

January 30th 2008, J. Wresnik

Comparison of uniformsky schedules with different optimization options

Specifications:

schedules: stat16_6_2p1_D0ln
st16uni_30_6_230
st16uni_45_9_230
st16uni_60_12_230
st16uni_120_12_230
st16uni_120_24_230

software: OCCAM Kalman

clk: ASD 1e-14 @ 15 min, random walk + integrated random walk

zwd: Vienna turbulence (standard)

wn: 4/sqrt(2) ps per station

zwd: 0.7

grd: 0.5

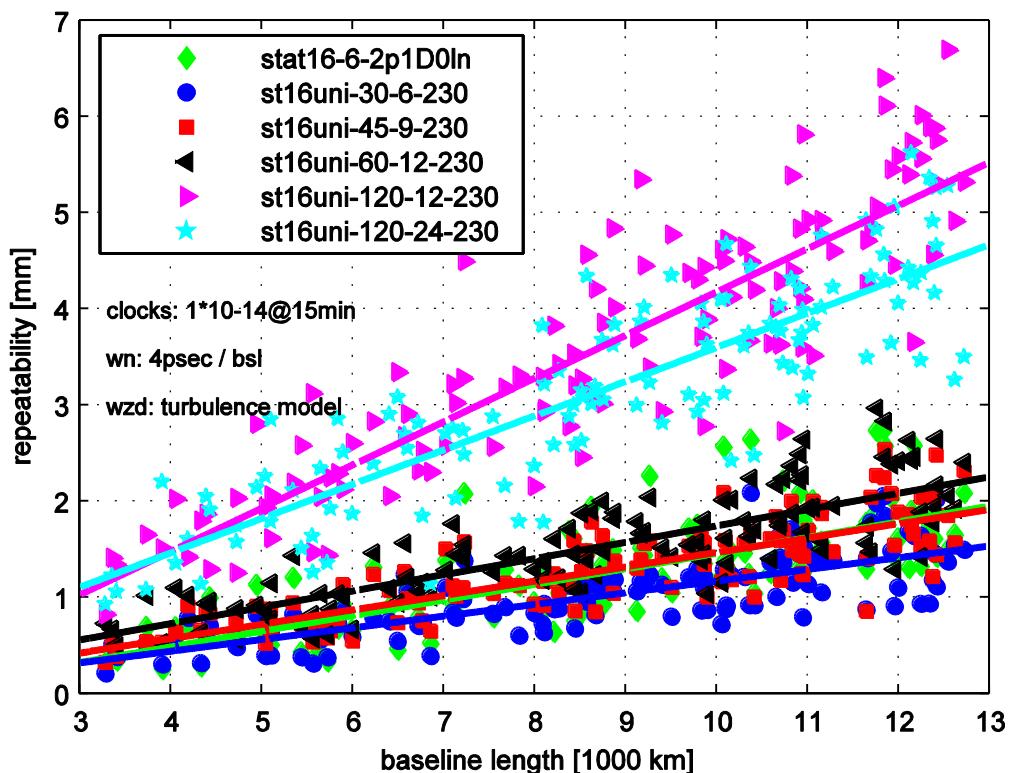


Figure1: Baseline length repeatabilities for the schedules: stat16_6_2p1_D0ln, st16uni_30_6_230, st16uni_45_9_230, st16uni_60_12_230, st16uni_120_12_230, st16uni_120_24_230

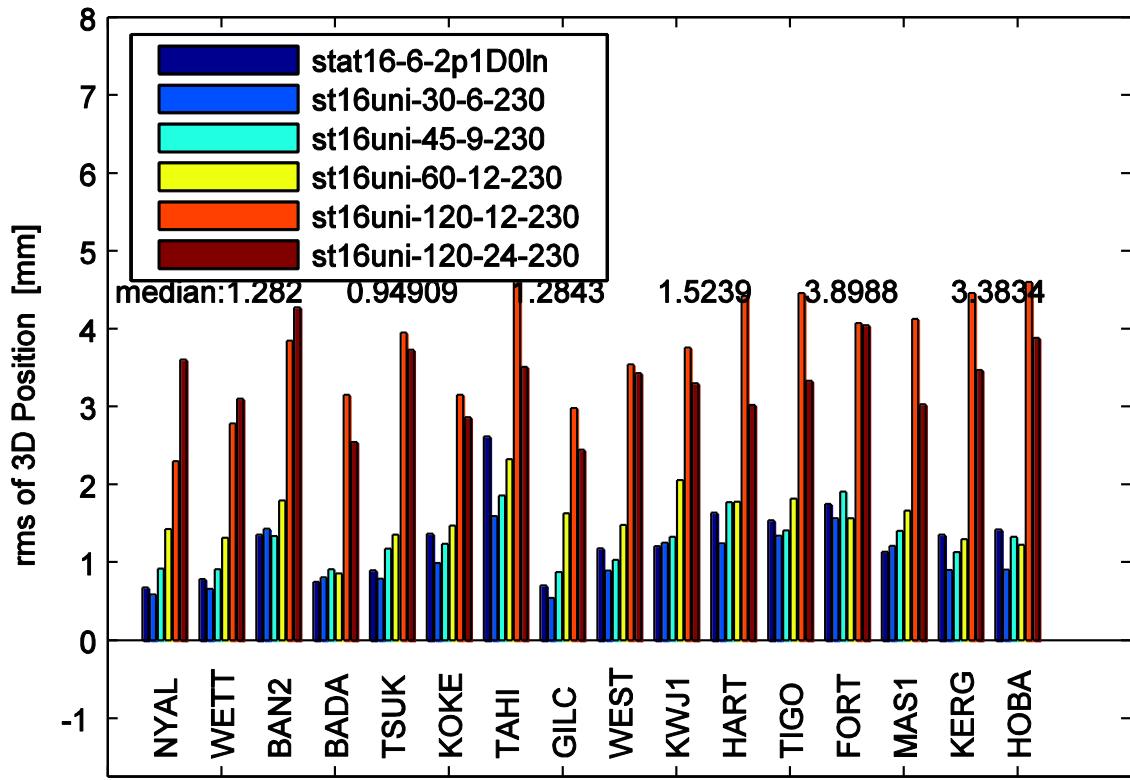


Figure2: 3Drms station position for the schedules: st16uni_30_6_230, st16uni_45_9_230, st16uni_60_12_230, st16uni_120_12_230, st16uni_120_24_230, The median rms are: 1.28, 0.95, 1.28, 1.52, 3.90, 3.38.

Table1: Median of the 3D rms of the station position for the different schedules.

schedule	Median 3D rms
stat16_6_2p1_D0ln	1.28
st16uni_30_6_230	0.95
st16uni_45_9_230	1.28
st16uni_60_12_230	1.52
st16uni_120_12_230	3.90
st16uni_120_24_230	3.38