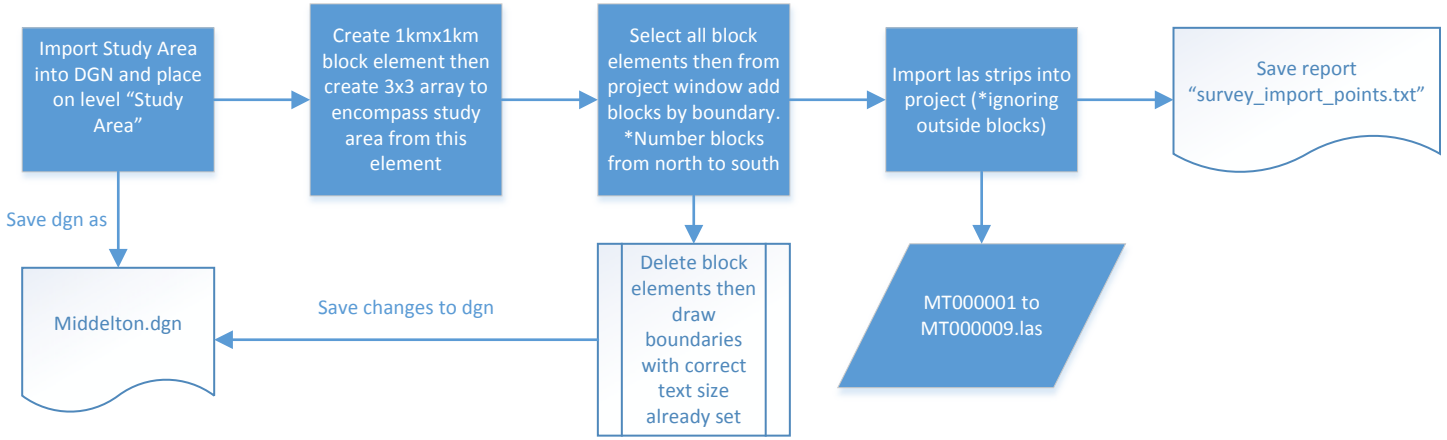
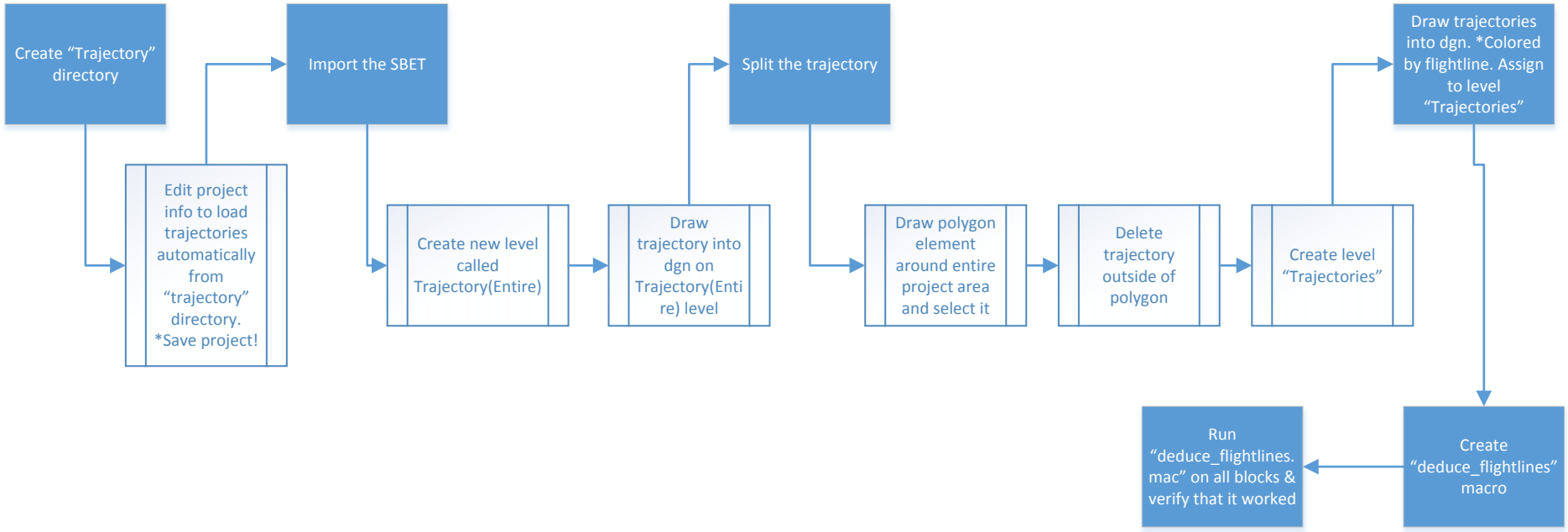
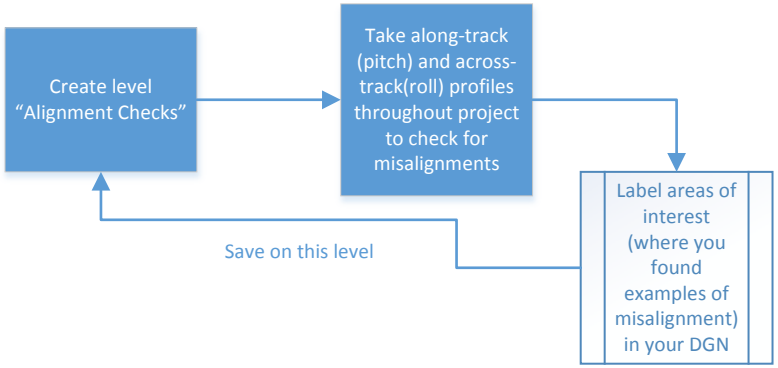
CREATING A PROJECT



