

**DIVISION 43**

**PICTORIAL  
DIRECTORY**



**TOLL  
TRANSMISSION**

 **Bell Laboratories**

**MAY 1973**

**TOLL  
TRANSMISSION**

---

**DIVISION 43**

**PICTORIAL  
DIRECTORY**

**AREA 40  
TRANSMISSION SYSTEMS**



G.C. DACEY  
GEORGE



M.A. HUTCHINSON  
MAGGIE



C.H. MC GOULD  
CHUCK



C.J. SMITH  
CONNIE

**DIVISION 41  
EXCHANGE  
AREA TRANSMISSION**



W.E. DANIELSON  
WARREN



E.R. LOOSME  
ELSIE



J.J. HAMER  
JACK



M. RUSSELL  
MANDA



G.L. KLINE  
GARY

**DIVISION 43  
TOLL TRANSMISSION**



E.F. O'NEILL  
GENE



M.C. MUNLEY  
MARY



W.F. COLANTUONO  
WALT



D.M. BOYLE  
DIANE



E.R. BRANDAU  
EARL

**DIVISION 43  
TOLL TRANSMISSION-  
MERRIMACK VALLEY**



I. WELBER  
IRWIN



Z.M. BUZZELL  
ZIL



B.L. DALESKE  
BERNE



I.F. BAUBLIS  
IRENE



J.M. MISTRICK  
JOHN

**DIVISION 45  
LOOP TRANSMISSION**



E.E. SUMNER  
ERIC



G.B. VANCE  
GRACE



J.F. MORRISON, JR.  
JOHN



D.A. DONOHUE  
DOTTIE



C.J. MORATZ  
CHUCK

## 431 RADIO SYSTEMS LABORATORY

### 4311 LONG HAUL RADIO DEPARTMENT



U.S. BERGER  
SY



\*D.E. BLINN  
DORIS



A.J. GIGER  
ADOLF



\*M.B. DIGNARD  
MAY



D.R. JORDAN  
DOUG



R.P. CHOYCE  
DICK



G.L. FRAZER  
GERALD



J.A. GERRISH  
JEFF



G.E. NADEAU  
GERALD



P.R. SMITH  
PAUL



T.L. OSBORNE  
TOM



G.L. FENDERSON  
GERRY



R.R. HACKETT  
BOB



D.S. HOWELL  
DENNIS



R.W. JUDKINS  
BOB



B.F. MATAS  
BRUNO



P.L. PENNEY  
PAUL



W. DEBUS  
WALLY



M. HAMMOND  
MATTHEW



S.H. LEE  
SHEE



G.J. O'CONNOR  
GIL



R.D. THOMAS  
BOB



R.E. SHERMAN  
BOB



K. FLEMING  
KEITH



J. GONDA  
JOE



P.J. KANDEFER  
PETER



R.W. KORDOS  
RON

4312 RADIO SYSTEMS PHYSICAL DESIGN DEPARTMENT



K.N. COYNE  
KEVIN



\*G.B. KUSHMARICK  
GENNIE



G.E. HADLEY  
ED



W.E. ADAMS  
BILL



T. COTTIS  
TED



A.E. EARP  
GENE



T.R. HULL  
TOM



A.C. KULAGA  
ANNE



J.C. McNULTY  
JIM



G.B. STEEB  
GEORGE



C.A. WOBBEKING  
CHARLIE



R.A. SWIFT  
DICK



H.R. BEDELL  
HARRY



W.P. BRANDER  
BILL



W.R. BROUILLETTE  
WAYNE



G.H. KLEMM  
GEORGE



W.W. KRAUSHAAR  
WALT



T.E.R. SIMPSON  
TOM



A.L. TOWNSEND  
ALLEN



R.M. WHEATLEY  
BOB



L.F. TRAVIS  
FRANK



A.D. BOREN  
ART



K.L. HENTZ  
KARL



D.H. SKILLMAN  
DENNIS



J.W. SPONSLER  
