

# ----- OSCAR 3 Report -----

## Communications Results

BY H. C. GABRIELSON, \* W6HEK

At about 1933 GMT on the ninth of March 1965, the OSCAR III satellite crossed the Equator in the vicinity of 297 degrees west longitude to begin orbit number one. The nominal orbit parameters were: altitude - 570 statute miles; period - 103.5 minutes; and inclination - 70 degrees. The orbit was very nearly circular. The Oscar-satellite package contained a communications repeater (termed a translator), a c.w. beacon transmitter and a telemetry transmitter, all operating in the international portion of the 2-meter amateur band. The c.w. beacon failed to operate normally, while the telemetry transmitter sent temperature and voltage data for several months. The translator functioned for about 250 orbits (18 days) at which time the primary battery ran down.

This is a summary report of the communications performance of the translator portion of the Oscar III satellite. Other phases of the operation will be covered later in separate reports. It is the intent of this report to present a listing of stations that made contacts through the satellite, a listing of stations that reported hearing relayed signals, and lists of station calls that were reported as being heard through the satellite. The information contained herein is based on information reports submitted by nearly 300 observing stations.

### Contacts

A total of 176 two-way contacts was claimed through Oscar during 247 orbits of active translator operation. List 1 shows call letters of stations successfully communicating through the satellite, along with the number of contacts made by each. Contacts were made by 98 participating stations, 67 from North America and the remaining 31 from Europe. All continental U. S. call areas plus Canada and Alaska are represented in the North American list. In Europe, contacts were reported by stations in Germany, Finland, Sweden, France, Spain, Switzerland, Belgium, England, Czechoslovakia and Lithuania. Transatlantic contacts were reported between Germany (DL3YBA) and Massachusetts (W1BU) during orbit 61, and between Spain (EA4A0) and New Jersey (W2AZL) during orbit 157. While several transcontinental contacts were reported, the longest distance was between Alaska (KL7CUH) and New York (K21EJ). The great majority of all contacts were made using c.w. but 5 stations made voice contacts using sideband. DJ4ZC reported s.s.b. contacts with DL3YBA, HB9RG, and DJ4AU. DL3YBA also reported a sideband contact with **DJ4EZ**

### Heard Reports

Heard reports were submitted for the following stations on sideband: DJ4E0, DJ4JC, DJ4YP, OZ4RO, WIBU, W4HUQ, W5QDL, K5RHL, W6DEE, W6GDO, W7JCU, K7DZG, K8BPA, W9WDB, W9WDD and ??DQI. A few weak but unidentifiable a.m. carriers were reported and several observers reported hearing teletype signals. None of the teletype signals was identified. Transmitting stations from Europe, North America and Australia - New Zealand, were logged. Table II is a tabulation of the 273 observing stations who submitted reception reports of signals heard through the satellite. The listing also shows the number of reports by each reporting station and is arranged in descending order of the number of reports submitted.

Table III is given in three sections (A, B, and C) showing all of the station calls which were reported as being heard through Oscar. This list, too, is arranged in descending order of the number of times each station call was reported. Table III-A shows the 275 station calls which were reported two or more times. The number following each call is the number of times that call was reported. Table III-B shows the 822 calls that were reported once. Table III-C is the list of 459 partial calls which were reported.

The total number of different complete calls (1097) reported may be somewhat misleading. It will be noted in scanning the lists of calls reported once or twice that some of them are probable misinterpretations of the call of one of the -more actively-reported stations. For example, WA2WEB was the subject of 115 reception reports. Also in the list you will find W2WEB (twice), WA2WEH, WA2WEK (twice), WA2WEP, WA2WEX, WA3WEB, WA4WEB, and WA6WET. All of the reported calls have been reproduced in these lists just as they appear in the incoming reports. Similarly, some of the partial calls in list 3C are apparently incomplete versions of the more active calls (for example, WA2WE?). Again, all such calls have been presented in these lists just as they appear in the incoming reports. I have taken the liberty of omitting, as being of no real value, those reports which simply stated the fact that several W1s 2s etc. -were heard in the translator passband.

In addition to the information incorporated as part of this report, there are several comprehensive source lists available. The basic list (about 2750 lines) shows the specific heard calls which were reported during each orbit by each reporting station. This information is arranged either in alphabetic sequence by the call letters of the reporting station or in orbit sequence. This same basic information has also been rearranged (3550 lines) in the form showing the heard stations which each listening station reported hearing during each orbit. This version of the comprehensive list is also available in either call letter or orbit sequence. In addition there is a complete listing of all reported contacts. Any of these lists can and will be made available in several different forms: as printed lists, as decks of punched cards, as punched paper tapes (either 5 or 8 level), or as magnetic data tapes. Write to Project Oscar, Inc., Foothill College, Los Altos, Calif., for details about obtaining any such data.

