

# Results, Eleventh ARRL 10-meter Contest

By Edith Holsopple,\* N1CZC and Bruce Hale, \*\* KB1MW

*This contest had the lowest solar flux levels since 1976. The JA and European paths suffered the most. Only a few JAs showed up here during the last 90 minutes or so on Sunday. European QSOs were limited largely to the Iberian Peninsula. The magnetic activity caused the mornings to be very sluggish — with only backscatter for the high-power operators to revel in. — WA5IYX*

Despite the grumblings about "poor" propagation, the 10-Meter Contest was, as usual, a good time. It is a contest unique among contests. Although the spirit of competition is strong among the participants, cutthroat competition is not the driving force behind the popularity of this contest. Let's face it, 10-meters is a "fun" band. Compared with the average weekend on 28 MHz, this contest brings out a larger than usual number of stations to work. The casual operator doesn't feel out of place in the 10-Meter Contest looking to make a few QSOs or trying for the needed state/province or country to complete the requirements for an operating award such as WAS or DXCC. With the new point structure, a new Novice or Technician doesn't feel like an outsider. At eight points a QSO, they are a valuable contact to be sought out by both the casual operator and hard-core competitor.

To be competitive, one does not have to spend time in the 10-Meter Contest operating in a mode that is not to her or his liking. Choose your favorite mode (CW or phone) or go the mixed-mode route. Try your hand at keeping your QSO-per-hour rate high, or elect to scan the band, hunting for yet another multiplier to add to your totals. The 10-Meter Contest is basically what each individual operator wishes to make of it, and that's what makes this a fun contest for everyone.

The 1983 10-Meter Contest, held December 10-11, saw nowhere near the activity of the "big" contests of 1979-1982, when upwards of 1500 logs were received. It appears that there is a direct correlation between good propagation conditions during the contest and the number of entries received. With 1050 total entries (545 W/VE and 505 DX) received for the 1983 Contest, there is quite a difference when compared to the 1678 logs processed for its predecessor in 1982. Everyone likes to play when the playing is easy, but it is also fun to cast your line into a "dead" band to see what is biting. The drop in participation becomes apparent when we compare the 1983 and 1982 Top Ten Boxes. Even with the CW score change recommended by the ARRL



Harold, N9CQX, turned in the number 2 mixed-mode score in the Illinois Section.

## Top Ten — W/VE

### Mixed Mode

Call	Score	Call	CW
K3EST	605,814	N4AR	427,632
W5XZ	579,960	N5JJ	391,824
AA2Z	530,112	N4BP	345,200
W1WEF	502,488	K4VX	305,592
NA5R	483,080	W9ZR	245,216
(KN5H)		(WB9POH)	
N3DAY	430,500	W8FN	244,824
K8CX	420,856	KS1Y	243,200
WB7FDQ	288,860	K1VUT	197,104
KF4FN	288,464	K9BG	190,092
W0YK	252,500	WD4AHZ	149,260

### Phone

Call	Score	Call	Multimode
KG1E	364,686	W5VX	454,404
N4ZZ	302,788	K5LZO	423,832
K1NG	297,388	K3GM	374,934
(K1G)			
N5AU	266,240	W9LT	361,456
N2BJ	257,712	W2AZO	359,600
K8ZE	256,680	AA5B	348,636
K5IFI	251,658	K2XR	334,880
NU4Y	240,584	W0AIH/9	322,848
AC3T	230,400	ND0E	320,568
(KA3B)			
AI6V	219,666	KB4HF	320,128

## Top Ten — DX

### Mixed Mode

Call	Score	Call	CW
KD7P/KH2	504,672	LU8DQ	735,816
AM7CFW	422,620	HH2VP	551,616
HK3NBB	418,664	VP2MFL	470,400
		(K5BDX)	
VK2WU	378,774	ON4ABW	183,633
TU2NW	318,060	AM5CF	177,944
W9NXD/HR2	290,274	EA6KZ	172,000
YV3BRF	230,724	PA0VDV	140,800
VP2KBZ	217,536	VK4XA	133,860
(VE3KZ)			
ZF2AG	208,754	EA2IA	132,440
(N8AG)			
JH7UJU/JD1	205,280	CT1AIU	123,080

### Phone

Call	Score	Call	Score
VP2EEW	833,136	NP4CC	655,844
(KU8E)			
FM7CD	542,064	XE1MDX	578,792
CT2FH	474,012	LU1E	529,314
(K1RZ)			
TG9GI	448,730	GW8GT	381,920
H18GB	377,080	LU1D	335,170
CE3DNP	366,620	G4MBC	322,560
LU1BR	331,782	W4JVN/KV4	273,152
HC1HC	316,778	LZ2KZA	261,500
EA8ZI	279,748	YV3IUP	192,124
GW4BLE	244,732	PI4DEC	189,600



Eddy, KA9OXI, provided those welcome eight-point Novice QSOs from Illinois.

