



ACVT



Paul Snoeij

Organisation during the Long-term Validation Phase

- Is based on the concept of Quality Working Groups (QWG) and Validation teams
- A QWG advises the mission manager on actions to be taken to secure the product quality
- The advise is based on inputs from the long-term quality analysis performed at ESRIN, analysis made by the ESL's and by the different validation teams.

Data Quality Monitoring and Long-term Validation Organisation during Phase E

Validation Activities

ACVT

MAVT

Campaigns

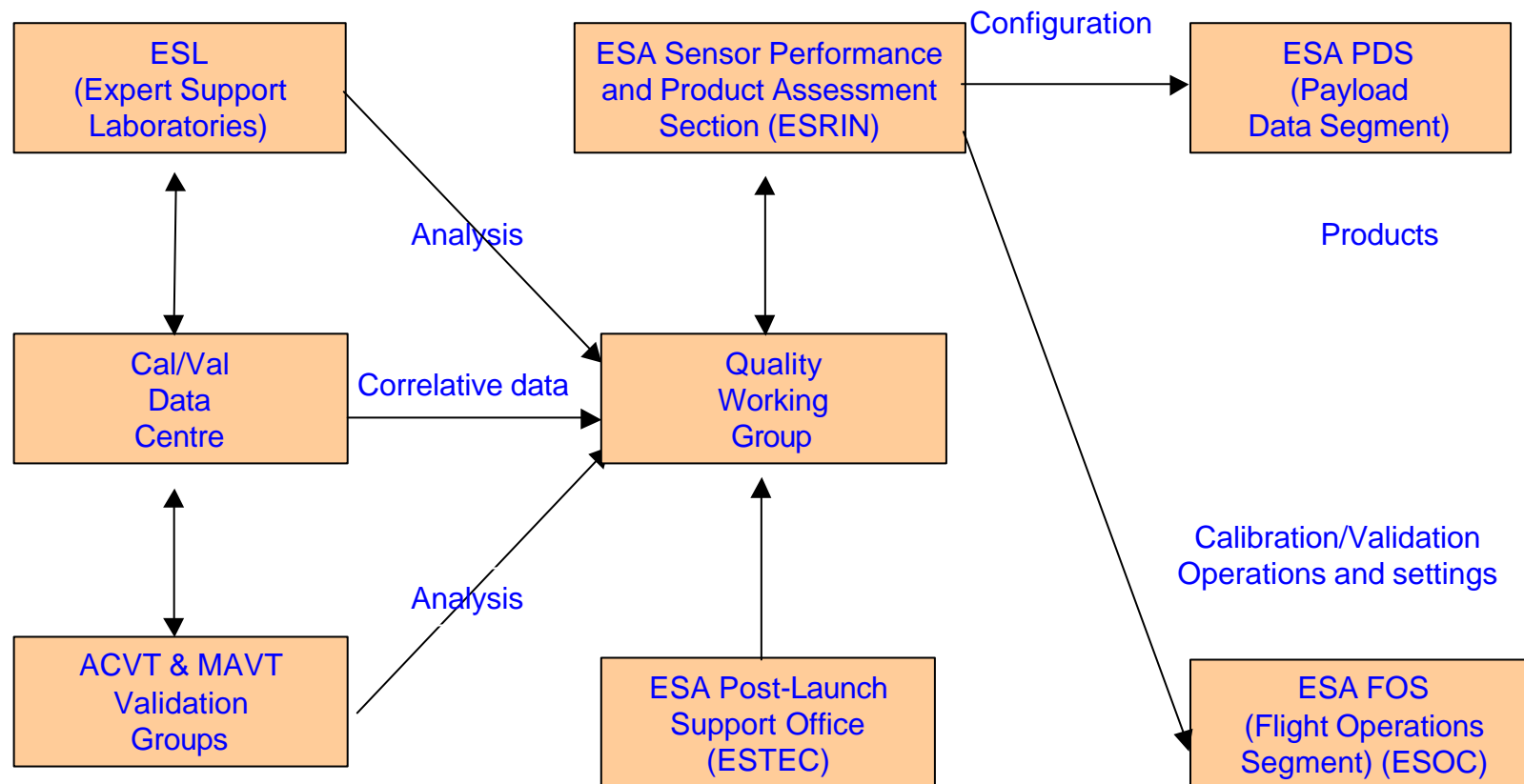
E. Attema

Instrument Monitoring Algorithm Maintenance



P. Lecomte

Structure of the QWGs and Validation teams



ACVT organisation

Name	Function
Evert Attema	ACVT validation coordination
Paul Snoeij	Validation engineer; supporting Evert Attema
Patrick Wursteisen	ACVT subgroup leader: ESABC: Aircraft and Balloon Campaigns
Rob Koopman	ACVT subgroup leader: GBMCD: Ground Based Measurements and Campaign Database
Claus Zehner	ACVT subgroup leader: MASI: Models, Data Assimilation and Satellite Intercomparison

Validation activities in 2003&more

- The validation activities will continue throughout the entire mission lifetime.
- More specifically,
 - the main validation phase (i.e. with intensive validation activities) will be completed in 2003,
 - the long term validation phase will be associated to e.g. algorithm improvement or instrument degradation.
- Specific validation working meetings will be held in 2003/2004.

Reprocessing of Cal/Val data

- GOMOS:
 - ESA processing facility at ACRI will be used
 - Reprocessing finalised by 5 September 2003
 - FTP server @ ACRI
 - Data request submitted to SGL by mid July

Reprocessing of Cal/Val data

- MIPAS:
 - ESA processing facility at ESRIN will be used
 - Reprocessing finalised by 3 October 2003
 - FTP server @ ESRIN
 - Data request submitted to SGL by mid July

Reprocessing of Cal/Val data

- SCIAMACHY:
 - ESA processing facility at ESRIN will be used
 - Reprocessing finalised by 5 September 2003
 - FTP server @ ESRIN
 - Based on validation reference dataset

Validation working meeting objectives

Validation Working meetings will review the results of the validation of the Envisat geophysical data.

- to review the Level 2 product algorithms using the results of the validation campaigns,
- to review the geophysical consistency of the Level 2 processor products,
- to provide an error estimation of the Level 2 products.

ACVE working meetings

- ACVE-2:
 - 18 – 20 November 2003 (NEW DATE)
 - ESRIN / Frascati
 - Delta validation, only results different from December 2002.
- ACVE-3
 - 1 – 4 March 2004
 - ESRIN / Frascati
 - e.g. IR products SCIAMACHY

2002		
March	Launch	
	Commissioning Phase	Data distribution to cal/val PIs
September	Calibration Review	Recommendations on L1b products
	Commissioning Phase	Start of ASAR products distribution to non-cal/val PIs
December	Validation Workshop	Recommendations on product release
	Closure of Commissioning Phase	
2003	Initial Operations Phase	Main validation phase
April	Artemis commissioning tests	
May	Nominal mission scenario	
September	Full Operations Phase	Long term validation phase
November		ACVE-2 Working meeting
2004		
March		ACVE-3 Working meeting
2004-2005	Participation in validation campaigns	
2006 &more		