FOI

Approval of data distribution

With this document FOI approves the public release of a CARABAS-II VHF data set. The data set includes 24 magnitude-only SAR images of size 3000 x 2000 meter, 24 jpg images showing each image, Matlab routines for reading and displaying the data, ground truth files and documents describing the data and format.

A full list of the contents can be found in the appendix of this document.

Furthermore, FOI permits AFRL to freely distribute the data set and make it publicly available from the AFRL Sensor Data Management System (SDMS) website.

.....
Björn Larsson
Head of Department of Radar Systems

.....
Lena Klasén,
Head of Division of Sensor Technology

Appendix: Contents

The CD contains the four directories; documents, images, matlab_files and target_lists.

On the top level there is also one file called cd_cover.jpg which is an image of the CD cover.

documents

Documents describing the data and the Matlab routines distributed with the data.

contents.pdf
data_description.pdf
matlab_routines_description.pdf

images

24 CARABAS-II magnitude SAR images stored as IEEE floating point data and also one .jpg file for each image.

v02_2_1_1.a.Fbp.RFcorr.Geo.Magn	v02_2_1_1.a.Fbp.RFcorr.Geo.jpg
v02_2_2_1.a.Fbp.RFcorr.Geo.Magn	v02_2_2_1.a.Fbp.RFcorr.Geo.jpg
v02_2_3_1.a.Fbp.RFcorr.Geo.Magn	v02_2_3_1.a.Fbp.RFcorr.Geo.jpg
v02_2_4_1.a.Fbp.RFcorr.Geo.Magn	v02_2_4_1.a.Fbp.RFcorr.Geo.jpg
v02_2_5_1.a.Fbp.RFcorr.Geo.Magn	v02_2_5_1.a.Fbp.RFcorr.Geo.jpg
v02_2_6_1.a.Fbp.RFcorr.Geo.Magn	v02_2_6_1.a.Fbp.RFcorr.Geo.jpg
v02_3_1_2.a.Fbp.RFcorr.Geo.Magn	v02_3_1_2.a.Fbp.RFcorr.Geo.jpg
v02_3_2_1.a.Fbp.RFcorr.Geo.Magn	v02_3_2_1.a.Fbp.RFcorr.Geo.jpg
v02_3_3_1.a.Fbp.RFcorr.Geo.Magn	v02_3_3_1.a.Fbp.RFcorr.Geo.jpg
v02_3_4_1.a.Fbp.RFcorr.Geo.Magn	v02_3_4_1.a.Fbp.RFcorr.Geo.jpg
v02_3_5_2.a.Fbp.RFcorr.Geo.Magn	v02_3_5_2.a.Fbp.RFcorr.Geo.jpg
v02_3_6_1.a.Fbp.RFcorr.Geo.Magn	v02_3_6_1.a.Fbp.RFcorr.Geo.jpg
v02_4_1_1.a.Fbp.RFcorr.Geo.Magn	v02_4_1_1.a.Fbp.RFcorr.Geo.jpg
v02_4_2_1.a.Fbp.RFcorr.Geo.Magn	v02_4_2_1.a.Fbp.RFcorr.Geo.jpg
v02_4_3_1.a.Fbp.RFcorr.Geo.Magn	v02_4_3_1.a.Fbp.RFcorr.Geo.jpg
v02_4_4_1.a.Fbp.RFcorr.Geo.Magn	v02_4_4_1.a.Fbp.RFcorr.Geo.jpg
v02_4_5_1.a.Fbp.RFcorr.Geo.Magn	v02_4_5_1.a.Fbp.RFcorr.Geo.jpg
v02_4_6_1.a.Fbp.RFcorr.Geo.Magn	v02_4_6_1.a.Fbp.RFcorr.Geo.jpg
v02_5_1_1.a.Fbp.RFcorr.Geo.Magn	v02_5_1_1.a.Fbp.RFcorr.Geo.jpg
v02_5_2_1.a.Fbp.RFcorr.Geo.Magn	v02_5_2_1.a.Fbp.RFcorr.Geo.jpg
v02_5_3_1.a.Fbp.RFcorr.Geo.Magn	v02_5_3_1.a.Fbp.RFcorr.Geo.jpg
v02_5_4_1.a.Fbp.RFcorr.Geo.Magn	v02_5_4_1.a.Fbp.RFcorr.Geo.jpg
v02_5_5_1.a.Fbp.RFcorr.Geo.Magn	v02_5_5_1.a.Fbp.RFcorr.Geo.jpg
v02_5_6_1.a.Fbp.RFcorr.Geo.Magn	v02_5_6_1.a.Fbp.RFcorr.Geo.jpg

matlab_files

Matlab routines for reading and displaying the data.

VHF_display_image.m
VHF_get_image_info.m
VHF_get_mission_info.m
VHF_make_target_image.m
VHF_print_mission_info.m
VHF_read_image.m
VHF_read_target_list.m
VHF_show_marks.m

target_lists

Four .txt files with the target ground truth positions.

Adolf_Fredrik.Targets.txt
Fredrik.Targets.txt
Karl.Targets.txt
Sigismund.Targets.txt