

Results of the 1964 CQ World Wide DX C.W. Contest

BY FRANK ANZALONE,* W1WY

OUR luck finally ran out on us, George Jacobs had predicted possible disturbed conditions over the c.w. week-end and that's just what we got. The lower bands, 80 and 40 were called fair by some and 20 as usual carried most of the load but it was a struggle. Compared to the past few years 15 was very poor and 10, forget it.

But then how does one explain W6AM's score on 7 mc, W4KFC's on 14 mc and W3GRF's third world high on all bands? Not to mention the K2GL total in the "multi-multi" division, the boys almost equaled their own record set some years ago during the lush years.

At W6AM it was Don Miller operating Don Wallace's rhombic farm, working the JAs by the hundreds and the UAØs and VKs by the scores. The long path to Europe produced the multiplier. Vic Clark took full advantage of the European openings on 14 mc, but the band was rather spotty at W4KFC, with weird long path openings to other areas. You don't explain a W3GRF score, I guess we just take it for granted that Lenny Chertok will be in the first section of the Top Ten every year. Thanks to the North Jersey DX Association, Lenny is finally being rewarded with a Trophy this year.

As for the other Trophies it's almost a duplication of the Phone Contest—a South American monopoly—although not dominated by the YV boys who seem to shun c.w. The all band winner is PY4OD, you might remember D'Angelo as the single band winner on 14 mc two years ago. UB5CI was close on his heels with an excellent multiplier but Vlad had too many 1-pointers.

Single band honors go to CX2CO on 14 mc, Ricardo duplicating his Phone victory and adds another Trophy to his bulging collection. However the most outstanding single band score was ZS6IW's on 21 mc, that's right, 21 mc. A few more multipliers and Michael would have pulled the biggest upset in the contest. Can't understand why more ZSs don't take advantage of the better

TROPHY WINNERS

Single Operator, All Band, USA

North Jersey DX Association Trophy
won by Leonard Chertok, W3GRF

Single Operator, Single Band (14 mc)

The K2HLB. Dr. Harold J. Megibow Trophy
won by Ricardo Sierra, Jr. CX2CO

Single Operator, All Band

The W9IOP, Larry Le Kashman Trophy
won by Talma D'Angelo Drummond, PY4OD

Single Operator, Highest Score on 7 mc

Israel Radio Club Trophy
won by Eugene Walsh, 5A1TW

Multi-Operator, Single Transmitter

The W3AOH, Tony Susen Trophy won by
YV9AA (Ops. YV5AEC, 5AGD, 5ANT,
5BOA, 5BKA, 5GO)

Multi-Operator Multi-Transmitter

The W6AM, Don Wallace Trophy won by
K2GL (Ops. K2GL, 2DGT, 2TXC, 2UYG,
W1GYE, 2GLM, 2IWC, 6KFV, WB2MFX)

World High Club Score

CQ Club Plaque
won by the Potomac Valley Radio Club

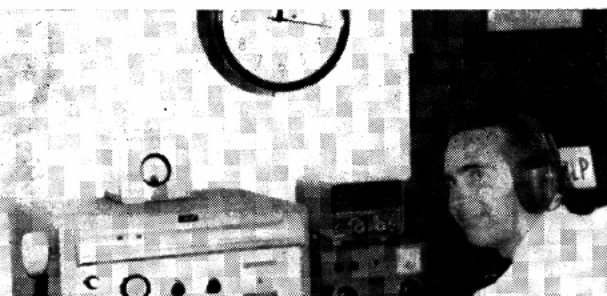
conditions that evidently exist in that area.

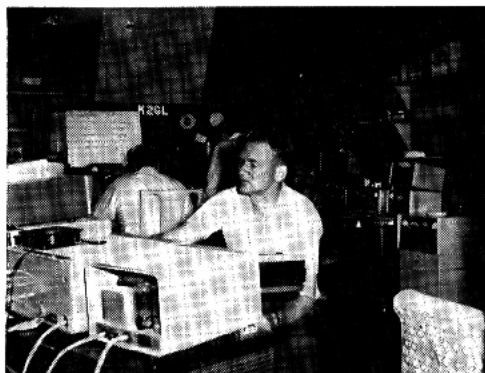
The Israel Radio Club Trophy for the Top 40 meter score goes to Gene Walsh and his choice 5A1TW location. You will recall that Gene was a double winner on all bands last year. He has now moved to a new DL QTH so pickings will be a bit different. (I will forward the new address to the IRC just as soon as I have it.)

Another crew from the Radio Club Venezolano activated YV9AA on c.w. and duplicated their phone victory in the multi-operator, single transmitter division, so now the boys have two Trophies for their Club. The Junior/Senior team of Jeff and Tubby Vale again made an excellent score, this time using the call VK5ZP. They were last year's winners with the alternate call VK5NO.

So that left only one Trophy which was salvaged by the dogged efforts of the K2GL crew. The boys activated all bands around the clock and added another Trophy to Buzz Reeves' collection of wins in the "Big Gun" division, a

9M4LP—Bob Snyder in far off Singapore, thousands of miles from populated DX areas. Still Bob was able to come up with a very respectable score on all bands, 10 thru 160, just missing the Top Ten.





K2GL on his way to copping the W6AM Trophy.

category dominated by the USA operators. (Unfortunately, W6VSS who would have placed third, is being disqualified pending FCC decision on a violation.)

This year the Deutsches DX Team graciously withdrew from competition although member stations entered for individual awards. This left the field wide open and an easy victory for the well organized Potomac Valley Radio Club. But the biggest and most pleasant surprise of the contest was the sudden appearance of the Frankford Radio Club. Without any fanfare the logs from the W/K3 area kept pouring in and the club credits going up. A couple of well organized "Big Gun" scores and they would have pulled a real upset. Nice going fellows, an excellent showing for your first crack at our World Wide DX Contest.

Once again 80 was mostly utilized by the all banders seeking additional multipliers, and by the Europeans. M1ZG, a DXpedition by DJ1ZG racked up the highest total of contacts but had to settle for second place on 3.5 behind 4X4DH for obvious reasons. Over here VE3AU made like a DX station working all those 2 pointers south of him and was high man in this hemisphere.

VE2UQ used the same technique on 160, although Gordy really stuck it out and worked the band clean. Even WIBB found it rough getting across to the few Europeans that were above the noise level. It was good to hear contest activity on this forgotten band.

As for the other end of the DX spectrum, 28 mc, we have finally hit bottom, I hope. Except for a few weak watery signals in the north/south path, the band was absolutely dead.

Like all contest week-ends there are moments to remember and this one was no exception. A very happy one indeed for HI8WSR. Wilson got married on Saturday. The station was manned by W9SZR, although Al's time on the air was also limited by the nuptial ceremonies.

It was not a happy memory for YVIDP. While Greg was racking up the points his XYL, YVIGR had an accident while preparing lunch. Her face was burned so badly that she had to be rushed to the hospital. I am happy to report a complete healing with no scars.

Of course many were the reports of equipment failure. Here at W1WY I have also learned the meaning of true humility. I had made great plans for an all out effort on 21 mc only to have the power supply to the final blow up just as the band was opening up on Saturday morning. Rather than lose the opening to Europe I tried to go it "barefoot," a most frustrating experience. Gave 160 a try at night but band conditions were not for contest operating, so it's "wait until next year."

Did I say frustration? Put yourself in K3KMO's shoes. In last year's contest Al handed out 1085 contacts from San Marino, this year he couldn't buy one from M1ZG.

W4ZM had other kinds of trouble, it was a family get-together week-end, 7 of his own kids plus 9 grandchildren. It's a wonder he was able to get on the air at all. While at WA8EWT's George had to fight off two other members of the family who wanted in on the contest operating. Why not a multi-operator set-up?

The Rev. Paul Bittner had his usual Sunday problem, church duties of course. When he got back on the air after church the European opening had disappeared. He still came up top WØ on 14 mc. Wish we had more dedicated contest men in the 10th district.

JA1DUH had no particular problem, just low power, 30 watts. "QRP stations cannot win contest, but I have a bit of Olympic Spirit." Good for you, Hisataka.

DL7AA wants us to make it clear that IT1, UA9 and UAØ are separate multipliers. Right on the first one Rudi, IT1 is considered a multiplier in our contest because it appears in the WAE country list. However not so for the other two, it's a large country but still only counts as one country in the ARRL list. However because of its size we do award separate certificates.

Dom, IT1TAI has always been critical of our scoring system. A breakdown of his score on 7 mc with that of 5A1TW and 4X4FA, both on different continents, would indicate that he has a just gripe. However a change that would equalize the scoring in this area might work at a disadvantage in other parts of the world. He advocates a system in which QSO points value is determined by Zone/Country location, rather than continental. More study and research must be made before I can make any comments on the merits of this system. But can you imagine reeducating the thousands of contestants all over the world. Wow!

We still receive criticism regarding the change we made a couple of years ago, 2 points per QSO between North American stations, while other inter-continental contacts remained at 1 point. The hoped for increase in activity in the Caribbean and Central American areas never materialized. With only 12 entries from 8 countries in these areas it's very debatable that the W/K stations enjoyed any advantage. The Canadian participation has also remained very sparse in spite of the fact that we have been over generous in the distribution of certificates.

So forget the advantage, the Trophies are still going overseas.

W3AFM suggests that we encourage some real DX to participate in the contest, spice things up a bit. It's OK with us Paul, when some of you "hot shots" work the juicy ones why not do a little promotion work for us. But what's the matter with FB8WW, FB8XX, 5R8AM, FR7ZD, VP8HJ, AP5CP and AP5HQ, they can hardly be classed as run of the mill, and they were all in the contest.

ZL2AWJ had expected to be on from Chatham Island but the trip didn't come off, all his operating was from his home QTH. A few jumped the gun and took credit for a rare one.

There were also a couple of "Phonies" that had to be crossed off your logs. FP8CA created a pile-up on 20 but it was short lived. The real FP8CA/K2OJD happened to be monitoring the band from his home QTH. Rich quickly spread a warning and scuttled the pirate. A CE0AA also briefly showed up on 40 working the West Coast, but CE3AG, the licensee wasn't even on the air from his home QTH let alone from Easter Island, so scratch another one.

All the more active stations are plagued by fellows coming back for a second and more contacts. Hardi at DJ3JZ always rechecks his log before submitting it to us. He estimated his score would have been over 40,000 points higher without cancellation of the duplicates. As I have said many times before, it is the obligation

of the contestant to check his log for duplicate contacts. Even tho you maintain a check list duplicate contacts will slip through, but these must be weeded out before you send in your log.

The Committee is considering imposing a penalty where duplicate contacts exceed a given percentage of your total contacts. And maybe even disqualification if the excess is too great.

A good percentage of the logs this year were "first timers," new comers to our contest, and understandably the scoring was not correct. If it looked high we knew that he had multiplied everything in sight, zones \times countries \times points. If low we generally found that the score on each band (the last column) had been added. All this made for more work, as if we didn't have enough.

Before we run out of space we want to welcome the YLs that bucked the competition on c.w. We are sure there were more but the following indicated the fact on their logs. WA1-ANR, PY2SO, OH2YL, SP5YL, JA1YL and DJ9SB on the multi team at DL0MZ/LX. Sonia found it difficult to adjust herself back to normal life. During the contest the OM, PY2CQ took care of the children and pampered her with coffee and sandwiches. Wonder if there were any mother/daughter teams on the air? We had a couple father/son combos, W4HOS and W4FRO as well as the well known VK5NO and VK5ZP team.

[Continued on page 98]

United States Club Scores

| | |
|--|------------------|
| Potomac Valley Radio Club | 6,366,671 |
| Frankford Radio Club | 4,174,690 |
| Southern California DX Club | 2,371,241 |
| North Jersey DX Association | 1,169,755 |
| Virginia Century Club | 1,064,482 |
| Ohio Valley Amateur Radio Ass'n | 936,801 |
| Northeastern DX Association | 900,804 |
| Florida DX Club | 743,937 |
| Royal Order of Boiled Owls (N.Y.) | 628,635 |
| Louisville Active Radio Operators (Ky) | 436,007 |
| Michigan State Univ. A.R.C. | 343,130 |
| Northern California DX Club | 311,077 |
| Long Island DX Association (N.Y.) | 236,854 |
| Orange County DXCC (Calif.) | 214,473 |
| Catalpa Amateur Radio Society (Mich.) | 189,467 |
| QCWA DX Club of New York | 91,355 |
| Central Michigan A.R.C. | 55,528 |
| Steel City A.R.C. (Penna.) | 52,734 |
| Maimisburg Wireless Ass'n (Ohio) | 45,628 |
| Willamette Valley DX Club (Ore.) | 45,543 |
| Key Klickers Klub (N.J.) | 43,375 |
| Joliet Amateur Radio Society (Ill.) | 28,238 |
| West High School A.R.A. (Ohio) | 27,134 |
| U.S. Naval Post Graduate School (Calif.) | 20,400 |
| N.W. St. Louis A.R.C. (Mo.) | 18,900 |
| Rochester DX Association (N.Y.) | 10,047 |
| San Diego DX Club (Calif.) | 8,950 |
| Richmond Radio Club (Calif.) | 8,216 |

