERO BEAT
c/c Navy MARS Station NAV2
HQBN, HQMC
Henderson Hall
Arlington, Virginia
22214



I would investigate the possibilities of improving Teletype capabilities and circuits inside of Vietnam. At first glance, the short time I have been here it seems to be an awkward and hit and miss proposition. I think there are to many stations with not enough gear involved in collection and distribution of traffic.

SSGT JIM BOGUE WB6VTS-NØIKA @ NØEFD

I would take all the Navy-Marine Corps MARS Stations and put them under the direct operational and administrative control of each respective District Director. This would enable the MARS Station to operate as they should. Now, each Command puts various requirements on the personnel at the station and MARS schedules must be secured to meet various inspections and training class activities.

SSGT RICHARD F. STULZ

I would draft a message with a Standard Text for servicing bulk, obsolete message traffic.

Messages that have the same text, being passed under routine precedence, and considered to be emergency traffic, such as, ARL ONE JOHN DOE, can become out dated very rapidly. When five to ten thousand messages are trying to be passed in as short a time as possible, traffic nets become overloaded. As band conditions change, so do phone numbers, addresses, and occasionally names.

We know that all messages are supposed to be confirmed, but a HIT is not necessarily noticable if a number or two change in the phone number or address, or letters change in the name but appear to be correct. People even move and many times cannot be located.

Eventually the message must be serviced. If the number of serviced messages

happens to run into the three digit figures, traffic nets become over loaded even further.

When a serviced message returns to the originator, by the time corrections are made, and the message is resent, in many cases it is no longer of any value to the addressee. In some instances, the originating station cannot locate the sender for corrections. If corrections cannot be made, the originator must draft another message to QTA AND FILE.

Each station along the line of relay must handle the message three times. Primary and Major Relay Stations have enough to do and traffic nets are usually kept busy without having to worry about out dated bulk traffic for servicing which could tie up a traffic net for the entire period.

As NAVY-MARINE CORPS MARS MEMBERS, we are constantly trying to shorten the time from originator to delivery. When this time lengthens, we start to complain. However, if the delay is due to overloaded traffic nets, Why dont we try to cut down the number of messages that have to be handled more than once.

CPL. JAMES A KUHL USMC
ASST/CHOP NØRTW

I would publish, or submit for approval directives governing a standardizd uniform as worn in Okinawa, consisting of a white shirt with name and station identification (MARS-AMATEUR) and dark slacks with rubber soled shoes for electrical safety. I would also establish a training program especially designed for the MARS primary mission that would replace ordinary training programs ie M-14s, hand granades, C.O.D. etc. In the event of a disaster, this system acts as a military communications backup and should be trained as such. I feel this would eliminate several command problems that universally face all stations.

CHOP NØENV

I would strive to get some more clear frequencies for our MARS stations to operate on. It seems we share our frequencies with other stations, usually a public service type who has many times more power than us and makes passing traffic at times extremely difficult and frustrating. For example there is NPN from Guam, UPI on 21785 khz, and on 14480 khz there is facimile etc.

GySgt. C.N. Boni @ NØEFA

I would severely reprimand all stations involved in passing traffic with incorrect RTTY format. There is no excuse for this and it's about time firm action was taken. I would go as far as to remove a mans 8981 MOS for repeated violations, there is no room in the NAVY-MARINE CORPS MARS program for such a person.

As shown on this months cover, RELIABILITY is before speed and it's a dam shame that in this system we have people who introduce volume traffic with a unauthorized format for their own personal command gains. Before we can think of MUX, volume traffic, standard uniforms, more channels, being a military backup etc., we must have a RELIABLE, WELL DISCIPLINED COMMUNICATION SYSTEM.

Sgt. Robert J. Mattson USMC @ NAV2

I would investigate the possibilites of using Heathkit instead of the more expensive Collins Radio equipment. Reports I have heard from users say the Heathkit equipment does work on many of the frequencies and in some cases better. I would also insure that the proper repair and monitoring equipment is also purchased.

C.L. WOODARD @ NØIVT



NOPPC



RVN-CONUS PHONE PATCH COORDINATOR.

