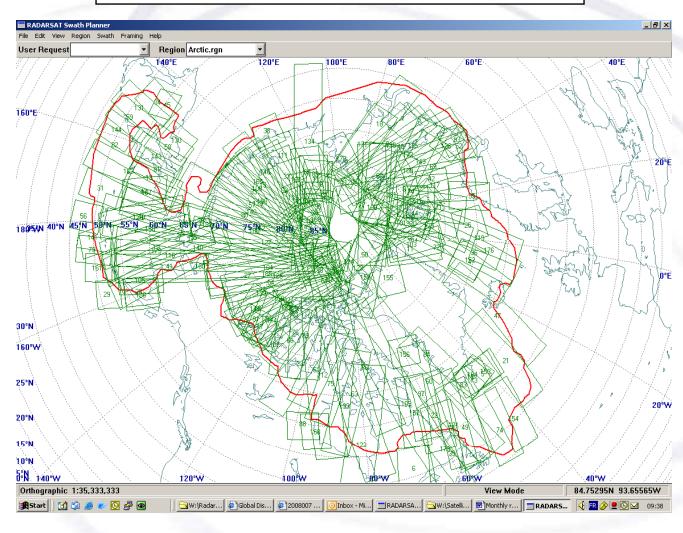




Arctic Coverage (Winter 08)





Beam and mode: ScanSAR Wide A and B

Orbit: Asc. and Desc. Period: January 16 to 21, 2008

Target coverage: 31,613,297 km²

Coverage obtained: 28,546,807 km² (~90.3%)

Satellite Operations

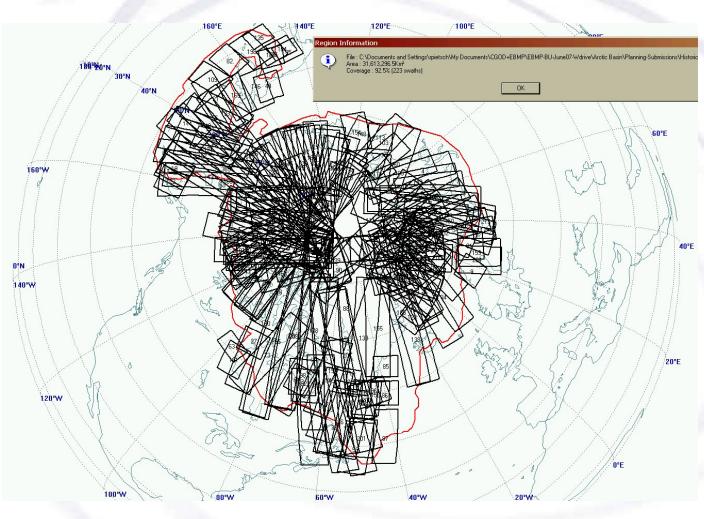


Canadian Space Agence spatiale Agency canadienne



Arctic Coverage (Spring 08)





Beam and mode: ScanSAR Wide A and B

Orbit: Asc. and Desc. Period: April 25 to May 2, 2008

31,613,297 km² Target coverage:

29,242,300 km² (~92.5%) Coverage obtained:

Satellite Operations

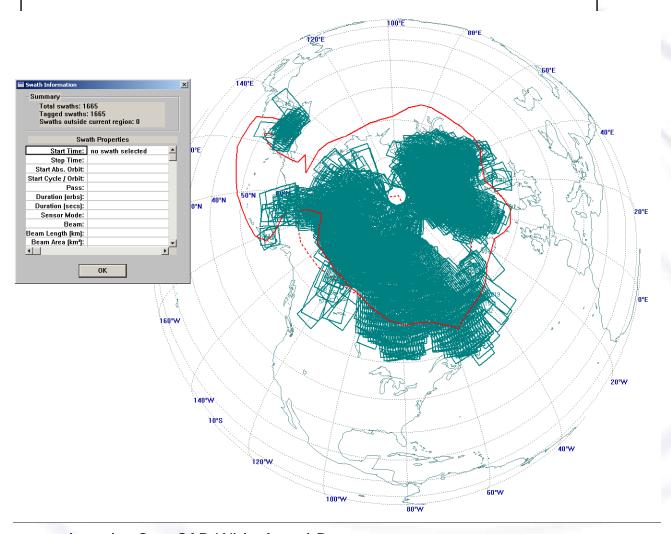


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canadienne

Arctic Coverage (Summer 2008)





