

Title: PALSAR Mosaic Products

Product Leader: Bruce Chapman

Affiliation: Caltech - Jet Propulsion Laboratory (USA)

Product Team (confirmed members only):

- Masanobu Shimada (EORC/JAXA)

Agreement status: Waiting for PI Reissue. Caltech will sign

Preferred agreement type (individual/institutional): Institutional

Project objective(s):

- Mosaics of temporally consistent continental-scale regions
 - Use SRTM DEM to georectify and calibrate the imagery
 - ScanSAR mosaics (~100 m resolution)
 - Full Res. Mosaics (~50m)

PALSAR Mosaic Products

Prototype Area: SE Asia, Amazon Basin, Alaska

Corresponding observation plan polygon(s): B2, G1, F2

No. PALSAR paths/coverage: 10 Scansar for prototyping, whole coverage otherwise

PALSAR request (Year 1-3): as scheduled by science objectives

Input data (EORC products): PALSAR Scansar single pol path images
(sigma0, slant range, 100 m)

Ancillary data requests: Prism DEM data for Alaska and boreal zone where possible

Prototype Area: SE Asia, Amazon Basin, Alaska

Corresponding observation plan polygon(s): B2, G1, F2

No. PALSAR paths/coverage: 40 fine resolution paths for prototyping, whole coverage otherwise

PALSAR request (Year 1-3): as scheduled by science objectives

Input data (EORC products): PALSAR dual-pol or single-pol fine resolution
path images (sigma0, slant range, 50 m)

Ancillary data requests: Prism DEM data for Alaska and boreal zone where possible

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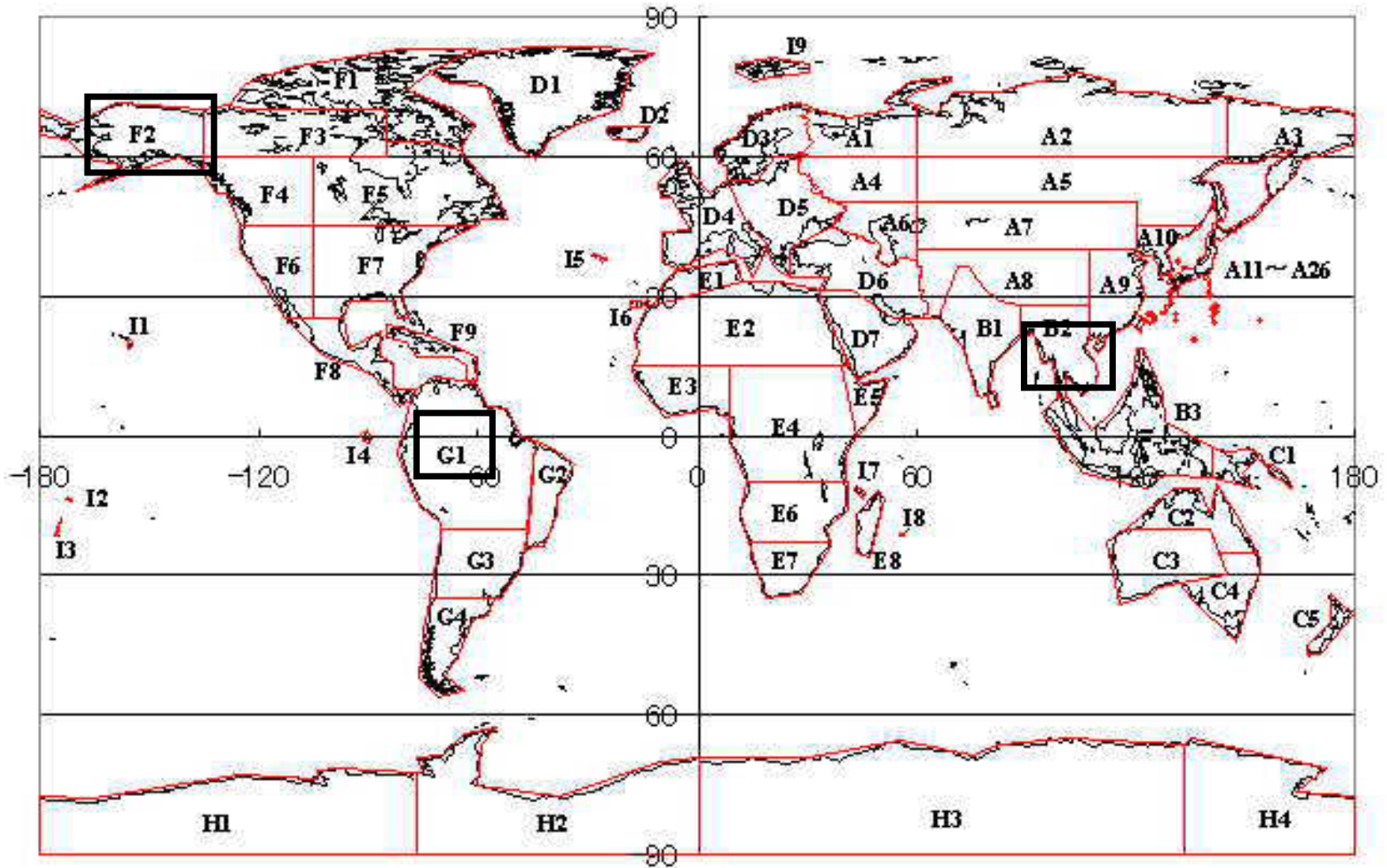
K&C Product Deliverables (before end of Year 3):

- ScanSAR mosaics for each repeat cycle
- One fine resolution mosaic for North/South America

Prospects for Years 4-6 (assuming agreement extension)

- ScanSAR mosaics for each repeat cycle
- One fine resolution mosaic for North/South America

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Location of Prototype Areas