JOHN



C.P. SUSEN  
CHUCK



J.L. VEGA  
JIM

TECHNICAL  
CLERKS



\*M. AUMAIS  
MARIE



\*E.F. SALAS  
ELAINE

4313 RADIO TERMINAL DEPARTMENT



D.D.SAGASER  
DON



\*P.M.POITRAS  
PAULINE



J.GAMMIE  
JIM



F.CAMPBELL  
FLOYD



M.E.ERPS  
MAC



W.O.HUTCHESON  
DOUG



R.W.LAWRENCE  
BOB



H.H.MAHN  
HANK



H.D.GRIFFITHS  
HERB



C.R.ABBRUSCATO  
CHUCK



R.T.COONEY  
RICHARD



R.O.DAVIDSON  
BOB



F.H.LANIGAN  
FRED



L.Y.LEVESQUE  
LOU



O.R.MARCOTTE  
DON



H.E.MENKES  
HENRY



W.C.TRESTED  
WARREN



J.A.WILLIAMSON  
JOHN



A.HAMORI  
ANDY



T.A.BLACK  
TOM



R.R.DeSIMONE  
RICHARD



R.M.MADDEN  
BOB



R.C.SALVAGE  
BOB



J.J.JANSEN  
JAN



F.J.ANDROSKI  
FRANK



M.S.CLOTT  
MIKE



C.I.L.CRONBURG  
CLAUDE



O.GIUST  
OVIE



G.R.LAJOIE  
GERRY



C.D.WILSON  
CARL



R.C.PRIME  
RON



J.F.CONKLIN  
JOE



R.M.JANSEN  
BOB



B.L.JOHNSON  
BARRY



K.R.MASON  
KEN



L.L.SHEETS  
LARRY



D.S.WILLIAMS  
DON

**4315 CARRIER TERMINAL DEPARTMENT**



R.A. TARBOX  
DICK



\*J.M. COLLIPI  
JOAN



G.W. BLEISCH  
GEORGE



J.E. BULGER  
JOE



C.V. FANUELE  
CHUCK



N.E. LENTZ  
NORM



A.C. OESTRICH  
ART



B.A. PEARDON  
BRUCE



T.J. HALEY  
TOM



R.W. COUTURE  
RUSS



R.E. POWERS  
BOB



R.L. HANER  
BOB



S.T. BASTIAN  
STEVE



R.W. DALTON  
BOB



A.A. GONSALVES  
ALAN



O.C. HAUCK  
OUG



T.R. HELMES  
TOM



D.S. WILLIAMS  
DON



L.A. FOURNIER  
LEE



E. HOMAN  
ED



R.J. LA FLAMME  
BOB



R.E. LE BLANC  
OICK



J.J. LUKASZKA  
JOE



E.G. MORTON  
ED

**432 CARRIER TRANSMISSION LABORATORY**  
**4321 CARRIER EQUIPMENT DEPARTMENT**



J.T. BANGERT  
JOHN



\*H.F. SULLIVAN  
HELEN



L.H. STEIFF  
LEON



\*R. YESTREMSKI  
RITA



W.G. ALBERT  
BILL



A.G. FAVALE  
TONY



A. GIRDOUX  
AL



S. KORBA  
STEVE



R. McMILLAN  
BOB



F.J. O'NEIL  
FRANK



D.M. PIERCE  
DWIGHT



R.J. ROBINSON  
RALPH



W.C. SCHMIDT  
BILL



W.C. WESTPHAL  
BILL



W.P. MICHAUD  
MICH



D.V. ANDERSON  
DAVE



T.C. AUSTIN  
TOM



J.R. BUOTTE  
ROGER



R.S. BURNELL  
BOB



J.J. CONNELLY  
JOHN



E.T. MACKEY  
ED



R.J. WIRTZ  
RALPH



L.A. BOWIE  
LEON



D.L. DURAND  
DON



W.P. FRAWLEY  
BILL



J.R. HALL  
JIM



D.D. KIMBALL  
DARRELL



C.J. RIMAS  
CHARLIE