RVN/CONUS QUARTERLY PHONE PATCH ASSIGNMENTS: EFFECTIVE 030100Z
FEB 69 READ IN FIVE(5) COLUMNS: FREQ(KHZ) L/USE PRI STA BACKUP
STA WORKING

- | | | |
|------------|---|---------------------|
| 1. 11402.5 | L (P) NØRSE (B) NØJPJ | WORK NØEFB |
| | U (P) NØFMO (B) NONE | WORK NØEFI |
| 2. 13927.5 | L (P) NØTEF (B) NØFOC NØZHP | WORK NØEFC NØEFE |
| | U (P) NØWTG (B) NØJPJ | WORK NØEFF NØEFS |
| 3. 14470 | L (P) NØANP (B) NONE | WORK NØEFL NØEFT |
| | U (P) NØRTY (B) NONE | WORK NØEFG NØEFH |
| | | NØEFK NØEFM |
| 4. 14480 | L (P) NØRTW (B) NONE | WORK NØEFD |
| | L (P) NØWTG (B) NONE | WORK JAPAN |
| | U (P) NØRSB (B) NØAAV | WORK NØEFA NØEFJ |
| | U (P) NØRSE (B) NØTEF | WORK JAPAN |
| | U (P) NØRSE (B) NONE | WORK NØIKK NØRSN |
| | | (ALL PHIL) |
| 5. 19430 | L (P) NØRSE (B) NØHSK NØIHC NØRSE | WORK NØEFB |
| | U (P) NØAVD (B) NØISY NØKOR NØYSR | WORK NØEFM NØEFP |
| 6. 19956.5 | L (P) NØFMO (B) NØHFO NØHMH NØHSK NØIHC | WORK NØEFY |
| | U (P) NØHSK (B) NØFMO NØIHC | WORK NØIKK NØRSN |
| | | (ALL PHIL) |
| 7. 20375 | U (P) NØRTW (B) NØKEY NØUSM | WORK NØEFG NØEFI |
| S | | NØEFK NØEFC |
| 8. 20525 | U (P) NAV 8 (B) NØJCC NØWTG | WORK NØEFE NØEFC |
| | | NØEFS NØEFY |
| 9. 20625 | U (P) NØANP (B) NONE | NP WORK NØEFB NØEFC |
| | | NØEFL NØEFY |
| 10. 21760 | U (P) NØTEF (B) NØJPJ | WORK NØEFA NØEFD |
| | | NØEFJ NØEFN |
| 11. 21785 | U (P) NØRTY (B) NØZSJ | WORK NØEFG NØEFH |
| | | NØEFK NØEFM |
| 12. 27900 | LH(P) NONE (B) NØJPJ NØUSM | WORK NØEFC NØEFL |
| | | NØEFY |
| | U (P) NØRTW (B) NØFMO P | WORK NØEFB NØEFD |
| | | NØEFJ |

13. REQUEST NØGJA, NØGOK, NØGFH, NØGVN REPRODUCE COPIES THIS MSG AND FORWARD TO ALL ACTIVE STA'S WITHIN THEIR RESPECTIVE JURISDICTION
14. FREQ TOLERANCE IS IAW DNC & ANNEX (B) AND ALL CURRENT/SPECIAL INSTRUCTIONS PERTAINING THERETO
15. REQUESTS FOR ASSIGNMENTS/NOMINATIONS TO RVN/CONUS PHONE PATCH NETWORK CONTAINED IN NAVMARS 31/68
16. THIS MSG SENT TO ALL AREA COORDINATORS FOR REFERENCE MATERIAL AND GENERAL INFORMATION FOR ANY FUTURE USAGE

CONTINUED ON NEXT PAGE

NØPPC.... RVN-CONUS P-P COORD. CONTINUED

17. THIS MSG MAILED AS CONFIRMATION ALL ADDEES AND ALL PREVIOUS RVN/CONUS PHONE PATCH ASSIGNMENTS MADE PRIOR TO 030120Z FEB 69 ARE HEREBY CANCELLED. COORDINATION WITH NØGVN EFFECTED 25 JAN 69

18. CURRENT AND CORRECT MAILING AND PHONE INFO OF NØPPC FOLLOWS
NØPPC

BLDG 340, DEPOT SPL SVC'S
MCRD, SAN DIEGO, CA192140
AUT 9574681/9575153
CODE 714 PHONE 2254681/2255153

19. NØPPC SENDS
BT



MARS OPERATOR BY



DAY AND BY

NIGHT !!



