

Abstract

“Cycle of Life” Workshop

Author: Alan Spring, Jim Hogg, Gordon Fish, Richard Eppler
Affiliation: Base Mapping & Geomatic Services Branch, Ministry of
Sustainable Resource Management
Mailing Address: Suite #2 – 4476 Markham Street
Victoria, B.C. V8Z 7X8
Email: Al.Spring@gems1.gov.bc.ca
Telephone: (250) 952-4004
Fax: (250) 952-4468

Base Mapping & Geomatic Services Branch (BMGS)

- Mandate - specialize in the provision of base map and georeferencing data, corporate data sets and derived products as well as derived information to clients in government and the private sector.
- Who we are - Base Mapping and Geomatic Services Branch (BMGS) is composed of a team of Geomatics Technologists and Professionals who...
- What we do – maintain standards for base mapping , which includes aerial photography and aerial photography products
- ISO 9001 – The Branch is committed to quality and continuous improvement of its products and services; to confirm this commitment BMGS is pursuing a documented Quality Management program in accordance with the ISO 9001 International Standard for management of quality.

Corporate Base Mapping Advisory Committee (CBMAC)

- Mandate –
 - To provide a forum to bring coordination to the planning and delivery of base mapping and related products programs,
 - To provide a forum for the review and resolution of base mapping and related product specifications and technical issues of a corporate nature, and
 - To address the recommendations of the Base Mapping Business Review.
- Who they are – representatives from the public sector & private industry
- What they do – mandate & SOP

Standard Operating Procedure (SOP)

- Purpose - to provide direction to government agencies and partners with Government, in the documentation and procedures to be followed during the planning and implementation of mapping projects, inclusive of any aspect that relates to base mapping. The SOP will be applicable to mapping projects which have any component of Government funding;
- Maintain corporate standards for base mapping projects;
- Avoid duplication
- <http://srmwww.gov.bc.ca/bmgs/sop/index.html>

Air Photo & Lab Services Section

- Who we are
- What we do
- Change from production to governance – monitoring standards, audit
- Airborne Remote Sensing Unit – plan & manage annual provincial aerial photography program
 - Program & contract management since 1982
 - Managed programs with contract value exceeding \$3,000,000
 - Maintain provincial specifications pertaining to aerial photography – aerial photo, photo products, indexing, GPS data files, scanning imagery
http://srmwww.gov.bc.ca/bmgs/airphoto/air_photo_specifications.htm
- Reproduction & Evaluation Unit – produce aerial photography products, maintain specifications, inspection/audit
 - Archived photo dating back to 1936
 - Library exceeding 2,000,000 hardcopy images
 - Conservation of more than 14,000 aerial film negatives
 - Archival scanning
- Film Vault & Library – preserve film negatives; image archive
- You can decide to manage the project yourselves
 - We will provide expert advice
 - Must satisfy corporate specifications
 - BMGS archives the product for the province – You inspect and the Branch will audit the product to ensure standards for base mapping are met

- How we can assist by managing the project for you
 - Save funds – cost share partners,
 - Avoid duplication
 - Day to day project management, contractor liaison
 - Quality assurance
 - Multi-use product
 - We drafted the aerial photography specifications
 - Submit SOP for you

The Life Cycle of Your Project

- Forest Investment Account
- SOP – Project sponsor can also act as project manager; or select BMGS, or other source
- Photo Operation planning – parameters, specifications
- Contractor – photo acquisition, submissions
- Lab – film processing, prints, scanned images, data files, indices
- Q/A, audit process

- Air Photo & Lab Services Section
 - Custodian audit
 - Air Photo Warehouse
 - Film vault
 - DIM – scanned images
 - Air Photo System database (APS) – data files
 - Online Air Photo Inventory – public web access

- What have we done?
 - Planned, managed aerial photography contracts since 1982
 - Contracts total value 1982 – 2003 = approx \$40,000,000
 - Total Line Km. managed 1982 – 2003 = 1,662,782 line kilometres
 - Maintain Photo Library of more than 2,000,000 images
 - Conservation of more than 14,000 filmrolls in vault
 - Scanning of old 5 inch negatives for archival

- What we can do for you
 - Manage your program from planning to delivery
 - RFP evaluation & award
 - Contract management & Q/A
 - Save funds – larger program = lower unit cost
 - Cost-share partnerships
 - Avoid duplication
 - Reprints at ministry rate

- Contact us...
 - Ron Johnson, Manager, Air Photo & Lab Services (phone number & email address)
 - Alan Spring, Unit Head, Airborne Remote Sensing (phone & email)
 - Rick Eppler, Airborne Remote Sensing (phone & email)
 - Gord Fish, Unit Head, Reproduction & Evaluation (phone & email)
 - Jim Hogg, Reproduction & Evaluation (phone & email)

Questions/Discussion