Foreign Club Scores

| | |
|--|-----------|
| Radio Club Venezolano | 3,951,443 |
| Central Radio Club of Czechoslovakia | 2,607,905 |
| West Malaysians DXers | 1,532,947 |

| | |
|--|-----------|
| Uruguay DX Club | 1,519,883 |
| Swiss DX Club | 1,303,419 |
| Deutschen Demokratischen DX Radioklub | 1,010,299 |
| Radio Club de Costa Rica | 1,003,701 |
| Rumanian DX Club | 878,310 |
| Khazkov Radioclub (Ukraine) | 848,944 |
| Kakkosten-Kerho-Ry. (Finland) | 838,023 |
| Nykopingo Radio Amatorer (Sweden) | 682,962 |
| Locos del Aire (Ecuador) | 524,208 |
| L'vov DX Club (Ukraine) | 523,839 |
| Kagnew Station A.R.C. (Ethiopia) | 464,175 |
| Tutun-Radio Amatoorit-Ry. (Finland) | 405,072 |
| Chalmers Univ. of Tech. A.R.C. (Sweden) | 346,086 |
| OH-DX-Ring-Ry (Finland) | 310,980 |
| Far East DX-ploiters (Japan) | 301,076 |
| Akademisk Radioclub (Norway) | 248,804 |
| Cambrai Fritsch A.R.C. (Germany) | 173,512 |
| Hungarian Radioamateurs | 145,838 |
| Mihajlo Pupin Radio Club (Yugoslavia) | 128,076 |
| Kiel Canal Activity Group (Germany) | 86,832 |
| Hongkong A.R. Transmitting Society | 76,680 |
| DX Club of Slovenia (Yugoslavia) | 67,950 |
| Warsaw Radioclub (Poland) | 64,957 |
| Rothwesten A.R.C. (Germany) | 44,464 |
| Bremerhaven Radio Club (Germany) | 41,866 |
| Nikola Tesla A.R.C. (Yugoslavia) | 41,490 |
| Japan DX Radio Club | 38,700 |
| QRJ DX Club (Japan) | 29,430 |
| Tiger Amateur Radio Club (Pakistan) | 19,486 |
| Uppsala Radioklub (Sweden) | 14,280 |
| Radio Club Valparaiso (Chile) | 11,989 |
| TSU DX Keyer's Club (Japan) | 6,154 |
| Mimasaka A.R.C. (Japan) | 2,755 |
| Helsinki Univ. A.R.C. (Finland) | 1,225 |

Top Ten ALL BAND—SINGLE OPERATOR

PY4OD 796,740

| | | | |
|-------|---------|---------|---------|
| UB5CI | 766,108 | UB5EJ | 462,142 |
| W3GRF | 578,993 | KP4AOO | 445,060 |
| 9M4LX | 494,910 | 9J2W | 436,189 |
| W4YHD | 481,052 | 5A3TX | 432,464 |
| | HB9JG | 425,541 | |

Top Six MULTI-OPERATOR SINGLE TRANSMITTER

| | | | |
|-------|-----------|--------|---------|
| YV9AA | 1,046,025 | EL2AD | 738,525 |
| UA9DN | 1,014,102 | WA6SBO | 589,937 |
| VK5ZP | 914,742 | W7VQG | 572,736 |

MULTI-OPERATOR MULTI-TRANSMITTER

| | | | |
|-------|-----------|--------|---------|
| K2GL | 1,826,046 | DJ3JZ | 936,936 |
| W3MSK | 1,508,700 | DM7L | 694,070 |
| W4KXV | 1,040,348 | SM5CZQ | 682,962 |

U.S.A. Runners-up

| | | | |
|----------|--------|---------|--|
| All Band | WA4NGO | 402,462 | |
|----------|--------|---------|--|

| | | |
|--------|--------|---------|
| 21 Mc | W8WZ | 35,615 |
| 14 Mc | W1BPW | 186,333 |
| 7 Mc | W8FGX | 90,906 |
| 3.5 Mc | K6BPR | 5,440 |
| 1.8 Mc | W1BB/1 | 1,116 |

Continental Leaders SINGLE BAND

| | | | |
|--------------|--------------|----------------|---------|
| 21 Mc | 4X4FA | 174,505 | |
| ZS6IW | 405,460 | W6AM | 161,991 |
| K1NOL | 44,544 | IT1TAI | 115,346 |
| UA9VB | 38,142 | PY4AP | 81,673 |
| G3HCT | 35,773 | VK3ADB | 15,660 |
| VK4EL | 16,297 | | |
| PY5EG | 16,254 | | |

| | | | |
|--------------|--------------|---------------|--------|
| 14 Mc | 4X4DH | 55,440 | |
| CX2CO | 435,732 | M1ZG | 34,750 |
| 9J2VB | 303,420 | VE3AU | 13,908 |
| W4KFC | 266,631 | VK3XB | 1,443 |
| JA1BWA | 164,300 | | |
| KH6EPW | 161,667 | | |
| DJ2BW | 153,036 | | |

| | | | |
|-------------|--------------|--------------|-------|
| 7 Mc | OK1ZC | 3,060 | |
| 5A1TW | 227,814 | VE2UQ | 2,626 |

| | | | | |
|---------|---------|---------|-----|-----|
| WA4MSU | 11,060 | 57 | 29 | 41 |
| K4YFQ | 5,994 | 37 | 21 | 33 |
| W4UWS | 442 | 10 | 7 | 10 |
| W4SUR | 21 | 21,637 | 99 | 25 |
| W4HKJ | 11,457 | 61 | 26 | 41 |
| W4NTE | 6,273 | 48 | 21 | 30 |
| W4ORT | 4,725 | 37 | 17 | 28 |
| W4KFC | 14 | 266,631 | 644 | 34 |
| W4MR | 71,269 | 187 | 31 | 90 |
| W4LVV | 64,460 | 210 | 30 | 80 |
| W4SNU | 63,558 | 224 | 27 | 72 |
| W4YGY | 21,996 | 98 | 24 | 54 |
| K4RZK | 16,644 | 70 | 22 | 54 |
| W4IF | 8,232 | 58 | 16 | 33 |
| W4SHJ | 3.5 | 1,020 | 22 | 7 |
| W5BRR | A | 147,911 | 257 | 76 |
| W5JLT | 14,110 | 62 | 34 | 51 |
| W5ABG | 2,485 | 26 | 13 | 22 |
| W5KC | 21 | 19,789 | 103 | 25 |
| W5LEF | 8,639 | 61 | 19 | 34 |
| W5AMV | 1,760 | 23 | 14 | 18 |
| W5LGG | 14 | 85,125 | 243 | 35 |
| K8DPB/5 | 16,884 | 96 | 20 | 97 |
| W5WZQ | 7 | 46,350 | 183 | 29 |
| K5TYP | 15,478 | 90 | 29 | 61 |
| K5JVF | 3.5 | 556 | 19 | 7 |
| W6RW | A | 378,460 | 524 | 97 |
| W6KG | 17,672 | 419 | 77 | 105 |
| W6ITA | 178,848 | 331 | 68 | 116 |
| K6SEN | 156,615 | 310 | 73 | 124 |
| W6IBD | 129,961 | 275 | 72 | 97 |
| W6NIX | 121,239 | 264 | 68 | 103 |
| W6GRX | 92,220 | 203 | 65 | 94 |
| W6ERS | 64,172 | 171 | 55 | 67 |
| W6NKR | 42,250 | 121 | 53 | 77 |
| K6HOR | 36,920 | 126 | 43 | 61 |
| W6BUD | 21,535 | 100 | 31 | 42 |
| W6BMMJ | 16,280 | 107 | 29 | 26 |
| W6KHS | 14,664 | 115 | 36 | 42 |
| W6AVAT | 8,216 | 56 | 22 | 30 |
| W6ADMN | 5,712 | 46 | 18 | 24 |
| W6BCUU | 3,397 | 33 | 20 | 23 |
| W6YLL | 2,200 | 30 | 11 | 44 |
| W6BBBC | 1,005 | 23 | 7 | 8 |
| W6BSY | 21 | 21,828 | 115 | 23 |
| W6GUZA | 16,072 | 103 | 21 | 35 |
| W6RRG | 8,600 | 76 | 17 | 26 |
| W6MSM | 7,876 | 60 | 20 | 22 |
| W6KNE | 14 | 44,405 | 189 | 30 |
| K6LEB | 30,800 | 136 | 27 | 53 |
| W6GLD | 20,672 | 111 | 23 | 41 |

Number groups after call letters denote the following: Band, (A-all); Final Score; Number of QSOs; Zones and Countries. Certificate winners are listed in **bold face**.

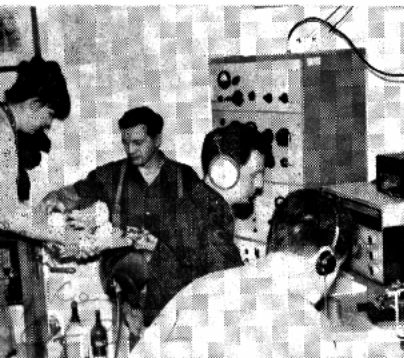
C. W. Results SINGLE OPERATOR

North America

United States

| | | | | | |
|--------|-----|---------|-----|----|-----|
| K1HVV | A | 214,920 | 378 | 67 | 132 |
| W1JYH | " | 67,100 | 180 | 34 | 88 |
| W1QAK | " | 60,711 | 158 | 54 | 93 |
| W1UW | " | 40,448 | 130 | 47 | 81 |
| W1WY | " | 21,975 | 119 | 26 | 49 |
| W1BFA | " | 8,008 | 52 | 24 | 32 |
| W1PLJ | " | 3,312 | 34 | 19 | 27 |
| K1NOL | 21 | 44,544 | 167 | 26 | 70 |
| W1B1H | " | 32,088 | 137 | 24 | 60 |
| K1RQE | " | 12,936 | 71 | 23 | 43 |
| W1BPW | 14 | 186,333 | 476 | 33 | 100 |
| WA1ANR | " | 9,558 | 56 | 18 | 41 |
| W1AW | " | 3,564 | 36 | 11 | 22 |
| W1YNE | " | 1,296 | 20 | 6 | 18 |
| W1SWX | 3.5 | 24 | 2 | 2 | 2 |
| W1BB/1 | 1.8 | 1,116 | 32 | 4 | 8 |
| K2SUX | A | 185,771 | 339 | 71 | 126 |
| WA20JD | " | 104,468 | 234 | 54 | 110 |
| WB2FIT | " | 43,375 | 132 | 48 | 77 |
| K2GDP | " | 31,314 | 109 | 35 | 67 |
| W2QDY | " | 25,200 | 112 | 31 | 53 |
| W2NEP | " | 8,400 | 51 | 27 | 43 |
| W2HL | " | 6,027 | 44 | 18 | 31 |
| WA2IS | " | 3,150 | 35 | 17 | 25 |
| W2WZ | 21 | 24,258 | 120 | 23 | 55 |
| WA2ZEZ | " | 21,973 | 108 | 24 | 49 |
| WA2BUH | " | 3,822 | 38 | 15 | 27 |
| K2SHZ | 14 | 79,458 | 238 | 32 | 82 |
| WA2EFN | " | 3,379 | 38 | 10 | 21 |
| W2SDB | " | 2,016 | 24 | 10 | 18 |
| K2KD | " | 1,485 | 19 | 8 | 19 |
| K2QEA | " | 1,296 | 19 | 10 | 17 |
| W2CKR | " | 160 | 6 | 4 | 6 |
| WA2KSD | 7 | 20,770 | 127 | 18 | 44 |
| K2LTY | " | 2,343 | 26 | 13 | 20 |
| W2EQS | 1.8 | 423 | 38 | 4 | 5 |

| | | | | | |
|---------|----|---------|-----|----|-----|
| W3GRF | A | 579,993 | 665 | 96 | 213 |
| W3BES | A | 245,514 | 361 | 79 | 170 |
| W3KT | A | 112,896 | 239 | 52 | 116 |
| W3MCG | " | 108,108 | 214 | 69 | 113 |
| W3QQL | " | 86,394 | 205 | 54 | 100 |
| W3MSR | " | 80,172 | 210 | 56 | 97 |
| W3GRS | " | 76,760 | 181 | 50 | 102 |
| W3QMZ | " | 73,688 | 187 | 57 | 94 |
| W3GHD | " | 60,604 | 192 | 34 | 75 |
| W3YJL | " | 54,538 | 155 | 49 | 85 |
| W3EYV | " | 48,641 | 137 | 50 | 77 |
| W3CGS | " | 48,240 | 139 | 40 | 80 |
| W3HHK | " | 47,214 | 130 | 49 | 80 |
| K3KMO | " | 40,120 | 126 | 45 | 73 |
| W3PN | " | 36,771 | 123 | 31 | 72 |
| W3BIP | " | 33,060 | 103 | 39 | 75 |
| W1QMM/3 | " | 19,264 | 85 | 35 | 51 |
| W3CAA | " | 18,723 | 81 | 29 | 50 |
| WA3BAS | " | 17,962 | 75 | 38 | 50 |
| W3KCF | " | 16,133 | 80 | 27 | 46 |
| W3AXW | " | 14,940 | 72 | 36 | 47 |
| W3ALB | " | 7,722 | 55 | 19 | 35 |
| K3MCO | " | 6,890 | 49 | 23 | 30 |
| W3ISE | " | 3,268 | 29 | 18 | 24 |
| W3DRD | " | 100 | 6 | 5 | 5 |
| W3AFM | 14 | 125,499 | 328 | 33 | 98 |
| W3MFJ | " | 73,564 | 244 | 30 | 76 |
| W3BYX | " | 53,088 | 193 | 27 | 69 |
| W3CCU | " | 14,148 | 130 | 19 | 35 |
| W3ORU | " | 5,895 | 60 | 16 | 29 |
| W3UHV | 7 | 4,995 | 50 | 16 | 29 |
| W3QEA | " | 1,274 | 17 | 11 | 15 |
| W3QZ | " | 576 | 12 | 7 | 11 |
| W4YHD | A | 481,052 | 538 | 96 | 223 |
| WA4NGO | A | 402,462 | 546 | 80 | 181 |
| W4BVV | A | 222,480 | 378 | 71 | 135 |
| WA4OAE | " | 202,176 | 309 | 72 | 136 |
| K4BAI | " | 200,790 | 332 | 78 | 152 |
| K4EZ | " | 121,089 | 258 | 64 | 117 |
| K4YWH | " | 114,912 | 224 | 66 | 123 |
| K4SHB | " | 100,368 | 218 | 59 | 105 |
| W4OPM | " | 73,602 | 183 | 43 | 98 |
| K4LPW | " | 58,374 | 149 | 55 | 86 |
| WA4CGA | " | 43,260 | 134 | 56 | 84 |
| W4GF | " | 37,290 | 122 | 39 | 71 |
| W4PTR | " | 36,840 | 117 | 48 | 72 |
| W4RVW | " | 30,629 | 108 | 41 | 68 |
| W4ZM | " | 28,224 | 96 | 39 | 63 |
| W40MW | " | 25,650 | 111 | 34 | 61 |
| W4LRN | " | 16,007 | 72 | 38 | 53 |
| K4NMN | " | 14,007 | 62 | 36 | 51 |
| W4WBC | " | 11,895 | 72 | 24 | 41 |



Karl, OE3TL, receiving lunch from the XYL while the other two members of the team are keeping the ball rolling, OE1-1428 at the operating position and OE3LI "spotting."