C.C. ROCK  
CARROLL



T.H. WINTER  
TED



\*C.F. LYNCH  
NEIL

TECHNICAL  
CLERKS



\*L. BERUBE  
LOUISE



\*E. BOWAB  
EMILY



**4322 COAXIAL SYSTEMS DEPARTMENT**



**W.G.SCHEERER  
BILL**



**\*J.G.GOFF  
JOAN**



**G.F.CRITCHLOW  
GEORGE**



**R.K.BATES  
DICK**



**T.F.CAHALAN  
TERRY**



**J.W.CHAROW  
JOHN**



**J.H.GREEN  
JOHN**



**J.G.SHIELDS  
JIM**



**R.D.TIBBETTS  
DICK**



**F.J.HERR  
FRED**



**C.W.IRBY  
CARL**



**F.C.KELCOURSE  
FRANK**



**G.H.KIM  
GIHONG**



**W.E.NDRIS  
WALT**



**J.W.SMITH  
JON**



**O.J.ZORN  
DON**



**Y.S. CHO  
YD SUNG**



**A.DUBOIS  
TONY**



**G.W.KATTKE  
GERALD**



**T.B.MERRICK  
TOM**



**J.S.YOUNG  
JOE**



**J.F.OBERST  
JIM**



**R.E.BENJAMIN  
BOB**



**B.B.GARG  
BRIJ**



**D.A.LANE  
DON**



**D.C.WELLER  
DAVE**



**B.T.BROWN  
BART**



**J.S.RONNE  
JIM**



**R.A.VINCE  
DICK**

**TECHNICAL  
CLERKS**



**\*A.M.MAKER  
ANN**



**\*B.A.ROWE  
BETTY**

**4323 DATA AND DIGITAL SYSTEMS DEPARTMENT**



J.B.SINGLETON  
JOHN



\*I.MARTINEAU  
BELLE



J.B.EVANS, JR.  
JIM



G.I.DAGUE  
GEORGE



L.O.PERREAU  
LENNIE



J.C.SMITH  
JIM



L.E.SOMERS  
LARRY



C.E.TWIST  
BUD



W.B.GAUNT, JR.  
WILL



J.F.CARRIERE  
JOE



A.L.OE BURRO  
GUS



J.E.LANORY  
JOE



H.A.MILDONIAN  
HARRY



D.A.SPIRES  
DWAYNE



J.A.VIEIRA  
JOE



J.A.LOMBARDI  
JOHN



R.W.BLAIR  
BOB



G.H.BURWELL  
HERB



P.B.CUNNINGHAM  
PETE



J.F.GRACZYK  
JIM



W.A.JANICKI  
WALTER



J.J.LUDWICK  
JOHN



C.J.McGRATH  
CARL



R.A.ROY  
ROY



F.E.WEBER  
FRED



R.E.MAURER  
BOB



S.J.BUTTERFIELD  
STEVE



N.F.OINN  
NEIL



W.J.MAYBACH  
WES



S.B.PFEIFFER  
SIG



L.R.PUTNAM  
LARRY

TECHNICAL  
CLERK



\*D.GARMAN  
DEE

**4325 COAXIAL CIRCUITS DEPARTMENT**



J.J. LANG  
JOE



\*L.G. CRISHAM  
LILLIAN



E.H. ANGELL  
ERIC



G.H. DESHAIES  
GERRY



P.F. DION  
PAUL



J.T. HUNT  
JIM



M.M. LUNIEWICZ  
MIKE



P.F. MOLANDER  
PETE



G.A. WAUGH  
GARY



K.P. KRETSCH  
KEN



J.H. CRANDALL  
JOHN



C.R. CRUE  
CHARLIE



M.R. GIAMMUSO  
MIKE



R.C. HOPPLER  
BOB



J.W. MULCAHY  
JOHN



S. NARAYANAN  
SAM



T.J. APRILLE  
TOM



N. DiPRIMO  
NICK



P.G. ST. AMANT  
PAUL



K.D. TENTARELLI  
KEN



P.M. HURLEY  
PAT



