	INSTRUCTI	ONS ON REVERSE SIDE	ISSUED: 1	0-04-1990	
47408 No.	Idaho Corporatio	n Annual Report Form	2. Registered Agent ar	nd Office	
Return To  Secretary of State Room 203, Statehouse Boise, ID 83720	Due No Later Than	November 1,	CT CORPORATION		
	1. Mailing Address - Pleas	ailing Address — Please Correct		300 NORTH 6TH STREET	
		MOTOROLA, INC.		ID 83701	
	ATTN TAX DEPT 1303 e algonquin rd		3. Incorporated Under of 0 5	The Laws	
** FINAL NOTICE ** NO FEE REQUIRED	SCHAUMBURG	IL 60196	NO: 047408		
4. Names and Addresses of Office	rs and Directors				
	<u>Name</u>	Street or P.O. Address	<u>City</u>	State Zip	
Secretary: Directors:	SEEAT	TÂCHED			
		•			
5. Nature of Business	true, correct	this Annual Report has been ex and complete.	amined by me and is to the	e best of my knowledge	
ELECTRONIC PROD	WCTS Signature	en a. Cyllola	Date		
	Name (Typed or Printed)	T = 0	Title 🔨	ST. SECRETARY	

### Section 1 - Page 2

Motorola, Inc.

#### Principal Place of Business:

1303 East Algonquin Road Schaumburg, Illinois 60196

#### Directors:

David R. Clare
Wallace C. Doud
George M. C. Fisher
Christopher B. Galvin
Robert W. Galvin
John T. Hickey
Lawrence Howe
Anne P. Jones
Donald R. Jones

Stephen L. Levy
Walter E. Massey
John F. Mitchell
William G. Salatich
Gary L. Tooker
Gardiner L. Tucker
William J. Weisz
B. Kenneth West

### Officers (Corporate) Elected by the Board of Directors:

Robert W. Galvin George M. C. Fisher Gary L. Tooker Christopher B. Galvin

John F. Mitchell

Chairman of the Executive Committee
Chairman of the Board and Chief Executive Officer

President and Chief Operating Officer Senior Executive Vice President and Assistant Chief Operating Officer Vice Chairman of the Board and

Officer of the Board

Arnold S. Brenner Executive Vice President and General Manager, Japanese

Operations

James Donnelly Executive Vice President and Motorola Director of Personnel

Donald R. Jones Executive Vice President and Chief Financial Officer
Carl E. Lindholm Executive Vice President, International Operations
James A. Norling Executive Vice President, and President and General

Manager, Semiconductor Products Sector

Edward F. Staiano Executive Vice President, and President and General

Manager, General Systems Sector

Arthur P. Sundry Executive Vice President, and President and General

Manager, Communications Sector

## Section 1 - Page 3

#### Motorola, Inc.

Keith J. Bane Senior Vice President and Motorola Director of Strategy,

Corporate Staff

David K. Bartram Senior Vice President and Executive Director, Motorola-

Europe

Robert W. Bigony Senior Vice President and General Manager,

International Group, Communications Sector

Andre Borrel Senior Vice President and General Manager, Discrete and

Special Technologies Group, SPS

William V. Braun Senior Vice President and Motorola Director of Research

and Development

Gordon Comerford Senior Vice President and Group General Manager of

Operations and Staff, CS

Thomas D. George Senior Vice President and Assistant General Manager,

SPS

Murray A. Goldman Senior Vice President, and General Manager,

Microprocessor Products Group, SPS

Ronald E. Greenwell Senior Vice President and General Manager, Domestic

Distribution Group, CS

Robert L. Growney Senior Vice President and General Manager, Radio

Technologies Group, CS

Robert S. Hall Senior Vice President and General Manager,

Manufacturing Technologies Group, Communications

Sector

Kenneth R. Hessler Senior Vice President and General Manager,

Distribution Service Group, CS

David W. Hickie Senior Vice President and Chief Corporate Staff Officer Gary M. Johnson Senior Vice President and General Manager, Standard