JA1BUI—This must have been during a field day operation, doubt if this was the set-up during our contest.



The father/son team of Jeff and Tubby Vale at VK5ZP who in the past few years have proven that it's possible to come up with a top score from "Down Under."

| | | | | | |
|-------------------|-----|---------|------|-----|-----|
| WA6KNE | " | 7,599 | 52 | 16 | 35 |
| W6BIL | " | 3,075 | 35 | 17 | 24 |
| WB5MEQ | " | 180 | 7 | 4 | 5 |
| WGAM | 7 | 161,991 | 468 | 37 | 86 |
| KG6HV | " | 60,726 | 245 | 33 | 54 |
| W6EPZ | " | 50,224 | 203 | 30 | 56 |
| W6FSJ | " | 31,710 | 162 | 28 | 42 |
| W6LCX | " | 22,260 | 129 | 28 | 32 |
| K6IEC | " | 2,650 | 38 | 12 | 13 |
| WB6JMQ | " | 234 | 9 | 6 | 7 |
| K6BPR | 3.5 | 5,440 | 75 | 13 | 19 |
| W6JTB/6 | 1.8 | 30 | 20 | 3 | 2 |
| W7ESK | A | 316,680 | 488 | 90 | 142 |
| W7Y | " | 218,241 | 435 | 75 | 102 |
| W7DLR | " | 15,343 | 82 | 28 | 39 |
| W7BTH | " | 5,400 | 45 | 24 | 30 |
| WA7ABW | " | 5,365 | 56 | 16 | 21 |
| K7CPC | " | 4,788 | 52 | 17 | 19 |
| W7POU | " | 1,326 | 17 | 13 | 13 |
| W7JR | " | 1,044 | 20 | 9 | 9 |
| K7UCH | 14 | 54,610 | 226 | 32 | 54 |
| W7LV | " | 21,299 | 124 | 24 | 35 |
| K7GAD | 7 | 8,080 | 74 | 19 | 21 |
| W6RST/7 | " | 7,718 | 83 | 14 | 20 |
| W7MX | " | 3,504 | 50 | 11 | 13 |
| W7JLU | 3.5 | 2,648 | 44 | 14 | 13 |
| W8JJN | A | 401,579 | 463 | 100 | 213 |
| W8DGP | " | 121,256 | 248 | 66 | 213 |
| WA8CZH | " | 72,358 | 189 | 54 | 89 |
| W8SYR | " | 68,211 | 176 | 49 | 94 |
| W8JJW | " | 23,638 | 79 | 44 | 62 |
| K8SWE | " | 8,215 | 53 | 15 | 38 |
| W8WZ | 21 | 35,615 | 150 | 25 | 60 |
| W8UCI | " | 14,190 | 81 | 23 | 43 |
| W8VND | " | 10,032 | 69 | 21 | 36 |
| W8VSK | 14 | 110,814 | 284 | 36 | 102 |
| W8RLT | " | 105,524 | 286 | 32 | 92 |
| K8ANA | " | 70,299 | 227 | 29 | 78 |
| W8RXY | " | 55,528 | 216 | 26 | 62 |
| W8HUD | " | 50,300 | 176 | 29 | 71 |
| W8EW | " | 23,025 | 111 | 23 | 52 |
| K8AEX | " | 20,069 | 121 | 19 | 42 |
| K8CXM | " | 17,199 | 97 | 22 | 41 |
| W8KC | " | 5,530 | 54 | 12 | 23 |
| W8TRN | " | 4,884 | 42 | 15 | 19 |
| WA8EWT | " | 1,484 | 22 | 11 | 17 |
| W8FGX | 7 | 90,906 | 296 | 30 | 79 |
| K8NMG | " | 3,040 | 29 | 17 | 23 |
| W9IOP | A | 245,752 | 460 | 71 | 150 |
| WA9AXX | " | 4,788 | 46 | 14 | 24 |
| W9QWM | " | 3,580 | 45 | 21 | 24 |
| W9VSO | " | 3,531 | 36 | 14 | 19 |
| WA9GYZ | 28 | 6 | 1 | 1 | 1 |
| W9AQW | 14 | 96,096 | 300 | 31 | 81 |
| W9SCZ | " | 24,696 | 103 | 25 | 59 |
| WA9IUL | " | 2,822 | 33 | 14 | 20 |
| K9VQK | " | 392 | 11 | 6 | 8 |
| K9DTB | " | 300 | 10 | 7 | 8 |
| W9HUZ | 7 | 25,575 | 123 | 24 | 51 |
| W9YYG | " | 22,876 | 112 | 24 | 52 |
| W9PNE | 3.5 | 2,470 | 44 | 10 | 16 |
| W8GNX | A | 34,720 | 134 | 48 | 64 |
| W8LBB | " | 19,602 | 91 | 37 | 44 |
| K8JPL | " | 13,950 | 64 | 42 | 48 |
| W8TDR | " | 11,968 | 64 | 26 | 42 |
| W8TCX | 21 | 16,077 | 86 | 24 | 45 |
| W8LBS | " | 5,865 | 45 | 21 | 30 |
| WA8IFJ | " | 266 | 8 | 6 | 8 |
| W8AII | 14 | 60,562 | 203 | 32 | 75 |
| K8KKU | " | 53,910 | 209 | 29 | 61 |
| W8GDX | " | 40,702 | 151 | 32 | 62 |
| W8VBA | " | 36,177 | 140 | 30 | 63 |
| WA8EMS | " | 34,944 | 150 | 26 | 58 |
| W8EQN | " | 23,560 | 130 | 25 | 51 |
| K8ZBO | 7 | 10,260 | 90 | 21 | 33 |
| Bahamas | | | | | |
| VP7BG | A | 208,000 | 833 | 48 | 77 |
| Barbados | | | | | |
| VP6BW | A | 65,280 | 629 | 21 | 30 |
| VP6AT | 7 | 6,696 | 135 | 8 | 16 |
| Bermuda | | | | | |
| VP9EP | A | 30,400 | 298 | 24 | 26 |
| VP9FT | 7 | 3,962 | 141 | 7 | 7 |
| British Honduras | | | | | |
| VP1TA | 14 | 29,498 | 330 | 17 | 26 |
| Canada | | | | | |
| VE1EK | A | 5,265 | 57 | 20 | 25 |
| VE1TG | 21 | 12,040 | 147 | 17 | 23 |
| VE1ACE | " | 1,008 | 74 | 4 | 3 |
| VE1DB | 14 | 1,690 | 26 | 11 | 15 |
| VE2NV | A | 215,912 | 451 | 66 | 131 |
| VE2ATU | " | 50,112 | 220 | 34 | 62 |
| VE2AZQ | 3.5 | 390 | 40 | 3 | 2 |
| VE2UQ | 1.8 | 2,626 | 102 | 6 | 7 |
| VE3BWW | A | 19,923 | 109 | 40 | 47 |
| VE3AXF | " | 14,982 | 88 | 27 | 41 |
| VE3BMB | 21 | 3,774 | 54 | 15 | 19 |
| VE3ES | 14 | 13,090 | 90 | 20 | 35 |
| VE3AU | 3.5 | 13,908 | 166 | 11 | 27 |
| VE3ABG | 1.8 | 1,140 | 70 | 5 | 5 |
| VE4OX | 14 | 4,880 | 44 | 18 | 22 |
| VE6VO | A | 2,079 | 28 | 12 | 15 |
| VE7BDJ | A | 45,710 | 308 | 33 | 37 |
| VE8BB | " | 1,890 | 64 | 9 | 6 |
| Dominican Rep. | | | | | |
| HI8WSR | A | 189,162 | 811 | 45 | 68 |
| Jamaica | | | | | |
| 6Y5MJ | A | 52,546 | 600 | 21 | 22 |
| Mexico | | | | | |
| XE1PJ | 21 | 10,920 | 130 | 18 | 21 |
| Puerto Rico | | | | | |
| KP4A00 | A | 445,060 | 935 | 78 | 160 |
| KP4BPH | 21 | 2,424 | 102 | 7 | 5 |
| KP4BBN | 14 | 65,264 | 384 | 22 | 51 |
| Africa | | | | | |
| Angola | | | | | |
| CR6AI | A | 253,581 | 499 | 54 | 127 |
| CR6GS | " | 19,188 | 125 | 17 | 35 |
| Cape Verde Is. | | | | | |
| CR4BB | A | 120,274 | 265 | 57 | 85 |
| Crozet Is. | | | | | |
| FB8WW | A | 7,228 | 63 | 22 | 30 |
| Kerguelen Is. | | | | | |
| FB8XX | A | 61,560 | 180 | 37 | 71 |
| Libya | | | | | |
| 5A3TX | A | 432,464 | 816 | 52 | 127 |
| 5A1TW | 7 | 227,814 | 918 | 22 | 64 |
| Madagascar | | | | | |
| 5R8AM | 14 | 13,728 | 109 | 20 | 28 |
| Morocco | | | | | |
| CN8GB | A | 193,371 | 505 | 40 | 89 |
| Mozambique | | | | | |
| CR7IZ | A | 166,926 | 457 | 49 | 80 |
| CR7HC | " | 3,016 | 41 | 14 | 15 |
| CR7CD | 14 | 7,279 | 90 | 14 | 15 |
| Republic of Congo | | | | | |
| 9Q5AB | A | 276,000 | 602 | 56 | 114 |
| 9Q5QR | " | 195,888 | 384 | 54 | 122 |
| 9Q5TI | 21 | 80,636 | 343 | 24 | 52 |
| 9Q5HD | 14 | 51,904 | 278 | 23 | 41 |
| Reunion Island | | | | | |
| FR7ZD | A | 195,132 | 502 | 49 | 89 |
| Rhodesia | | | | | |
| ZE3JJ | 21 | 39,837 | 276 | 16 | 33 |
| ZE8JO | 14 | 41,602 | 232 | 25 | 37 |
| ZE2KV | " | 8,684 | 78 | 20 | 32 |
| ZE3JO | " | 6,556 | 60 | 16 | 28 |
| Sierra Leone | | | | | |
| 9L1TL | 21 | 95,432 | 413 | 23 | 56 |
| Somalia | | | | | |
| 6O6BW | A | 323,188 | 648 | 56 | 116 |
| South Africa | | | | | |
| ZS6AJD | A | 197,946 | 545 | 44 | 82 |
| ZS10 | " | 552 | 16 | 7 | 5 |
| ZS6IW | 21 | 405,460 | 1236 | 30 | 80 |
| ZS2HI | 14 | 105,340 | 406 | 27 | 65 |
| ZS6AJQ | " | 57,032 | 279 | 23 | 49 |
| ZS5UP | " | 38,637 | 180 | 25 | 56 |
| Uganda | | | | | |
| 5X5IU | 14 | 86,800 | 373 | 30 | 50 |
| Zambia | | | | | |
| 9J2W | A | 436,189 | 888 | 59 | 110 |
| 9J2JG | " | 23,030 | 131 | 28 | 42 |
| 9J2BC | 21 | 76,692 | 312 | 25 | 59 |
| 9J2VB | 14 | 303,420 | 796 | 34 | 96 |
| Asia | | | | | |
| Bahrain Is. | | | | | |
| MP4BEK | 14 | 61,894 | 304 | 21 | 58 |
| Ceylon | | | | | |
| 4S7NE | A | 78,650 | 230 | 53 | 77 |
| 4S7DA | 14 | 6,255 | 65 | 18 | 27 |
| Cyprus | | | | | |
| ZC4TX | 3.5 | 7,588 | 110 | 6 | 22 |

