

# Linda Lee Bower

## List of Publications

### Reports published by MegaTech Resources.

<i>Title</i>	<i>Year</i>
<i>MEMS: The New Dimension in Microsystems</i>	2005
<i>Digital TV in the United States</i>	2001
<i>Strategic Directions in Telemedicine</i>	1998

### Task Reports: TDA Technical Assistance Project for CONATEL

As Resident Advisor to CONATEL, the telecommunications regulatory agency in Venezuela, on TDA-sponsored technical assistance project: Principal author of eight project task reports, in both English and Spanish. U.S. Trade and Development Agency, Washington, D.C., 2000-2001.

#### English:

- *Regulatory Models*
- *Liberalization*
- *Interconnection*
- *Universal Service*
- *Number Portability*
- *Telecommunications in Emergencies and Disasters*
- *Corporate Strategies*
- *Global Trends.*

#### Spanish:

- *Modelos Regulatorios*
- *Liberalización*
- *Interconexión*
- *Servicio Universal*
- *Portabilidad Numérica*
- *Emergencias y Desastres*
- *Estrategias Corporativas*
- *Tendencias Globales*

### Reports prepared under contract to, and distributed by Phillips Business Information.

<i>Title</i>	<i>Year</i>
<i>PC/TV: The New Mass Medium</i>	1998
<i>The Global DBS Market</i>	1998
<i>The Global VSAT Market, second edition</i>	1997
<i>The Global Commercial Geostationary Satellite Communications Market</i>	1996
<i>Cable Strategies: Telephony, Broadband, Wireless</i>	1995
<i>The Fiber Optics Market in the United States</i>	1995
<i>Personal Communications--Wireless Revolution</i>	1994
<i>Videoconferencing: Technology, Markets and Competition</i>	1994
<i>The Global VSAT Market: Technology, Markets and Competition</i>	1994
<i>Digital Cellular: Technology, Markets and Competition</i>	1993
<i>The Western European Carriers: Transformation and Strategies</i>	1993
<i>The Canadian Telecommunications Market</i>	1993

<i>New Technologies in Broadcasting and Cable</i>	1992
<i>Personal Communications, a Technology Assessment Report</i>	1991

*Note: These reports were subsequently brought under the MegaTech Resources imprimatur.*

**Reports Prepared as Project Director under contract to, and published by King Publishing Group**

<i>Title</i>	<i>Year</i>
<i>Financial Derivatives: Globalization and Competition</i>	1994
<i>The New Biotechnology</i>	1993

**Selected articles written as Editor of *Global Telecom Report*.**

<i>Title</i>	<i>Issue Date</i>
"Canadian Telecom Is Emerging Player in International League"	Oct. 12, 1992
"World Bank Supports Telecom Privatization"	Sept. 28, 1992
"European Development Bank Celebrates First Year"	Aug. 24, 1992
"Telecommunications Needs in Post-Soviet Society..."	Aug. 10, 1992
"GSM Implementation Proceeds Full Speed Ahead"	Aug 10, 1992
"MCI Enhances Expertise"	Aug 10, 1992
"TDMA...Selected as Standard, But CDMA Gaining Visibility..."	Jul. 26, 1992
"MCI and Sprint Gaining International Market Share..."	Jul. 26, 1992
"Kuwait Rebuilds and Modernizes Telecom Sector"	Jul 27, 1992
"China's Five-Year Plan Emphasizes Telecommunications"	Jul 13, 1992
"The Pacific Century Is Upon Us"	Jul 13, 1992
"Creation of European Community... International Paging"	June 1992
"Deft Political Handling Needed for Successful Privatization"	June 1992
"Spanish Telecom Market Moving Up to Eighth Place"	June 1992
"Russian Aid Package in Pipeline..."	May 1992
"International Paging Develops on Three Fronts"	May 1992
"HDTV--Analog vs. Digital Standards"	May 1992
"AT&T Strengthens Presence in Spain"	May 1992
"Latin American Telecommunications Market Shows Promise"	May 1992
"USAID Programs Modernize Telecommunications in Egypt"	April 1992

**Vendor Profiles Written Under Contract to Phillips InfoTech, for TelecomWeb electronic information product, 1995-1997.**