R.K. NELSON  
KENT



R.P. OPRANDI  
BOB



J.L. THOMAS  
JOHN



R.E. ANDERSON  
BOB



P.J. BAUN, JR.  
PHIL



P.M. BERARD  
PAUL



M.A. LEVEILLE  
MIKE



M.A. PLANTE  
MAC



J.P. RUSSO  
JOHN

TECHNICAL  
CLERK



\*M.H. BRETTON  
MARION

## 433 TRANSMISSION TECHNOLOGY LABORATORY

### 4331 TRANSMISSION COMPONENTS DEPARTMENT



J.CHERNAK  
JESS



\*M.L.ROGERS  
MARY



J.J.DEGAN  
JACK



J.FRANZ  
JEAN



R.J.MORRIS  
DICK



B.D.CARNIGLIA  
BERNIE



\*B.HODGSON  
BARBARA



R.J.MURRAY  
BOB



R.L.PHILLIPS  
BOB



K.W.STERNSTROM  
KENT



A.OLSEN, JR.  
ART



R.W.AVERY  
DICK



R.L.BILLINGS  
BOB



B.FRACKIEWICZ  
BOB



R.M.LEAFER  
BOB



R.C.WALKER  
DICK

(A.OLSEN, JR.)  
(ART)



F.J.BANZI  
FRED



J.M.CADY  
JIM



N.C.METZ  
NORM



M.WOHLHIETER  
MARION



D.H.KLOCKOW  
DENNIS



G.D.ALLEY  
GARY



V.S.ARAMATI  
VICTOR



R.J.DOW  
BOB



R.C.MATHEWS  
BOB



R.J.PFAFF  
DICK



R.L.WILLENS  
DICK

### 4332 TRANSMISSION NETWORKS DEPARTMENT



F.J.WITT  
FRANK



\*A.E.ORDZIE  
ADELE



E.J.DRAZY  
ELBERT



V.H.ANDERSON  
VIC



K.K.AGARWAL  
KRISHNA



J.A.FLYNN  
JIM



A.P.LIGOR  
ANDY



R.A.RAY  
BOB



D.A.VICEDOMINE  
DOMINICK



H.WESTPHALEN  
HEINZ



J.L.GARRISON  
JED



K.M.BROWN  
KEN



E.D.FINCH  
ERNIE



A.N.GEORGIADES  
ANYO



A.F.GRAZIANI  
ART



B.C.MEYER  
BERT



E.MILES  
ED



H.A.SIMPSON  
AL



R.P.HECKEN  
RUDY



R.L.ADAMS  
BOB



\*A.BUCHANAN  
ANNE



N.O.BURGESS  
NORM



D.W.CIACIUCH  
DON



P.D.LeBLANC  
PHIL



G.J.MANDEVILLE  
GORDAN



D.I.McLEAN  
DALE



R.E.SHEEHEY  
BOB



R.SULIVERAS  
ROLANDO



C.F.KURTH  
CARL



R.W.DANIELS  
DICK



M.FIORE  
MARCO



W.P.HARRIS  
BILL



C.Y.KAO  
CHIH-YU



A.R.LUCAS  
ANDY



R.C.MacLEAN  
ROD



J.NOVAK  
JOHN



C.F.WALKER  
CHUCK



T.H.SIMMONDS, JR.  
TDM



J.L.DDNOGHUE  
JIM



\*E.JEWEL  
EMILY



C.M.SOUZA, JR.  
CHARLIE



K.J.STACKHOUSE  
KEN



J.R.SUNDQUIST  
BOB



R.K.WEEMAN  
ROLLIE



D.E.WESLEY  
DAVE



L.L.WESNER  
LARRY



H.C.WANG  
HANCHIU



G.M.BLAIR  
GEORGE



F.G.JOYAL  
FRANK



P.W.NIELD  
PHIL



C.L.REN  
JULIUS



R.F.WESSLING, JR.  
BOB

**4333 COMPUTER-AIDED ANALYSIS AND CHARACTERIZATION DEPARTMENT**



J. LOGAN  
JOHN



\*J.A. REALE  
JOANNE



B.A. FINK  
'B'