Thanks are due to M. C. Towns, K6LFH for his help in punching data tapes; to Bill Eitel, W6UF, for contributing card stock for the punched cards; and to Larry Harvey of the Foothill College staff for allowing use of the 1620 computer to process the mass of data into pre. sentable form. Above all, the reporting stations (list 2) deserve a great deal of credit for helping advance the Oscar program-without their participation, this report would not have been possible..

**Table I**  
**Contacts Through Oscar III**

Europe		North America	
DJ3EN.....1	HB9AR.....1	KL7CUH.....2	K4QIF.....9
DJ3ENA.....1	HB9RG.....10		WA1TAV.....1
DJ4AU.....2		VE3BQN.....1	W4WNIH.....10
DJ4EZ.....1	OH2BAA.....2		K4YYJ.....1
DJ4ZC.....5	OH2DV.....1	W1BU.....2	W5AJG.....1
DJ6DT.....3		W1HDQ.....4	W5JWL.....1
DJ9DT.....2	OK2TU.....1	W1JSM.....4	W5KND.....2
DL1EI.....1	OK2WCG.....1	W1QXX.....3	W5NUK.....1
DL3BJ.....1		W2AMJ.....5	K5TQP.....3
DL3YBA.....21	ON4FG.....2	W2AZL.....1	K5WXZ.....10
DL6EH.....2	ON4TQ.....1	K2GUG.....7	W5XXD.....1
DL6WG.....1		K2FEJ.....3	W6AB.....1
DL9AR.....1	SM5BSZ.....3	K2MWA.....21	W6AJF.....2
DL9GU.....3	SM6CSO.....4	WA2WEB.....18	W6DQJ.....1
	SM7OSC.....10	W3BYF.....2	K6GCD.....1
EA4AO.....7		W3SDZ.....3	W6GDO.....7
	UP2ON.....1	W4AWS.....6	K6HAA.....1
F9MX.....1		W4HHK.....5	K6HMS.....1
		K4IXC.....4	WB6JZY.....13
G8BAR.....1		K4MHS.....2	WB6KAP.....2
G8LTF.....2		K4MNH.....1	W6KEV.....1
G8AG.....1		W4MNT.....14	WA6KLL.....3
		W4PFQ.....1	WA6MGZ.....9
			W6MSG.....11
			W6PIA.....1
			WA6QQJ.....1
			WA6RSG.....1
			W6TYM.....1
			W6YK.....2
			W7JRG.....7
			W7UAB.....5
			W7ZC.....1
			W8FEH.....1
			W8KAY.....3
			W8NSH.....2
			W8YIO.....1
			K9AAJ.....13
			W9TGB.....5
			KOCER.....1
			W0EOZ.....1
			W0EYE.....5
			W0IC.....1
			W0IDY.....1
			W0LER.....3
			W0NWX.....1
			W0PHD.....1