IMPORTING TRAJECTORY (SBET)

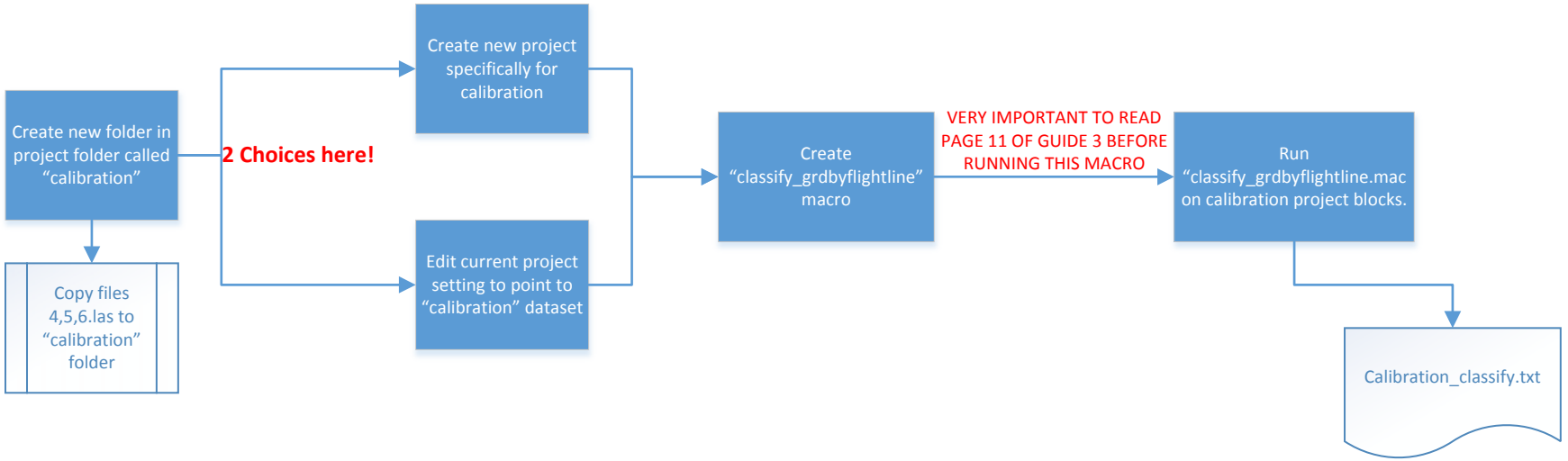


ANALYZE FLIGHTLINE MISALIGNMENT

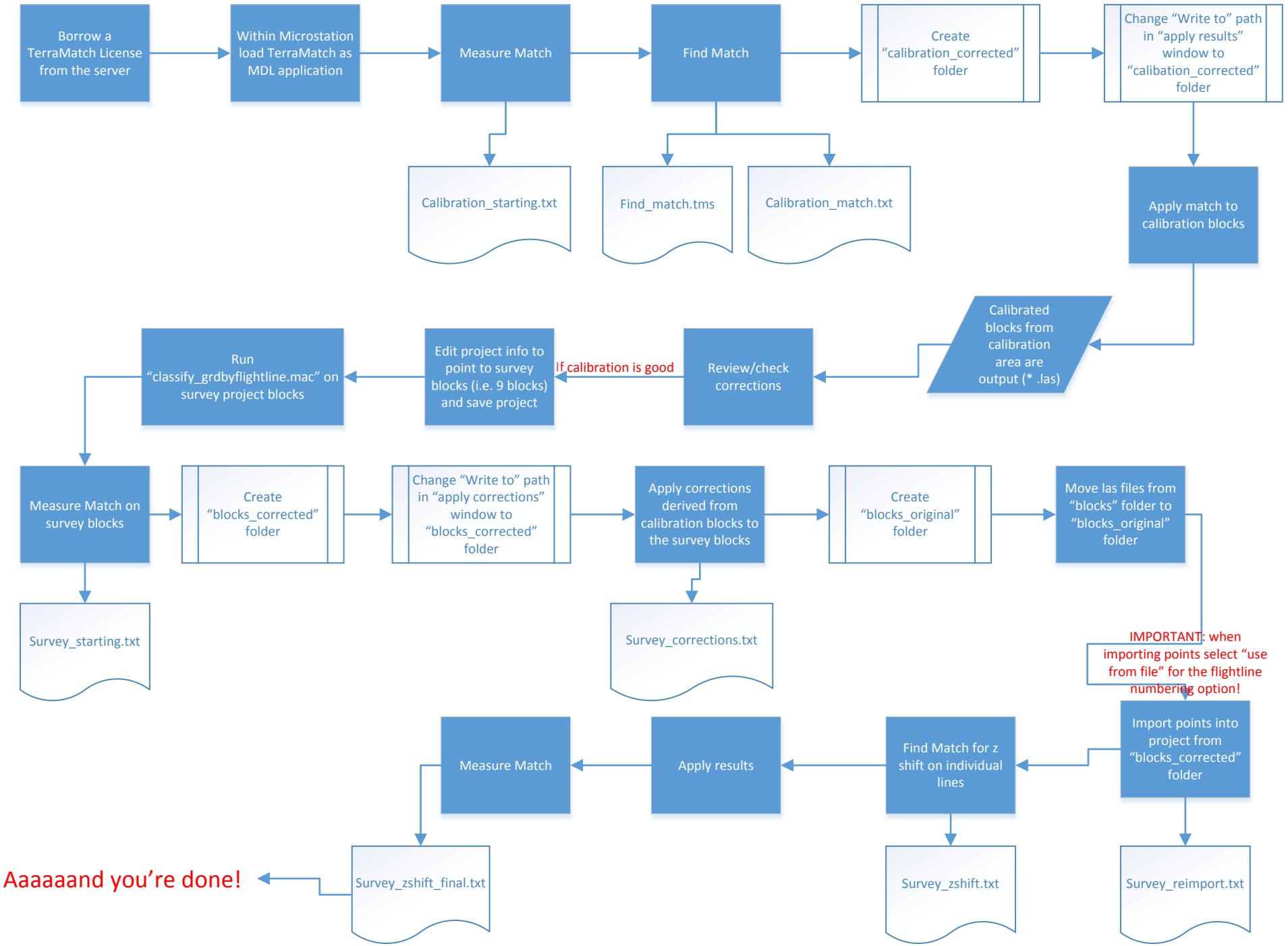


PREPARE CALIBRATION DATASET

Use middle 3 blocks i.e. 4, 5, 6 for calibration dataset



TERRAMATCH


Borrow a TerraMatch License from the server
Within Microstation load TerraMatch as MDL application
Measure Match
Find Match
Create "calibration_corrected" folder
Change "Write to" path in "apply results" window to "calibation_corrected" folder
Calibration_starting.txt
Find_match.tms
Calibration_match.txt
Apply match to calibration blocks
Calibrated blocks from calibration area are output (* .las)
Review/check corrections
If calibration is good
Edit project info to point to survey blocks (i.e. 9 blocks) and save project
Run "classify_grdbyflightline.mac" on survey project blocks
Measure Match on survey blocks
Create "blocks_corrected" folder
Change "Write to" path in "apply corrections" window to "blocks_corrected" folder
Apply corrections derived from calibration blocks to the survey blocks
Create "blocks_original" folder
Move las files from "blocks" folder to "blocks_original" folder
Survey_starting.txt
Survey_corrections.txt
IMPORTANT: when importing points select "use from file" for the flightline numbering option!
Import points into project from "blocks_corrected" folder
Find Match for z shift on individual lines
Apply results
Measure Match
Survey_zshift_final.txt
Survey_zshift.txt
Survey_reimport.txt
Aaaaaand you're done!