



EPN Rapid Analysis Products

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EPN rapid analysis products

- Scope:

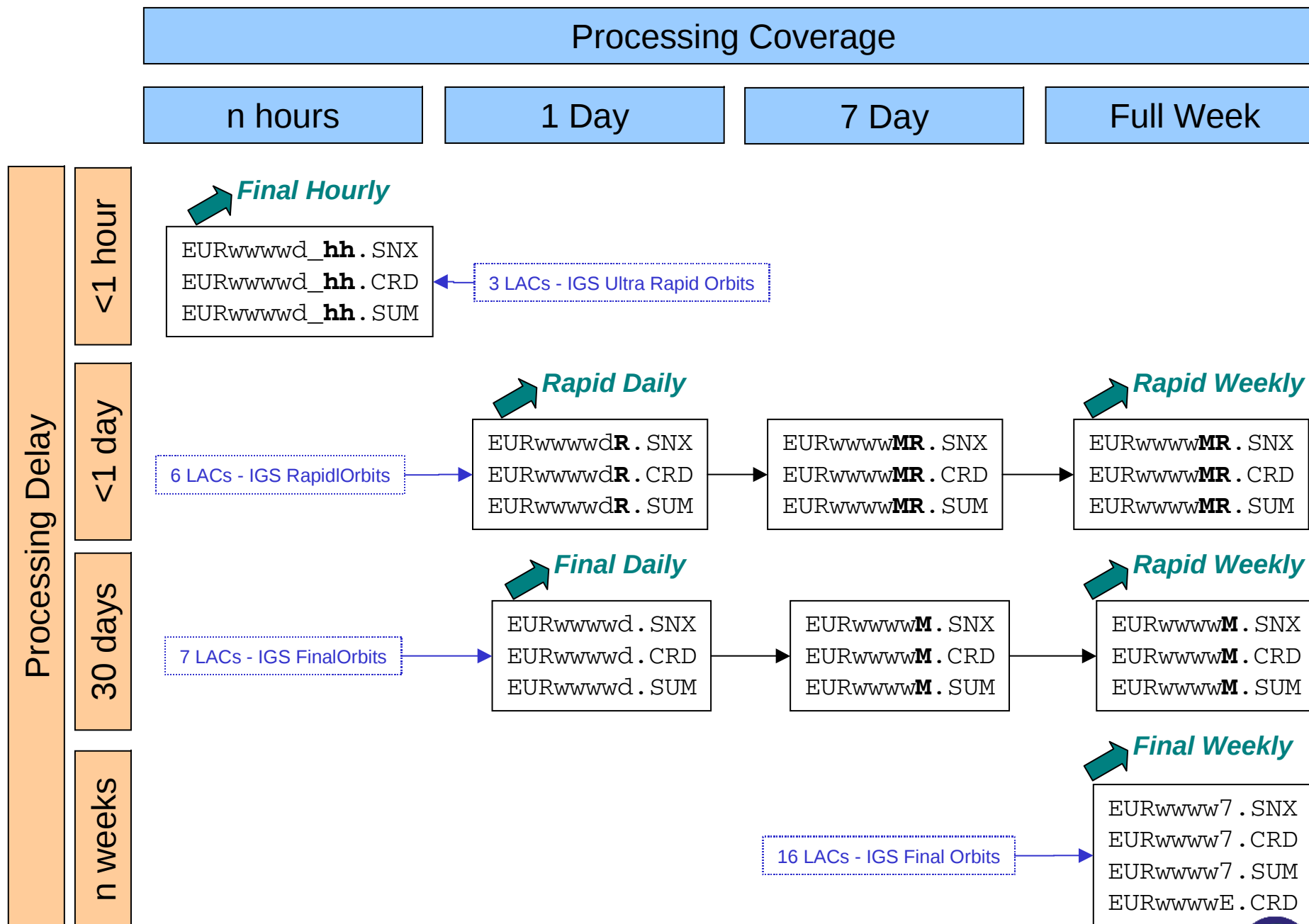
- Monitoring
- High resolution coordinates