Logic and Analog Integrated Circuits Group, SPS

Levy Katzir Senior Vice President and General Manager,

New Enterprises

Carl F. Koenemann Senior Vice President and Assistant Chief Financial

Officer

John A. Lockitt Senior Vice President, Information Systems

Group and President, Codex Corporation

John Major Senior Vice President and General Manager,

Communications Systems Group, CS

C. Travis Marshall Senior Vice President, Motorola

Director of Government Relations

Joseph F. Miraglia Senior Vice President and Assistant Motorola Director of

Personnel

Geno Ori

#### Section 1 - Page 4

#### Motorola, Inc.

Senior Vice President and Director of Customer

Relations, SPS Senior Vice President and General Manager, Cellular Lawrence R. Paggeot Subscriber Group, GSS Senior Vice President for Patents, Trademarks and Vincent J. Rauner Licensing Hector Ruiz Senior Vice President, Sector Technology Management, SPS Theodore Saltzberg Senior Vice President and Director of Technology, CS Bernard R. Smedley Senior Vice President and General Manager, Radio-Telephone Systems Group, GSS Senior Vice President and Sector Director of World Charles E. Thompson Marketing, SPS Morton L. Topfer Senior Vice President and Assistant General Manager, CS Frederick T. Tucker Senior Vice President and General Manager, AIEG Richard H. Weise Senior Vice President, General Counsel and Secretary David G. Wolfe Senior Vice President and General Manager, GEG James R. Baum Corporate Vice President and Assistant General Manager. ŒG Thomas A. Beaver Corporate Vice President and General Manager, Motorola

James A. Bernhart Computer Group, GSS

Corporate Vice President and Director, Cellular
Subscriber Distribution, Cellular Subscriber Group,

Carlton R. Braun Corporate Vice President and Director of Educational

Wilhelm Braxmaier Corporate Vice President and Director, Eastern Europe
Richard C. Buetow Corporate Vice President and Corporate Director of

Quality

James D. Burge Corporate Vice President and Director of Employment

Regulatory Affairs

Karl Burgess Corporate Vice President and Director of Customer

Need/Order Fulfillment Systems, CS

Don Burns Corporate Vice President and General Manager, European

Cellular Subscriber Division Cellular Subscriber Group,

(35)

R. LaVance Carson Corporate Vice President and General Manager, National

Markets Division

Burnham Casterline Corporate Vice President and Director of Quality and

Manufacturing Technology, GSS

#### Section 1 - Page 5

#### Motorola, Inc.

Gary Daniels Corporate Vice President and General Manager,
Microcontroller Division, Microprocessor Products

Group, SPS

Richard G. Day, Jr. Corporate Vice President and General Manager,

Government Markets Division, Communications Sector Stanley A. DeCosmo, Jr. Corporate Vice President and General Manager, Radius