TRAFFIC REPORTS FOR JANUARY 1969..... FOR N0ALM

	ORIG	RCVD	RELY	DLVD	TOTAL	TOTAL PP
N0AMC	NO REPORT	RECEIVED				
N0ANP	2252	536	410	126	3324	1019
NAV2	5	4041	4045	4	8092	89
N0EEM	0	0	0	0	0	913
N0EFA	73	80	454	36	1043	765
N0EFB	423	1838	2428	1836	-	596
N0EFC	NO REPORT	RECEIVED				
N0EFD	63	959	830	129	1981	864
N0EFJ	86	47	91	47	-	484
N0EFL	128	222	350	222	-	-
N0EFY	53	59	92	59	-	323
N0ENV	30	110	50	60	140	730
N0ETG	-	-	-	-	1467	132
N0ETH	-	-	-	-	373	5
N0ETJ	-	-	-	-	96	11
N0ETL	0	0	0	0	0	0
N0FAA	41	1327	1286	41	2695	318
N0FJM	44	17	-	17	78	895
N0FOC	NO REPORT	RECEIVED				
N0IVT	0	0	0	0	0	0
N0IXF	NO REPORT	RECEIVED				
N0IZG	0	0	0	0	0	868
N0RSB	2515	127	0	100	2742	1638
N0RSE	259	9494	9931	227	19,911	1396
N0RTP	438	912	815	89	2244	1
N0RTW	3	1799	1795	7	3604	1071
N0TEF	10	7	14	0	31	734
N0XXN	NO REPORT	RECEIVED				
N0ETI	NO REPORT	RECEIVED				
W4BHU	NO REPORT	RECEIVED				
W4BUJ	NO REPORT	RECEIVED				
W4LEV	2	4	2	2	10	58
K4MCL	NO REPORT	RECEIVED				
W4NTR	0	0	0	0	0	1
W4PFC	8	474	37	7	526	2
KG4AM	2	-	-	-	2	401
KP4AZJ	5	6	0	6	17	453
KA5MC	NO THIRD PARTY AGREEMENTS WITH JAPAN					
W6FCS	97	100	-	30	227	343
W6IAB	10	135	15	5	165	325
W6MCA	3	174	169	5	351	295
W6YDK	5190	497	377	120	6184	54
W6ZJB	0	0	0	0	0	3
KH6AJF	0	0	0	0	0	41
KH6BGS	0	0	0	0	0	20
KR6DI	14	0	14	0	28	469
KR6GF	9	0	0	0	9	827
KR6MB	0	0	0	0	0	747
KR6MH	4	0	0	1	5	1190

SOUTHERN NEW JERSEY
NAVY MARS DIRECTORY

COUNTIES: ATLANTIC - BURLINGTON - CAMDEN - CAPE MAY - CUMBERLAND -
GLOUCESTER - MERCER - OCEAN - SALEM

POSTAL CITIES AND TOWNS:

ABSECON	08201	CARNEY'S POINT (PENNS GROVE BR.)	08069
ALLENTOWN	08501	CEDAR BROOK	08018
ALLCWAY	08001	CEDARVILLE	08311
ANCORA (HAMMONTON BR.)	08037	CENTER, STA. TRENTON	08608
ASHLAND	08023	CHAMBERSBURG, STA. TRENTON	08611
ATCO	08004	CHATSWORTH	08019
ATLANTIC CITY	**	CHERRY HILL	08034
AUDUBON (CAMDEN BR.)	08106	CHERRY MALL STA. (CHERRY HILL)	08034
AVALON	08202	CINNAMINSON (RIVERTON BR.)	08077
		CIRCLE (TRENTON BR.)	08638
		CLARKSBORO	08020
BARNEGATE	08005	CLAYTON	08312
BARNEGATE LIGHT	08006	CLEMENTON	08021
BARRINGTON	08007	COLLINGSWOOD (CAMDEN BR.)	08128
BAY HEAD (POINT PLEASANT BEACH BR.)		COLOGNE	08213
	08742	COLUMBUS	08022
BAYVILLE	08721	COOKSTOWN	08511
BEACH HAVEN	08008	CROSSWICKS	08515
BEACHWOOD	08722		
BELLMAWR (GLOUCESTER CITY BR.)		DEBORAH (BROWNS MILLS)	08015
	08030	DEEPWATER	08023
BERLIN	08009	DEERFIELD	08313
BEVERLY	08010	DELAIR (CAMDEN BR.)	08110
BIRMINGHAM	08011	DELANCO (RIVERSIDE BR.)	08075
BIVALVE	08301	DELMONT	08314
BLACKWOOD	08012	DELRAN (RIVERSIDE BR.)	08075
BLACKWOOD TER. (WOODBURY BR.)		DENNISVILLE	08214
	08096	DEPTFORD (WOODBURY BR.)	08096
BORDENTOWN	08505	DIVIDING CREEK	08315
BRETON WOODS (BRICK TOWN BR.)		DORCHESTER	08316
	08723	DOROTHY	08317
BRICK TOWN	08723	DUTCH NECK	08516
BRIDGEPORT	08014		
BRIDGETON	08302	E. CAMDEN (STA. CAMDEN)	08105
BRIGANTINE	08203	EGG HARBOR CITY	08215
BROOKLAWN (GLOUCESTER CITY BR.)		ELMER	08318
	08030	ELWOOD	08217
BROWNS MILLS	08015	ESTELL MANOR	08319
BUENA	08310	EWAN	08025
BURLINGTON	08016		
		FAIRTON	08320
CAMDEN	**	FIELDSBORO	08517
CAPE MAY	08204	FLORENCE	08518
CAPE MAY COURT HOUSE	08210	FORKED RIVER	08731
CAPE MAY POINT	08212	FT. DIX (TRENTON BR.)	0864