| Hong Kong | | | |
|-----------|-----|---------|------------|
| VS6FF | A | 28,272 | 250 29 47 |
| VS6AJ | 14 | 76,680 | 351 30 78 |
| India | | | |
| VU2RM | A | 60,784 | 202 46 85 |
| VU2CK | 14 | 32,823 | 228 22 41 |
| Iran | | | |
| EP2RC | A | 396,893 | 615 56 161 |
| Israel | | | |
| 4X4MR | 21 | 35,154 | 198 18 44 |
| 4X4FA | 7 | 174,505 | 781 25 60 |
| 4X4DH | 3.5 | 55,440 | 301 14 49 |
| Japan | | | |
| JA1VX | A | 291,519 | 606 71 106 |
| JA1CG | A | 145,470 | 424 55 75 |
| JA7AD | " | 78,859 | 290 49 58 |
| JA2WB | " | 38,700 | 184 42 48 |
| JA1EFG | " | 25,004 | 148 37 59 |
| JA1PT1 | " | 12,833 | 110 22 19 |
| JA2PY | " | 12,476 | 104 24 24 |
| JA8SW | " | 12,096 | 94 28 28 |
| JA1AIU | " | 10,442 | 115 21 25 |
| JA1ORM | " | 7,661 | 76 23 24 |
| JA1DUH | " | 6,468 | 64 22 20 |
| JA1MIN | " | 5,712 | 83 18 16 |
| JA7MJ | " | 5,048 | 62 20 21 |
| JA7CPE | " | 3,610 | 52 18 20 |
| JA4AKL | " | 2,755 | 49 13 16 |
| JA8BB | " | 2,312 | 34 16 18 |
| JA4FM | " | 1,376 | 24 16 16 |
| JA6YBR | " | 950 | 29 13 12 |
| JA1HGJ | 28 | 110 | 7 5 5 |
| JA6TQ | 21 | 11,450 | 93 20 30 |
| JA1KSO | 21 | 10,335 | 105 18 21 |
| JA7UJ | " | 8,288 | 85 17 20 |
| JA1LPZ | " | 7,605 | 76 20 19 |
| JA1HKP | " | 6,201 | 65 18 21 |
| JA7BMK | " | 4,662 | 51 18 19 |
| JA3DWT | " | 4,000 | 54 15 17 |
| JA2ETU | " | 3,388 | 47 16 12 |
| JA3DAY | " | 2,996 | 45 14 14 |
| JA1NLX | " | 2,940 | 42 14 14 |
| JA0ACO | " | 2,112 | 36 13 11 |
| JA1CYV | " | 1,950 | 32 13 12 |
| JA1BWA | 14 | 164,300 | 591 33 67 |
| JA1CFD | 14 | 58,433 | 300 26 45 |
| JA2JW | 14 | 54,366 | 244 31 51 |
| JA6ACZ | " | 40,920 | 220 26 40 |
| JA1DFQ | " | 34,440 | 226 23 33 |
| JA3BN | " | 32,835 | 222 23 32 |
| JA5ACF | " | 31,801 | 167 28 49 |
| JA4BJO | " | 30,532 | 183 25 43 |
| JA1FDU | " | 28,362 | 190 23 35 |
| JA1IFP | " | 28,080 | 218 23 31 |
| JA7MN | " | 24,440 | 203 20 27 |
| JA8GR | " | 21,981 | 172 22 29 |
| JA1HOM | " | 15,861 | 136 21 30 |
| JA3BVG | " | 12,180 | 119 19 23 |
| JA2ANX | " | 12,006 | 78 26 32 |
| JA1CXC | " | 11,979 | 148 15 18 |
| JA1BAU | " | 9,792 | 102 18 18 |
| JA6PN | " | 9,760 | 92 18 22 |
| JA8AJM | " | 9,494 | 100 21 26 |
| JA1IFB | " | 9,239 | 110 17 20 |
| JA2TH | " | 9,016 | 81 20 26 |
| JA1AKH | " | 8,502 | 105 18 21 |
| JA1EL | " | 5,232 | 71 20 28 |
| JA2CVK | " | 5,046 | 76 14 15 |
| JA3CEV | " | 4,896 | 61 16 16 |
| JA3EOP | " | 4,712 | 50 19 19 |
| JA8YAU | " | 4,407 | 55 17 22 |
| JA4AQR | " | 4,148 | 66 17 17 |
| JA7AKC | " | 3,185 | 45 16 19 |
| JA3HLJ | " | 2,125 | 40 11 14 |
| JA2PH | " | 1,320 | 35 10 11 |
| JA2TY | " | 990 | 28 10 12 |
| JA4ABN | " | 980 | 24 9 11 |
| JA2QS | " | 240 | 11 8 8 |
| JA1AEA | 7 | 69,264 | 365 27 45 |
| JA1YL | 7 | 62,530 | 335 27 38 |
| JA1BX | " | 30,030 | 182 25 41 |
| JA7AKQ | " | 14,455 | 124 21 28 |
| JA1LWI | " | 12,669 | 110 17 24 |
| JA2DCN | " | 9,225 | 87 21 24 |
| JA1KUU | " | 8,296 | 90 16 18 |
| JA7XF | " | 7,128 | 83 17 19 |
| JA1PVK | " | 3,504 | 63 12 12 |
| JA6AKL | " | 2,565 | 48 13 14 |
| JA2CBK | " | 704 | 31 6 5 |
| JA2BVS | " | 680 | 30 5 5 |
| JA8AE/1 | " | 620 | 22 5 5 |
| JA1JQY | " | 590 | 31 5 5 |
| JA1JWM | " | 440 | 29 4 6 |
| JA3BCT | " | 90 | 7 3 3 |
| JA6BWH | " | 65 | 6 2 3 |
| JA1MJA | " | 6 | 1 1 1 |
| JA1BK | 3.5 | 3,567 | 49 13 16 |

| JA1LDM | " | 653 | 21 8 9 |
|----------------|-----|---------|------------|
| JA3AA | 1.8 | 3 | 6 1 2 |
| KA2CM | 14 | 21,443 | 205 20 21 |
| Korea | | | |
| HM1BB | A | 22,066 | 193 24 35 |
| HL9KA | " | 12,282 | 107 20 26 |
| HL9KB | " | 5,688 | 116 16 20 |
| Malaysia | | | |
| 9M4LX | A | 494,910 | 684 86 184 |
| 9M4LP | A | 406,032 | 683 97 167 |
| 9M4JW | 14 | 26,625 | 165 26 45 |
| 9M4JY | " | 24,640 | 171 27 50 |
| Mongolia | | | |
| JT1AJ | 14 | 960 | 40 9 11 |
| JT1KAE | " | 885 | 37 7 8 |
| Lebanon | | | |
| OD5LX | A | 162,526 | 426 39 94 |
| Pakistan, East | | | |
| AP5CP | 14 | 4,120 | 73 17 23 |
| Pakistan, West | | | |
| AP5HQ | 14 | 15,376 | 110 20 42 |
| Ryukyu Is. | | | |
| KR6BQ | A | 384,385 | 760 84 131 |
| KR6GJ | " | 315,168 | 855 57 90 |
| KR6JZ | 14 | 32,768 | 209 26 38 |
| KR8AG | " | 3,875 | 73 15 16 |
| U.S.S.R. | | | |
| Armenia | | | |
| UG6AD | 7 | 18,146 | 150 9 34 |
| UG6AV | " | 1,938 | 39 5 12 |
| UG6AI | " | 992 | 22 5 11 |
| Asiatic | | | |
| UA9EU | A | 16,995 | 107 19 36 |
| UA9FM | " | 16,422 | 95 19 50 |
| UA9TP | " | 5,372 | 54 9 25 |
| UA9SH | " | 459 | 11 9 8 |
| UA9VB | 21 | 38,142 | 237 23 55 |
| UW9WB | " | 8,732 | 76 15 33 |
| UA9BZ | 14 | 41,730 | 242 16 49 |
| UA9FJ | " | 19,320 | 105 19 51 |
| UW9CS | " | 10,212 | 90 13 33 |
| UA9DK | " | 9,367 | 112 7 22 |
| UA9FV | " | 8,680 | 87 8 27 |
| UA9VJ | " | 8,448 | 99 18 26 |
| UA9VA | " | 8,240 | 100 12 28 |
| UA9WZ | " | 3,952 | 54 8 18 |
| UA9KJA | " | 2,530 | 38 6 17 |
| UA9KJA | " | 2,373 | 39 6 15 |
| UA9WS | 7 | 62,685 | 355 17 46 |
| UA9AH | " | 34,907 | 230 20 47 |
| UA9AC | 3.5 | 17,568 | 188 8 26 |
| UA9KWA | " | 16,416 | 155 7 31 |
| UA9CM | " | 8,288 | 103 7 21 |
| UA9RD | " | 4,100 | 62 8 17 |
| UA9AG | A | 52,565 | 224 31 68 |
| UA9GF | " | 20,718 | 229 32 30 |
| UA9LJ | " | 17,034 | 178 23 28 |
| UA9MQ | " | 9,535 | 165 17 25 |
| UA9MI | " | 7,912 | 117 21 20 |
| UA9LS | " | 5,562 | 146 13 14 |
| UA9BU | " | 5,200 | 85 14 28 |
| UA9CC | " | 1,740 | 57 10 10 |
| UA9ML | " | 1,720 | 52 8 12 |
| UA9LL | " | 744 | 22 7 5 |
| UA9LH | 14 | 13,095 | 148 18 27 |
| UW9IX | " | 8,160 | 115 15 15 |
| UA9NA | " | 7,194 | 114 14 19 |
| UA9GM | " | 5,550 | 64 17 20 |
| UA9JW | " | 1,581 | 67 8 9 |
| Azerbaijan | | | |
| UD6BD | A | 39,852 | 141 28 80 |
| UD6BN | " | 15,435 | 164 16 29 |
| UD6AY | " | 14,454 | 91 22 44 |
| UD6FA | " | 1,680 | 28 8 20 |
| UD6AM | 21 | 20,300 | 172 17 41 |
| UD6BZ | 14 | 66,490 | 227 30 79 |
| UD6AX | " | 31,563 | 189 17 40 |
| UD6BW | 7 | 9,348 | 94 10 28 |
| UD6GF | " | 2,363 | 60 4 13 |
| Georgia | | | |
| UF6KAE | 7 | 10,582 | 138 5 21 |
| Kazakh | | | |
| UL7JE | A | 150,540 | 489 38 84 |
| UL7CH | " | 100,152 | 350 31 76 |
| UL7LK | " | 46,793 | 237 23 50 |
| UL71R | " | 19,272 | 111 19 47 |
| UL7HV | " | 13,056 | 101 15 33 |
| UL7KBA | 14 | 3,900 | 56 10 20 |
| Tadzhik | | | |
| UJ8AH | A | 25,710 | 146 20 45 |
| Turkoman | | | |
| UH8AA | A | 284,240 | 520 59 150 |
| UH8BO | 14 | 33,001 | 213 17 44 |
| UH8CR | " | 10,982 | 112 8 26 |

| Uzbek | | | |
|---------------------|-----|---------|------------|
| UI8LB | A | 225,063 | 546 45 108 |
| UI8AI | 21 | 4,828 | 52 12 22 |
| UI8LC | 7 | 21,956 | 194 12 32 |
| UI8BZ | " | 5,536 | 59 7 20 |
| Europe | | | |
| Aland Island | | | |
| OH0NH | A | 3,510 | 72 16 29 |
| OH0NI | " | 780 | 22 11 15 |
| OH0NJ | " | 672 | 35 6 15 |
| Austria | | | |
| OE1ZK | A | 77,724 | 409 38 89 |
| OE1TT | 14 | 24,696 | 98 32 66 |
| OE1KU | 1.8 | 261 | 29 3 6 |
| Channel Is (Jersey) | | | |
| GC4LI | A | 28,938 | 180 28 50 |
| Bulgaria | | | |
| LZ1DV | A | 49,178 | 232 42 92 |
| LZ2HK | " | 16,472 | 198 20 51 |
| LZ1KP | " | 630 | 33 6 15 |
| LZ1CF | 21 | 10,502 | 60 23 36 |
| LZ1KOP | " | 5,520 | 49 17 29 |
| LZ1AG | " | 3,572 | 55 14 24 |
| LZ2VB | 14 | 15,399 | 157 18 41 |
| LZ1KAJ | 7 | 10,498 | 107 18 40 |
| LZ2AW | " | 33,215 | 407 15 50 |
| LZ2KSU | " | 18,758 | 286 10 39 |
| LZ2KKR | " | 8,987 | 176 9 34 |
| LZ1KM | " | 7,236 | 169 11 25 |
| LZ1KS | " | 5,708 | 162 8 25 |
| LZ2KA | " | 4,920 | 93 8 32 |
| LZ2KDC | " | 3,630 | 99 8 23 |
| LZ2CS | " | 3,103 | 98 6 23 |
| LZ2DK | " | 3,100 | 92 6 25 |
| LZ2PD | " | 2,291 | 78 7 22 |
| LZ1MK | " | 2,001 | 63 7 22 |
| LZ1DZ | 3.5 | 1,976 | 66 6 20 |
| LZ1BK | " | 22,360 | 389 9 43 |
| LZ2KBA | " | 9,044 | 250 6 28 |
| LZ2KHN | " | 5,808 | 163 6 27 |
| | | 288 | 24 4 8 |
| Czechoslovakia | | | |
| OK1BY | A | 179,985 | 494 53 116 |
| OK1IQ | A | 179,469 | 550 53 154 |
| OK1AFC | A | 169,261 | 451 66 147 |
| OK3CBR | " | 129,195 | 521 51 114 |
| OK2QX | " | 118,825 | 486 52 123 |
| OK2KGD | " | 104,975 | 366 52 115 |
| OK1PD | " | 90,540 | 248 63 117 |
| OK1ABP | " | 78,208 | 366 41 87 |
| OK1SV | " | 59,451 | 209 44 89 |
| OK1ADM | " | 39,406 | 187 40 82 |
| OK2LN | " | 30,576 | 186 30 82 |
| OK2BEN | " | 29,930 | 215 22 60 |
| OK1AFN | " | 23,712 | 317 14 62 |
| OK3CCC | " | 23,208 | 145 30 64 |
| OK2BBI | " | 20,726 | 163 30 56 |
| OK2ABU | " | 16,946 | 185 21 53 |
| OK1OO | " | 13,020 | 143 14 48 |
| OK2BEC | " | 10,497 | 96 15 42 |
| OK2BFT | " | 5,324 | 104 14 30 |
| OK2AJ | " | 4,366 | 116 8 29 |
| OK2BCI | " | 4,004 | 39 21 31 |
| OK2OL | " | 3,922 | 48 17 36 |
| OK1TW | " | 2,925 | 53 13 26 |
| OK1LW | " | 2,200 | 49 10 30 |
| OK2BCZ | " | 1,880 | 41 11 29 |
| OK1AAZ | " | 1,050 | 25 11 19 |
| OK2KFK | " | 60 | 12 3 7 |
| OK1GT | 21 | 26,026 | 130 55 22 |
| OK1MX | " | 4,961 | 44 17 24 |
| OK3IC | " | 3,536 | 36 13 21 |
| OK2BEJ | " | 2,236 | 32 11 15 |
| OK1MP | " | 640 | 13 10 10 |
| OK1ZL | 14 | 136,160 | 492 30 85 |
| OK1IK | " | 48,887 | 290 27 56 |
| OK3OM | " | 37,931 | 215 26 57 |
| OK1BMM | " | 37,164 | 213 23 53 |
| OK3CAO | " | 13,616 | 162 15 31 |
| OK3CCT | " | 2,914 | 34 16 15 |
| OK3UI | 7 | 67,053 | 478 24 69 |
| OK1LZ | " | 24,633 | 268 16 47 |
| OK2BDY | " | 2,952 | 48 10 26 |
| OK1PG | " | 2,268 | 65 8 20 |
| OK1ADH | " | 572 | 26 6 16 |
| OK1AEH | " | 272 | 15 5 11 |
| OK1MG | 3.5 | 32,640 | 401 11 49 |
| OK2RO | 3.5 | 12,420 | 255 8 38 |
| OK2KR | " | 10,215 | 208 7 38 |
| OK2KHF | " | 8,550 | 261 6 32 |
| OK2BEH | " | 6,228 | 174 5 31 |
| OK1AT | " | 5,616 | 141 7 32 |
| OK2BFX | " | 4,624 | 126 5 29 |
| OK2BGH | " | 4,046 | 113 6 28 |
| OK3CFI | " | 2,050 | 83 4 21 |
| OK2KVI | " | 1,800 | 84 4 20 |

