

SCOOP WP2000: Data Management

Ellis Ash

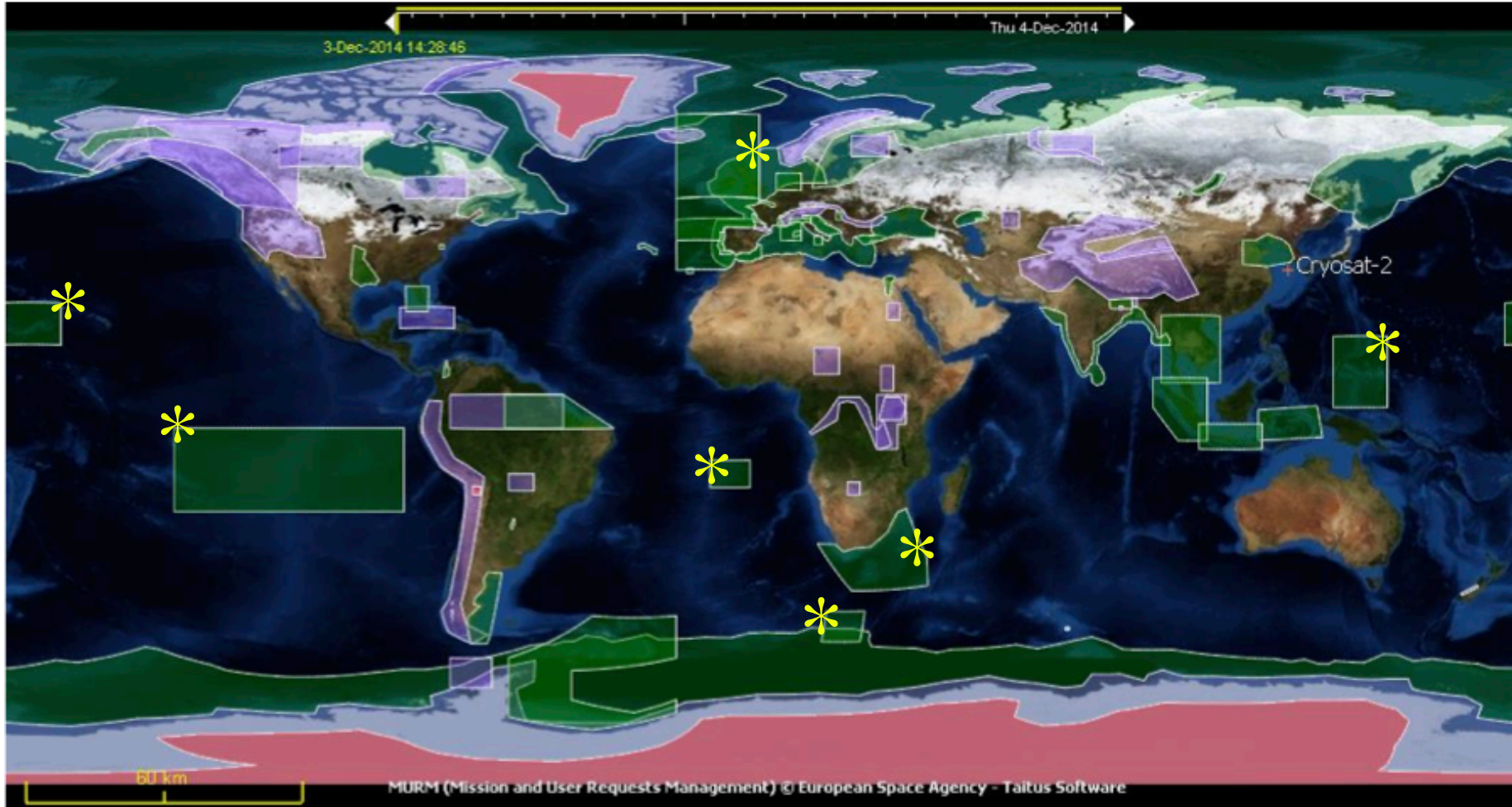
Data management overview

- Coordination and provision of data access for other workpackages
- Input data for WP3000, WP4000, WP7000
- Validation data for WP5000, WP6000, WP7000
- Public availability of output products
- WP2000 deliverables:
 - D2.8 Test Data Sets
 - D2.9 Output Products