**Table II**  
**Stations That Reported Hearing Calls Through Oscar III**

WA2WEB.....401	WA6TGY.....35	G8NLR.....13	DM2BML.....6	K6CCD.....2
W4WNIH.....311	W6MOX.....34	OH1SM.....13	PA0KT.....6	WA6MIA.....2
W1JSM.....260	G8LTF.....33	CA6AJ.....13	W6ASH.....5	W7QLC.....2
DL6EZA.....213	VE6NT.....33	PA0IF.....12	W6JJI.....5	K9THZ.....2
W4MNT.....184	W1AIP.....30	DJ8UC.....11	W6DMN.....5	W03YJ.....2
K5WXZ.....160	W0PB.....30	OH7NF.....11	W6EDU.....5	W1HSK.....2
K1HTV.....156	WB6JZY.....29	OH9NV.....11	W6OUE.....5	DJ2ND.....2
W8SMC.....134	K6TSK.....29	OZ3GW.....11	WA8KJP.....5	DL9GU.....2
W0TKX.....129	K7BBO.....29	UR2CQ.....11	W0PFP.....5	4U1TU.....2
W7ZC.....125	DL3BJ.....29	D11HH.....10	DK7AA.....5	IKK.....2
W1TCJ.....124	W0JHS.....28	DL0UL.....10	HR0**.....5	OH2BA.....2
WA6QQJ.....124	G6TS.....27	LX1CW.....10	PA0IJ.....5	OZ4EM.....2
K7ICW.....121	I1ER.....27	VE4UM.....10	ZL2APC.....5	VE2ETC.....2
WA2YLL.....119	W6HTJ.....26	W6AJF.....09	W4LSQ.....5	VK2ZRG.....2
K6HMS.....118	W0WMP.....26	W6QWN.....09	K6IVV.....5	ZL2CD.....2
W8KAY.....113	W3GKP.....25	WA6RLW.....09	SM7ANL.....5	VQ3DT.....2
XW2ABP.....112	W0FTB.....25	W6ZTR.....09	K4EPM.....4	W1DF.....1
W6CDO.....111	OH2GY.....25	DJ3EN.....09	W6TTB.....4	K2DZV.....1
W6MSG.....107	W2ABP.....24	DM4BG.....09	KL7DFE.....4	W2GAX.....1
W9TGB.....107	W9VPU.....24	F9MX.....09	DM8UC.....4	WB2IQ.....1
WB6KAP.....106	K0JQV.....24	G13GSI.....09	DJ3FC.....4	W2YR.....1
W2UTH.....085	W0PHD.....24	W2DID.....08	EI6D.....4	WA4WV.....1
K1VDZ.....084	DJ4AC.....24	W2UK.....08	GRAYC.....4	W6IFE.....1
W1HDQ.....082	GW3MFY.....24	W4API.....08	HR9RG.....4	W8KAY.....1
KOCER.....081	OE8AP.....24	K5TQP.....08	SM6PU.....4	W6YJ.....1
W4HJZ.....076	W9FBC.....21	W6ITF.....08	SM6CSO.....4	K7DVK.....1
W0EOZ.....075	F8TD.....21	W0UBD.....08	VE6IP.....4	W7FN.....1
W8PIA.....073	OZ9OR.....21	DM2ACM.....08	UA1DZ.....4	W8YCP.....1
W7OUE.....073	F3NB.....21	HB9WB.....08	UC2AA.....4	W0IDY.....1
W0EYE.....071	W2FAN.....20	VE4GI.....08	UR2BU.....4	K01JN.....1
VE7BNO.....071	K2MWA.....20	F8DO.....08	WB2COZ.....3	W0PAM.....1
W2AMJ.....067	DJ0013.....20	W2MZR.....07	WA2UCP.....3	WORLI.....1
WA6KLL.....066	G3IUD.....20	WA4FJM.....07	K4RMH.....3	W0TGB.....1
DL3YBA.....066	W1AW.....19	W4ZRH.....07	WB6CKT.....3	W0THX.....1
DL6EH.....064	K9GSC.....19	K5DEB.....07	W6GDP.....3	K0VTY.....1
DJ7AA.....063	DM2BEL.....19	K6KV.....07	WA6QIC.....3	W0WVM.....1
K2GJJ.....062	W3HB.....18	WA6TKC.....07	WA6ROJ.....3	DJ2LF.....1
SM7ZN.....061	DJ4ZC.....18	W7GVX.....07	W8EHW.....3	DJ5DI.....1
K6HCP.....060	DL3LR.....17	W8VVD.....07	W8JAY.....3	DJ0310.....1
SM7OSC.....059	W2WGL.....16	DJ6PP.....07	W9NTP.....3	DL9NP.....1
W6ELT.....056	K6JC.....15	DL1LS.....07	KL7CLH.....3	DM2CGN.....1
K3CFA.....055	DL3EV.....15	OH2HK.....07	DL1CK.....3	EI2A.....1
K4YYJ.....055	DL9AR.....15	PA0FB.....07	DL0AR.....3	OH1WY.....1
W4AWS.....054	EI6D.....15	VE3ETO.....07	DM3YJL.....3	OZ0CR.....1
W7JRG.....053	W2FXB.....14	K3HHS.....08	F3NB.....3	PA0CRA.....1
EA4AO.....051	W2UN.....14	K1RCX.....06	G3GRA.....3	PA0WX.....1
W6WOO.....046	K3AKR.....14	W5MJD.....06	I1BMV.....3	VK1VP.....1
ON4FG.....044	K6GYX.....14	W6GHV.....06	PA0PMQ.....3	VK2ZBJ.....1
KL7CUH.....043	W6TXH.....14	K6UQH.....06	W7AYH.....3	VK2ZMR.....1
DJ9DT.....043	W8EDU.....14	W8ENM.....06	W1AIM.....2	VK3ABP.....1
DL9AR.....043	W8AAJ.....14	W8ZJM.....06	W2EDE.....2	VK5ZDX.....1
WA6MGZ.....042	DL9GU.....14	K9CHU.....06	W3SDZ.....2	VK5ZAI.....1
W2BLV.....039	W6TYM.....13	DJ1SL.....06	W4MKT.....2	ZL4DE.....1
W4HHK.....038	W0LER.....13	DL1EI.....06	WA6BAH.....2	
WB6HUT.....037	DJ1EH.....13	DL1LB.....06	WA6DBL.....2	