Contest Advisory Committee (CW QSOs doubled in value from 2 points each to 4 points, with W/VE Novice/Technician QSOs worth 8 points each — a good move), the average score of stations in the Top Ten in 1983 is way down

from the average scores in the same categories in the 1982 Contest. It appears that word about the change in scoring didn't get out in time. Quite a few contestants will find their scores adjusted to reflect this. We guess "punk" conditions will

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also have to shoulder some of the responsibility for this decline.

There were enough bright spots during the Contest weekend to make even the most competitive operator glad to participate despite those "hardships" mentioned above. There were some dandy country multipliers on, including TU2NW, 5B4XX, FO8GW and W6KG/HC8, among others. A little help for many looking to fatten their DXCC totals.

When we compare the 1982 and 1983 Contests, we notice that there are several operators that deserve special recognition for superb efforts. VK4XA again leads the pack on CW from Oceania. EA8ZI repeats as the top phone operator from Africa, while multiop stations XE1MDX and LU1E retain their titles as the stations to beat from North America and South America, respectively.

W/VE stations who distinguished themselves both in '82 and again this past contest include: W5XZ, who moved from number 4 on the W/VE Mixed Mode list to number 2 in 1983, and W0YK and WB7FDQ who also retained spots on the mixed-mode chart. On CW, N4AR went to the top of the W/VE heap from his number 2 showing in 1982. Phone operator KI1G at KING moved up five places from his 1982 finish in 1983 to take the number 3 slot. Carl, AI6V, remained in the top ten with a 10th-place 1983 finish. The operators of station W5VX can lay claim to the title of top W/VE multiop station in the 1983 contest. The gang at K5LZO also has reason to be proud as repeaters to the W/VE multiop top ten list. Good work!

A look at the log of K3EST, the top W/VE mixed-mode operator, shows us that of his 1594 QSOs, Bob worked 611 CW stations (3 Novices/Technicians) and 983 phone QSOs. Of his 137 multipliers, 79 were DXCC countries. Bob worked 48 states (missed Alaska and North Dakota) and 10 VE multipliers. Among the goodies he worked were C53, ZL/C, ST2, ZK1, ZS3, 5H3, 7X2 and 3D2.

Well, there it is — the 10-Meter Contest for 1983. Maybe it wasn't like the "big" contests of years past, but the fun and competition were there for those willing to invest the effort.

The 1984 ARRL 10-Meter Contest is scheduled for the weekend of December 8-9. Stop on by and join in on the fun.

## SOAPBOX

The sunspot cycle drop-off was certainly noticeable, but there was plenty of action anyway (HK3NBB). Though propagation was very poor, it fortunately was compensated by a good Argentine barbecue and abundant cabernet sauvignon (LU1E). TVI during important weekend soccer matches caused a power reduction to 60-W and cut last year's score in half. Ah, woe (PP2ZDD). I used my MINIMUF program for the first time and the computer said "no condition," and it was true. Hope next year will be better (TG9GI). An electrical storm which hung over my QTH for some 9 hours on day 1 certainly didn't help my score. It dumped 5 inches of rain in one hour at one stage and hailstones as big as iceblocks. Luckily no antenna damage (VK2WU). Have you ever used an Armstrong rotator for turning a 13-MHz through 30-MHz log periodic? And the high winds didn't help (HL9RC/KA6KGS). The propagation was very bad (JA7YFH). I really enjoyed the test, even though I had to stop transmitting for cooking, having tea, moving manually the six-element antennas, etc. It was very hard, and I finished exhausted (AM7CFW). Ten meters is dead, viva 10 meters (EA4CFZ)! I lost my 10-meter antenna in a storm just before the contest. My 160 dipole and 40-meter beam just couldn't cut it (VE1YX). I only heard one European. If it weren't for the USA stations, I would have packed it up (VE4RP). Before the contest, lightning damaged both the linear amplifier and the rotor control box. As a result, the contest was operated using the TS-830S barefoot. Although I could