Division, CS

William B. Dimitro Corporate Vice President and Director, Career

Redirection Center

Weldon D. Douglas Corporate Vice President and General Manager, Low-

frequency Power Transistor/Thyristor & Electronic

Materials Division, SPS -

Larry L. Gartin Corporate Vice President and Director of Sector Finance,

SPS

James K. George Corporate Vice President and General Manager, MOS

Memory Products Division, SPS

James W. Gillman Corporate Vice President and General Patent Counsel,

Corporate Staff

Merle Gilmore Corporate Vice President and General Manager, Land

Mobile Subscriber Group, CS

George Grumbles Corporate Vice President, Information Systems Group

and President, Universal Data Systems

Philip D. Gunderson Corporate Vice President and Business Director, Sensors

and Power Controls, AIEG

Thomas G. Gunter Corporate Vice President and General Manager, High End

MPU Division, Microprocessor Products Group, SPS

Robert L. Hammer Corporate Vice President and Director of Strategic

Personnel Management

Richard Heimlich Corporate Vice President and Director, International

Strategy, International Operations

H. Anthony Hennen Corporate Vice President and General Manager, Digital

Systems Division, Communications Sector

Durrell W. Hillis Corporate Vice President and General Manager, Strategic

Business Unit for Satellite Communications

Brian O. Hilton Corporate Vice President and Marketing Director of

North America, SPS

Donald E. Holt Corporate Vice President and General Manager,

Commercial Markets Division, CS

Toshiaki Irie Corporate Vice President and Chairman, Nippon Motorola

Limited

David L. Pulatie

Julie A. Sackett

L. J. Reed

## Section 1 - Page 6

### Motorola, Inc.

Corporate Vice President and Sector Director of

Division, Semiconductor Products Sector

Corporate Vice President and General Manager, ASIC

Corporate Vice President and Director of Personnel, GEG

Barclay Isherwood	Corporate Vice President, CS and President, Mobile Data
baillay isherwood	International
Bob J. Jenkins	Corporate Vice President and Director of External
	Technology Evaluation, SPS
Kenneth J. Johnson	Corporate Vice President and Controller, and Director of
	Corporate Audit
Noe Kenig	Corporate Vice President and Director, Latin American
Maka B. Kasidlasaku	Operations Corporate Vice President and Assistant General Counsel
Victor R. Kopidlansky	Corporate Vice President and Director, Communications
Bradford K. Kroha	Sector Sourcing, CS
Chi-Sun Lai	Corporate Vice President and General Manager of
	Motorola China Limited
A. Peter Lawson	Corporate Vice President and Assistant General Counsel
Wayne H. Leland	Corporate Vice President and General Manager, Private
	Systems Division, CS
Jerome C. Leonard	Corporate Vice President and General Manager, Land
	Mobile Subscriber Group, Radio Technologies Group, CS
Ralph M. Love	Corporate Vice President and General Manager, Tactical
	Electronics Division, Government Electronics Group
Garth L. Milne	Corporate Vice President and Treasurer
Dale Misczynski	Corporate Vice President and Director of Quality, CS
Parviz Mokhtari	Corporate Vice President and Director for Eastern
	Europe.
Robert J. Mueller	Corporate Vice President and General Manager, State and
	Local Government Market Division, CS
Gerald Murray	Corporate Vice President and General Manager,
	International Division, Information Systems Group
George A. Needham	Corporate Vice President and General Manager, Final
	Manufacturing and Equipment Engineering Group, SPS
Irvin A. Neruda	Corporate Vice President and Director of Finance, CS
David M. Neuer	Corporate Vice President and General Manager,
	Communications Division, GEG
Michael J. Pollak	Corporate Vice President and General Manager, RF
	Division, SPS

Personnel, SPS

### Section 1 - Page 7

#### Motorola, inc.

John Salcius Corporate Vice President and Director, International

Cellular Subscriber Division, Cellular Subscriber

Division, GSS

Elisha Shahmoon Corporate Vice President and Managing Director,

Motorola Israel Ltd., Communications International

Group, CS

Corporate Vice President and Director, Sector Support Paul J. Shimp

Operations, SPS

Fred Shlapak Corporate Vice President and Director of European

Marketing, SPS

Corporate Vice President and General Manager, Larry D. Shockley

International Markets Division, CS

Corporate Vice President and Director of Management Les Shroyer

Information Systems and Telecommunications

Benny L. Smothermon Corporate Vice President and Director of International

Finance

William E. Spencer Corporate Vice President and Director Joint Ventures.

Radio-Telephone Systems Group, General Systems Sector

C. D. Tam Corporate Vice President and General Manager,

Asia/Pacific Semiconductor Products Division, SPS

Corporate Vice President, Information Systems Group, John Thibault

Senior Vice President and General Manager, Product

Division, Codex

Corporate Vice President and General Manager, Land James Wagner

Mobile Subscriber Group, CS

Corporate Vice President and General Manager, European Barry Waite

Semiconductor Group, SPS

Corporate Vice President and Motorola Director of Mauro Walker

Manufacturing

Frank Wapole Corporate Vice President and General Manager, Motorola-

Storno Communications Group, CS

Robert L. Wasni Corporate Vice President and General Manager, Parts

Division, CS

Corporate Vice President and General Manager, North Robert Weisshappel

American Subscriber Division, GSS

President, Motorola University and Corporate Vice William Wiggenhorn

President of Training and Education, Corporate

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Motorola, Inc.