Table III-A

Calls That Were Reported 2 or More Times Through Oscar III

K2GUG	397	W5KXD	22	W4MHS	06	W7WDP	3	K6HB	2
DL3YBA	276	K7DZG	22	K6GCD	06	W8YIQ	3	W6JRG	2
K9AAJ	246	K7NII	22	W6MGZ	06	W9AAJ	3	W6JZY	2
K4QIF	228	DJ3ENA	22	WA6RLW	06	W9IFA	3	WA6KAP	2
K5WXZ	211	K4YYJ	21	W6TYM	06	W9NTP	3	WB6MGZ	2
HB9RG	155	W1QXX	20	W0PHD	06	K9QIF	3	W6MMU	2
K2IEJ	146	W4HHK	20	DL6EZA	06	W9WDD	3	WB6JZY	2
K2MWA	140	W8FEH	20	G3IRII	06	W0EOZ	3	W6PDO	2
W4WNH	132	W6DEE	19	SM7ZN	06	W0TGB	3	K8UQH	2
W4MNT	127	W0IC	19	K2GUN	05	DL3BJ	3	W7FLA	2
WB6JZY	127	DL9GU	19	K2RCH	05	DL9GU	3	W7JCG	2
SM7OSC	119	W2LVQ	18	W3TDF	05	G3BAR	3	K7UAB	2
WA2WEB	115	K9CHU	18	W4FJ	05	IHC	3	W8JAF	2
HB9RG	114	W1JSM	17	W4YYJ	05	SM7BCX	3	W8CKY	2
W2AMJ	111	W6KEV	17	W6DNJ	05	VE6NT	3	W8JRN	2
WA6MGZ	107	W0NWX	17	WA6KLL	05	W1EUI	2	W8LIO	2
W8YIO	107	SM8CSO	17	W6PJA	05	K2AMJ	2	W8N88	2
K9UIF	089	W6DNG	16	W0LFE	05	W2AWJ	2	W9EGB	2
W9TGB	086	K6HMS	16	DJ4AC	05	W2AXU	2	W9MAL	2
W38DZ	085	VE3BQN	16	DJ9DT	05	W2DME	2	W9NTW	2
W8GDO	083	W6AJF	15	UP2ON	05	WA2EMB	2	W9NWX	2
G8AG	074	W4WNS	13	VE3RPR	05	W2FDI	2	W9UIF	2
W1BU	071	K6LCP	13	W2LWI	04	WA2FSQ	2	W0FNN	2
WB6KAP	069	W6YK	12	K4MHS	04	K2IBJ	2	W0ICR	2
G8LTF	064	W1YQL	11	W4VIIH	04	W2LWE	2	W0ICW	2
K4IXC	062	K2RTH	11	W4WNT	04	K2MGE	2	W0IDY	2
K3KEO	060	W4QIF	11	W5NCK	04	K2MHJ	2	K0IJN	2
W4AWS	058	W6NLZ	10	K6JYO	04	K2MWI	2	W0ISL	2
W7JRG	058	G3BA	10	W6KAP	04	W2QEU	2	W0ITD	2
DJ4ZC	058	G3EDD	10	WA6RSG	04	W2WEB	2	W03JA	2
K4MHS	055	O29AC	10	K6SDZ	04	WA2WEK	2	W0ZJB	2
W5AJG	055	VE3DIR	10	W8SDJ	04	WA2YXS	2	KH6DEM	2
W7UAB	055	W5UKQ	09	K8YIO	04	W3HLS	2	KL7CAZ	2
W9ZIH	055	DJ2RLA	09	W9PBP	04	W3QIR	2	DJ4EN	2
W7LHL	052	OH2RK	09	SM8OSC	04	W4BUM	2	DJ4EZ	2
EA4AO	051	W4IXC	08	W1BUD	03	W4HUG	2	DJ4JC	2
W2AZL	050	W6UXN	08	W1JDF	03	K4IXZ	2	DJ6QK	2
W3BYF	048	K7ICW	08	W1LMZ	03	W4LSQ	2	DJ8QL	2
W8KAY	044	W7PUA	08	K1LSY	03	K4MNH	2	DJ9DN	2
DJ3EN	040	K8AJF	08	W2GUG	03	K4MSI	2	DL9CUE	2
KETQP	039	DL6TU	08	W2MWX	03	K4QSF	2	G2HCG	2
W6MSG	039	W1TJW	07	K2OJI	03	W4TGB	2	G6GA	2
W8NSH	036	K2LMG	07	K3CFA	03	K4UGF	2	G6GN	2
SM5BSZ	034	W6QIW	07	W3GLC	03	W4ZIH	2	G6NB	2
W0EYE	033	W6TXY	07	W3KEO	03	K5JAZ	2	HB9RF	2
ON4FG	031	W8PT	07	K4BUZ	03	W5KXL	2	IHK	2
W1HDQ	029	KOCER	07	W5AJF	03	K5MBV	2	OH2BAA	2
W4BUZ	029	DL1EL	07	W5NU	03	W5MXZ	2	OH2RH	2
W6DQJ	029	DL9SHA	07	K5WOZ	03	W5UIF	2	OK1AHO	2
K6TSK	028	OH1NL	07	W6GHV	03	W5YX	2	OZ9OR	2
W6LER	028	OK2WCG	07	WA6JZY	03	K6WTZ	2	SM4CDO	2
W0MOX	026	ON4TQ	07	WA6QQI	03	K5WXN	2	SM8OSC	2
KL7CUH	026	K2KJI	06	W6TSK	03	W6AB	2	SM6PU	2
W5FWL	023	W2MWA	06	K7JRG	03	K6DQJ	2	VK2ZRG	2
WBWXZ	023	W4HJQ	06	W7NII	03	W6ELT	2	VK3ATN	2