ORTESCUE	Ø8321	LONGPORT (ATLANTIC CITY BR.)	Ø84Ø3
FRANKLINVILLE	Ø8322	LUMBERTON	Ø8Ø48
GIBBSBORO	Ø8Ø26	MCGUIRE AIR FORCE BASE (TRENTON BR.)	Ø8641
GIBBSTOWN	Ø8Ø27		Ø8Ø49
GLASSBORO	Ø8Ø28	MAGNOLIA	Ø8328
GLENDORA	Ø8Ø29	MALAGA	Ø3Ø5Ø
GLOUCESTER CITY	Ø8Ø3Ø	MANAHAWKIN	Ø8723
GOSHEN	Ø8218	MANOR PARK (BRICK TOWN BR.)	Ø8738
GREEN CREEK	Ø8219	MANTOLOKING	Ø8Ø51
GREENWICH	Ø8323	MANTUA	Ø8Ø52
GRENLOCH	Ø8Ø32	MAPLE SHADE	Ø84Ø2
GROVEVILLE (TRENTON BR.)	Ø862Ø	MARGATE CITY (ATLANTIC CITY BR.)	Ø8Ø53
		MARLTON	Ø8223
HADDONFIELD	Ø8Ø33	MARMORA	Ø8Ø54
HADDON HTS.	Ø8Ø35	MASONVILLE	Ø8329
HAINESPORT	Ø8Ø36	MAURICETOWN	Ø833Ø
HAMILTON SQUARE (TRENTON BR.)	Ø869Ø	MAYS LANDING	Ø8641
	Ø8Ø37	MCGUIRE AIR FORCE BASE (TRENTON BR.)	Ø8Ø55
HAMMONTON	Ø8Ø38	MEDFORD	Ø8Ø55
HANCOCK'S BRIDGE	Ø8Ø39	MEDFORD LAKES (MEDFORD BR.)	Ø8619
HARRISONVILLE	Ø8Ø4Ø	MEDFORD LAKES (TRENTON BR.)	Ø81Ø9
HARVEY CEDARS	Ø8324	MERCANTVILLE (CAMDEN BR.)	Ø8Ø56
HEISLERVILLE	Ø852Ø	MICKLETON	Ø8332
HIGHTSTOWN	Ø8525	MILLVILLE	Ø834Ø
HOPEWELL	Ø8Ø8Ø	MILMAY	Ø8341
HURFFVILLE		MINOTOLA	Ø8342
		MIZPAH	Ø8343
IONA	Ø8325	MONROEVILLE	Ø8Ø57
ISLAND HTS.	Ø8732	MOORESTOWN	Ø8Ø59
		MT. EPHRAIM	Ø8Ø6Ø
JACKSON	Ø8527	MT. HOLLY	Ø8Ø61
JOBSTOWN	Ø8Ø41	MT. ROYAL	Ø8Ø62
JULIUSTOWN	Ø8Ø42	MULLICA HILL	
		NATIONAL PARK	Ø8Ø63
KINGSTON	Ø8528	NEW EGYPT	Ø8533
KIRKWOOD	Ø8Ø43	NEWFIELD	Ø8344
LAKEHURST	Ø8733	NEW GRETN	Ø8224
LAKEHURST NAVAL AIR STA.	Ø8733	NEW LISBON	Ø8Ø64
LAKEWOOD	Ø87Ø1	NEWPORT	Ø8345
LANDISVILLE	Ø8326	NEWTONVILLE	Ø8346
LANOKA HARBOR	Ø8734	NORMA	Ø8347
LAUREL SPRS.	Ø8Ø44	NORMANDY BEACH	Ø8739
LAVALLETTE	Ø8735	NORTHFIELD	Ø8225
LAWNSIDE	Ø8Ø45	N. WILDWOOD (WILDWOOD BR.)	Ø826Ø
LAWRENCEVILLE	Ø8532		
LEEDS PT.	Ø822Ø	OAKLYN	Ø81Ø7
LEESBURG	Ø8327	OCEAN CITY	Ø822Ø
LINDENWOLD (CLEMENTON BR.)	Ø8Ø21	OCEAN GATE	Ø874Ø
LINWOOD	Ø8221	OCEAN VIEW	Ø8231
LONG BEACH (BEACH HAVEN BR.)	Ø8ØØ8	OCEANVILLE	Ø823

