

JPL EXPORT ADMINISTRATION DOCUMENT REVIEW RECORD

Log #: 12161-12180

(Note: This form and process do not replace the procedures described in JPL Policy relating to review and approval of proposals and contractual documents. This process is intended to document the review and coordination of requests to ascertain the export control ramifications relating to specific documents. Export Administration signature does not convey authority to export or release the "Exporter of Record" from any export laws or regulations.)

Program: ISSM: Ice Sheet System Model

Person Requesting or Initiating Export: Dr. Eric Larour

Date Received: Jun-1-2012

Document Title/Description: ISSM changes from revision 12161 to revision 12180

Release to: <http://issm.ess.uci.edu/svn/issm/issm/trunk> on ISSM svn repository

JPL Intranet: murdo.jpl.nasa.gov/proj/ice/larour/issm-uci/trunk-jpl

Disposition: 6 Does not contain export-controlled information. May be released/disclosed as requested subject to Company guidelines on protection of proprietary information (if applicable).

Comments: see table of changes below.

Reviewed by ISSM Export Transfer Liaison: Dr. Eric Larour **Date:** Jun-1-2012



JPL Export Administration Form TBS June 29, 2011

Disposition:

- 1: Public Domain Information (Ref ITAR Section 120.11)
- 2: Qualifies for ITAR Exemption
- 3: Covered by Department of State License/Agreement Number
- 4: Covered by Department of Commerce validated license or exception
- 5: New License Required
- 6: Does not contain export-controlled information. May be released/disclosed as requested subject to Company guidelines on protection of proprietary information (if applicable).
- 7: Other (specify)

Change #1 with diff file ISSM-12161-12162.diff:

Function name:

M /issm/trunk-jpl/etc/environment.csh M /issm/trunk-jpl/etc/environment.sh

M /issm/trunk-jpl/etc/environment_variables.csh M /issm/trunk-jpl/etc/environment_variables.sh

Export determination: 6.

Rationale: Changing ISSM_TIER to ISSM_DIR

Change #2 with diff file ISSM-12162-12163.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/runme.m

Export determination: 6.

Rationale: updating runme.m as ISSM_TIER does not exist anymore

Change #3 with diff file ISSM-12163-12164.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/runme.m

Export determination: 6.

Rationale: updating runme.m as ISSM_TIER does not exist anymore M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/modules/Krigingx A /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.cpp A /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.h M /issm/trunk-jpl/src/c/modules/modules.h A /issm/trunk-jpl/src/modules/Kriging A /issm/trunk-jpl/src/modules/Kriging/Kriging.cpp A /issm/trunk-jpl/src/modules/Kriging/Kriging.h M /issm/trunk-jpl/src/modules/matlab/Makefile.am Added Kriging module (empty for now)

Change #4 with diff file ISSM-12164-12165.diff:

Function name:

M /issm/trunk-jpl/src/c/Makefile.am A /issm/trunk-jpl/src/c/modules/Krigingx

A /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.cpp A /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.h

M /issm/trunk-jpl/src/c/modules/modules.h A /issm/trunk-jpl/src/modules/Kriging

A /issm/trunk-jpl/src/modules/Kriging/Kriging.cpp A /issm/trunk-jpl/src/modules/Kriging/Kriging.h

M /issm/trunk-jpl/src/modules/matlab/Makefile.am

Export determination: 6.

Rationale: Added Kriging module (empty for now) D /issm/trunk-jpl/src/m/Utils/ImageProcessing/gradient.p

D /issm/trunk-jpl/src/m/Utils/ImageProcessing/transp.m not needed anymore

Change #5 with diff file ISSM-12165-12166.diff:

Function name:

D /issm/trunk-jpl/src/m/Utils/ImageProcessing/gradient_perso.m D /issm/trunk-jpl/src/m/Utils/ImageProcessing/transp.m

Export determination: 6.

Rationale: not needed anymore M /issm/trunk-jpl/src/m/model/plot/applyoptions.m

M /issm/trunk-jpl/src/m/model/plot/plot_gridded.m colorbar ylims to get rid of white space at bottom of colorbar

Change #6 with diff file ISSM-12166-12167.diff:

Function name:

M /issm/trunk-jpl/src/m/model/plot/applyoptions.m M /issm/trunk-jpl/src/m/model/plot/plot_gridded.m

Export determination: 6.