**Table III-B**  
**Calls That Were Reported Once Through Oscar III**

W1ABZ	K2GWW	W31GZ	W4MNF	K5KAP	W6GDD	WB8WBY	K8R10
K1AFR	W2HJ	W31XK	W4MOC	W5KAP	K6GDO	WA6WET	W8TAC
K1ALE	W2IEJ	W3KE	W4MS	K5KIE	W6GEV	WB8WJZ	W8TAM
W1AMJ	K2IGJ	K3KIF	W4MSH	K5KJT	W6GFG	W6WNH	W8TIW
W1AWJ	W2IID	W3LHC	K4MSS	K5KXD	WB6GGO	K6WXX	K8TXU
W1AZK	K2IV	K3LVA	W4MST	W5KXXN	W6GHJ	WB8WZO	W8WNS
W1BB	WA2JAM	W3LWJ	W4MVB	W5KXT	W6GOC	W6YIM	W8YEO
W1BDQ	W2JTG	W3LWQ	W4NEE	K5KXZ	K6GYK	K6YTM	W8YOI
W1BGU	W2JUG	W3MJA	K4NMF	W5KXZ	K6HAA	K6YVO	W8YOK
W1BSG	K2KEO	K3QER	W4NMT	K5LKZ	K6HCW	W7AQQ	W8YOW
W1BUC	W2KET	K3QOK	K4ORZ	W5LA	K6HMH	W7AQJ	W8YVO
W1BUZ	K2KH	K3RTH	W4PFQ	W5MGZ	W6HPJ	W7AYB	W8ZIS
K1CRO	W2KJI	W3SDR	K4PXZ	K5MHH	WB6HUT	W7RKA	W8ZYI
W1DBT	W2KOM	W3SET	K4QEF	K5MOO	K6IBY	K7CVH	W9AAG
W1DQI	K2KWI	W3SEZ	K4QIC	W6MWJ	W6IID	W7DM	K9AAR
W1DUB	W2LJ	W3SK	K4QIS	K5MXQ	K6ISK	W7DSL	K9AAW
W1GLL	W2LJI	W3SXZ	K4QJF	W5NCE	W6JMY	W7DZM	W9ADD
W1GXG	W2LVE	W3UCA	K4QTF	W5NEC	WB6JZA	W7DZW	K9AIO
W1GXX	W2LVF	K3UJG	K4QXF	W5NJZ	W6KAW	W7EGN	W9AIR
W1HGZ	K2MAJ	W3VWI	K4QYJ	W5OZI	W6KDO	K7GCD	W9AIS
W1IFQ	WA2MBY	WA3WAB	K4UIF	W5PJA	W6KEP	W7IHL	K9ASD
W1ISL	K2MCO	K3WB	K4UKG	W5QDL	K6KEV	W7HPO	K9ASF
W1JSK	K2MHA	W3WID	W4VJ	K5QIF	WA6KGZ	K7HRD	K9AWJ
W1JZD	W2MIE	W43WL	K4VHS	K5QXZ	W6KPN	K7HZB	W9AWN
W1KGM	K2MJR	W3YKO	W4VHV	K5RHL	K6KV	W7IFA	K9BUD
W1KJ	K2MRF	WA3YLL	W4VNH	K5SDM	WB6KVP	W7JCU	W9BWG
W1KUR	W2MWD	K3YYJ	WA4WEB	K5STA	W6MDY	W7JPG	W9CAU
W1LEW	K2MWF	KCZC	W4WHN	K5XSM	K6MGA	W7JRI	W9CHU
K1LHK	K2MWG	W4ADS	W4WMA	W5TQP	WA6MCD	W7JRM	W9CID
W1LML	K2MWJ	W4ALS	W4WMI	K5TR	W6MGM	W7LHH	W9CVD
K1LSC	K2MWO	W4ARK	W4WNE	K5TUX	WA6MGP	W7LRL	W9EH
K1LSK	K2MWX	K4ASY	K4WNH	K5TXP	W6MGS	W7LWI	W9EHX
W1MMK	K2MXE	W4AUG	K4WNS	W5UWA	K6MHS	W7MGZ	W9ETG
W1NH	K2NBP	W4AW	W4WNU	W5VYQ	WB6MIW	W7MSG	W9FIA
W1NSH	W2NCE	W4AWI	W4WNX	K5WGGZ	WA6MKZ	W7MSL	WA9FUR
W1NW X	W2NCF	W4AWL	K4WOZ	K5WHZ	WA6MLL	W7NCW	W9GBP
W1OQI	WA2NEB	K4AWN	W4WT	K5WKE	WA6MME	W7PRQ	W9HRV
W1OXX	K2NWA	W4AWR	W4WTC	W5WKY	K6MMU	W7PRS	W9HTH