Beam and mode: ScanSAR Wide A and B

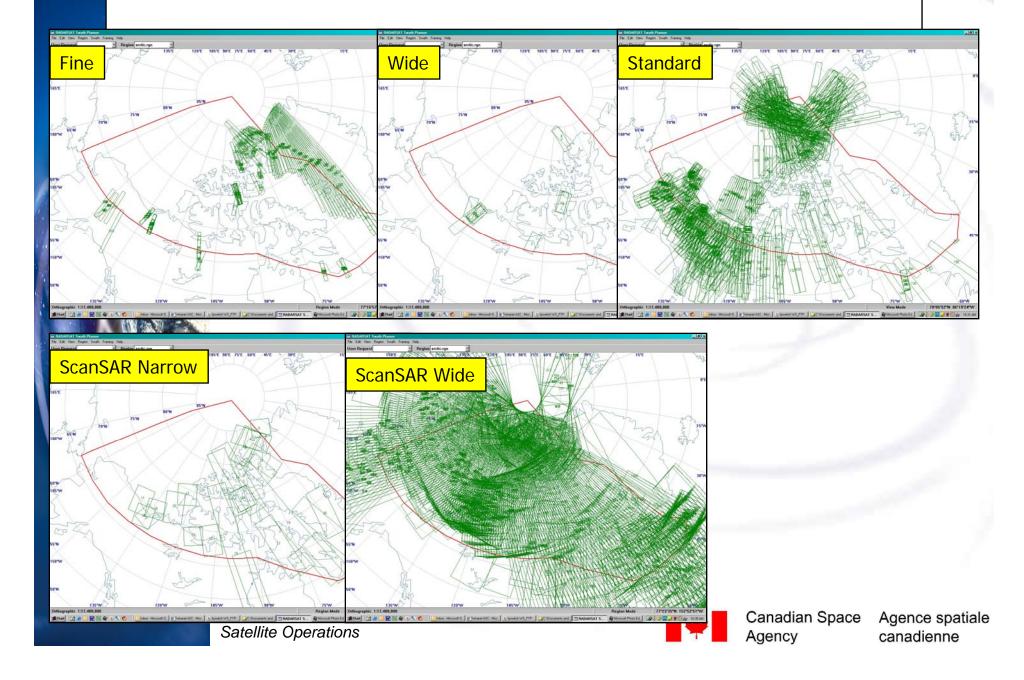
Orbit: Asc. and Desc. Period: May 2 to Sept 21, 2008