| | | | | | |
|--------|-----|-------|-----|---|----|
| OK3CEV | " | 1,606 | 80 | 4 | 18 |
| OK1AIL | " | 1,081 | 55 | 5 | 18 |
| OK2KOV | " | 860 | 53 | 4 | 16 |
| OK1JAL | " | 770 | 35 | 3 | 19 |
| OK2BEY | " | 420 | 45 | 4 | 10 |
| OK2BGV | " | 120 | 16 | 3 | 7 |
| OK3CFS | " | 30 | 10 | 2 | 4 |
| OK1ZC | 1.8 | 3,060 | 167 | 5 | 15 |
| OK1WTT | " | 1,545 | 110 | 3 | 12 |
| OK3CFP | " | 736 | 52 | 3 | 13 |

Denmark

| | | | | | |
|-------|-----|--------|-----|----|-----|
| OZ4RT | A | 65,940 | 275 | 48 | 109 |
| OZ1LO | " | 25,896 | 222 | 26 | 57 |
| OZ7BW | " | 11,932 | 112 | 25 | 51 |
| OZ4DX | " | 10,368 | 123 | 17 | 37 |
| OZ4H | " | 4,410 | 70 | 16 | 26 |
| OZ5DX | 14 | 27,023 | 181 | 22 | 59 |
| OZ1TL | 3.5 | 6,240 | 106 | 8 | 40 |

England

| | | | | | |
|-------|-----|---------|-----|----|-----|
| G2DC | A | 148,176 | 343 | 54 | 142 |
| G8FC | " | 127,565 | 414 | 50 | 105 |
| G3FTQ | " | 33,853 | 235 | 28 | 69 |
| G2AJB | " | 23,556 | 154 | 27 | 51 |
| G3HZL | " | 23,115 | 140 | 40 | 75 |
| G3DXY | " | 29,944 | 284 | 21 | 55 |
| G3MWZ | " | 12,408 | 114 | 22 | 44 |
| G3NVK | " | 8,448 | 80 | 23 | 43 |
| G3HCT | 21 | 35,773 | 175 | 26 | 57 |
| G3FKM | 14 | 110,635 | 372 | 32 | 77 |
| G3PJW | " | 20,475 | 280 | 14 | 31 |
| G8DI | " | 5,472 | 99 | 9 | 29 |
| G3RJB | " | 1,536 | 55 | 6 | 64 |
| G3HDA | 7 | 43,368 | 357 | 23 | 63 |
| G3DDY | " | 29,944 | 284 | 21 | 55 |
| G3ESF | " | 20,436 | 329 | 13 | 39 |
| G3GGS | " | 13,395 | 173 | 16 | 41 |
| G3OLN | " | 3,480 | 60 | 13 | 27 |
| G3RAU | 1.8 | 1,660 | 71 | 4 | 16 |
| G5MP | " | 312 | 28 | 2 | 10 |

Finland

| | | | | | |
|-------|---|---------|-----|----|-----|
| OH2PM | A | 185,430 | 507 | 63 | 147 |
| OH5VF | A | 48,816 | 356 | 51 | 120 |
| OH3ZN | " | 46,035 | 245 | 33 | 168 |
| OH4OP | " | 23,358 | 138 | 33 | 69 |
| OH2YL | " | 11,704 | 71 | 27 | 49 |
| OH3YI | " | 11,661 | 150 | 20 | 49 |
| OH5UQ | " | 10,564 | 69 | 30 | 46 |



The 14 and 3.5 mc positions at OH2AA. That's OH2SB working the paddle on 20 and OH2BT on 80, with OH2FS having a bite to eat.



| | | | | | |
|--------|-----|--------|-----|----|----|
| OH3AG | " | 9,625 | 81 | 15 | 40 |
| OH5PT | " | 6,804 | 60 | 17 | 37 |
| OH7NW | " | 5,029 | 81 | 15 | 32 |
| OH3QC | " | 1,768 | 34 | 23 | 29 |
| OH2AC | " | 1,225 | 37 | 8 | 17 |
| OH5TM | 21 | 3,162 | 23 | 3 | 17 |
| OH2BR | " | 819 | 16 | 3 | 13 |
| OH2CK | 14 | 30,798 | 165 | 26 | 51 |
| AH3XZ | " | 16,815 | 174 | 18 | 39 |
| OH2DU | " | 6,212 | 111 | 10 | 32 |
| OH9GW | " | 3,675 | 91 | 10 | 25 |
| OH3NR | " | 3,564 | 89 | 9 | 18 |
| OH2BBN | " | 2,070 | 36 | 9 | 21 |
| OH5RZ | " | 1,380 | 30 | 8 | 15 |
| OH1VR | " | 900 | 20 | 9 | 11 |
| OH2RD | " | 45 | 5 | 4 | 5 |
| OH1YA | 7 | 25,900 | 223 | 19 | 55 |
| OH5TS | " | 24,771 | 267 | 18 | 51 |
| OH2BAZ | " | 16,131 | 232 | 13 | 44 |
| OH9NV | " | 13,862 | 183 | 15 | 43 |
| OH2BDA | " | 99 | 8 | 5 | 6 |
| OH2BS | 3.5 | 16,560 | 299 | 8 | 40 |
| OH5VD | " | 1,836 | 58 | 6 | 21 |
| OH6RE | " | 800 | 36 | 6 | 14 |
| OH2BDN | " | 256 | 16 | 9 | 7 |
| OH3MF | " | 140 | 15 | 3 | 7 |
| OH2HK | 1.8 | 612 | 51 | 3 | 9 |
| OH3NY | " | 300 | 30 | 2 | 8 |

France

| | | | | | |
|------|----|---------|-----|----|-----|
| F8TM | A | 103,320 | 371 | 49 | 115 |
| F3PK | " | 95,976 | 323 | 46 | 83 |
| F3OP | " | 77,945 | 337 | 35 | 96 |
| F3AT | " | 43,030 | 153 | 44 | 86 |
| F3JL | " | 34,076 | 177 | 36 | 56 |
| F2MA | 21 | 19,551 | 131 | 21 | 36 |

Germany

| | | | | | |
|--------|-----|---------|-----|----|-----|
| DL7AA | A | 208,610 | 385 | 74 | 156 |
| DL8FR | A | 194,394 | 585 | 56 | 125 |
| DL7JK | A | 183,624 | 600 | 53 | 119 |
| DL2HH | A | 172,550 | 424 | 67 | 136 |
| DL9PU | " | 123,145 | 376 | 55 | 102 |
| DJ3CI | " | 99,821 | 286 | 54 | 119 |
| DL1JF | " | 85,315 | 280 | 48 | 103 |
| DJ3ZV | " | 75,405 | 205 | 56 | 109 |
| DL7BQ | " | 70,080 | 304 | 39 | 81 |
| DJ8IF | " | 69,050 | 358 | 37 | 85 |
| DJ8PN | " | 68,580 | 227 | 41 | 83 |
| DL8AJ | " | 54,712 | 244 | 37 | 87 |
| DL1AM | " | 45,784 | 216 | 31 | 87 |
| DJ2NN | " | 45,494 | 205 | 38 | 48 |
| DL7HA | " | 43,472 | 200 | 34 | 70 |
| DL1ES | " | 25,368 | 176 | 31 | 72 |
| DL1IA | " | 23,594 | 107 | 37 | 57 |
| DJ4HR | " | 22,102 | 162 | 25 | 61 |
| DL10W | " | 20,940 | 197 | 22 | 38 |
| DL7GF | " | 18,000 | 104 | 34 | 56 |
| DL7CF | " | 17,670 | 125 | 28 | 65 |
| DJ9MH | " | 17,252 | 212 | 19 | 57 |
| DL1XS | " | 14,450 | 100 | 30 | 55 |
| DJ2FL | " | 14,352 | 164 | 17 | 52 |
| DL1P | " | 5,415 | 82 | 18 | 39 |
| DJ8FR | " | 4,131 | 51 | 18 | 33 |
| DJ7PB | " | 3,375 | 87 | 7 | 20 |
| DJ2UU | " | 2,116 | 45 | 15 | 31 |
| DJ2EL | " | 1,092 | 19 | 12 | 14 |
| DL8ANA | 21 | 4,400 | 40 | 15 | 25 |
| DL7EG | " | 3,096 | 32 | 17 | 19 |
| DJ2BW | 14 | 153,036 | 503 | 33 | 75 |
| DJ8IK | " | 123,552 | 497 | 34 | 74 |
| DL6QWA | " | 66,066 | 294 | 28 | 63 |
| DJ2RE | " | 21,056 | 150 | 20 | 36 |
| DJ2XP | " | 11,508 | 137 | 15 | 27 |
| DJ5JH | 7 | 32,830 | 325 | 18 | 52 |
| DL7CW | " | 10,498 | 115 | 14 | 44 |
| DJ5GG | " | 5,520 | 93 | 10 | 30 |
| DJ9RY | " | 4,050 | 107 | 7 | 23 |
| DJ5DT | 3.5 | 18,981 | 243 | 12 | 45 |
| DL7AV | " | 11,139 | 227 | 7 | 40 |
| DL9CE | " | 8,229 | 149 | 7 | 32 |
| DL1JW | 1.8 | 2,784 | 192 | 3 | 13 |
| DL5GW | " | 120 | 20 | 2 | 4 |
| DL4IM | A | 97,699 | 423 | 39 | 80 |
| DL4IO | " | 1,560 | 64 | 11 | 19 |
| DL5AO | 14 | 26,390 | 224 | 20 | 38 |
| DL4RM | " | 10,944 | 125 | 13 | 23 |
| DL5GU | " | 5,358 | 79 | 15 | 23 |
| DM2AND | A | 163,548 | 368 | 66 | 132 |
| DM3ZO | A | 30,770 | 212 | 29 | 54 |
| DM3S3M | " | 16,791 | 115 | 32 | 55 |
| DM2CEL | " | 16,206 | 119 | 17 | 57 |
| DM2BBK | " | 13,804 | 137 | 23 | 45 |
| DM2BDH | " | 5,865 | 75 | 18 | 51 |
| DM3RYO | " | 3,936 | 64 | 18 | 23 |
| DM2ATD | " | 3,162 | 82 | 11 | 20 |
| DM2BJD | " | 1,680 | 24 | 12 | 16 |
| DM3RBM | " | 1,080 | 18 | 13 | 14 |
| DM2BBE | " | 276 | 15 | 5 | 7 |
| DM3YF | " | 56 | 8 | 3 | 4 |

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|--------|-----|-------|----|----|----|
| DM2ATD | 21 | 9,932 | 68 | 21 | 31 |
| DM2BDN | 14 | 650 | 30 | 7 | 8 |
| DM3BN | 7 | 2,474 | 64 | 7 | 29 |
| DM2BKH | 3.5 | 1,007 | 55 | 4 | 15 |

Greece

| | | | | | |
|--------|---|--------|-----|----|----|
| SV8WAA | A | 77,088 | 450 | 38 | 94 |
|--------|---|--------|-----|----|----|

Hungary

| | | | | | |
|-------|-----|--------|-----|----|----|
| HA0HN | A | 37,904 | 286 | 28 | 75 |
| HA3GF | A | 33,488 | 227 | 30 | 82 |
| HA9PB | " | 24,596 | 240 | 21 | 65 |
| HA1VE | " | 24,552 | 267 | 26 | 62 |
| HA5FZ | " | 20,381 | 205 | 23 | 66 |
| HA1VA | " | 11,264 | 153 | 17 | 47 |
| HA3MB | " | 11,088 | 94 | 25 | 52 |
| HA3MJ | " | 4,104 | 51 | 14 | 22 |
| HA8UH | " | 3,726 | 73 | 14 | 32 |
| HA0LG | " | 3,280 | 63 | 14 | 26 |
| HA5AI | " | 2,112 | 88 | 6 | 18 |
| HA2MJ | " | 1,960 | 40 | 13 | 22 |
| HA5BI | 21 | 1,674 | 20 | 11 | 16 |
| HA3CA | 7 | 16,224 | 239 | 10 | 42 |
| HA1VF | 3.5 | 1,037 | 60 | 4 | 13 |

