

ESEAS-RI Project WP2: UNOTT Processing of 3-month sample data set

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- Bernese PPP
 - IGS final products
 - 24 hour solutions
 - 3 iterations
 - Improve a-priori coordinates and flag poor epochs of data
 - Re-compute with flagged epochs not included x 2 iterations
 - Solving for station coordinates and ZTD/15 min
- Processed stations
 - 12 CGPS at ESEAS Observing Sites
 - 9 in UK
 - 3 in Norway
 - 11 IGS stations from EPN



UNOTT Results

- 90 days processed
 - From 001 to 090 of 2003
 - No solutions for 013, 037, 055 and 082
- Daily solutions combined as an unweighted mean
- Difference of daily solutions from unweighted mean computed
 - Detection of station-days that are outliers
 - Computation of the RMS difference of a daily solution from the unweighted mean



Station	N (mm)	E (mm)	U (mm)	Outlier days
ABER	-	-	-	006, 022, 034, 046
ANDE	-	-	-	?
ANDO	4	4	16	
CAMB	-	-	-	041, 059, 080
LIVE	-	-	-	058, 088
LOWE	3	5	10	
MORP	4	4	10	
NEWL	4	7	16	
NSTG	-	-	-	031, 048, 063, 073, 074, 081, 084
PMTG	4	4	13	
SHEE	4	8	13	
TGDE	5	4	9	
BOR1	-	-	-	038
GRAZ	4	5	10	
KOSG	5	3	9	
MATE	6	8	12	
METS	5	3	10	
ONSA	4	4	10	
POTS	4	5	10	
REYK	4	4	13	
VILL	3	4	8	
WTZR	4	5	10	
ZIMM	3	6	10	