David Wooldridge

Corporate Vice President and General Manager, U.S.

Federal Government Markets Division, Communications

Sector

Richard W. Younts

Corporate Vice President and President, Nippon Motorola

Limited

## <u>Vice Presidents (Sector, Group, Division and Corporate Staff) Appointed by the Responsible Executive Vice President:</u>

Hanan Achsaf

Vice President and General Manager,

Motorola Communications Israel Ltd., CS

Norman P. Alexander

Vice President and Director of Portable Systems

Operations, Land Mobile Subscriber Group, CS

Bob Aschieri

Vice President and General Manager, Discrete and Analog

Products Division, Toulouse, SPS

James H. Austgen Nick Azelborn Vice President and Director of Personnel -Asia/Pacific

Vice President and Director, Group Operations and

Services, AIEG

Eike Baer

Vice President and Group Director, European

William H. Bang

Distribution, European Communications Group, CS Vice President and Operations Manager, Subscriber Paging, Communication Distribution Group, CS

John Barto

Vice President and Manager of Products Office,

Communications Division, GEG

William V. Beaulieu

Vice President and General Manager, Pacific Division,

Communications International Group, CS

Jack Beavers

Vice President and Director of Personnel, AIEG

Vice President and Director of the Corporate

Bill Beckenbaugh

Vice President and Director of the Manufacturing Research Center

Brian Bedford

Vice President and Director of Personnel, Europe/Middle

East

George Bennett

Vice President and General Manager, MOS Memory &

Microprocessor Division, East Kilbride, SPS

Marcel Bernard

Vice President and Director of Communications Services.

CS

Peter M. Bingham

Vice President and General Manager, MOS Logic and

Analog IC Division, SPS

#### Section 1 - Page 9

#### Motorola, Inc.

William M. Borman Vice President and Director of Global Spectrum

Management

Warren G. Bornhoeft Vice President and Operations Manager, Federal

Government Markets, U.S. Federal Government Division,

Œ

Tony Boyle Vice President and Group Director, European Special

Businesses, European Communications Group, CS

Albert Brashear Vice President and Motorola Director of Public Relations

and Advertising

Bud Broeker Vice President and Director of DRAM Product Operations,

SPS

Gerald Brunning Vice President and Director, Base Station Products

Operation, Radio Technologies Group, CS

Robert A. Burton Vice President and Director, Strategic Programs, New

Enterprises (Establishing Businesses)

Jan Calen Vice President and Director, European Marketing,

European Semiconductor Group, SPS

Jim Caile Vice President and Director of Marketing - Cellular

Subscriber Group

Pat Canavan Vice President and Director of Human Resources,

Corporate Personnel

Richard D. Carsello Vice President and Director of Advanced Technology and

Planning, Land Mobile Subscriber Group, CS

Rick Chandler Vice President and Director of Manufacturing, Radio-

Telephone System Group, GSS

Susumu Cho Vice President and General Manager, Cellular Division,

**NML** 

Larry Conlee Vice President and Director of European Subscriber

Operations, International Subscriber Division, Cellular

Subscriber Group, GSS

William D. Connor Vice President and General Manager, International

Computer Division, GSS

Michael Corrigan

William A. Davies

Vice President and Director of Personnel, International

Vice President and Director of B.O.S.S. Operations, GSS

Richard G. Day

Vice President and General Manager, State and Local

Market Systems Division, Communications Systems

Group, CS

Rudy DeMichele Vice President, Information Systems Group and Senior

Vice President of Operations, Codex Corporation

Richard D. Haning

## Section 1 - Page 10

#### Motorola, Inc.

Sam Desai Vice President and Director of Portable Hi-Tier Products

Portable Division, CS

Ray Dybala Vice President, Finance Department, Director of Taxes

Steve Earhart Vice President and Director of Finance, GSS

Jim Echols Vice President and Director, Bipolar 6 Wafer Fab, SPS Robert F. Falkner Vice President and Assistant General Counsel.