Iceland

| | | | | | |
|-------|----|--------|-----|----|----|
| TF3AB | A | 20,475 | 195 | 18 | 27 |
| TF3KG | 14 | 6,600 | 90 | 12 | 21 |

Ireland

| | | | | | |
|-------|---|-------|----|----|----|
| EI2AT | A | 1,855 | 57 | 10 | 25 |
|-------|---|-------|----|----|----|

Italy

| | | | | | |
|-------|----|---------|-----|----|----|
| I1KE | A | 137,618 | 560 | 37 | 97 |
| I1NT | " | 125,020 | 500 | 37 | 96 |
| I1ER | " | 105 | 7 | 3 | 2 |
| I1SOP | 14 | 1,265 | 43 | 6 | 17 |
| I1BAY | 7 | 31,521 | 488 | 14 | 43 |
| I1HL | " | 1,708 | 50 | 8 | 20 |

I. T. U.

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|-------|----|--------|-----|----|----|
| 4U1TU | 14 | 16,884 | 199 | 13 | 23 |
|-------|----|--------|-----|----|----|

Netherlands

| | | | | | |
|--------|----|--------|-----|----|----|
| PA0LOU | A | 34,832 | 170 | 37 | 75 |
| PA0BV | " | 34,440 | 233 | 32 | 73 |
| PA0FLX | " | 11,144 | 158 | 15 | 41 |
| PA0WAC | " | 5,872 | 59 | 18 | 19 |
| PA0SNG | 14 | 78,115 | 390 | 28 | 57 |

Northern Ireland

| | | | | | |
|--------|---|--------|-----|----|----|
| GI3GAL | A | 23,166 | 156 | 28 | 53 |
|--------|---|--------|-----|----|----|

Norway

| | | | | | |
|-------|----|--------|-----|----|----|
| LA2Q | A | 23,306 | 185 | 22 | 64 |
| LA7GC | " | 12,432 | 191 | 18 | 38 |
| LA5HE | " | 9,230 | 59 | 30 | 41 |
| LA6U | " | 6,816 | 75 | 19 | 52 |
| LA7H | 21 | 2,294 | 37 | 15 | 22 |
| LA3UF | 14 | 6,642 | 86 | 12 | 29 |
| LA7UH | " | 2,784 | 66 | 10 | 22 |
| LA5IH | " | 1,541 | 80 | 5 | 18 |
| LA8WG | 7 | 2,884 | 99 | 5 | 23 |

Poland

| | | | | | |
|--------|----|---------|-----|----|-----|
| SP6AAT | A | 121,761 | 457 | 49 | 114 |
| SP2IU | A | 70,912 | 356 | 36 | 92 |
| SP6AKK | " | 49,665 | 285 | 34 | 71 |
| SP5AIB | " | 23,023 | 177 | 25 | 65 |
| SP6TG | " | 15,360 | 153 | 21 | 59 |
| SP9ZD | " | 12,204 | 130 | 14 | 40 |
| SP2AEL | " | 7,808 | 64 | 20 | 44 |
| SP3PK | " | 5,670 | 53 | 20 | 25 |
| SP9AGS | " | 3,696 | 88 | 10 | 23 |
| SP9YP | " | 2,788 | 64 | 11 | 25 |
| SP6UK | " | 2,565 | 58 | 12 | 33 |
| SP1KJW | " | 2,250 | 59 | 11 | 19 |
| SP1HU | " | 988 | 30 | 9 | 17 |
| SP6EC | " | 924 | 34 | 6 | 15 |
| SP5YC | 21 | 7,293 | 50 | 19 | 32 |
| SP7HX | " | 6,604 | 45 | 20 | 32 |
| SP1JX | " | 1,000 | 15 | 11 | 14 |
| SP3AOT | " | 893 | 19 | 8 | 11 |
| SP7AOD | " | 312 | 9 | 6 | 7 |
| SP9DH | 14 | 30,874 | 163 | 25 | 61 |
| SP5AFL | " | 7,134 | 84 | 13 | 28 |
| SP3AK | " | 1,976 | 40 | 8 | 18 |
| SP5YL | " | 1,272 | 23 | 9 | 15 |
| SP5AHW | " | 504 | 14 | 6 | 8 |
| SP8CP | 7 | 27,864 | 264 | 20 | 52 |
| SP4TW | " | 23,924 | 252 | 17 | 46 |
| SP5ARN | " | 20,800 | 231 | 17 | 47 |
| SP5ZA | " | 17,995 | 242 | 13 | 46 |
| SP9AKY | " | 8,132 | 174 | 11 | 27 |
| SP8HR | " | 2,720 | 70 | | |

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|--------|-----|--------|-----|----|----|
| Y03KAA | " | 11,703 | 169 | 13 | 34 |
| Y05LN | " | 6,048 | 96 | 10 | 32 |
| Y02BA | " | 5,628 | 107 | 17 | 25 |
| Y05KDG | " | 2,852 | 69 | 9 | 22 |
| Y08HG | " | 2,730 | 62 | 10 | 25 |
| Y07YF | " | 2,345 | 62 | 10 | 25 |
| Y03JF | " | 2,301 | 59 | 13 | 24 |
| Y02AAF | " | 1,850 | 62 | 9 | 22 |
| Y05YI | " | 1,200 | 23 | 12 | 31 |
| Y02BZ | " | 1,025 | 34 | 9 | 16 |
| Y08AP | 21 | 7,536 | 57 | 18 | 30 |
| Y03ZM | 14 | 10,834 | 167 | 12 | 29 |
| Y08KAE | 7 | 60,076 | 425 | 27 | 67 |
| Y08GZ | 7 | 23,751 | 269 | 18 | 45 |
| Y06XI | " | 20,358 | 298 | 13 | 41 |
| Y03QO | " | 5,617 | 105 | 10 | 31 |
| Y07EL | " | 5,187 | 112 | 10 | 29 |
| Y07YS | " | 3,888 | 99 | 8 | 28 |
| Y08FR | " | 2,805 | 65 | 9 | 24 |
| Y03AAK | " | 2,730 | 79 | 7 | 23 |
| Y080K | " | 2,728 | 80 | 9 | 22 |
| Y04SZ | " | 2,610 | 64 | 8 | 21 |
| Y09HI | " | 2,604 | 73 | 7 | 21 |
| Y03YZ | " | 1,846 | 61 | 6 | 20 |
| Y02FZ | " | 1,512 | 53 | 5 | 23 |
| Y06ADW | " | 1,475 | 41 | 8 | 17 |
| Y06XO | " | 1,325 | 34 | 7 | 18 |
| Y03ABE | " | 1,320 | 57 | 5 | 17 |
| Y03JW | " | 1,175 | 36 | 6 | 19 |
| Y06UJ | " | 1,152 | 40 | 7 | 17 |
| Y06KX | " | 1,128 | 44 | 5 | 19 |
| Y08GP | " | 714 | 28 | 6 | 15 |
| Y06SD | 3.5 | 1,562 | 80 | 5 | 17 |
| Y05KBP | " | 442 | 23 | 4 | 9 |

San Marino

| | | | | | |
|------|-----|--------|-----|----|----|
| M1ZG | 3.5 | 34,750 | 550 | 10 | 40 |
|------|-----|--------|-----|----|----|

Sicily

| | | | | | |
|--------|---|---------|-----|----|----|
| IT1AGA | A | 34,743 | 181 | 33 | 78 |
| IT1TAI | 7 | 115,346 | 764 | 27 | 80 |

Spain

| | | | | | |
|-------|----|--------|-----|----|----|
| EA3KT | A | 54,392 | 295 | 30 | 74 |
| EA2CR | " | 5,202 | 70 | 16 | 35 |
| EA7LY | " | 2,432 | 36 | 13 | 19 |
| EA110 | 14 | 11,868 | 128 | 11 | 32 |

Sweden

| | | | | | |
|----------|-----|---------|-----|----|-----|
| SM5CCE | A | 181,545 | 534 | 53 | 142 |
| SM6CMU | A | 54,436 | 298 | 38 | 86 |
| SM5CEU | A | 54,282 | 320 | 39 | 70 |
| SM4CMG | " | 38,850 | 183 | 39 | 72 |
| SM3SV | " | 27,744 | 167 | 31 | 65 |
| SM7AXP | " | 25,098 | 186 | 26 | 68 |
| SM5API | " | 14,280 | 111 | 19 | 37 |
| SM5FT | " | 10,260 | 162 | 13 | 41 |
| SM6CMR | " | 9,758 | 110 | 28 | 54 |
| SL3AJ | " | 7,332 | 132 | 13 | 36 |
| SM7EH | " | 5,450 | 70 | 18 | 32 |
| SM6CKU/5 | " | 5,358 | 69 | 20 | 37 |
| SM6BDS | " | 4,136 | 66 | 16 | 28 |
| SM3VE | " | 4,104 | 51 | 21 | 36 |
| SM6CAW | " | 3,680 | 41 | 20 | 28 |
| SM5CVH | " | 3,660 | 49 | 17 | 30 |
| SM6CKU/2 | " | 3,124 | 53 | 16 | 28 |
| SM5KV | 21 | 17,280 | 94 | 23 | 49 |
| SM5CQT | " | 3,848 | 40 | 14 | 23 |
| SM7AAZ | " | 1,060 | 21 | 10 | 10 |
| SM5BLU | " | 888 | 17 | 10 | 14 |
| SM2DPB | " | 128 | 8 | 4 | 4 |
| SM5DIB | 14 | 40,346 | 283 | 20 | 44 |
| SM2CZT | 14 | 30,441 | 218 | 21 | 52 |
| SM2CXO | " | 24,662 | 230 | 19 | 40 |
| SM4AD | " | 24,242 | 174 | 19 | 43 |
| SM6APQ | " | 16,960 | 163 | 17 | 23 |
| SM5BEU | " | 16,260 | 146 | 18 | 42 |
| SM2RI | " | 3,915 | 135 | 8 | 2 |
| SM5AIO | " | 1,472 | 45 | 7 | 16 |
| SM7DYF | " | 180 | 9 | 5 | 7 |
| SM3TW | 7 | 28,728 | 290 | 21 | 55 |
| SM5CAK | 7 | 26,325 | 325 | 17 | 48 |
| SM5ARQ | " | 8,988 | 196 | 10 | 32 |
| SM5BUT | " | 8,928 | 159 | 11 | 37 |
| SM5DRB | " | 6,426 | 140 | 9 | 33 |
| SM5UQ | " | 4,826 | 116 | 9 | 29 |
| SM5DSF | " | 3,920 | 100 | 8 | 27 |
| SM3DNI | " | 3,248 | 112 | 4 | 24 |
| SM5MX | 3.5 | 17,442 | 312 | 9 | 32 |
| SM6APH | " | 4,200 | 80 | 7 | 33 |
| SM4DRD | " | 555 | 38 | 4 | 11 |

Switzerland

| | | | | | |
|--------|----|---------|-----|----|-----|
| HB9JG | A | 425,541 | 667 | 82 | 167 |
| HB9ZY | " | 134,343 | 363 | 64 | 113 |
| HB9MD | " | 134,064 | 342 | 58 | 113 |
| HB9QA | " | 13,345 | 121 | 25 | 60 |
| HB9KC | " | 4,235 | 73 | 16 | 19 |
| HB9UD | " | 440 | 12 | 8 | 12 |
| HB9DX | 21 | 1,539 | 22 | 11 | 16 |
| HB9ADB | 14 | 912 | 50 | 5 | 14 |

| | | | | | |
|------------|-----|--------|-----|----|----|
| Yugoslavia | | | | | |
| YU3EI | A | 24,510 | 170 | 35 | 60 |
| YU2NEG | " | 10,281 | 112 | 17 | 52 |
| YU3AR | 21 | 2,444 | 34 | 11 | 15 |
| YU2ZKL | 14 | 3,600 | 88 | 8 | 22 |
| YU3LB | 7 | 59,096 | 511 | 24 | 59 |
| YU1YG | " | 8,010 | 162 | 11 | 34 |
| YU1NGO | " | 4,921 | 114 | 10 | 27 |
| YU3EA | 3.5 | 8,626 | 237 | 6 | 32 |

U.S.S.R.

| | | | | | |
|---------|-----|-------|-----|----|----|
| Estonia | | | | | |
| UR2FD | A | 7,632 | 101 | 14 | 39 |
| UR2AO | 7 | 6,162 | 133 | 7 | 32 |
| UR2ZO | 3.5 | 1,633 | 70 | 5 | 18 |