Rationale: colorbar ylims to get rid of white space at bottom of colorbar

Change #7 with diff file ISSM-12168-12169.diff:

Function name:

M /issm/trunk-jpl/src/m/model/radarpower.m

Export determination: 6.

Rationale: Fixed radar image path

Change #8 with diff file ISSM-12169-12170.diff:

Function name:

M /issm/trunk-jpl/src/m/model/radarpower.m

Export determination: 6.

Rationale: Fixed radar image path M /issm/trunk-jpl/src/m/model/collapse.m minor

Change #9 with diff file ISSM-12170-12171.diff:

Function name:

M /issm/trunk-jpl/src/m/model/collapse.m

Export determination: 6.

Rationale: minor M /issm/trunk-jpl/configs/config-arm-linux.sh arm compilation without modules

Change #10 with diff file ISSM-12171-12172.diff:

Function name:

M /issm/trunk-jpl/configs/config-arm-linux.sh

Export determination: 6.

Rationale: arm compilation without modules M /issm/trunk-jpl/configs/config-arm-linux.sh M /issm/trunk-jpl/externalpackages/python/install.sh M /issm/trunk-jpl/m4/issm_options.m4 Modified ISSM_options.m4 and arm-linux-android-4.0 to better fit cross-compiling needs

Change #11 with diff file ISSM-12172-12173.diff:

Function name:

M /issm/trunk-jpl/configs/config-arm-linux.sh M /issm/trunk-jpl/externalpackages/python/install.sh

M /issm/trunk-jpl/m4/issm_options.m4

Export determination: 6.

Rationale: Modified ISSM_options.m4 and arm-linux-android-4.0 to better fit cross-compiling needs M /issm/trunk-jpl/src/m/model/partition/AreaAverageOntoPartition.m update variable name

Change #12 with diff file ISSM-12173-12174.diff:

Function name:

M /issm/trunk-jpl/src/m/model/partition/AreaAverageOntoPartition.m

Export determination: 6.

Rationale: update variable name M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.cpp

M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.h Final version of Kriging

(still not working)

Change #13 with diff file ISSM-12174-12175.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.cpp M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.h

Export determination: 6.

Rationale: Final version of Kriging (still not working) A /issm/trunk-jpl/configs/config-macosx64-helene.sh configuration file for mac

Change #14 with diff file ISSM-12175-12176.diff:

Function name:

A /issm/trunk-jpl/configs/config-macosx64-helene.sh

Export determination: 6.

Rationale: configuration file for mac M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.cpp Fixed issue in denominator

Change #15 with diff file ISSM-12176-12177.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.cpp

Export determination: 6.

Rationale: Fixed issue in denominator M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.cpp Added Gaussian covariance

Change #16 with diff file ISSM-12177-12178.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Krigingx/Krigingx.cpp

Export determination: 6.

Rationale: Added Gaussian covariance M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/etc/environment_variables.sh Export PYTHON STARTUP environment variable

Change #17 with diff file ISSM-12178-12179.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/etc/environment_variables.sh

Export determination: 6.

Rationale: Export PYTHON STARTUP environment variable D /issm/trunk-jpl/externalpackages/gsl/install-linux64-murdo.sh A /issm/trunk-jpl/externalpackages/gsl/install-linux64.sh (from /issm/trunk-jpl/externalpackages/gsl/install-linux64-murdo.sh:12163)
moved install-linux64-murdo.sh to install-linux64.sh (generic)

Change #18 with diff file ISSM-12179-12180.diff:

Function name:

D /issm/trunk-jpl/externalpackages/gsl/install-linux64-murdo.sh A /issm/trunk-jpl/externalpackages/gsl/install-linux64.sh (from /issm/trunk-jpl/externalpackages/gsl/install-linux64-murdo.sh:12163)

Export determination: 6.

Rationale: moved install-linux64-murdo.sh to install-linux64.sh (generic) A /issm/trunk-jpl/scripts/DownloadExternalPackage.py Added python script to download packages