Government Contracts Compliance, Law Department

Steve Flannery Vice President and Director of Operations, Mobile Data

International, CS

G. David Forney Vice President and Director of Technology and Planning,

ISG

Paul Fowler Vice President and Director of Product Operations, Land

Mobile Subscriber Group, CS

Ted Franks Vice President and Director of Analogue Operations, Radio

Telephone Systems Group, GSS

Lawrence M. Friedman Vice President and Motorola Director of Marketing

Gene Fruehling Vice President and Director, Strategic Business

Operations, Radius Products Division, CS

Carlos Genardini Vice President and General Manager, Opto, Sensors and

Commodities Division, SPS

William George Vice President and General Manager, MOS Wafer

Processing Division, MOS Memory Products Group, SPS

Gerald L. Giacomino Vice President and General Manager, Data Products

Division, CS

Glenn Gienko Vice President and Director of Personnel, GSS
Denis Griot Vice President and Director, Toulouse Wafer Fabs
Joseph R. Haack Vice President and Assistant General Counsel, Law

Department

Veronica A. Haggart Vice President and Director of Global

Telecommunications Relations

Neil Hagglund Vice President and Director of Corporate Technology

Planning

Jameil Haleem Vice President and Operations Manager, Retail Sales,

North American Division, GSS

John Hagnell Vice President and Corporate Director of Compensation

Vice President and Controller, Cellular Subscriber

Group, GSS

Steve Hanson Vice President and General Manager, Bipolar Analog

Integrated Circuits Division, SPS

Theodore J. Jaros

## Section 1 - Page 11

#### Motorola, Inc.

H. Anthony Hennen Vice President and Director of Federal Government

Systems and Secure Communications, U.S. Federal

Government Division, CS

Bob Hill Vice President and Director, Bipolar 2 Wafer Fab, SPS David Hixson Vice President and General Attorney, Law Department

Napoleon Hornbuckle Vice President and General Manager, Strategic

Electronics Division, GEG

Pat Horrigan Vice President and Director of Management Information

Systems and Network Computing, SPS

David Hughes Vice President and General Manager, Cellular

Infrastructure--European Operations, GSS

Bob Hurley Vice President and Director of European Manufacturing

Operations, Cellular Subscriber Group, GSS

Robert Janc Vice President and Director of Research, CS

Terry Jaron Vice President and Operations Manager, Commercial

Markets Division, Domestic Distribution Group, CS Vice President and Director, International Marketing

Administration, International Semiconductor Products Donald Johnson

Vice President and Director, Construction, Real Estate &

Facilities Engineering, SPS

Richard Kearney Vice President and General Manager, Components

Products Division, Radio Technologies Group, CS

William Keilen Vice President and Director, Group Support

Operations, SPS

Jim Kelly Vice President and Operations Manager,

National Markets Division, CS

**Ewald Kestler** Vice President and Group Director, Quality and Cycle

Time, European Communications Group, CS

Glenn E. Kinzer Vice President and Manager, Missile Systems Office,

Tactical Electronics Division, GEG

Motohiro Kitajima Vice President and Representative Director, Tohoku

Semiconductor Corporation

Vice President and Motorola Director of Employee Jerry Kline

Relations, United States

Anthony M. Knapp Vice President and Controller, GSS

Leonard S. Kolsky Vice President and Director of Regulatory Affairs

Casey Koziol Vice President and Director of Personnel Administration.

Corporate

Ferdinand C. Kuznik Vice President and Assistant General Manger, European

CS

#### Section 1 - Page 12

#### Motorola, Inc.

Bruce C. Ladd, Jr. Vice President and Director of Legislative Affairs,

Corporate Staff

Tony Lane Vice President and Operations Manager, Radius Division,

Œ

Frank Langford Vice President and Director of Finance, GEG

Al Leitich Vice President and Senior Director of Research and

Development Center

David L. Lewis Vice President, Information Systems Group, GSS

Ed Lewis Vice President and Director, Corporate Real Estate and

Environmental Affairs, Corporate

Walt Liff Vice President and Director of Personnel, Austin

Frank Lloyd Vice President and Director of Subscriber Products and

Systems, Paging Division, CS

Thomas Lorig Vice President and Controller, Assembly Manufacturing

and Equipment Engineering Division, SPS

Ralph M. Love Vice President and Manager, Fuze Systems Office,

Tactical Electronics Division, GEG

Alfred R. Lucas Vice President and Director of Operations, Paging

Products Division, CS

Gerry Lukomski Vice President and Director, Manufacturing Operations.