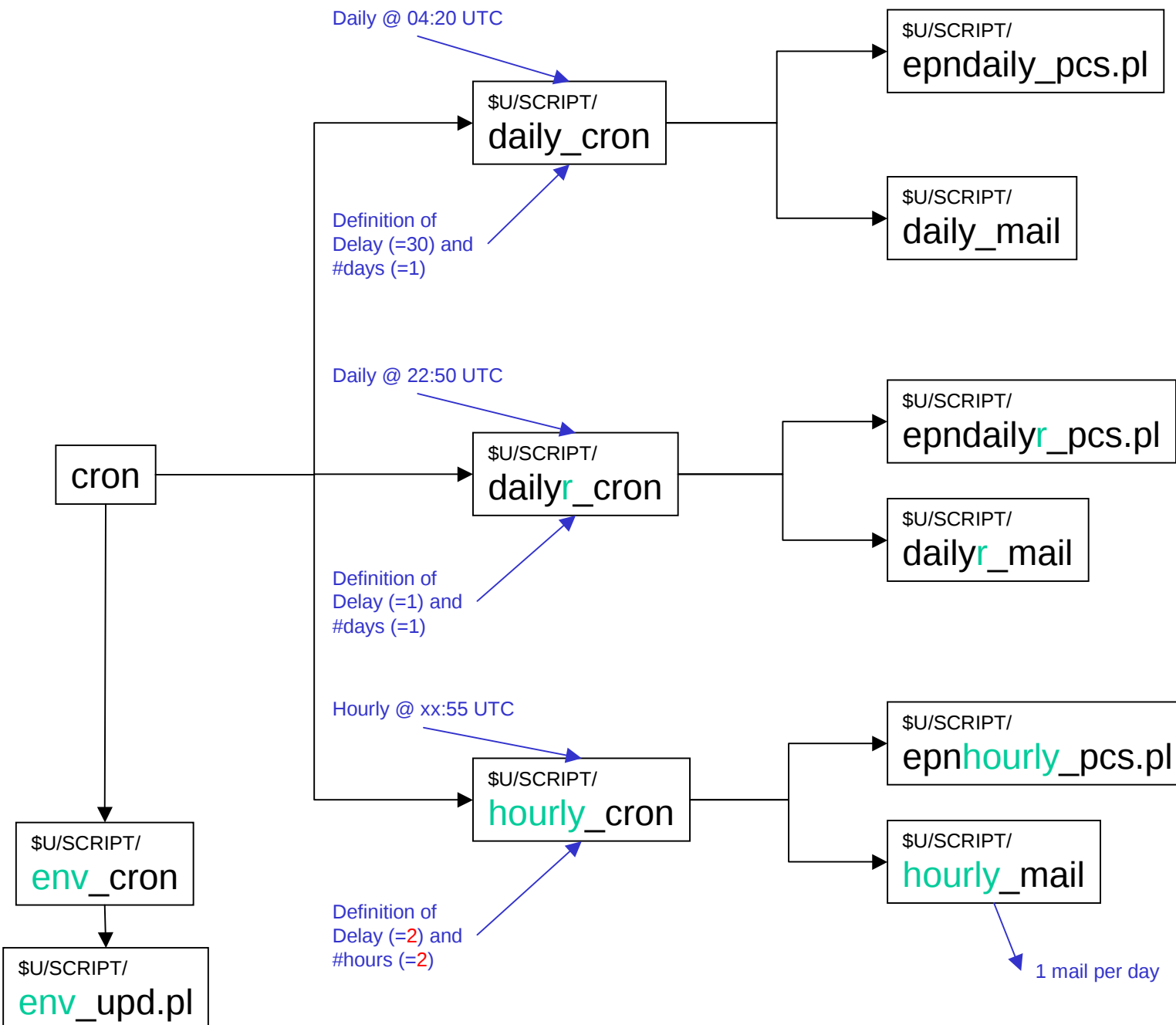
- Options:

- Option 1, daily SINEX files from IGS final orbits
- Option 2, daily SINEX files from IGS rapid orbits
- Option 3, daily SINEX files from both, IGS final and rapid orbits

- Realization of Option 3

- As result of questionnaire among LACs





LAC Contribution to Near Real-Time Combination

Final Daily

Rapid Daily

Hourly

10 LAC

	ASI	ASI
BEK		
BKG	BKG	BKG
IGE	IGE	
	LPT	LPT
NKG		(NKG) announced
	ROB	
SUT		
UPA	UPA	
WUT		

Total 7

Total 6

Total 3

Rapid Product Holdings

EPN Rapid Products Summary

Date: 2007-11-28 15:15

www=Week, d=Day, _D=Final Daily, RD=Rapid Daily, [00-23]=Hourly

#Contributions

www_d _D RD 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23

14553		2	2	3	3	3	3	3	3	3	2	2	2	2										
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2007-11-28

Rapid Products

- *Hourly Specifications* -

- ASI
 - 24 hour moving window
 - GIPSY software, network solution
- BKG:
 - 4 hour moving window
 - Bernese software
- LPT:
 - 8 hour moving window and combination of recent 24 NEQ
 - Bernese software
- NKG (in preparation):
 - 10 hour moving window
 - GIPSY-OASIS software
 - PPP approach, IGS ultra rapid orbits, satellite clock estimation from own global GIPSY network solution

Next Steps

- Extension to all EPN sites ?
- Hourly Plots at EPN-CB or BKG ?
- Harmonisation of hourly analysis specifications ?
- Establishment of „alert system“ ?
- Product announcement ?

Thank you