\*J.M. COLE  
JANET



\*B.K. GAUDETTE  
BARBARA



\*D. GILBERT  
DIANE



\*K. HEDDEMON  
KAREN



J.L. KEMP  
JEAN



\*M. LEWIS  
MARY



J.M. LITTLEFIELD  
JUDY



R.A. FRIEDENSON  
BOB



J.R. BREILAND  
JOHN



M. LeCLAIR  
PEGGY



L.A. PALAZZO  
LOU



G.C. REIS  
GEORGE



E.R. RICHARD  
BETH



\*P. WARCHOL  
PAT



C.F. HEMPSTEAD  
CHUCK



\*G.D. BAKER, JR.  
GEORGE



\*L.C. BUSWELL  
LENNY



R.I. DOWELL  
DICK



P. GAGNON  
PAUL



L.J. KISZKA  
LARRY



N. MARDIROSIAN  
NANCY



P.S. MEIGS  
PETE



K.A. MULKERIN  
KATHY



R.A. NOEL  
RALPH



A.P. ORTIZ  
AUGUSTO



M.L. LIU  
MING



M.A. BERKEY  
ANN



R.M. CHEN  
RICHARD



B. DANE  
BATIA



T.V. GAUDET  
TERRY



P.D. HALKIOTIS  
PENNY



Y.L. KUO  
YEN



N. MILIAN  
NEGIA



J.D. WITKOWSKI  
JOAN



R.P. SNICER  
BOB



A. ANUFF  
AL



A.H. FIELDING  
ALMA



P.H. McDONALD  
PAT



\*M.J. PUGLIELLI  
JOANNE



M.A. THOMA  
MIKE



E.D. WALSH  
ED

**4334 DESIGN REALIZATION AND DOCUMENTATION DEPARTMENT**



G.A.TUCHEN  
GERD



S.M.PORRO  
SUE



A.J.ALBERTS  
AL



R.L.BIERMAN  
DICK



R.C.COOPER  
BOB



H.CURTIS  
CURT



T.KULIOPULOS  
THEO



C.D.MANDRONE  
CARL



P.D.PATEL  
P-D



N.K.SHARMA  
NAND



J.E.GORMAN  
JIM



G.F.HALL  
GEORGE



R.B.HOGAN  
ROLLIE



F.E.BOUCHER  
FERN



K.S.BROWN  
KEN



D.J.FISH  
DON



F.F.GEORATO  
FRANK



C.J.MASLOWSKI  
CHET



P.A.MAYNARD  
PAUL



E.L.PARTINGTON  
ERNIE



E.J.POULIN  
ED



W.W.STONE  
WES



G.E.TIBBETTS  
GERRY



K.J.WILSON  
KEN



R.H.WUNDERLICH  
BOB

**4334 DESIGN REALIZATION AND DOCUMENTATION DEPARTMENT**



L.P. LANTAGNE  
LOU



M. AARDNIAN  
MARTY



F.H. ARAKELIAN  
FRED



J.J. ARCIDIACONO  
JOE



M.C. BANGS  
MARILYN



R.F. CYR  
DICK



R.W. HERRICK  
DICK



P.B. MacDONALD  
PAUL



R.F. MAYNARD  
BOB



R.A. MUGAVERO  
DICK



H.A. PARASKOS  
HARRY



G.A. RATTE  
GLENN



W.J. RONDEAU  
BILL



A.A. SHELTRA  
ARNIE



N.C. TARDIE  
NORM



P.G. WENDELL  
PHIL



R.A. WILLIAMS  
DICK



R. WONG  
ROBERT



R.J. TATEM  
BOB



V.A. MIELE  
VIC



D.L. BLAIS  
DON



R.D. COSGROVE  
ROY



F.A. CURRAN  
FRANK



B.J. DUFFIN  
BRIAN



R.A. GERMAN  
RUSS



G.W. GUDOWSKI  
GEORGE



J.P. KELLY  
JACK



E.H. KINNEY  
ED



E.W. MURPHY  
ELIZABETH



A.P. O'TOOLE  
PETER



E.S. RICE  
MARIE



W.P. RUGER  
BILL



N.K. SAVINELLI  
NANCY



A.W. SULLIVAN  
ARNOLD



E.A. SWINERTON  
ERNIE



E.T. THOMAS  
ED



R.C. BURNS  
BOB



G.J. BAIRD  
GARY



B.M. BLOOD  
BARRY



L.M. DEVLIN  
LAURIE



R.C. FAIRBROTHER  
BOB



C.E. HUTCHINS  
CHARLIE



J.W. SHERMAN  
JOHN



**4341 TRANSMISSION METHODS DEPARTMENT**



R.H.KLIE  
BOB

**435 RADIO TRANSMISSION LABORATORY**  
**4351 SINGLE SIDEBAND MICROWAVE RADIO DEPARTMENT**



W.C. JAKES  