## DX Continental Leaders

Continent	Mixed Mode	CW	Phone	Multiop
Africa	TU2NW	EA5YU/EA8	EA8ZI	—
Asia	JH7UU/JD1	JF3HKY/9	RA9AKM	JA2YKA
Europe	AM7CFW	ON4ABW	CT2FH (K1RZ)	GW8GT
North America	W9NXD/HR2	HH2VP	VP2EEW (KU8E)	XE1MDX
Oceania	KD7P/KH2	VK4XA	N6CUQ/KH2	VK3DMU
South America	HK3NBB	LU8DQ	CE3DNP	LU1E

## Division Leaders

Division	Mixed	CW	Phone	Multiop
Atlantic	N3DAY	K3WGA	AC3T	K3GM
Central	W9XT	W9ZRX	WB9FOL	W9LT
Dakota	K0/KX	KA0QAV/N	AC0/W	K0/SR
Delta	W5XZ	W5WG	N4ZZ	NR4S
Great Lakes	K8CX	N4AR	K8ZE	K8III
Hudson	AE2A	ND2K	N2BJ	W2AZO
Midwest	WA0/QMU	K4VX	KB0/PR	KM0/Q
New England	AA2Z	KS1Y	KG1E	KB1U
Northwestern	WA7UQV	K7QQ	AG7M	ND7T
Pacific	N6NF	KS6H	A16V	K7SFN
Roanoke	K3EST	AA4VK	WD4BTF	K4YTZ
Rocky Mountain	W0YK	AC0S	WA7HQD	AA5B
Southeastern	KF4FN	N4BP	NU4Y	KB4HF
Southwestern	WB7FDQ	W7FGT	K6SVL	K6HAI
West Gulf	NA5R	N5JJ	N5AU	W5VX
Canadian	VE3CVX	VE6CHW	VE3CYX	VE7ZZZ



AM7CFW (EA7CFW), Jose, used a six-element monoband Yagi at 23 feet and a tribander at 27 feet to make the number 1 European mixed-mode score, which by the way was the number 2 DX mixed-mode score in this contest.



KA0QAV/N turned in the top CW score from the Dakota Division.

rotate the antenna, the indicator wasn't working and I had to look out the window to see where the antenna was pointing (ZS6WB). I don't have much of a problem understanding English, but it is difficult to listen to something like: "Knapsack One Xenophon Yerly Zenana, for K1XYZ (F6HOY). I haven't had this much fun since Field Day, and I certainly didn't miss the bugs (KE4UI). There was a lot of activity for a

"dead" band (WD5EWD). I lost most of Saturday because I had to do some last-minute Xmas shopping. I'll have to mark my calendar next year. Had fun (W1CNU). My results weren't too bad considering the conditions. The band was only open from about one hour after sunrise to one hour before sunset (N1ABY). Saturday night netted more signal reports from Minnesota than I thought there were hams from that state (KB1U). As I expected, propagation was down from the past few years, but there were lots of exotic multipliers this year (AF1T). I made up for things this year by splitting my time between SSB and CW, and I liked that arrangement very much (K1LPS). This was the real anniversary of the 10-Meter Contest ... one complete sunspot cycle (WB2AMU). Conditions were much better than I expected. I was glad to hear more activity on the Novice band (WA2SSH). I operated from the National Bureau of Standards ARC station. Conditions were excellent; the QRM sounded like 20 meters on a holiday weekend (N7IR). The most interesting part of the contest was working scatter on Friday night (KA3IKE and KA4FOO). The only thing that was missing was a QRP category. I must admit that I had a great time (WW4W). It was a great contest! Band conditions were weird, especially when VO2AG came through. I unexpectedly worked a JA (WD4BTB). I lost about three and one-half hours of good operating time on Sunday because of a power failure. The power was off for 19 hours. We now own a 600-W emergency power