AIEG

Richard A. MacDonald Vice President and Director of Personnel, International

Group, CS

Harry Mankodi Vice President and Director of Manufacturing Operations,

Paging Division, CS

Bruce Martin Vice President and Director, Marketing and Planning, CS Tom Matterness

Vice President and General Manager, Service Division,

Distribution Services Group, CS

Ian McCrae Vice President, Japanese Group, SPS

Cathy McKee Vice President and Director of Group Administration, GEG

William J. Meder Vice President and Director, Discrete Manufacturing,

SPS

David Melka Vice President and General Manager, Low-Frequency

Power Transistor-Thyristor Products Division, SPS

Stuart Mencher Vice President and Senior Vice President of U.S.

Distribution Division, Codex Corporation

John Millikin Vice President and Director of Personnel - DSTG and

Sector Staff

#### Section 1 - Page 13

#### Motorola, Inc.

William J. Millon	Vice President and General Manager, Commercial Market
	Systems Division, Communications Systems Group, CS
Stephen A. Mona∞	Vice President and Director of Finance, Communication
	Distribution Group, CS
Bruce Mueller	Vice President and Corporate Director of Benefits and
	Personnel Systems
Carroll E. Nelson	Vice President and General Manager, Bipolar Wafer

·	Fabrication and Process Technology Division, SPS
Adrian Nemcek	Vice President and Director, Low Tier Portable Products,

Adrian Nemcek	Vice President and Director, Low Tier Portable Products,
	CS CS

Tim Niesz	Vice President and Director of Personnel - East Valley
	(SPS)

Paul A. Noakes	Vice President and Director of International
	Manufacturing Operations, CS

	manufacturing operations, oo
Perry Noakes	Vice President and Director of Far East Operations,

	Manufacturing Technologies Group, CS			
Robert J. Nunamaker	Vice President and Director International Produ			

Operations, CS

Martin J. O'Sullivan Vice President and Director, Contract Services and

Policy, GEG

John Owings Vice President and MCS Director of Finance, GSS William Palmer Vice President and Chief Financial Officer, Codex Dan Parsons Vice President and Director of Puerto Rico Operations.

Manufacturing Technologies Division, CS

Wolf Pavlok Vice President and Director of Engineering, North

America Subscriber Division, Cellular Subscriber

Group, GSS

John Pelland Vice President and General Manager, Automotive Powertrain and Chassis Electronics Division, AIEG

Steve Pittman Vice President and Director Subscriber Paging

Operations, CS

Bob Placko Vice President and Sector Director of Personnel, CS Ralph Ponce de Leon Vice President and Director, Group Operations, GEG Vice President and Director, Technology Planning and Douglas L. Powell

Development, SPS

Dennis Pratt Vice President and Director of Quality, Radio-Telephone

System Group, GSS

Dan Przybylski Vice President and Director of Manufacturing, North

American Subscriber Division, Cellular Subscriber

Group, GSS

#### Section 1 - Page 14

#### Motorola, Inc.

Ron Racino Vice President and Director, MPG Final Manufacturing &

Oak Hill Site, SPS

L. J. Reed Vice President and Director, Gate Array Operations,

Applications Specific IC Division, SPS

Bob Rivert Vice President and Controller, Microprocessor Group,

Vice President and General Manager, Zener-Rectified R. Scott Robinson

Products Division, Discrete and Special Technologies

Group, SPS

Vice President and Controller, International Paul A. Rode

Semiconductor Group, SPS

Vice President, Intellectual Property Department, Staff Ed Roney

Director, Technology Asset Management (TAM)