PALMYRA	08065	S. SEAVILLE	0824
PAULSBORO	08066	S. TOMS RIVER (TOMS RIVER BR.)	08753
PEDRICKTOWN	08067	STATE HOSPITAL (TRENTON BR.)	08625
PEMBERTON	08068	STONE HARBOR	08247
PENNSAUKEN (CAMDEN BR.)	08110	STRATFORD	08084
PENNS GROVE	08069	STRATHMERE	08248
PENNSVILLE	08070	SURF CITY (BEACH HAVEN BR.)	08008
PINE BEACH	08741	SWEDESBORO	08085
PINE HILL (CLEMENTON BR.)	08021		
PITMAN	08071	THOROFARE	08086
PLEASANTVILLE	08232	TITUSVILLE	08560
PT. PLEASANT	08742	TOMS RIVER	08753
PT. PLEASANT BEACH	08742	TOWNSEND'S INLET	08249
POMONA	08240	TRENTON	**
PORT ELIZABETH	08348	TUCKAHOE	08250
PORT NORRIS	08349	TUCKERTON	08087
PORT REPUBLIC	08241		
PRESIDENTIAL LAKES (BROWN MILL BR.)	08015	VENTNOR CITY (ATLANTIC CITY BR.)	08406
PRINCETON	08540	VILLAS	08251
PRINCETON JUNC.	08550	VINCETOWN	08088
		VINELAND	08360
QUINTON	08072		
		WARETOWN	0875
RANOCAS	08073	WATERFORD WORKS	080
RICHLAND	08350	WENONAH	08090
RICHWOOD	08074	WEST BERLIN	08091
RIO GRANDE	08242	W. COLLINGSWOOD (CAMDEN BR.)	08107
RIVERSIDE	08075	WEST CREEK	08092
RIVERTON	08077	WESTMONT (CAMDEN BR.)	08108
ROADSTOWN	08351	W. TRENTON (TRENTON BR.)	08628
ROBBINSVILLE (TRENTON BR.)	08691	WESTVILLE	08093
ROCKY HILL	08553	WHITEBOG (BROWN MILLS BR.)	08015
ROEBLING	08554	WHITESBORO	08252
ROSEMONT	08556	WHITING	08759
ROSENHAYN	08352	WILDWOOD	08260
RUNNEMEDE	08078	WILDWOOD CREST	08260
		WILLIAMSTOWN	08094
SALEM	08079	WILLINGBORO	08046
SEABROOK (BRIDGETON BR.)	08302	WINDSOR	08561
SEA ISLE CITY	08243	WINSLOW	08095
SEASIDE HEIGHTS	08751	WOODBINE	08270
SEASIDE PARK	08752	WOODBURY	08096
SEWELL	08080	WOODBURY HTS.	08097
SHILOH	08353	WOOD-LYNN (CAMDEN BR.)	08107
SHIP BOTTOM (BEACH HAVEN BR.)	08008	WOODSTOWN	08098
		WRIGHTSTOWN	08562
SHORE ACRES (BRICK TOWN BR.)	08723		
SICKLERVILLE	08081	YARDVILLE (TRENTON BR.)	086
SOMERDALE	08083		
SOMERS POINT	08244		
SOUTH CAMDEN (STA. CAMDEN)	08104		
S. DENNIS	08245		

((** - REFER TO POSTAL ZIP DIRECTORY))