BILL



\*P.G. BELAND  
PAULINE



R.E. MARKLE  
RAY



\*C.J. NICHOLS  
CHARLOTTE



J.M. KIKER  
MORGAN



T.J. CASE  
TOM



E.C. COOPER  
ED



M. EMSHWILLER  
MAC



H.L. GOLDSTEIN  
HANS



W.E. PINCKNEY, JR.  
ED



N.B. ROWE  
NICK



M.E. SANDS  
MEL



D.E. SANFORD  
DAVE



H. MIEDEMA  
HOTZE



E.F. COOK  
ED



J.R. DONNELL  
JOHN



R.J. FELSBERG  
BOB



R.C. HEIDT  
DICK



G.L. HEITER  
GEORGE



E.J. McHALE  
GENE



F.J. PROVENZANO  
FRANK



R.B. SWERDLOW  
DICK



R.H. MOSELEY  
DICK



S.B. PIRKAU  
SIEGFRIED



W.A. ROBINSON  
WILLARD

**4352 DIGITAL TRANSMISSION ON RADIO DEPARTMENT**



A.C. LONGTON  
COURTNEY



\*J.C. CAYER  
JACKIE



C.P. BATES  
CYRIL



P.E. BUTZIEN  
PAUL



E.R. FLADAGER  
ERIK



G.B. GREGOIRE  
GEORGE



O.M. HANSON  
DAVE



S.A. HARVEY  
STEVE



N.R. LAMPERT  
NORM



J.P. MOFFATT  
JIM



J.E. RICHARD  
JIM



C.A. SILLER  
CURTIS



W.G. STIERITZ  
BILL



W.J. SCHWARZ  
BILL



J.S. BITLER  
JIM



J.C. FREEMAN  
JON



V.C. MacNEILL  
VERN



W.G. ROBINSON  
WILEY



W.G. SCHOLES  
BILL



C.O. STEVENS  
CHARLES



D.F. YETTER  
DAN



K.L. SEASTRAND  
KURT



R.R. GRADY  
DICK



J.W. KNAPP  
JOE



J.J. NIGRELLI  
JOHN



D.N. RITCHIE  
DON



F.M. SMITH  
FRED



J.G. ST. ONGE  
JOE



R.P. SLADE  
DICK



W.C. BARNES  
WILL



W.Y.S. CHEN  
WES



D.F. DENNINGER  
DAVE



J.J. KENNY  
JOHN



G.H. LENTZ  
GEORGE



L.J. PIETRZYK  
LARRY

**7750 MV SERVICE OPERATIONS DEPARTMENT**



R.A. CLAYTON  
RAY



\*R.M. ROGERS  
RUTH



D.S. SMITH, JR.  
STU



\*G. HASTINGS  
GEORGE



\*F.A. KOTHMAN  
FRANK



\*J.J. MORIN  
JOHN



L.E. SICARD  
LEO



\*F.A. THOMPSON  
FRANK



W.L. WHINN  
WALLY



\*R. DAVIDSON  
BOB



\*J.V. NICOSIA  
JIM



\*E.H. THOMPSON  
ED



M.D. STACHURA  
MIKE

## 436 TOLL TRANSMISSION ENGINEERING CENTER

### 4362 TOLL FACILITIES ENGINEERING DEPARTMENT



N.LEVINE  
NAT



M.M.WINTERS  
MARGE



S.D.HATHAWAY  
SAM



A.JOHNSON  
ALICE



J.R.GRAY  
JIM



R.ADLEMAN  
RICH



A.K.REILLY  
ART



R.S.LIBENSCHKEK  
RUDY



D.B.BULLOCK  
DON



D.G.DRUDIK  
DON



S.L.FENNICK  
SALLY



C.M.LOSIK  
CHUCK



G.M.PHILLIPS  
GEORGE



A.J.RESCH  
AL



M.J.PAGONIS  
MIKE



J.H.CHISLOW  
JOE



J.GOLDMAN  
JOEL



S.J.LAWRENCE  
SHIRLEY



A.S.ROSENBAUM  
STEVE



G.H.SWAN  
GEORGE

4363 RADIO ENGINEERING DEPARTMENT



E.E.MULLER  
ERWIN



D.DYKMAN  
DIANE



O.L.WILLIAMS  
OWEN



W.T.BARNETT  
BILL



W.G.AHLBORN  
BILL



G.M.BABLER  
GARY



D.G.BEAN  
DAVE



H.J.BERGMANN  
HANK



P.M.CRONIN  
PHIL



P.L.DIRNER  
PAT



J.FRANZBLAU  
JOE



S.H.LIN  
SING



C.H.MENZEL  
CHARLIE



L.J.MORRIS  
LEE



C.A.SALESKI  
CARM



E.J.SZABOCSIK  
BETSY



A.VIGANTS  
ARVIDS



G.A.ZIMMERMAN  
GLENN

(E.E.MULLER)