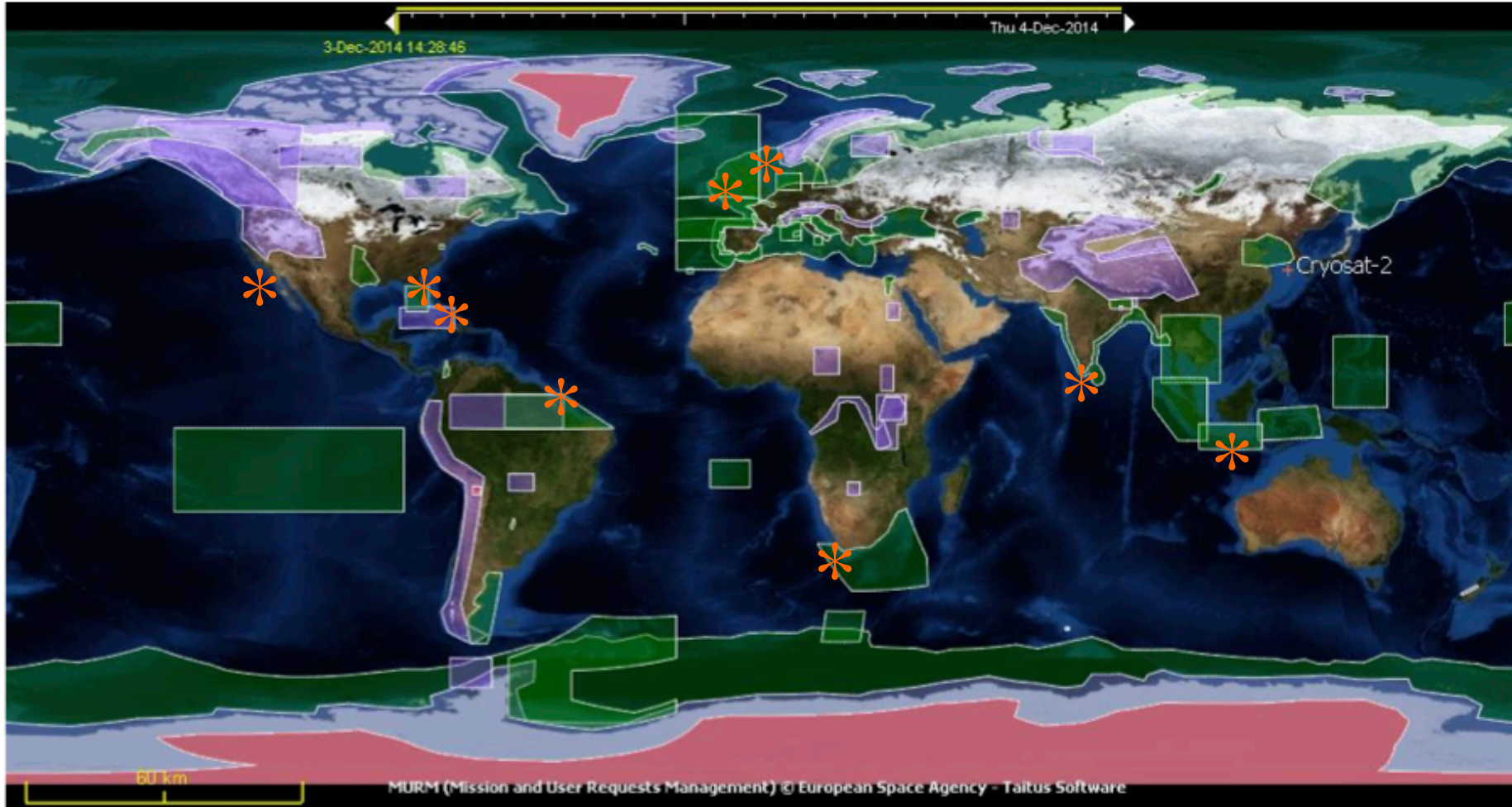
Data management tasks

- WP2100 Manage distributed database for partner access to all data required for Task 2 activities
- WP2200 Web front end to distributed database
- WP2300 Management of Test Data Sets – Phase 1 and Phase 2 data sets at L1B and L2 for coastal zone and open ocean.
- WP2400 RDSAR data for validation (TUDelft)
- WP2500 Management of output products

Regions of interest (open ocean)



Regions of interest (coastal zone)



L1D-S data volumes (open ocean)

ROI		Average volume per year (Gigabytes- GB)
CP40_002	[Pacific W]	149,4
CP40_003	[Pacific Central]	93
SAR_Pico_00	[Pacific E]	644,8
AR2690_1	[Atlantic S]	37,16
AN6524_1, AN6524_5 and AN6524_6	[Atlantic NE]	257,4
Agulhas (overlapping AR2677_1)		167,65
AR2690_2	[Indian SW]	35,4
Total		1384,81

L1B-S data volumes (coastal zone)

ROI	Average volume per year (Gigabytes- GB)
Flor_ST (overlapping AN2706_7)	7
CP4O_01 [Cuba]	146,6
AmazonSAR	26,8
AN6524_1, AN6524_5 and AN6524_6 [Atlantic NE]	194,1
AN6524_4 (over North Sea)	135,84
Agulhas (overlapping AR2677_1)	167,65
ESurge_1 [Indian N coast]	50,2
AN6531_4 [Indonesia]	52,1
Harvest [California]	19,6
Total	799,89

L1B-S data flow

WP	Partners	Region(s)	Volume
3000 / 5000	isardSAT -> CLS	All open ocean	1385GB x2
4000	isardSAT -> Starlab	All open ocean	1385GB x2
4000	isardSAT -> Starlab	All coastal zones	800GB x2

[L2 data volumes ~10% to 80% L1B depending on content]

Data access overview

- L1B at distributed ftp servers isardSAT / SatOC
- L2 at distributed ftp servers Starlab / SatOC
- SatOC nominal capacity 1700GB [e.g. 2 years coastal L1B or 1 year open ocean]

Questions and comments

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