Vice President and Motorola Director of International Jerry Roseland

Finance, Finance Department

Donald E. Rothwell Vice President and Manager, Tactical Secure

Communications Office, Communications Division, GEG

Jim Sarallo Vice President and Director, Communications Systems

Products, CS

Tony Sarli Vice President, Intellectual Property Department, Patent

Counsel, Communications Sector

John M. Scanlon Vice President and General Manager, Cellular

Infrastructure Division

Michael G. Seaman Vice President and Group Director, Finance, European

Communications Group, CS

William Seiferth Vice President and General Manager, European Logic and

ASIC Division, SPS

Vice President and General Manager, Motorola Computer Wayne Sennett

Systems Division, GSS

Dennis Sester Vice President and Director, Radius Products Operations,

Radius Division, CS

Richard D. Severns Vice President and Group Director of Finance, CS

Scott Shamlin Vice President and Operations Manager, Asia Division,

Communications International Group, CS

Vice President and Director, Sector Quality, SPS Scott Shumway

Vice President and Corporate Director of Manufacturing Charles C. Silva Vice President and Motorola Director of Participative Eugene L. Simpson

Management Program, Corporate Staff

Vice President and Senior Quality Assurance Manager, CS Bill Smith

Richard C. Smith Vice President and Director of Personnel - Japan

## Section 1 - Page 15

#### Motorola, Inc.

Rolf Soderstrom	Vice President and Senior Applications Consultant,
Ronald Soicher	Motorola University Vice President and Director National Assessmt Sales, SBS
Mariann T. Spencer	Vice President and Director, National Account Sales, SPS
Mort Stern	Vice President and General Attorney, Law Department
Gene Stevens	Vice President and Director, Cellular Development, GSS
Gene Stevens	Vice President and Motorola Director of Data
larny Chausart	Communications Systems Products, Systems Division, CS
Jerry Stewart	Vice President and Director, National Account Sales, SPS
Bruce Stone	Vice President and Group Director, European
	Conventional Businesses, European Communications
	Group, CS
Gene Stouder	Vice President and Director, MPG Die Manufacturing &
	Ed Bluestein Site, SPS
Daniel R. Szymanski	Vice President and Director, International Operations,
	Cellular Infrastructure Division
Steve Tainsky	Vice President and Director, Consumer and Personal
·	Computer Segment, World Marketing and Sales, SPS
Jim Tchida	Vice President and General Manager, Power Products
	Division, SPS
Choonie Teh	Vice President and Director, Privacy Plus Trunking, CS
James Thomas	Vice President and Director of Engineering, Strategic
	Electronics Division, GEG
Richard Timmins	Vice President and Controller of the Japanese Group, CS
M1- 5 T	The President and Controller of the Japanese Gloup, CS

Wesley D. Thrash Vice President and General Manager, Field Service Division, GSS Frank Todd

Vice President and General Manager, Conventional

Systems Division, CS

Vice President and General Manager, Logic Integrated George Turner

Circuits Division, SPS

Joe Vestal Vice President and Operations Manager,

Network Services, CS

Ray O. Waddoups Vice President and Director, Research and Development,

**Emory Wakat** Vice President and General Manager, Communications

Division, NML

Robert B. Walensa Vice President and Director of Group Finance, AIEG Bill Walker Vice President and Director, MOS 8 Wafer Fab. SPS Keith V. Warble Vice President and Assistant General Manager, Strategic

Electronics Division, GEG

#### Section 1 - Page 16

#### Motorola, Inc.

Paul White

Vice President and Director of Marketing, Discrete and

Special Technologies Group, SPS

Jim Widick

Vice President and European Director of Finance,

Communications International Group, CS

Michael Winston

Vice President and Director of Human Resources, CS

Dick Wintermantel Ted Woods

Vice President and Director of Human Resources, SPS Vice President of Operations for the Strategic Electronics