C.C.BAILEY  
CHUCK



M.V.PURSLEY  
MONTE



P.B.SIMPSON  
PAM

**4364 RADIO CONSULTANT**



**K.BULLINGTON  
KEN**



**D.DYKMAN  
DIANE**

## 437 MILLIMETER WAVE SYSTEMS LABORATORY

### 4371 MILLIMETER WAVE MEDIUM DEPARTMENT



W.D. WARTERS  
BILL



D. REDMOND  
DORIS



D.A. ALSBERG  
DIETER



C. PALMER  
CATHERINE



M.A. GERDINE  
MILT



E. BOCHNER  
ELI



J.I. GLASER  
JERRY



L.W. HINDERKS  
LARRY



S.C. MOORTHY  
SUNDARAM



B.S. SEIP  
BARRY



S.D. WILLIAMS  
STU



D.T. YOUNG  
DALE



R.D. TUMINARO  
RAY



R.J. BOYD  
RAY



J.W. CARLIN  
JIM



R.J. COLARDEAU  
RDGER



W. DeLANG  
BILL



C.F. DEN  
CHI



A. MAIONE  
AL



J.E. MILLWATER  
JACK



E.J. WICKS  
EARL



T.J. WEST  
TOM



J. AAGESEN  
JOHN



J.C. ANDERSDN  
JAN



J.L. DOANE  
JOHN



P.E. FOX  
PAUL



S. HARRIS  
SMITTY



E. SCHULTZ  
ED



D.J. THOMSON  
DAVE



E. VIGNALI  
GENE



**4372 MILLIMETER WAVE INSTALLATION ENGINEERING DEPARTMENT**



J.C. BANKERT  
JON



D. STAUB  
DOTTIE



\*A. REGISTER  
ANN



\*D. SETHMAN  
DIANE



H.A. BAXTER  
HOWARD



R.E. dePOORTERE  
BOB



C.K. GARRETT  
KEN



M. HAGOPIAN  
MAL



D. OLASIN  
DAN



J.J. POKLEMBA  
JOHN



D.R. RUTLEDGE  
DON



F. SADOWSKI  
FRANK



J.A. SCHELKE  
JOE



R.W. GREtter  
RALPH



K.R. JONES  
KEN



M. LUTCHANSKY  
MILT



P. SYNEFAKIS  
PAT



A.B. WATROUS  
AL



M.S. ZUCKER  
MEL



R.P. GUENTHER  
BOB



N.L. FRANCIS  
NOEL



W.M. HAUSER  
BILL



C.J. WILLIS  
WILL

**4373 MILLIMETER WAVE DESIGN DEPARTMENT**



P.T. HUTCHISON  
PETE



R. SCHNADER  
BECKY



P. BROSTRUP-JENSEN  
PETE



R.J. BROWN  
BOB



H.F. LENZING  
HARRY



F.J. PERAGINE  
FRANK



J.J. SCHOTTLE  
JEFF



J.A. SOLEWSKI  
JOHN



D. SUN  
DAVE



M.O. TREMBLAY  
MARK



P.J. TU  
PETER



E.T. HARKLESS  
EARL



R.C. ASHENFELTER  
BOB



G.S. AXELUNG  
GUNNAR



C.M. BLAOES  
CARL



A.C. CHIPALOSKI  
CHIP



O.R. GUNDERSON  
DAVE



R.A. HOHMANN  
RALPH



T.F. McMASTER  
TOM



B.T. VERSTEEGEN  
BRUCE



O.N. ZUCKERMAN  
OON



R.W. MUISE  
DICK



R.D. BILODEAU  
BOB



M.J. BONOMI  
MARK



S. CHENG  
STEVE



W.R. GRAHAM  
BILL



P.J. McCLEER  
PAT



A.F. PERKS  
ART



W.F. STUDIOIFORD  