European

| | | | | | |
|--------|-----|---------|-----|----|-----|
| UA4PA | A | 356,912 | 731 | 78 | 216 |
| UA3UJ | A | 189,841 | 445 | 57 | 172 |
| UA3DV | A | 147,584 | 477 | 52 | 134 |
| UA4YY | A | 127,800 | 444 | 53 | 127 |
| UA1RE | " | 81,282 | 346 | 42 | 96 |
| UA3XS | " | 78,934 | 508 | 25 | 97 |
| UA3BK | " | 56,522 | 294 | 33 | 85 |
| UA4DM | " | 32,242 | 232 | 25 | 69 |
| UA1KIL | " | 26,933 | 151 | 25 | 79 |
| UA4KED | " | 17,845 | 135 | 28 | 55 |
| UA1CX | " | 17,316 | 144 | 28 | 50 |
| UA3TA | " | 15,762 | 140 | 20 | 54 |
| UA3KFA | " | 13,834 | 104 | 24 | 50 |
| UA3RM | " | 12,688 | 134 | 17 | 44 |
| UA3KH | " | 10,740 | 142 | 13 | 47 |
| UA6BV | " | 9,869 | 88 | 22 | 49 |
| UA3MK | " | 9,512 | 127 | 20 | 38 |
| UA3GM | " | 8,100 | 30 | 10 | 12 |
| UA3KOB | " | 6,768 | 126 | 13 | 34 |
| UA1SW | " | 6,726 | 96 | 15 | 41 |
| UA1ND | " | 5,848 | 76 | 14 | 29 |
| UA1DQ | " | 4,680 | 86 | 14 | 31 |
| UA3FD | " | 4,050 | 43 | 22 | 32 |
| UA6FC | " | 3,698 | 72 | 11 | 32 |
| UA3KLD | " | 2,952 | 50 | 13 | 28 |
| UW3CK | " | 2,888 | 54 | 11 | 27 |
| UA1BT | " | 2,686 | 45 | 12 | 22 |
| UA1DG | " | 2,030 | 55 | 10 | 19 |
| UW3CV | " | 1,092 | 30 | 8 | 18 |
| UA3AM | " | 616 | 18 | 13 | 15 |
| UA6JB | " | 165 | 13 | 4 | 7 |
| UA1DI | " | 56 | 8 | 3 | 4 |
| UA6FO | 21 | 6,996 | 117 | 12 | 32 |
| UA4PX | " | 1,222 | 19 | 11 | 15 |
| UA1MA | " | 946 | 15 | 8 | 14 |
| UA4DF | 14 | 60,096 | 320 | 29 | 67 |
| UA4CB | 14 | 43,492 | 266 | 26 | 57 |
| UA4QA | 14 | 42,873 | 257 | 22 | 71 |
| UV3TK | " | 35,880 | 286 | 20 | 58 |
| UA3KH | " | 24,882 | 233 | 17 | 49 |
| UA4CN | " | 18,225 | 132 | 19 | 56 |
| UA6KJG | " | 17,759 | 204 | 16 | 43 |
| UV3TC | " | 13,515 | 168 | 14 | 37 |
| UA1RV | " | 10,579 | 184 | 16 | 43 |
| UA3KFB | " | 10,215 | 110 | 15 | 30 |
| UA4QJ | " | 8,058 | 100 | 14 | 37 |
| UA1NI | " | 6,417 | 139 | 9 | 22 |
| UA1CI | " | 6,105 | 92 | 10 | 27 |
| UA6JJ | " | 4,719 | 83 | 11 | 28 |
| UA4ZA | " | 3,567 | 59 | 10 | 31 |
| UA3TI | " | 3,032 | 67 | 8 | 28 |
| UA3KMD | " | 1,964 | 64 | 8 | 16 |
| UA1DU | " | 1,425 | 62 | 8 | 11 |
| UA1DF | " | 1,104 | 30 | 9 | 15 |
| UA1HH | " | 663 | 27 | 6 | 11 |
| UW3BX | " | 594 | 25 | 7 | 11 |
| UA6FY | 7 | 9,266 | 210 | 7 | 34 |
| UA3YQ | 7 | 4,750 | 125 | 7 | 31 |
| UA6FL | " | 4,560 | 90 | 8 | 30 |
| UA3AY | " | 3,663 | 101 | 9 | 24 |
| UA3QI | " | 391 | 19 | 5 | 12 |
| UA3KSV | " | 252 | 14 | 6 | 8 |
| UA3WV | " | 210 | 16 | 5 | 10 |
| UA3OI | " | 117 | 8 | 3 | 6 |
| UA1DH | 3.5 | 14,036 | 237 | 9 | 35 |
| UA1NA | " | 13,254 | 221 | 7 | 39 |
| UA4PW | " | 8,733 | 181 | 7 | 34 |
| UA1DX | " | 1,180 | 54 | 4 | 16 |

Kaliningrad

| | | | | | |
|-------|---|-------|----|----|----|
| UA2WJ | A | 1,998 | 45 | 10 | 17 |
|-------|---|-------|----|----|----|

Latvia

| | | | | | |
|--------|----|--------|-----|----|----|
| UQ2FJ | A | 2,006 | 61 | 7 | 27 |
| UQ2GA | 14 | 12,006 | 130 | 15 | 31 |
| UQ2CC | " | 84 | 4 | 3 | 4 |
| UQ2KAT | 7 | 10,388 | 152 | 15 | 38 |
| UQ2KHL | " | 585 | 39 | 4 | 11 |

Lithuania

| | | | | | |
|-------|----|--------|-----|----|----|
| UP20K | A | 990 | 41 | 8 | 14 |
| UP20M | 14 | 21,170 | 185 | 16 | 42 |
| UP2CV | " | 154 | 10 | 5 | 6 |

| | | | | | |
|--------|-----|--------|-----|----|----|
| UP2PT | 7 | 25,675 | 340 | 16 | 49 |
| UP2AW | " | 2,639 | 84 | 7 | 22 |
| UP2KDA | 3.5 | 1,743 | 80 | 5 | 16 |
| UP200 | " | 1,058 | 43 | 5 | 18 |

Moldavia

| | | | | | |
|-------|---|---------|-----|----|-----|
| U05BM | A | 149,034 | 466 | 53 | 124 |
| U05RO | " | 6,678 | 110 | 15 | 38 |
| U05AA | " | 5,334 | 91 | 14 | 28 |

Ukraine

| | | | | | |
|--------|----|---------|------|-----|-----|
| UB5CI | A | 766,108 | 874 | 108 | 300 |
| UB5FJ | A | 482,142 | 1004 | 73 | 196 |
| UB5J0 | R | 118,611 | 389 | 48 | 143 |
| UT5CJ | " | 116,808 | 333 | 53 | 133 |
| UT5HP | " | 114,840 | 438 | 43 | 121 |
| UB5PI | " | 85,478 | 309 | 47 | 111 |
| UT5BX | " | 81,624 | 347 | 40 | 112 |
| UB5UJ | " | 55,085 | 349 | 30 | 115 |
| UB5LW | " | 47,214 | 219 | 38 | 91 |
| UY5MG | " | 17,499 | 218 | 17 | 40 |
| UT5HE | " | 16,120 | 182 | 17 | 48 |
| UB5YN | " | 9,802 | 135 | 15 | 43 |
| UT5NA | " | 9,306 | 131 | 16 | 50 |
| UB5QA | " | 8,305 | 99 | 17 | 38 |
| UB5AE | " | 7,552 | 86 | 16 | 43 |
| UB5GT | " | 7,314 | 107 | 13 | 40 |
| UB5ZO | " | 6,600 | 92 | 15 | 35 |
| UT5EW | " | 5,886 | 50 | 16 | 33 |
| UB5TR | " | 4,816 | 60 | 16 | 27 |
| UB5ZE | " | 4,738 | 75 | 14 | 32 |
| UT5GR | " | 3,567 | 80 | 10 | 31 |
| UB5WQ | " | 2,279 | 33 | 15 | 28 |
| UB5NW | " | 2,144 | 51 | 11 | 21 |
| UB5KMX | " | 1,550 | 40 | 9 | 22 |
| UB5KVF | " | 638 | 25 | 6 | 16 |
| UB5FL | " | 550 | 25 | 10 | 15 |
| UB5ES | " | 418 | 12 | 8 | 11 |
| UT5FG | 21 | 153 | 13 | 3 | 6 |
| UB5TQ | " | 84 | 4 | 3 | 4 |
| UB5LU | 14 | 83,174 | 440 | 26 | 65 |
| UT5RB | " | 29,011 | 290 | 18 | 49 |
| UT5BV | " | 22,984 | 155 | 20 | 48 |
| UB5OA | " | 7,525 | 111 | 11 | 32 |
| UB5QE | " | 2,016 | 56 | 7 | 21 |
| UT5EH | 7 | 30,418 | 324 | 17 | 50 |
| UB5LM | " | 11,908 | 163 | 11 | 41 |
| UB5BP | " | 6,594 | 63 | 10 | 32 |
| UB5KN | " | 945 | 27 | 6</ | |

Philippine Is.
DU1PAR A 130,176 414 44 69
Wake Island
KW6EI 14 7,800 113 11 13

South America

Argentina
LU7AU A 58,032 233 44 49
LU8BAJ " 30,805 176 27 34
LU8DQ 14 61,050 319 24 42
LUSABL " 12,614 110 22 31

Bolivia
CP5EZ A 339,295 609 70 129

Brazil
PY40D A 796,740 1,120 79 166
PY2SO " 208,896 528 47 89
PY7AQ " 135,520 440 41 71
PY2BD " 30,552 171 28 39
PY1BLG " 21,648 123 33 33
PY5EG 21 16,254 138 15 27
PY1MCC 14 186,499 585 32 77
PY2BGL " 71,466 290 29 57
PY5OE " 21,022 172 18 28
PY7ALA " 540 15 6 9
PY4AP 7 81,673 421 22 45

Chile
CE2DI 7 9,728 108 14 18
CE2CR " 2,261 46 9 9

Colombia
HK3AVK A 32,830 131 39 59
HK3RQ " 27,904 284 23 23

Falkland Is.
VP8HJ A 146,458 607 33 53

Paraguay
ZP9AY A 44,184 271 29 27

Peru
OA4PF A 186,645 569 49 66
OA4EM 14 1,972 41 9 8

Suriname
PZ1BH A 3,768 55 14 10

Uruguay
CX10P A 52,998 245 34 39
CX2CO 14 435,732 1,129 35 97

Venezuela
YV1DP A 189,600 791 32 48
YV5BTK 7 31,458 252 12 30

MULTI-OPERATOR Single Transmitter North America

United States
K2HLB 509,343 582 87 216
(W2AGW, JT, DEC, DNG)
W2PCJ 453,299 501 97 222
(W2PCJ & WB2CKS)
WB2APG 340,018 499 87 211
(WB2APG & W3DQG)
WB2CTK 25,542 113 31 55
(WB2CTK & WB2BJO)
W3WJD 527,796 588 90 234
(W3WJD & K3JJG)
W3KFG 267,267 397 75 156
(W3KFG & K3JGJ)
K3JCT 167,986 329 59 123
(K3JCT & K3LJZ)
W3MWC 149,600 287 62 125
(W3MWC & K3JLI)
W31YE 127,834 276 56 105
(W31YE & W3HHA)
W3WPG 116,501 229 62 125
(W3WPG & W3SQX)
K4LIQ 557,957 509 114 277
(K4LIQ & K4SXI)
WA4DQM 139,995 245 67 116
(WA4DQM, W4ZYS, ZYQ)
W4JD 86,584 241 46 91
(W4JD & WA4HHW)
W4HOS 44,896 136 48 74
(W4HOS & W4FR0)
WA4NST 25,075 109 26 59
(WA4NST & WA4KAH)
K411F 21,565 84 35 60
(K411F & K4GRD)
WA6SBO 589,937 673 107 210
(WA6SBO, LBP, KH6EV1,
K6SDR, BHM, W6HAW)
W7VQG 572,736 704 106 198
(W7VQG, WVE, YGN,
K7JZP, PBO)
K7ADL 82,786 583 56 86
(K7ADL & K7OPB)
W8SH 279,824 422 80 164
(K8MFO, K8MPF, K8VQP)

W8HDB 67,116 230 28 74
(W8HDB, K8BDW, K8WUW)

Alaska
K17CGE 27,720 322 21 19
(K8JCB & K9KYE)

Canada
K1LNV/VE8 5,168 151 10 7
(K1LNV/VE8 & W3AKD/VE8)

Greenland
KG1AQ 5,115 78 12 9
(KG1AO, KL7EPW, KL7JDO)

Africa

Liberia
EL2AD 738,525 1166 66 149
(EL2AD, EL2AE, EL2AM)

Cyprus
ZC4TJ 16,112 120 19 34
(Tom & Bill)

Israel
4X4JN 362,520 674 55 135

Japan
JA7YAI 9,200 101 20 20
(JA1GGA & JA7SW)

Asia

U.S.S.R.
UA9DN 1,014,102 1149 77 241
(Vlad, Leo, Nic.)

(Club Stations)
UA9KQA 332,208 560 60 156
UA9KAG 180,880 462 40 100
UA9KTE 58,638 231 21 66
UA9KHA 27,965 205 10 37
UA9KSC 21,204 125 18 44
UA0KFG 255,816 773 55 81
(UA0EH, UW0FK, UW0FM)
UA0KKB 106,821 472 38 61
UA0KSB 75,780 410 27 63
UA0KAD 60,265 340 25 60
UA0KCA 31,130 317 23 32
UA0KYA 26,832 230 16 36

Azerbaijan
UD6KAR 36,516 216 19 49
(UD6BU, UD6CC, Vlad)
UD6KAB 12,455 90 18 35
UD6KGF 1,768 40 6 11

Georgia
UF6KAF 20,350 128 14 41

Kazakh
UL7KDT 105,512 340 31 79

Kirghiz
UM8KAA 340,704 796 49 120

Europe

Austria
OE3TL 408,977 834 76 165
(OE3TL, OE3LI, OE1-1428)

Bulgaria
(Club Stations)
LZ1KSV 318,897 653 86 190
LZ1KPG 251,165 803 56 135
LZ1KNB 142,324 569 47 114
LZ1KJZ 53,519 398 31 78
LZ1KIA 45,656 321 27 77
LZ1KIDZ 29,382 303 20 63
LZ1KPW 28,784 177 33 79
LZ2KRO 27,760 310 20 60
LZ2KST 20,562 246 17 52
LZ2KGO 16,368 234 16 46
LZ2KKZ 7,056 118 14 35
LZ1KSW 1,944 62 6 21
LZ1KID 1,408 58 6 16

Czechoslovakia
(Club Stations)
OK3KAG 218,964 665 55 158
OK2KOS 183,549 634 48 135
OK2KJU 72,352 268 50 106
OK3KNO 57,147 318 35 94
OK1KTL 34,018 207 25 48
OK1KPP 20,088 241 18 54
OK2KJP 18,232 122 29 57
OK1KGG 16,499 240 10 39
OK2KMB 15,906 159 21 45
OK2KFB 11,150 110 19 31
OK1KPR 3,374 90 10 29
OK2KRO 2,596 50 17 27
OK1KIT 1,178 36 10 21
OK2KXS 868 29 9 19
OK1KCF 391 26 4 13