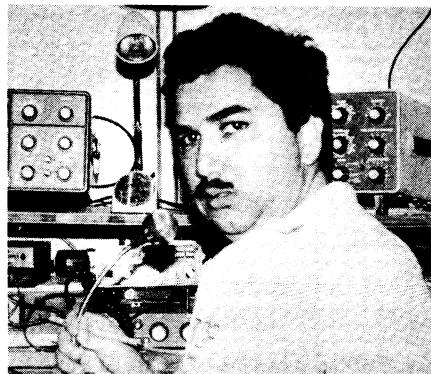
generator. It won't happen again (W6YMH). There sure was a lot of activity for a "dead" band, hi! (N6ND). [Guess the 10-Meter 'test gave the "dead" band a little CPR (Code, Phone and Radio-activity?) — Ed.] I just got a new antenna tuner for Xmas, put up an invisible longwire (I live in an apartment), and had to try it out. It works! (AA4Q). I loved the midnight opening over the pole into deep Asia, Eastern Europe and South Africa, but that may have been 10 meters "last hurrah." The only stateside work was backscatter off the aurora. I never had a direct opening to the lower 48 (KL7Y). Where was the "pace-setter," N7DD, this year? (WB7FDQ). Too many shut their rigs off when F layer propagation goes out, missing many oddball openings (WB7CFL). Saturday was weird. No matter which way my antenna was pointed, a Texas station would answer me. But on Sunday things got cooking in the afternoon. What a kick to hear VT, ME, NH and all those other difficult WAS states on at once (N7ETC). The thing that I enjoy most

about contesting is that I only have one log to work on ... not all of them. My heart goes out to you (KA8OUT). [tnx, we needed that! — Ed]. My only gripe is that some good strong stations fail to ID often enough so that you can't tell who is yelling "QRZ?" (N8CUX). On the Victoria-Maui sailboat race they give the Turtle Award for the last boat in. Maybe I could win the equivalent for the fewest points scored (WB0UJC).

## **FEEDBACK**

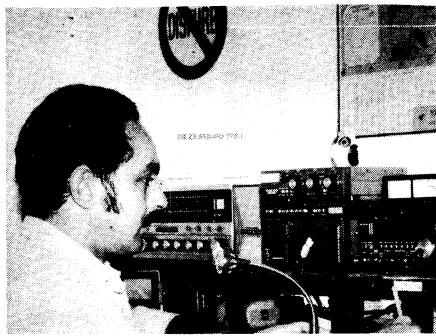
Please refer to July 1983 *QST*, p. 82, for the following correction: The station listed as G4MBV is really G4MBC. Apologies to the Mid-Beds Contest Assn.

**YV7QP** racked up 597 QSOs and 86 multipliers on phone for a respectable 102-kilopoint score.



## Scores

DX scores are listed by continent/country according to the ARRL DXCC List. U.S. and Canada scores are listed by call area and ARRL Section. Single-operator scores are listed first, followed by multoperator. Each call score lists call sign, score, QSOs, multipliers and entry class (A = Mixed Mode; B = CW Only; C = Phone only; D = Multoperator).



Karl, PS7KM, chose the phone mode and made 322 QSOs in the 1983 10-Meter Contest.



Matt, N6CUQ/KH2, ran 100 W from his Guam station location.



Carl, AI6V, always big in the 10-Meter Contest, did it again as he became the number 10 WVE phone operator, as well as taking the phone honors in the Pacific Division.