BILL



A.J. NARDI  
ARMAND



S.H. CURETON  
SAM



J.J. GAINNEY  
JOHN



P. KILCOMINS  
PAT



J.W. MC CULLOCH  
JOHN



H. MISAN  
HENRY



S. SHAPIRO  
SEYMOUR



W.G. THOMPSON  
BILL



H.H. WEINREICH  
BUD

**4374 SATELLITE SYSTEMS ENGINEERING DEPARTMENT**



H.W.EVANS  
HAYDEN



J.HYLAND  
JACKIE



D.JARETT  
DAVE



C.W.LUNDGREN  
CARL



L.D.SPILMAN  
LARRY



G.W.TRAVIS  
GEORGE



J.W.BOYHAN  
JOHN



D.M.BRADY  
DOUG



S.J.D'AMBRA, JR.  
SAM



J.L.FROMME  
LANCE



F.E.LADD  
ED



F.E.PLACEK  
FRANK

**438 SUBMARINE CABLE LABORATORY**  
**4381 ELECTRICAL AND PHYSICAL DESIGN DEPARTMENT**



R.D. EHRBAR  
BOB



G.E. MORAN  
BETTY



J. McLAY  
JOHN



N. HAY  
NARDA



R.F. GLEASON  
BOB



H.T. BUSCH  
HANK



M. FLOREZ  
MANNY



R.C. MONDELLO  
RICH



D.C. REED  
DON



A.G. RICHARDSON  
AL



H.L. SMITH  
HERB



G.A. REINOLD  
GORDON



N.M. BROWN  
NEIL



J.W. COOK  
JOHN



R.K. GRAEF  
RADZIA



J.W. HUCHKO  
JOHN



K.H. KOEMM  
CARL



H.R. LUNDE  
HAROLD



F.J. SPOLLEN  
FRANK



R.P. WELLS  
DICK



J.C. WYMAN  
JACK



P.A. YEISLEY  
PAUL



J.R. STAUFFER  
JACK



W.D. BACKUS  
BILL



F.A. BURGESS  
FRANK



E. CZEKAJ  
ED



R.L. OAGGETT  
RON



C.H. DYKEMAN  
CHARLIE



E.A. FRANKE  
ERNIE



R.V. GIANGROSSI  
OICK



D. HARRIS  
DEOTIS



H.C. HEY  
HERMAN



A.E. OUDERKIRK  
ANDY



E.H. WEBER  
ED

**4382 TERMINAL AND SYSTEMS DESIGN DEPARTMENT**



S.T. BREWER  
TED



P. NORCYK  
PAULINE



C.D. ANDERSON  
CLEO



R.T. ADAMSON  
RALPH



M. BARASH  
MEYER



R.J. JACOBS  
BOB



J.J. KASSIG  
BUD



J. LEE  
JOHN



T.L. MADER  
TOM



J.J. McNULTY  
JOHN



A. RUDOFF  
AL



E.P. SWANTEK  
ED



R. RIVERA  
BOB



R.L. EASTON  
BOB



J.M. AMON  
MIKE



G. DURKA  
JEAN



G.A. FERGUSON  
JERRY



W.B. HIRT  
BILL



K.S. LEVANG  
KATHY



D.G. ROSS  
DAVE



P. SCHNITZLER  
PAUL



P.P. THEOPHALL  
PETE



R.L. LYNCH  
BOB



R.A. FULLERTON  
BOB



C.E. GREENE  
CHARLIE



B.O. LARSON  
BROR



D.O. OLDFATHER  
DAN



J.L. ROBSON  
JACK



J.C. SCHENGRUND  
JOE



A.J. UMINOWICZ  
TONY

**7522 FINANCIAL SERVICE SPECIALIST AND STAFF**



M.J.SCHILLER  
MARK



P.MARSCHALK  
PAUL



B.BRESNEY  
BETTY