- RBOCS: Ameritech, Bell Atlantic, BellSouth, Nynex, Pacific Telesis, SBC, US West.
- INDEPENDENT TELCOS: Alltel, Century Telephone Enterprises, Cincinnati Bell, Citizens Utilities, C-TEC, Frontier, GTE, Lincoln Telecommunications, Puerto Rico Telephone Company, Southern New England Telecommunications Corporation, Sprint Telephone Division, TDS Telecommunications.
- COMPETITIVE ACCESS PROVIDERS: Linkatel Pacific, Residential Communications Network.
- CABLE MSOs: Ameritech New Media, Cablevision Systems, Adelphia, Century, Charter, Comcast, Continental Cablevision, Cox, Falcon, Galaxy Telecom, GTE Media Ventures, InterMedia Partners, Jones Intercable, Lenfest, Marcus, MediaOne, Post-Newsweek Cable,

Multimedia Cablevision, Rifkin & Associates, Scripps Howard Cable, Prime Cable, TCA Cable, Time Warner Cable, TCI, Viacom Cable.

- WIRELESS CABLE: American Telecasting, CAI Wireless Systems, Heartland Wireless, People's Choice TV, Wireless Cable of Atlanta.
- WIRELESS: AirTouch Communications, Aerial Communications, Alltel Mobile, ARDIS, US West New Vector, Bell Atlantic Nynex Mobile, BellSouth Cellular, BellSouth Personal Communications, MobileComm, RAM Mobile Data, GTE Mobilenet, AT&T Wireless, MTEL, Nextel, Omnipoint, PageNet, Palmer Wireless, PCS PrimeCo, Southwestern Bell Mobile Systems, SNET Mobility, Sprint Cellular Company, United States Cellular, Sprint Spectrum, Western Wireless.
- SATELLITE SYSTEM OPERATORS: Loral Space & Communications, Odyssey Telecommunications International.
- DBS OPERATORS: Astra, BSkyB, DirecTV International, Galaxy Latin America, STAR TV, TV Globo.
- EQUIPMENT MANUFACTURERS: Alcatel Network Systems, Audiovox, DSC Communications, Ericsson, Lucent Technologies, Mitsubishi Wireless Communications, NetEdge Systems, Nokia Mobile Phones, Oki Telecom, Omnipoint, Thomson-CSF Enterprise Networks, Siemens Stromberg-Carlson.

**Published reports prepared as Project Director under contract to, and published by Frost & Sullivan, Inc.**

<i>Title</i>	<i>Report Number</i>	<i>Year</i>
<i>Mobile Satellite Communications in North America</i>	A2552	1992
<i>The Satellite Communications Market in North America...</i>	A2473	1991
<i>The U.S. Market for Audio/Audiographics Teleconferencing</i>	A2368	1991
<i>The U.S. Market for Videoconferencing</i>	A2367	1990
<i>Wrist Watch Paging</i>	T040	1990
<i>Mobile Satellite Systems</i>	T026	1990
<i>The Market for Satellite Data Broadcasting in the United States</i>	A2297	1990
<i>The Market for Private Satellite Networks in the United States</i>	A2216	1990
<i>The Teleport Market in the United States</i>	A2101	1989
<i>The Satellite Communications Market in North America...</i>	A2063	1989
<i>The Teleconferencing Market in the United States</i>	A2047	1989
<i>Satellite Transmission and Earth Station Market In Broadcasting and Cable</i>	A1979	1988
<i>The Home TVRO/DBS Market in the United States</i>	A1895	1988
<i>The Market for Private Satellite Business Earth Stations...</i>	A1854	1988
<i>The Teleport Market in the United States</i>	A1784	1987
<i>The Satellite Communications Market in North America...</i>	A1739	1987
<i>The Market for Advanced Business Communications in the United States: Customer Premises Equipment and Services</i>	A1660	1987
<i>The Market for Advanced Business Communications in the United States: Transmission and Central Office Switching</i>	A1652	1986
<i>The Earth Station Market in the Broadcasting Industry...</i>	A1548	1986
<i>The Market for Satellite Private Business Network Terminals...</i>	A1494	1985
<i>The Market for Teleports in the United States</i>	A1388	1985

<i>The Satellite Communications Market in North America</i>	A1302	1984
<i>The Direct Broadcast Satellite Market in North America</i>	A1249	1984
<i>The Market for Advanced Business Communications in the U.S.</i>	A1142	1983
<i>The Market for Satellite Private Business Network Terminals...</i>	A1063	1982
<i>The Satellite Communications Market in North America</i>	A954	1981

