Overview of documentation for EMA processing (27.4.2010)

For general background see:
hoole_zierdt_oup_proofs.pdf

An earlier version of the documentation is in 5demaguide.pdf. This is now rather out of date, because it does not cover use of the kalman procedure as alternative approach to position calculation (but this means it could still give some guidelines when the procedures outlined below cannot be followed).

(1)
First steps with 5D coordinates and matlab
coordinate_exercise.pdf

(2)
Conversion and filtering of raw AG500 data
emaproc_2.pdf
do_filteramps_base.m

(3)
Getting started with position calculation
emaproc_3.pdf
do_kalman_base.m
do_do_comppos_base.m
do_tapad_ds_base.m

(4)
Amplitude Adjustment
emaproc_4.pdf
do_ampvsposamp_base.m
do_ampvsposampk_base.m
do_adjamps_base.m
do_adjampsk_base.m
do_tapad_full_base.m

(5)
Final steps
emaproc_5.pdf
do_velocityrepair_base.m
do_eucdist2pos.m
do_movesensor_base.m

(6)
Head movement correction
emaproc_head.pdf
do_makerefobj.m

(7)
Rigid body analysis
rigidbodynotes.pdf
do_rigidbodyana.m (not yet set up properly as a ‘_base’ script)