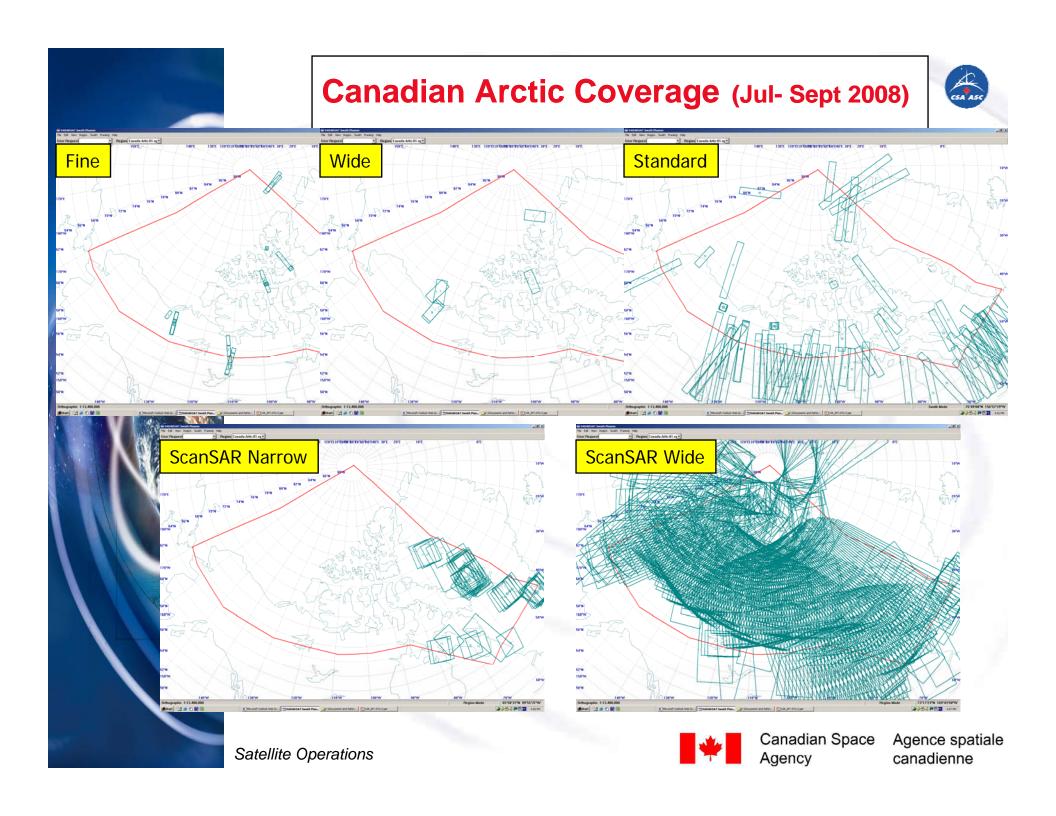
Target coverage: 31,613,297 km²



Canadian Arctic Coverage (Jan- Jul 2008)

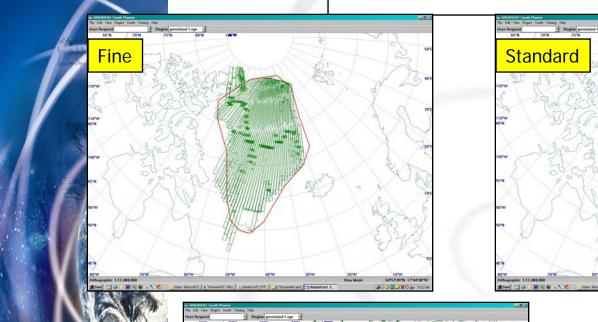


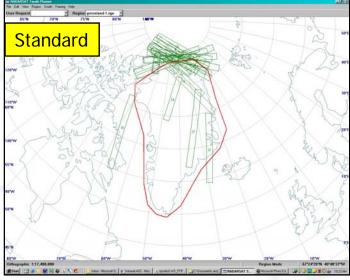


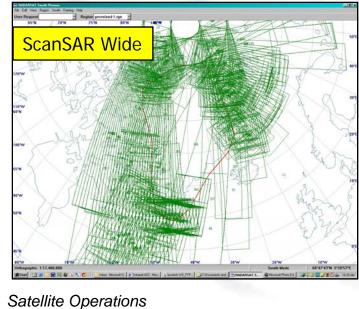


Greenland Coverage (Jan-Jul 2008)





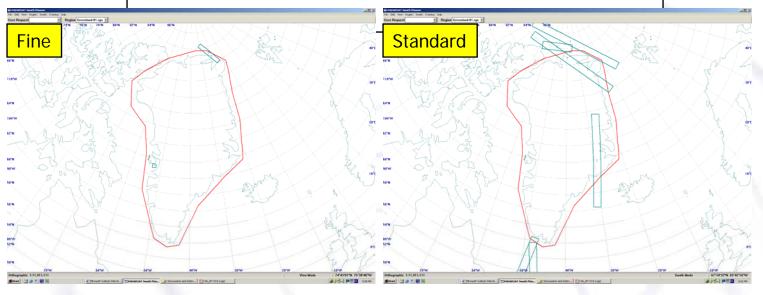


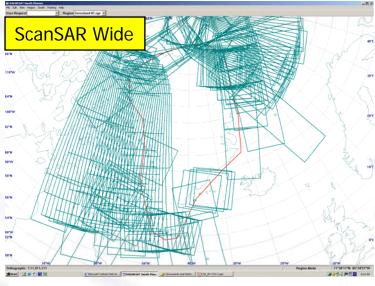




Greenland Coverage (Jul-Sep 2008)









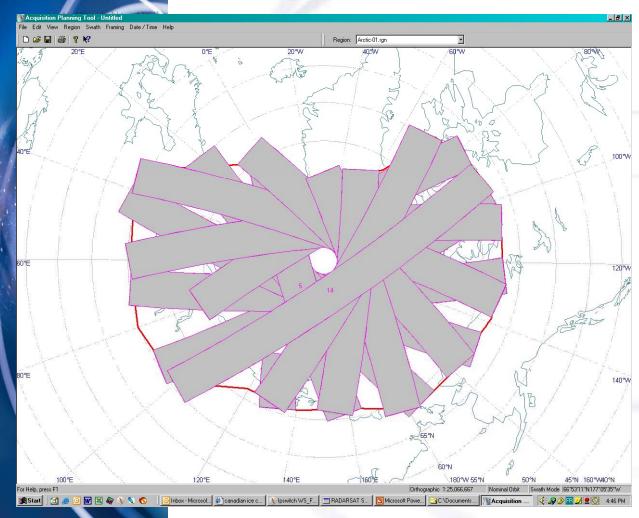




- 1. Arctic Ocean 3-day snapshot
- 2. Antarctica Winter Pole-to-Shore InSAR coverage
 - MDA/GSI is proposing a plan
- 3. Greenland and Canadian Ice Fields InSAR coverage
 - 3-4 consecutive cycles during winter
- 4. Super Sites



1. Arctic Ocean 3-day snapshot



RADARSAT-2 one day "ScanSAR Wide A" coverage of the Arctic ocean. CSA will implement a similar coverage 8 times per 24-day cycle.