Y36XC	18,700- 128- 55-A	ZM2RY (ZL2RY, opr.)	W1GKJ	35,910- 184- 63-A	N2EOC (+ N2BOW, N2CEI)	KA4AJA	82,668- 498- 83-C
Y36UFJ	14,720- 96- 46-A	ZM2AH (ZL2AH, opr.)	W1HHV	32,560- 158- 55-A	165,852- 612- 102-D	WA4MGJ	5610- 85- 33-C
Y32LL	10,764- 78- 29-A	8446- 103- 41-C	K1PV	7128- 62- 33-A			
Y23IL	5048- 58- 29-A		N1ATO	149,586- 699- 107-C			
Y30BYE	4955- 40- 25-A		KA1OR	57,200- 325- 68-C			
Y34SE	4800- 43- 30-A		KB1U (+ N1AFC)				
Y27GL/A	1332- 26- 18-A	SOUTH AMERICA		150,720- 612- 96-D			
Y49RF	1260- 27- 18-A	CE3DNP	KM6FC (+ KM6FD)	89,088- 512- 87-D			
Y32KE	1008- 23- 18-A	H1HC	316,778- 1331- 119-C				
Y23WM	15,840- 90- 44-B		NEW HAMPSHIRE				
Y30AJB	3360- 40- 21-B	W6KG/HC8 (+ W6QL)	KO1V	112,344- 424- 93-A			
Y21DK/A	61,944- 353- 89-C		AG1C	3680- 80- 23-A			
Y33VB	20,532- 200- 58-C	HK3NBB	W1PH	99,648- 515- 96-B			
Y78XL	14,988- 127- 59-C	L8UDQ	KN1H	21,624- 100- 51-B			
Y23ZE/A	10,914- 109- 51-C	L1UEWL	AF1T	193,104- 894- 108-C			
Y32KK	5280- 67- 40-C	L1UBR	KB1KX	12,180- 105- 58-C			
Y24NG	3710- 54- 35-C	L1UVK	RHODE ISLAND				
Y47WL	3400- 50- 34-C	L1UABT	WA1EXP (WB3HVS, opr.)				
Y23EE	2296- 41- 28-C	L1UE (LU2s AH, DSL, LU3s ABX,	W1RFQ	29,692- 204- 53-A			
Y74YL	1820- 35- 26-C	WAJW oprs.)	N1BZG	25,988- 160- 73-A			
Y30BKG	840- 31- 15-C	529,314- 1937- 141-D	KA1TS	13,688- 123- 56-A			
Y87PL	338- 14- 12-C	LU1D (+ LU8EKC)	N1AGU	135,252- 683- 102-C			
Y53WL	320- 16- 10-C	335,170- 2770- 121-D	WA2MMN	31,488- 158- 68-C			
Y68FR	17,820- 99- 45-B	OA4SS	K1LPK	27,048- 198- 69-C			
Y09AEL	7392- 66- 26-B	KC2GE/PJ3	WB2SYZ (+ NA2A)				
Y08DDF	1584- 33- 12-B	PP2ZDD	3	124,592- 530- 104-D			
Y09HP	1200- 25- 12-B	PY1APS	W1RFQ	29,692- 204- 53-A			
Y04CBT	480- 12- 10-B	PY5VX	N1BZG	13,688- 123- 56-A			
Y09HT	6612- 87- 38-C	PY1AJK	KA1TS	135,252- 683- 102-C			
Y08CHI	702- 27- 13-C	PP2ZDD	N1AGU	21,488- 158- 68-C			
Y03CD	840- 28- 16-C	PS7KM	WA1EXP (WB3HVS, opr.)				
Y08KOD	192- 16- 6-C	T1BPGA	W1RFQ	29,692- 204- 53-A			
Y04KRH (Y04s CAH, DCZ, oprs.)	1364- 31- 11-D	31,536- 149- 54-A	N1BZG	13,688- 123- 56-A			
Y03EA	90,060- 280- 95-A	YV3BRF	KA1LPK	35,352- 186- 64-A			
Y7U7SF	8050- 96- 25-A	YV3ACZ	K1IK	15,800- 150- 53-B			
Y30TXU	127,916- 566- 113-C	YV7QP	WB1GQR	219,436- 922- 119-C			
<b>NORTH AMERICA</b>		YV1ACC	WA1ZAM	30,084- 163- 69-A			
<b>MARITIME MOBILE REGION II</b>		YV4CMG	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>W/VE</b>		YV4DJZ	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>CONNECTICUT</b>		YV3IUP (+ YV3ADR)	WA1ZAM	30,084- 163- 69-A			
<b>NEW ENGLAND</b>		AA2Z	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>VERMONT</b>		W1WEF	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>WESTERN MASSACHUSETTS</b>		N1CC	WA1ZAM	30,084- 163- 69-A			
<b>EASTERN NEW YORK</b>		1	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2HES	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>CONNECTICUT</b>		N1BZG	WA1ZAM	30,084- 163- 69-A			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KHQ	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		N2J	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>NEW YORK CITY-LONG ISLAND</b>		K2MN	WA1ZAM	30,084- 163- 69-A			
<b>NEW YORK CITY-LONG ISLAND</b>		N2B	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		KR2Z	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2AZO (+ N2ECD)	WA1ZAM	30,084- 163- 69-A			
<b>NEW YORK CITY-LONG ISLAND</b>		359,600- 1052- 116-D	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		KB2FS (+ N2DRR)	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>NEW YORK CITY-LONG ISLAND</b>		13,872- 80- 51-D	WA1ZAM	30,084- 163- 69-A			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WA1ZAM	30,084- 163- 69-A			
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<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WA1ZAM	30,084- 163- 69-A			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WA1ZAM	30,084- 163- 69-A			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WA1ZAM	30,084- 163- 69-A			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WA1ZAM	30,084- 163- 69-A			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WA1ZAM	30,084- 163- 69-A			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	WB1EQS (+ WB1s DBY, EMB, FJK)	318,226- 671- 103-D			
<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
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<b>NEW YORK CITY-LONG ISLAND</b>		W2KTF	W1NY (AC1T, KA1KPH, oprs.)	9912- 81- 42-D			
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