Denmark - 20 18 30
18,528 (Club Station)

England
G3SBI 74,462 359 35 82
(G3SBI, G3RIK, Alan)

Finland
OH3AH 165,236 479 56 146
(OH2BAI, BAM, B8F, B8R)
OH5UX 150,724 432 50 146
(OH5UX & OH5UY)
OH3NE 10,659 160 16 41
(Club Station)
OH6AB 1,425 44 8 17
(OH6SU & OH6RD)

Germany
DL9JL 192,618 631 56 118
(DL9JL, DJ2VS, 4XS, 5PA, 5QG,
(5ZN, 7DJ, 8EQ, 8GB)
DL8CM 189,108, 502 65 141
(DL8CM & DL8CH)
DJ7SW 177,045 550 62 123
(DJ7SW, DJ5AZ, DJ6TL)
DL9VZ 149,150 393 66 124
(DL9VZ, DJ2VO, 2SK,
6US, 6YT, 9UC)
DL9VN 115,440 496 36 98
(4 Operators)
DL1TA 110,044 449 55 109
(DL1TA & DJ7JK)
DL0FT 90,150 348 49 101
(DL1GW, 1HA, 1HH, 3MN,
6GL, DJ2YV, 5HL, 6NS)
DJ4SO 86,832 394 43 91
(DJ4SO, 4FZ, 6TK, 6UK)
DL9RP 31,600 134 30 49
(DL9RP & DJ3YU)
DL5BR 41,866 235 33 88
(DL3BA, 4YO, 5ES,
5JJ, DJ9CN)
DM3SF 18,802 187 23 56
(DM2AMF, 3J5F, 3NSF)
DM3EN 15,840 194 17 55
(DM2BLZ, BWN, 3PCH, MJI)
DM4KL 10,400 137 20 45
(3 Operators)

Hungary

(Club Stations)
HA5KBB 374,241 853 72 179
HA6KVB 371,964 1122 62 161
HA1KSA 288,045 801 64 121
HA5KFZ 34,272 239 32 80

Luxembourg
DL0MZ/LX 157,458 618 51 112
(DJ4PX, 45B, 7XN
9GU, 9SB, DL9QY)

Netherlands

PI1PT 32,300 259 23 62
(Club Station)

Norway
LA1K 68,052 476 25 82
(LA1EE, 1RI, 1UJ, 3EG,
5UF, 6LH)
LA8D 30,257 250 27 52
(LA3FG, 70I, 7QI)
LA1JD 21,960 240 20 52
(LA1MF, 4RI, 90I)

Poland

SP8KAR 129,630 465 56 118
(SP8AJK, AJJ, 029, 600I)
SP9PT 24,357 178 23 46

Roumania
Y03RF 129,528 583 49 119
(Y03RF & Y02FU)

(Club Stations)
Y03KSD 83,085 419 41 104
Y02KAB 40,252 347 35 81
Y05KAU 31,428 203 25 56

Sweden

SM6A0E 311,308 664 67 156
(SM6A0E, BJI, CKV, CSC, VR)
SL3AG 108,569 429 39 112
(SM3FZ & SM3BYO)
SM5CDC 20,006 160 28 55
(SM5CDC, AJX, BII, BYX)

Yugoslavia

(Club Stations)
YU1BCW 128,076 527 43 113
YU1DVO 41,490 225 23 67
YU3DBJ 9,453 126 22 47

U.S.S.R.
(Club Stations)
Estonia
UR2KAA 160,512 589 49 127
UR2KAC 103,448 613 32 102
UR2KAE 5,150 92 13 37

[Continued on page 92]

C.W. Results [from page 60]

| European | | | | |
|----------|---------|-----|----|-----|
| UA3KAS | 229,362 | 631 | 58 | 170 |
| UA6KTB | 167,558 | 565 | 54 | 145 |
| UA4KCC | 157,320 | 613 | 50 | 140 |
| UA3KWA | 134,166 | 478 | 48 | 129 |
| UA1KBA | 121,140 | 417 | 49 | 131 |
| UA1KBB | 111,867 | 545 | 40 | 107 |
| UA3KZO | 73,656 | 394 | 30 | 94 |
| UA3KQB | 69,864 | 324 | 41 | 82 |
| UA3KAO | 63,375 | 336 | 33 | 92 |
| UA1KAG | 36,540 | 368 | 19 | 65 |
| UA3KYA | 34,692 | 144 | 44 | 74 |
| UA1KBR | 31,324 | 395 | 17 | 47 |
| UA6KAA | 25,404 | 225 | 14 | 73 |
| UA1KIA | 25,025 | 139 | 25 | 66 |
| UA6KAR | 23,680 | 316 | 16 | 48 |
| UA3KHA | 22,015 | 165 | 24 | 61 |
| UA6KAF | 20,832 | 199 | 21 | 63 |
| UA1KMF | 16,058 | 139 | 21 | 41 |
| UA1KUM | 13,265 | 170 | 13 | 22 |
| UA4KCE | 12,864 | 198 | 12 | 36 |
| UA3KRO | 12,322 | 154 | 17 | 44 |
| UA4KNA | 11,844 | 127 | 19 | 44 |
| UA6KEQ | 7,874 | 100 | 18 | 44 |
| UA3KQJ | 3,441 | 91 | 8 | 23 |
| UA1KDY | 308 | 20 | 4 | 10 |

| Kaliningrad | | | | |
|-------------|--------|-----|----|----|
| UA2KAW | 49,248 | 272 | 29 | 85 |
| UA2KAP | 5,822 | 93 | 12 | 29 |
| UA2KBD | 3,456 | 60 | 8 | 16 |

| Latvia | | | | |
|--------|--------|-----|----|----|
| UQ2KCT | 72,716 | 461 | 27 | 71 |
| UQ2KAX | 61,375 | 341 | 35 | 90 |
| UQ2KAY | 32,968 | 205 | 24 | 80 |
| UQ2KBC | 23,650 | 135 | 27 | 59 |
| UQ2KAA | 16,792 | 272 | 13 | 44 |

| Lithuania | | | | |
|-----------|---------|-----|----|-----|
| UP2KCF | 186,180 | 694 | 48 | 126 |
| UP2KBC | 151,120 | 494 | 51 | 134 |
| UP2KBA | 13,504 | 143 | 20 | 44 |

| Moldavia | | | | |
|----------|--------|-----|----|----|
| UO5KAA | 14,500 | 210 | 15 | 44 |

| Ukraine | | | | |
|---------|---------|-----|----|-----|
| UB5KIX | 280,720 | 704 | 65 | 167 |
| UB5KAI | 180,919 | 388 | 68 | 159 |
| UB5KED | 175,743 | 505 | 57 | 150 |
| UB5KFF | 130,139 | 450 | 49 | 132 |
| UT5KKG | 88,796 | 383 | 45 | 113 |
| UB5KAS | 74,448 | 300 | 40 | 104 |
| UB5KBR | 51,500 | 377 | 27 | 76 |
| UB5KUH | 15,552 | 199 | 14 | 50 |
| UB5KEP | 2,821 | 59 | 8 | 23 |

| White Russia | | | | |
|--------------|--------|-----|----|----|
| UC2KAA | 29,039 | 268 | 12 | 59 |

| Oceania | | | | |
|-----------------|---------|------|----|-----|
| Australia | | | | |
| VK5ZP | 914,742 | 1188 | 91 | 176 |
| (VK5ZP & VK5NO) | | | | |

| South America | | | | |
|---------------------------------------|-----------|------|----|-----|
| Venezuela | | | | |
| YV9AA | 1,046,025 | 1617 | 73 | 152 |
| (YV5AEC, 5AGD, 5ANT, 5BOA, 5BKA, 5GO) | | | | |

| MULTI-OPERATOR Multi-Transmitter North America | | | | |
|---|-----------|------|-----|-----|
| K2GL | 1,826,046 | 1457 | 119 | 324 |
| (K2GL, 2DGT, 2TXC, 2UYG, W1GYE, 2GLM, 2IWC, 6KFX, WB2MFX) | | | | |
| W3MSK | 1,508,700 | 1248 | 113 | 315 |
| (W3MSK, 3EIS, 3FYS, 3TMZ, 3ZKH, 6HOH, K1ANV, CN8FW) | | | | |
| W4KXV | 1,040,348 | 1026 | 102 | 256 |
| (W4KXV, K2UFT, 3EST, 4MXP, 4VDL, WA4GHV, 4JFY, 4LNU) | | | | |
| W3VKD | 488,142 | 624 | 83 | 199 |
| (W3VKD, 3AOH, 3LMM, 3UHN, K3DKD) | | | | |
| W4BCV | 352,571 | 489 | 82 | 189 |
| (W4BCV, 4CV1, 4MPY, | | | | |

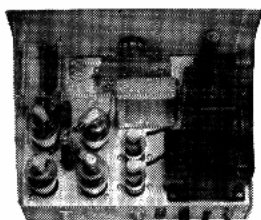
| 4WPI, K4FXN) | | | | |
|---|---------|------|----|----|
| VP9B0 | 306,192 | 1257 | 40 | 72 |
| (VP9B0, 9BY, 9WB, W5HWR, WB2PXZ, KZ5AF & W5FNB) | | | | |
| KZ5AF | 190,750 | 601 | 46 | 79 |

| Africa | | | | |
|--------------------------------------|---------|-----|----|-----|
| ET3USA | 330,864 | 635 | 56 | 127 |
| (K1QHP, FL8AK, WB20GA, W3JFP, K4YFE) | | | | |

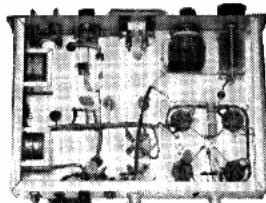
| Europe | | | | |
|--|---------|------|----|-----|
| DJ3JZ | 936,936 | 1425 | 84 | 224 |
| (DJ3JZ, 1BZ, 4L1, 7AF, DL1CR, 3AO, 6KC, 9C1) | | | | |
| DM7L | 694,070 | 1569 | 78 | 203 |
| (DM2ATL, 3BL, 3EL, 3ML, 4CL, 4P1) | | | | |
| SM5CZQ | 682,962 | 1265 | 87 | 207 |
| (SM5CZQ, RC, ARR, BLA, 80U, BFJ, BDY) | | | | |
| UB5KBA | 462,735 | 1401 | 83 | 195 |
| (UB5AC, 5BB, 5WF, 5WJ, UY5MG) | | | | |
| OH2AA | 447,447 | 1066 | 73 | 200 |
| (OH2BH, BT, ER, FS, KK, LP, LX, MK, SB, WI, BBI) | | | | |
| OH1AA | 405,072 | 973 | 69 | 192 |
| (Club Station) | | | | |
| SM5BGK | 121,849 | 550 | 45 | 124 |
| (SM5BGK & SM5DKH) | | | | |
| SL7ZJ | 29,211 | 218 | 27 | 64 |
| (SM7BEX & SM7DMN) | | | | |

Our thanks to the following stations who submitted check logs: DM3HO, DM3XFN, F2SQ, K9VYT, KL7AU, LA1SH/mm, OH2BDS, OK1AAE, OK1AGV, OK1AJY, OK1AWJ, OK1GEJ, OK1CJ, OK1CZ, OK1NK, OK1PT, OK1US, OK1KDT, OK1KHK, OK2BCJ, OK2BCN, OK2BEF, OK2BEV, OK2BGH, OK2KEZ, OK2KNZ, OK2KSU, OK3CAO, OK3CFP, OK3QF, OK3QQ, OK3TV, OK3KAS, OK3KAJ, OK3KLM, OK3KJ, SM3CJD, SM5DQG, SM6ALA, SM6JY, SM7AVD, SM7BGA, SM7MS, SM7TV, UA4200D6, UQ2KCT, UV3MG, UV9UO, UW3AX, UW3CQ, UW3MX, K2OJD, W2GT, W2JB, W2PEO, W4RLS, WA4QPV, Y05-195, Y09HT, ZK1AR.

YOU CAN'T BEAT THIS KIT FOR VALUE!



**P & H
LA-400C
LINEAR AMPLIFIER
800 WATTS PEP
ONLY \$179.95***



IT'S EASY TO ASSEMBLE AND WIRE — QUALITY THRU AND THRU

The P&H LA-400-C is not an ordinary kit, because a lot of the assembly has already been done for you. The plate transformer, filter choke, plate tuning capacitor etc. are mounted. Plate coil and band switch are assembled and mounted. Output loading capacitor network is assembled; in fact — about all you have to do is mount small parts, mount sockets and finish the wiring. As for performance — just ask anyone who uses an LA-400-C. Just compare his signal with the so-called "talking kilowatts" — it will be mighty hard to tell 3 DB difference. The difference in cost will pay for a good scope, plus a top notch receiver. One other point — Where else can you get a warranty such as P&H gives you on the LA-400-C?

The 80 thru 10 meter band-switching pi network is designed for 800 watts PEP SSB, 400 watts CW, FM or FSK and 230 watts Linear AM (controlled carrier) or 185 watts (constant carrier) with 50-70 ohm output. Popular 100 watt SSB exciters require no swamping or matching networks to drive the low Z untuned input. Grounded grid circuit uses four 1625's or 837's on customers request. Meter reads RF drive, plate current, RF amps output. New modern compact 9" X 15" X 10 1/2" gray cabinet also contains power supply using 816's. TVI suppressed, Parasitic Free.

LA-400-C Wired & Tested \$219.95
Slightly higher West of Rockies.

**ONE YEAR WARRANTY
ON ALL PARTS AND TUBES!**

P & H ELECTRONICS INC.
424 Columbia • Lafayette, Ind