W1PBT	W2PJJ	K4AWS	W4WXX	W5WS	W6MMV	W7PUB	K9JFP
WA1PDT	W2QYX	K4AXT	W4YFH	K5WX	WA6MNM	K7RUA	W9JPB
W1PHE	K2REB	W4BOF	K4YIF	K5WXJ	K6MS	K7SDK	K9KIF
W1PRJ	WA2REJ	W4BRZ	K4YIM	K5WXM	K6MSG	W7TAX	W9KXZ
W1QKX	K2RUG	W4BU	W4YQI	K5WXO	W6MSM	W7UA	W9MOX
W1QXI	K2RVA	W4BUG	K4YQJ	K5WZX	W6MSN	W7UAG	W9MSH
W1QYX	W2TLV	W4BWZ	W4YWK	W5XXD	W6MSZ	W7UAK	W1NSH
K1RTH	W2TQI	W4DUD	K4YAZ	K5XZ	WB6MVP	W7UAN	W6XII
W1SDZ	W2UG	W4EGT	W4ZCM	W5YK	WA6NAG	W7UBK	K9PBP
W1TAW	W2UK	W4FIW	K4ZIW	W5YX	W6NGR	W7UTB	W9PCW
W1TWU	K2UP	K4GUD	W4ZKH	W5ZIH	WA6NHG	W7UZU	W9PTP
W1YDS	W2UTS	K4GUZ	W4ZN	K5ZXD	W6NNH	W7VAB	K9QYD
W1YQA	K2VWA	W4GUZ	W4ZNC	W6AJA	W6NQJ	W7WCG	W9SU
WA2ALB	K2WAF	W4HAG	W4ZNH	W6AMJ	W6OQJ	W7WRC	W6TG
W2AMG	WA2WEH	W4HJK	W4ZXI	W6ANJ	W6OSO	K7YHH	K9TGB
W2AMH	WA2WBP	W4HJZ	W5AAV	W6AQ	K6OWA	W7ZC	W9TGD
W2AMU	WA2WEX	K4HMS	W5ABW	K6AZL	W6OWJ	K8AFJ	K9TGG
W2AQV	K2WM	W4HQJ	W5AGJ	W6BAA	W6PWA	W8AMJ	W9TGM
WA2AZL	W2WUU	W4HSH	W5AJM	WB6BAP	W6PWT	K8AXU	K9TGM
W2AZO	K2YCO	K4IBC	W5ANH	K6BCM	K6QUJ	W8CEO	W8TGP
W2AZY	K2YCR	K4ICV	K5APK	W6BJZ	W6QS	W8CIO	K9TGX
W2BCC	K2YF	K4ICX	K5ARX	K6BJZ	K6RJB	W8DEI	W9TGT
K2BQR	K2YXF	W4IHK	W5AVG	W6BKA	K6SDG	W8EAY	W9TMB
K2BUG	W2ZR	K4IOC	W5AWP	W6BYW	WB6SDZ	W8EUJ	W9TNB
K2CJI	W3AIR	W4IXK	K5BMV	WB6CGP	K6THK	W8FEE	W9TOS
W2DKY	W3ANJ	W4IXT	W5CAY	W6DEA	K6TIK	W8FEI	W9TQI
K2ELJ	W3AUJ	W4KZF	W5CPK	W6DKG	W6TKJ	W8FER	W9TQS
W2EJX	W3BKU	W4LTU	W5ES	W6DOR	K6TKK	W8KCY	K9UID
WA2EUK	W3BKU	K4MAL	W5HKQ	W6DQI	K6TNK	K8KPE	K9UIP
W2FZT	K8BPA	K4MDS	K5HMY	W6DWJ	K6TSC	W8KPE	K9USF
K2GMI	W3BPR	W4MET	W5IFM	W6DX	K6TSM	W8KW	W9WDB
K2GMM	W3BY	W4MGT	K5IXC	W6DYE	W6TTB	W8KWW	W9WDH
K2GMY	K3DEO	K4MHG	W5JRM	W6DYJ	W6TWK	W8LPO	W9WLD
K2GNE	W3DSZ	W4MHI	WA5JUZ	W6EGH	W6UCK	W8MVE	W9WLD
K2GQG	W3FBZ	K4MIF	W5JW	W6EJW	W6UOW	W8NAH	W9WND
K2GSF	K3FGV	W4MIZ	K5JWC	W6ESM	WA6UQH	W8NHH	W9WOK
K2GTG	K3GA	W4MKJ	K5JWL	K6FCH	WA6UCXN	W8NSD	W9XBB
K2GUM	K3HHS	W4MKT	W5JWR	W6FZA	K6UZG	W8PBP	W9YB
WA2GUS	W3IDZ	W4MMT	W5JWS	W6GCD	W6WBT	W8PTY	W9ZCR

