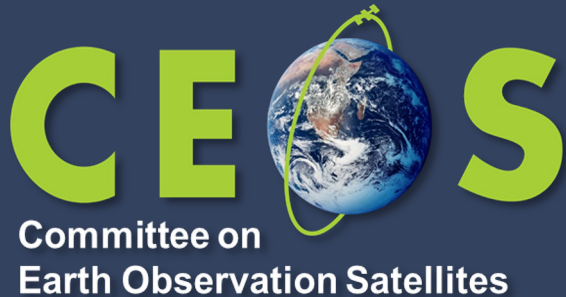


LSI-VC-19

Confirmation of CEOS-ARD

PFS Building Blocks

Implementation - SAR



Ake Rosenqvist, JAXA/soloEO

Agenda Item L1.3

Sioux Falls, SD, USA, 20-24, 2026

SAR PFS Building Block conversion



All SAR PFSs still incorporated in the “CEOS-ARD for SAR” PFS

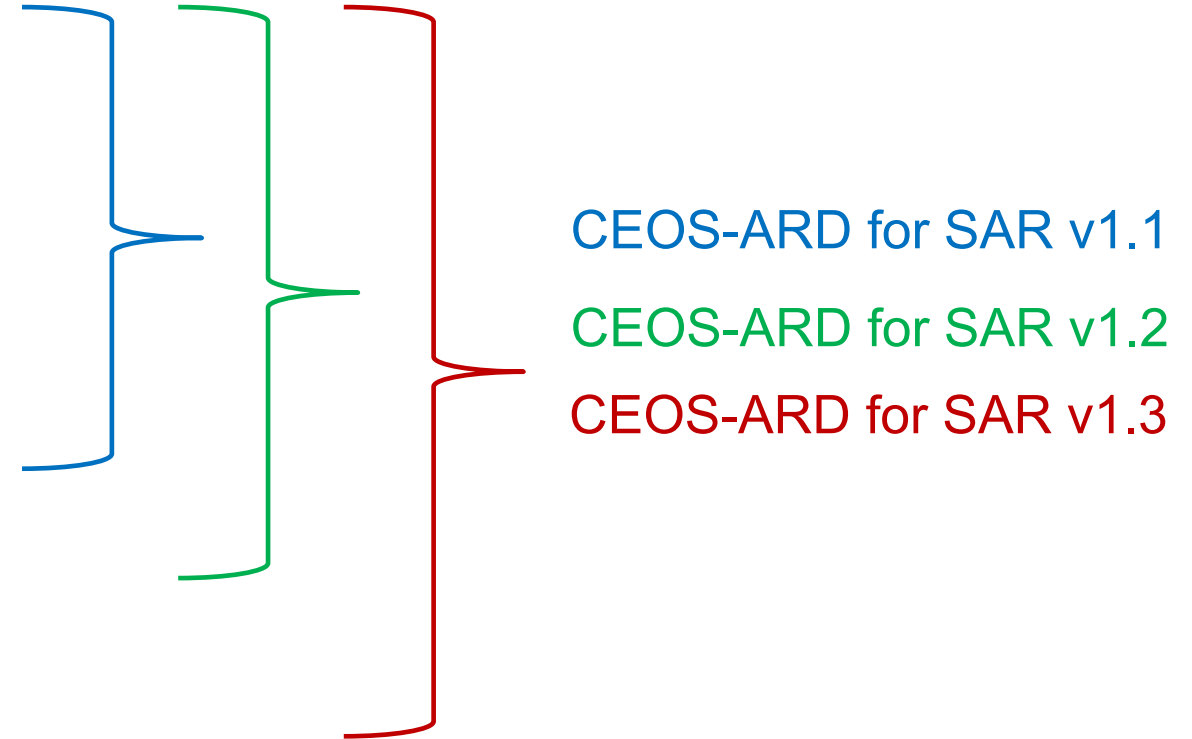
- ❖ Normalised Radar Backscatter [NRB]
- ❖ Polarimetric Radar [POL]
- ❖ Ocean Radar Backscatter [ORB]
- ❖ Geocoded Single-Look Complex [GSLC]
- ❖ Interferometric Radar [InSAR]
- ❖ Composite Backscatter [CB] (← for endorsement this PM)

SAR PFS Building Block conversion



All SAR PFSs still incorporated in the “CEOS-ARD for SAR” PFS

- ❖ Normalised Radar Backscatter [NRB]
- ❖ Polarimetric Radar [POL]
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To date, the [SAR v.1.1](#) has been split into Building Blocks → on the CEOS GitHub

What version numbers should the Building Block PFSs be given?

- ❖ NRB v5.5 → ... (NRB v5.6.0?) (Re-numbering, BB formatting, non-break Threshold)
- ❖ POL v3.5 → ... (POL v3.6.0?) (as above)
- ❖ ORB v1.0 → ... (ORB v1.1.0?) (as above)
- ❖ GSLC v1.0 (SAR v1.1) → ... (GSLC v2.0.0?) Changes to Threshold
- ❖ InSAR v1.0 (SAR v1.2) → ... (InSAR v2.0.0?) Changes to Threshold
- ❖ CB v1.0 (SAR v1.3) → ... (CB v1.0)

- SAR PFS Building Block conversion planned for May/June
- Conversion of the XML metadata requirements to follow
- STAC development 2027? (Matthias – comments?)

Semantic versioning

- 1st digit – Major (breaking changes to Threshold)
- 2nd digit – Minor (e.g. non-breaking changes to Threshold, changes to Goal)
- 3rd digit – Patch (e.g. editorial)