

Steven R. Bootman

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BACKGROUND

- **Internationalist** I have lived and/or worked outside of the USA nearly one-half of my adult life. Native tongue: English. Fluent in Spanish, conversant in Portuguese. Bi-national: USA & Bolivia.
- **Electro-technology.** Electrical engineer in communications / fiber-optics for over 30 years. Had a small business in Bolivia dedicated to electrical installation of grounding, lightning protection. Have taught elements of the electrical construction / installation code in Spanish in S. America.

ACCOMPLISHMENTS

- Established *Consultoría Ecléctica*, a consultancy, originally in Cochabamba Bolivia focused primarily on providing protection against lightning & its deleterious effects on computers and machinery; grounding; NEC, arc-flash. Additionally, created and presented material in Spanish on these topics.
- Proposed initial entry into fiber optics (SONET) equipment at *DSC Communications* in the 1980s; this led to acquisition and merger with Optilink, a leader in fiber-to-the-curb telecom segment in the 1980/90s.

WORK HISTORY

October 2017 to Present: Continuation of the private consultancy Eclectic Consulting, now from base in Texas in off hours and between contracts. Emphasis on technical translation (electrical engineering) Spanish-English & English-Spanish. Collaboration with EasyPower (arc-flash calculations) on the translation of their User Manual and GUI into Spanish.

September 26, 2017 to December 2018 and July 2019 to November 2019: Construction Analyst - Loss Verification, Disaster Assistance Processing & Disbursement Center (PDC), Small Business Administration, Ft. Worth, TX. Non-permanent position; furloughed December 2018. Bilingual: English-Spanish. Started at GS-9; in September 2018 upgraded to GS-11. My duties were divided into four general areas: A) Conduct field examinations by telephone and perform a variety of tasks directed at verifying cause, determining extent, and estimating the repair/replacement cost of damage to personal, real, and business property that resulted from a disaster. B) Assist in the overall loan processing effort. This included reviews of progress of rebuilding effort through dialogue with borrowers of disaster related loans and scrutiny of receipts presented to ensure that they conformed with SBA receipting guidelines. C) Verification of basic data including addresses, property value according to public records, review of possible increases to disaster loans when borrowers submitted additional corroborating estimates of repair and conformance with SBA receipting. D) Determination of requirement for FEMA mandated flood insurance. This required use of SBA / FEMA tools for flood mapping.

May 2007- September 2016: Established a private consultancy Consultoría Ecléctica (Eclectic Consulting) in Cochabamba with an emphasis on providing an 'in-bound' service for technology companies wanting to sell their products in Bolivia. Primarily this was translation & marketing services. We also provided expertise in lightning and overvoltage protection as well as industrial electrical safety. Representation of multiple international firms who provide material and services for grounding, lightning protection and surge protection. Our engineering services included grounding system design and installation, lightning protection design and installation, and power quality control. I was invited to teach a class on protection of electrical infrastructure for three semesters at the university level (Universidad Mayor San Simón) fall 2014 through spring 2016. In October 2016, moved from Cochabamba to McKinney, TX.

February 2007 – November 2013 Hughes Schools, Cochabamba, Bolivia. Instructor. I taught a variety of classes both as full time, but also part-time some semesters and substitute teaching over a period of years. Classes varied from physics & calculus to social studies, basic keyboarding, use of Microsoft Office, and PE.

January 2000 – February 2007: Community of Christ, Cochabamba, Bolivia. Administrator, South America. The CofC attempted to enter the "market" of S. America but they gave up when faced with the Great Recession. I decided to stay in Bolivia and start a consultancy in electro-technology.

March 1998 – December 1999: Sr. Systems Engineer, Hitachi Telecom, Richardson, TX Primary duties were representation of Hitachi (USA) in national and international fiber optics standards bodies.

November 1997 – March 1998: Principal Engineer, Intellect Network Technologies, Richardson, TX.

November 1982 – November 1997 DSC Communications Corp. Plano, TX. Senior staff/Principal engineer with DSC during a time of tremendous technological and financial growth. My primary contribution during these 15 years was in aiding DSC get into the fiber optics business. (DSC Communications was sold to Alcatel in early 1998)

March 1980 - November 1982: Senior Marketing/Systems Engineer - Texas Instruments, Dallas, TX

May 1979 - February 1980: Senior Design Engineer - Intecom, Addison, TX

June 1978 - May 1979: - Design Engineer/Project Manager, Danray, Richardson, TX

June 1977 - June 1978: - Engineer, Rockwell International, Richardson, TX

January 1976 - May 1977: Graduate Student, Kansas State University, Manhattan, KS Taught basic electrical classes.

August 1972 - December 1975: - Peace Corps Volunteer, Ecuador. Taught electronics classes in Guayaquil, Ecuador.

May-August 1970; June 1971- August 1972: - Engineer, Southwestern Bell, Kansas City, MO.

Education: BS/MS Electrical Engineering, Kansas State University, 1971/77; MA Religion, Graceland Univ. 2003