

EQUIPMENT: Welding – 300 amp AC/DC welding machines, Cobra-matic GMAW machine; Fabricating – Shear, press brake, notcher, turret punches, drill press, sanding equipment and hand tools; Inspection – Westinghouse 250Kv constant potential X-Ray machine, Picker 150Kv X-Ray machine, and fluorescent and dye penetrant equipment.

EXPERIENCE: Present customers include: Aeroquip (Canada) Inc, Air Canada, The deHavilland Aircraft of Canada Ltd, Dowty Equipment of Canada Ltd, Garrett Canada, Genaire Ltr, IMP Group Ltd, Aerospace Division – Spar Aerospace Ltd, Tube-Fab Ltd, Wardair Canada Inc, and Walbar of Canada Inc. Much of the work for these companies is under government contract.

KEYWORDS: Airframe Components; Engine Components; Fluorescent Penetrant Inspection; Inspection; R&O (Components); Radiographic Penetrant Inspection; Welding; X-Ray Inspection.

REVISED: February 88

SPECTRUM SIGNAL PROCESSING Inc

ADDRESS: Canada
#301 – Discovery Park
3700 Gilmore Way
Burnaby, British Columbia, Canada
V5G 4M1

Western USA
240 "H" Street
Blaine, WA 98230

Eastern USA
460 Totten Pond Road
Waltham, MA 02154

CONTACT: Mr Michael J Mertens, President – (604) 438-7266

HISTORY: Spectrum Signal Processing Inc is a new company incorporated in July 1987 in British Columbia dedicated to pursuing the Digital Signal Processing (DSP) business initiated by its predecessor, the now-inactive "Pacific Microcircuits Ltd" (an affiliate of the Mitel Corp established solely for integrated circuit design).

CAPABILITY: Spectrum Signal Processing Inc offers the widest range of Digital Signal Processing (DSP) tools for the IBM-PC in North America. Spectrum has attained market leadership by offering four types of DSP tools:

- Development Systems – Based on single-chip DSP micro-processors such as Texas Instruments' TMS 320C25, Analog Devices' ADSP-2100, NEC's 77230 and Motorola's 56001 – these plug-in boards offer DSP developers and engineers general-purpose DSP in their preferred development platform (the IBM-PC).
- DSP Software Tools – To provide full support to the DSP development process, Spectrum provides a mix of proprietary and 3rd party software packages such as: Crossware & Simulators, 'C' Compilers, DADiASP Data Analysis, SignalLink 320 Data Acquisition, Monitor Software, Macro Assembler/Linkers, and DISPRO Filter Design.
- Applications Systems – Spectrum provides high performance, real-time data acquisition by allowing users to "mix and match" DSP co-processor boards (based on the processor mentioned above) with data acquisition boards via a standardized expansion bus. This allows users to easily migrate from the development to the applications environment.
- Voice Systems – Spectrum's voice systems target the Voice Response market. Two current products predominate: 7763/64 Speech Synthesizer/Recognizer and Speech Synthesis Module.

AVERAGE WORK FORCE: Electrical Engineers – 2
Technologists – 2
Marketing – 3
Management/Admin – 5

GROSS SALES: No Data

PLANT SIZE: 2,600 Sq Ft (Burnaby, BC)
1,500 Sq Ft (Boston, MA)

EQUIPMENT: No Data

EXPERIENCE: Spectrum's client list includes: Bell Communications, Lockheed Government Systems, Boeing Aerospace, Sandia National Labs, Naval Underwater Systems Center, Fairchild Semiconductor, US Dept of Defense & NSA, Center for Speech Technology, MacDonald Dettwiler & Associates, Lear Siegler, Charles Stark Draper Labs, and Rolm Corp.

KEYWORDS: Digital Signal Processing; DSP; Realtime Data Acquisition; Singlechip DSP; Fast Fourier Transforms; Digital Filtering; Secure Communications; A/D and D/A; Spectrum Analysis; Speech Synthesis; Speech Recognition; Digital Audio.

REVISED: February 88

SPIECE ASSOCIATES

ADDRESS: Box 268, Station A
Winnipeg, Manitoba, Canada
R3K 2A1

CONTACT: Mr E L Spiece, President – (204) 895-7743

HISTORY: Spiece Associates was founded in 1979 to provide task-oriented management and consulting services to the global high-technology industries.

CAPABILITY: Spiece Associates is capable of providing high technology companies and government agencies involved with high technology industries with a full selection of task-oriented management and consulting services. Services provided include: Project Management, Strategic Planning, Project/Program Audits, Project Risk Analyses, Economic Feasibility Studies, Cost Location Studies, Marketing Research, Industrial Development Assistance, Proposal Preparation, Preparation of Business Plans, etc. Spiece Associates personnel are also available for Marketing, Strategic Planning and Business Development management positions within governments and industry on a short term contract basis.

AVERAGE WORK FORCE: MBAs – 1
BSc – 2
Other – 1

All personnel are experienced in the aerospace and other high technology industries.

GROSS SALES: 1987 – \$0.3M

PLANT SIZE: No Data

EQUIPMENT: No Data

EXPERIENCE: Aerospace business clients include prime manufacturers, component and systems manufacturers, service companies and government departments and agencies in Canada, the US and Western Europe.

KEYWORDS: Economic Studies; Management Consulting; Market Research; Program Management; Risk Analysis.

REVISED: April 88

SPILSBURY COMMUNICATIONS Ltd

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V6A 1L1

CONTACT: Mr Pete deWit, Distribution Marketing – (604) 684-4131