**Table III-B -- Continued**  
**Calls That Were Reported Once Thru Oscar III**

W9ZIS	W0JRE	W0WPH	DL2EI	G3BO	HB9RGD	OZ90	VE3BPA
W9AIK	W0LAR	K0YYJ	DL3BJR	G3ED	HB9WB	PA0COB	VE3BQ
W0AMC	W0LFW	KH6IZY	DL3BYA	G3EDP	HB9WG	SM1ZZN	VE3BW
K0AMJ	W0LIR	KH6QPE	DL3EN	G3HBV	HB9ZN	SM4COK	VE3BYN
W0AZL	W0MGK	KL7CLH	DL3ENA	G3HRO	LA3YS	SM5BI	VE33ZN
W0BJJ	W0MOK	DJ1EQ	DL3SP	G3JNC	OE3TQ	SM6GU	VE3DNM
W0DDJ	W0MUX	DJ2BE	DL3VOA	G3KAD	OE4TQL	SM7BA	VE3DP
K0DOM	W0MWX	DJ3DN	DL3OFA	G3LBA	OH2DV	SM7BAE	VE3EIQ
W0ENC	W0NSH	DJ3ET	DL3OPA	G3LCG	OH3VHF	SM7BS	VE3ES
W0EYS	W0NWC	DJ3NC	DL3XW	G3LX	OK1AH	SM7BSX	VE3GQT
W0FDZ	W0NWD	DJ3SML	DL3YAB	G3NN	OK1CG	SM7BSZ	VE3KEO
W0FNW	W0NWL	DJ3YBA	DL3YD	G3SON	OK1WA	SM7CDO	VE3KYF
K0GJJ	W0NWO	DJ4DZ	DL3YDS	G3SRA	OK1ZG	SM7CH	VE3MA
W0GMM	K0OQI	DJ4EC	DL4ZC	G3VR	OK2RC	SM7CS	VE3MIR
W0HCY	W0PAD	DJ4EO	DL6BJ	G4LR	OK2TU	SM7GSC	VE3MSM
W0HJZ	W0PSF	DJ4GZ	DL6DT	G4LU	OK2WCR	SM7OCS	VE3OAN
W0HWX	W0QXX	DJ4IE	DL6EMI	G5AG	OK7AHO	SM7OS	VE33QN
W0IB	W0RED	DJ4JK	DL6GU	G6ALV	ON4AO	SM7OBA	VE4QF
W0IBD	W0RER	DJ4LT	DL6WG	G6AP	ON4FD	SM7OX	VE6BPG
K0IDY	K0RKT	DJ4LZ	DL6GV	G6HG	ON4FM	SM7SK	VE6VF
W0IJA	W0SWX	DJ4YP	DL6GW	G6JP	ON4TK	SM7ZYM	VK2AFW
W0IKP	W0TDE	DJ9DM	EA4AN	HB9AP	ON4UG	UR2DT	VK7PF
W0ISR	W0TKX	DL1CK	F2TU	HB9AR	OZ4RO	VE1EK	ZL1DE
W0IU	K0UWV	DL1DA	G2BA	HB9IP	OZ5EDR	VE2DL	ZL1PE
W0IXC	W0WEB	DL1GA	G2DT	HB9LB	OZ9AK	VE2IR	
W0JAS	W0WER	DL1LS	G3AG	HB9RA	OZ9AV	VE3BEK	