Division, GEG

Michael Worthington

Vice President and General Manager, Asia Division,

Communications International Group, CS

#### Vice Presidents of the Technical Staff:

Quirio Balzano

Byron Bynum

Vice President of the Technical Staff and Director, IC Design Operations, Bipolar Analog IC Division, SPS

Vice President of the Technical Staff, Portable Division

Jona Cohn

Vice President of the Technical Staff, and Director of

Research, Fixed Products Division

Roger Countryman

Vice President of the Technical Staff, Principal Engineer,

Austin Wafer Manufacturing Division, SPS

Walt Davis

Vice President of the Technical Staff, Paging Products

Division, CS

Larry Dworsky Robert Foster Vice President of the Technical Staff, CS Vice President of the Technical Staff, GEG

Gene Haertling

Vice President of the Technical Staff, and Director of Ceramics Research, Components Products Division, CS

W. J. Kitchen

Vice President of the Technical Staff, Director of Bipolar

Technology Center, SPS

Al Kraybill

Walter Krolikowski

Arturo Krueger

Vice President of the Technical Staff, GSS

Vice President of the Technical Staff and Director of Bubble Memories Discrete and Special Technologies, SPS

Vice President of the Technical Staff, Director of

European Design Center, Chief Technical Officer,

International Semiconductor Group, SPS

Roger Kung

Vice President of the Technical Staff and Director, MOS

Memory Design

Al Leitich

Vice President of the Technical Staff and Manager of Research, Digital Technology Research Laboratory

I. A. Lesk

Vice President of the Technical Staff, and Manager of

Silicon Ribbon Operations, Solavolt

#### Section 1 - Page 17

#### Motorola, Inc.

Don Linder Charles N. Lynk

Sal Mastroianni

Jim Mikulski

Norman W. Parker Lou Parrillo

Kenneth W. Porter, Jr.

Jim Rugg

James L. Rutledge

Carl R. Ryan

Gene Schriber

L. David Sikes

Zvi Soha

Tony van den Heuvel

Donald Walker

Owen Williams

Vice President of the Technical Staff

Vice President of the Technical Staff and Director of

Research, Mobile Products Division, CS

Vice President of the Technical Staff and Bipolar Device

Department Manager, SPS

Vice President of the Technical Staff and Manager of

Research, Systems Research Laboratory, Corporate Staff Vice President of the Technical Staff, Corporate Staff Vice President of the Technical Staff, and Director, Advanced Products Research and Development Labs

(APRDL)

Vice President of the Technical Staff and Director of

Computer Integrated Design and Manufacturing

Vice President of the Technical Staff and Manager,

BICMOS Technology Development, SPS

Vice President of the Technical Staff, Manager Micarl

Wafer Fab Processing, SPS

Vice President of the Technical Staff, Strategic

Electronics Division, GEG

Vice President of the Technical Staff and Director.

Circuit Design, High End Microprocessor Products,

Microprocessor Products Group, SPS

Vice President of the Technical Staff and Director, SRDL,

SPS

Vice President of the Technical Staff, General Manager,

Israel Design Center, Microprocessor Products Group,

SPS

Vice President of the Technical Staff, Communications

Secret Research

Vice President of the Technical Staff and Director.

Mechanization and Equipment Engineering, Assembly

Manufacturing and Equipment Engineering Division, SPS

Vice President of the Technical Staff and Director, SRDL

and Technology Management



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Motorola, Inc.

#### Assistant Officers:

**Assistant Secretary** James D. Coffee Assistant Secretary William A. Davies **Assistant Secretary** Ray Dybala Assistant Secretary Varda A. Goldman Assistant Secretary Don Gowler **Assistant Secretary** Kenneth J. Johnson P. Robert Klein Assistant Secretary Assistant Secretary Victor R. Kopidiansky **Assistant Secretary** Frank Langford Assistant Secretary A. Peter Lawson Assistant Secretary Wayne Lew **Assistant Secretary** Doug MacPhail Assistant Secretary Stephen A. Mona∞ **Assistant Secretary** Daniel P. Russell **Assistant Secretary** Benny L. Smotherman Robert B. Walensa Assistant Secretary Assistant Secretary Richard H. Whited