2. Antarctica Winter Pole-to-Shore InSAR coverage

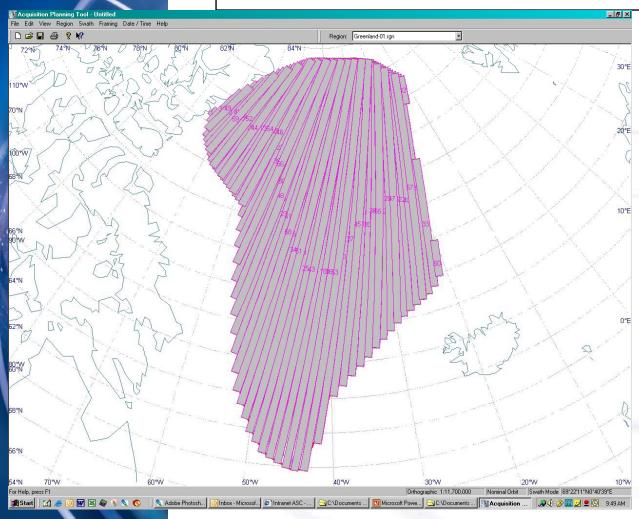


MDA/GSI is preparing a plan for these acquisitions

- Requires the development of a slew plan (left looking)
- Will start in mid-October



3. Greenland and Canadian Ice Fields InSAR coverage



RADARSAT-2 one cycle "Fine 3" coverage of Greenland. CSA will implement this plan in Background Mission for 3 consecutive cycles.

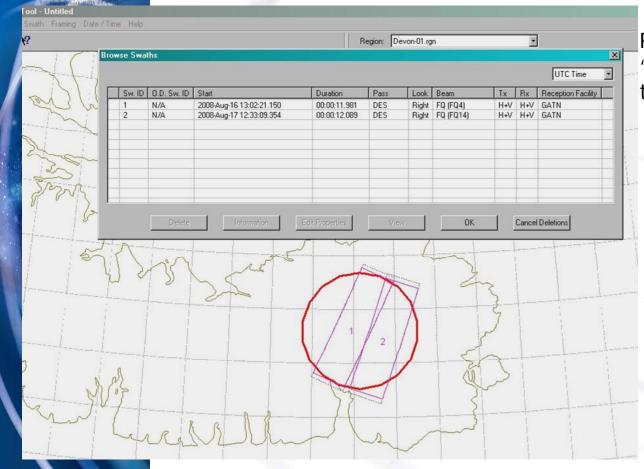
Period: Jan-Feb 2009.

This task carries its load of challenges as images strips are very long (some swaths over 65 frames long!) and may easily loose a conflict.

4. Super Sites



Devon Island

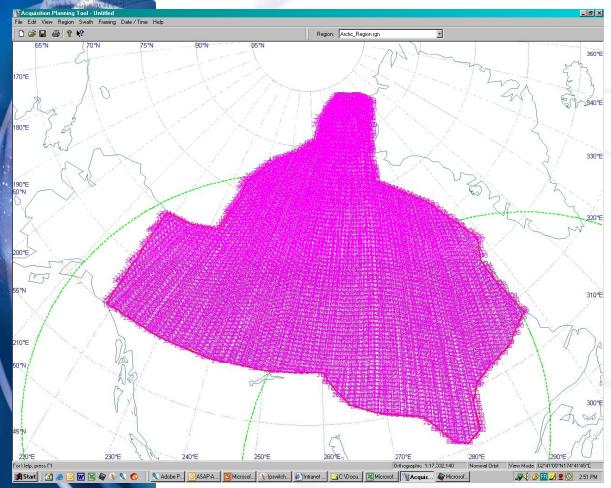


RADARSAT-2 August 16-17 "Fine Quad-pol" coverage of the Devon island test site.





CIM-2 (Canadian Interferometric Mission) and ASAP-2



RADARSAT-1 and 2 Canadian Arctic October 2008 "Fine 1" coverage of permafrost regions. To be repeated one cycle later.