**Table III-C**  
**Partial Calls Reported Through Oscar III**

DL6**	W2***	DJ3**	K2N**	DJ***	WA2**B	K3**	KL7C**
K1***	W4MS*	G3**	G3**F	OK2W**	K3**	K3***	W7WR*
WB6***	W0EX*	K2MJ*	W9***	DL3Y	VE3***	K7***	WA2W**B
K8***	*5WXY	WA2WO*	***ZY	K5**	W0*BE	W6***	W9*PV
K9J**	WA2YX*	WA2***	W7U**	K3***	W6**	W7***	W0***
KL7C**	WB6J**	K2***	W7H**	W1FK*	*2YXS	W8*RG	*9FHU
W6M*E	W1Y*L	W4**H	WB6***	K3KE*	K*SDK	K0MA*	SM7B*
W4*SB	WA2***	W0***	W7***	W0LE*	OZ9*R	W3UP*	DJ4**
WB8***	VE3***	W3***	W0OX*	W9G1*	K6***	W2A**	G3LQ*
K7***	W1*JK	W8***	DL1**	W3K**	*YCG	W5K**	W9NL*
K8***	K4***	*6JS*	ON4***	W5***	W4A**	W0*UE	W9T**
ON4**	*8G*Y	*J9DI	K4CX**	W8***	W8***	K6***	W6TK*
DL1L*	*4YXP	DL9DT*	W3E*Z	*5WXM	WA2***	*2AMJ	W6ZK*
G3***	*OPSA	W6BE*	W5WK*	W8PT*	W1***	W**AP	VE3SQ*
K9TD*	**NUG	K5WX*	K9OC*	K7C**	W4***	VE***	W5K**
KL7AU*	**QLX	W6B*K	W3VY*	W7U**	W7JR*	DJ3*	W2***
K9***	**HZ	W4***	VE3E*	W*AGB	G2GL*	WB6***	W8***
SM7OS*	W5***	WB6***	K8R**	W7Q*W	DL9*U*	K4MW*	W7***
DL1L*	W1***	W*RLU	K6H**	WB6L*Y	SM3**	W9***	DJ4*U
HB9R*	OK1**	K*RTH	*8YIC	VE3**	G2*DT	W6***	EA4**
GS**	WB6*ZY	W7LE*	W8Y**	VE3***	G3**	DJ3ON*	W0***
***CB	K5***	K7NI*	DJ9**	W5***	OZ9*C	DJ3*	UB1**
W4MS*	K6DZ*	W7U**	WA2***	K2***	VE3D**	HB***	*2ARK
K6IS*	SM5**	WB6***	G3**	W7*PK	W8Y**	DJ4TY*	DL7**
W9ZI*	*OCIU	*2DG	W9***	W9***	W4***	DJTY*	G3***
W9**B	K2G**	*3NXT	*8DNO	**MWA	W3***	OK1**	F8N*
**BQH	W9***	VE***	*8YIC	W7U**	W9***	VE***	OK3**
W7TA*	**WXZ	W9PB*	K6TK*	SM7**	K6KS*	K2YC*	DJ4**
W4F*	W5WX*	K5TT*	W0EN*	G3*DD	W3CO*	W9SF*	K9A**
W4HU*	WB6J**	VE3***	WA2WE*	W2***	W1A**	W4WR*	W8K**
W6DE*	VE3**	K5***	K2NW*	DJ9**	W4E**	W4S**	K8***
W9T**	WB6***	VE3SQ*	WA0IG*	W7*HL	K3***	K2***	W8K**
W0M**	W0TT*	K5S*A	VE3BQ*	DJ3EN*	K1*LF	W0***	W4M**
K8D**	K6***	WA6***	W0Y*F	DJ2A*	VE3***	W9***	VE3**
W8D**	K4***	W2*ZL	K2***	DL3**	W6***	W8***	VE7**
W4***	**PW	*9NTP	VE3**	ON4**	W8***	W4***	W6***
*9SUJ	*2GUG	W9G**	*8SDJ	DL3**	*5VY	*KEO	*4WN
*8EJH	G*GU	W8G**	**JHG	DL9**	*0GFP	K6S*P	*DZG
*4MDO	W0YS*	W7***	W9CH*	G1**	K2SA*	W7S*B	K6TS*
*DQI	W0TT*	W5***	K9C*U	DJ9**	W46***	W4M**	DJ4E*
W6AS*	**AZL	W**QP	K9U**	W2RT*	G3*S	DJ9**	DJ4**
W3CU*	W6***	OK*TU	DJ2**	W1LM*	**BSZ	W5***	DJ9**
W6*DO	**HDQ	SM7OS*	K0**V	W8KP*	W5A**	W3*MJ	*9VV
W8***	K2***	YU1EX*	K4***	W3DZ*	W2***	W3***	G6*G
W*YWD	W0*IC	G3**	*9ULF	W5VY*	OK2W*	W0***	UB2**
DL*OJ	W5**	G3O**	SM***	W1C*	11H*	W9***	OH2*V
W*DWI	W6***	SM5**	DJ3EN*	K3*BY	DJ2*E	W8***	K2***
UAO**	W*6MGZ	K9A*J	SM7O*	W7**	G6**	W4***	K2H**
LU3**	OK1**	W1***	UAQ**	W4*VG	OZ***	K6TY*	W7***
**BF	G5A*	K5***	DJ4*U	*2EW	SM7C*	WA6***	W8***
ON4**	DL4***	K4*YJ	DK4*U	W*FNR	W2AO*	F3**	G3***
G3**	UD3**	*8SSE	**JZY	W5WE*	K5WX*	W4***	*4TX*
OK***	OZ9**	VE3BQ*	G3N*	W6GR*	W2AJ*	DL8*Z	*3T*F
SM6**	ON4**	K5***	*3NC	W2AQ*	W0DG*	ZL1**	
SM5C*	HB9**	W5***	SM5B*	VE3B**	W7JR*	SM7*C	
SM6***	OK1**	W3*YF	DJ9**	K7E**	K9A*F	11**	
SM7**	OZ***	K4MH*	EA4*	W7R*L	K3K**	W1**	
F8***	VE2E**	W5K**	SM7***	W7J**	W2E**	*2WTB	