**Country Market Studies prepared for Arthur D. Little, for inclusion in World Telecommunications Information Program database.**

<i>Title</i>	<b>Year</b>
<i>PBX Trends in the United States</i>	1987
<i>Telecommunications Markets in Brazil</i>	1986
<i>U.S. Federal Government Telecommunications Markets</i>	1985
<i>Telecommunications in Canada: Systems, Equipment and Markets</i>	1985
<i>Telecommunications Markets in Mexico</i>	1984
<i>Telecommunications in Ecuador: Systems, Equipment and Markets</i>	1983
<i>Telecommunications Markets in Peru</i>	1983
<i>Telecommunications Markets in Brazil</i>	1983
<i>Telecommunications in Venezuela</i>	1983

**Other Consulting Project Documents**

Booz-Allen Hamilton, ARENTO Institutional Development Project, *Teledensity Demand Forecast; Telephone-Value-Added Services, Cellular Potential, Paging, VSAT*, performed as Specialist with Chemonics International, Consultants to Booz-Allen Hamilton, 1996.

*Arab Republic of Egypt Telecommunications Sector, Study Task 10, Demand Forecast*, submitted by Arthur Young & Company to The Continental Telephone Holdings Corporation, 1977-1978 (done as employee of Arthur Young & Company and Task Manager for Task 10).

*Glider Transportation System Development Program*, an analysis of the potential for use of gliders in remote areas of African countries, 1983 (Prepared under contract to Dynalectron Corporation.)

"Holder-In-Due-Course" Issues Paper, submitted to the Federal Trade Commission by Arthur Young & Company, February 28, 1977 ( done as employee of Arthur Young & Company and Task Manager of project).

Contributor to *Markets for Special Steels in Mexico*, Final Report, Phase I, to Aceros Ecatepec, S.A., submitted by Battelle Columbus Laboratories, 1976 (done as employee of Battelle Columbus Laboratories).

Contributor to Draft Final Report on Statewide Transportation Planning Study to Commonwealth of Kentucky Department of Transportation, august 11, 1975 (done as employee of Battelle Columbus Laboratories).

*Louisiana Airport System Plan*, "Impact of Consolidation of Airport Service on Schedules and Demand," "Commuter Service," "Forecasting City Pairs," "Impact of Remote Airport," Working Papers, 1973 (done as employee of Northrop Airport Development Corporation).

Contributor to *Economic Impacts of a conversion to Low Emission Alternative Automobile*

*Engines*, prepared by Jack Faucett Associates, Inc., for International Research and Technology Corporation, May 1972 (done as employee of Jack Faucett Associates).

### **User Documentation for Consumer Electronics Product Development**

User manuals for TI-15 and TI-36X II calculators, under contract to Texas Instruments, Dallas, Texas, 1999-2000.

### **Journal/Magazine/Newsletter Articles**

"Grim Future Predicted for Growth Hormone," *Biotech Daily*, King Communications Group, Washington, D.C., March 30, 1993.

"DNAP Takes Cautious Route to Better Tomato," *Biotech Daily*, King Communications Group, Washington, D.C., April 15, 1993.

"Telecommunications in Latin America: A Changing Marketplace," with Andres Bande, *Telephony*, July 2, 1984.

"Elasticity of Air Travel Demand with Respect to Airport Access Cost," *Transportation Research*, June 1976.

"Telecommunications Market Demand and Investment Requirements," *Telecommunication Journal*, March 1972.

### **Conference Papers and Presentations**

"The Long-Term Potential of MEMS," presentation to Metroplex Technology Business Council, Richardson, Texas, January 3, 2006.

"The Long Term Potential of MEMS," presentation to IEEE, Dallas, Texas, February 14, 2006.

"International Development of Technology and Markets in Microtechnology and Nanotechnology," a paper presented to MANCEF (Micro and Nanotechnology Commercialization Education Foundation) COMS 2005, Baden-Baden, Germany, August 24, 2005.

"Long Term Potential of MEMS," a paper presented to MANCEF (Micro and Nanotechnology Commercialization Education Foundation) COMS 2005, August 22, 2005.

"New Energy Options: Solar Heating," a paper presented at the Atlantic Economic Conference, October 15, 1977, Washington, D.C.