



**Innovative Research, Ideas, and Services Corporation**

**P.O. Box 3275  
Ann Arbor, Michigan 48106**

12 March 1998

Memorandum of Agreement

This Memorandum of Agreement (MOA) hereby conveys upon Mr. Ulf Walter Palme located at Av. de Julho, 95 - 7 andar, São José dos Campos - SP - Brazil the authorization and authority as the official Brazilian business representative for Innovative Research, Ideas, and Services Inc. (IRIS) with offices at 1229 Oak Valley Drive, Ann Arbor, Michigan 48108, and by extension IRIS Partners, VEXCEL Corporation, Image Information Engineering located at 4909 Nautilus Court, Boulder, Colorado 80301, and Image Scans Incorporated located at 7651 W 41st Avenue, Wheat Ridge, Colorado 80033 in business discussions with commercial and government organizations.

Charles A. Willey

President:

Innovative Research, Ideas and Services (IRIS) Corporation  
1229 Oak Valley Drive  
Ann Arbor, Michigan 48108

# Innovative Research, Ideas, and Services Corporation

## Our Business:

The Innovative Research, Ideas and Services Corporation (IRIS) is a Michigan small business owned by its shareholder founders. IRIS was established in 1991 for the purpose of exploiting the science and technology of high resolution airborne remote sensing for practical use by all of society. Its corporate office is located in Ann Arbor with a branch office near Rome, New York.

IRIS Principals have over a hundred years of direct experience in the research, design, development and application of airborne remote sensing with a specialization in Synthetic Aperture Radar (SAR). Through a long term agreement with the U. S. Air Force, IRIS has several UPD-8 radars in inventory along with the necessary support equipment and parts to maintain them.

IRIS is currently under contract with the Air Force, through Northrop-Grumman, to maintain and calibrate their UPD-8 radars for the Open Skies Treaty Verification effort. IRIS is also under Air Force contract to act as their engineers and representatives in developing NATO's Tactical Reconnaissance Interoperability Architecture.

## Our Principals:

**Charles A. Willey** - *President & CEO*. Mr. Willey has 30 years experience in Synthetic Aperture Radar (SAR) research, development, integration, maintenance and flight testing.

**Steven W. Havens** - *Vice President & CFO*. Mr. Havens has 20 years of experience with research and development in remote sensing systems development, GIS, image processing, collection management, and operational research.

**Ronald B. Haynes** - *Senior Engineer*. Mr. Haynes has 41 years of experience with military reconnaissance systems. Mr. Haynes has lead several of our nation's key reconnaissance sensor development programs, including the R&D effort which enables interoperability of NATO imagery reconnaissance systems.

**Louis D. Belcher** - *Director*. Mr. Belcher has 30 years experience in military and civilian reconnaissance systems engineering, program, and corporate management.

## Our Focus:

### Multisensor Airborne Remote Sensing and Support

- Airborne Data Collection
- Military Reconnaissance & Surveillance Systems
- SAR Mapping
- SAR Systems
- SAR Processing
- Treaty Verification
- Land and Resource Management
- Disaster Management
- Oil Spill Detection and Tracking
- Training & Maintenance
- Operations and Mission Analysis

### Engineering Services

- Sensor Systems Development
- Sensor Modification, Calibration, Processing, & Evaluation
- DOD Systems Engineering
- Test Plans & Procedures
- Truth Collection and Documentation
- Reconnaissance Systems Interoperability
- Formal Standards & Specifications

### Management Support

- Development of Program Plans
- NATO and Open Skies Programs
- Technology Transfer
- Organize & Conduct Meetings/Conferences
- Publish Documentation

