

JPL EXPORT ADMINISTRATION DOCUMENT REVIEW RECORD

Log #: 12081-12100

(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 12081 to revision 12100

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-12081-12082.diff:

Function name:

M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.cpp

Export determination: 6.

Rationale: Reorganizing and adding assertion for safety M /issm/trunk-jpl/src/m/model/mesh/triangle.m converting to 'order' to bollean

Change #2 with diff file ISSM-12082-12083.diff:

Function name:

M /issm/trunk-jpl/src/m/model/mesh/triangle.m

Export determination: 6.

Rationale: converting to 'order' to bollean M /issm/trunk-jpl/externalpackages/android-sdk/install.sh Minor bug

Change #3 with diff file ISSM-12083-12084.diff:

Function name:

M /issm/trunk-jpl/externalpackages/android-sdk/install.sh

Export determination: 6.

Rationale: Minor bug M /issm/trunk-jpl/externalpackages/android-ndk/install.sh Minor bug

Change #4 with diff file ISSM-12084-12085.diff:

Function name:

M /issm/trunk-jpl/externalpackages/android-ndk/install.sh

Export determination: 6.

Rationale: Minor bug M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.cpp Fixed WriteData

Change #5 with diff file ISSM-12085-12086.diff:

Function name:

M /issm/trunk-jpl/src/modules/TriMeshProcessRifts/TriMeshProcessRifts.cpp

Export determination: 6.

Rationale: Fixed WriteData M /issm/trunk-jpl/src/c/shared/TriMesh/SplitMeshForRifts.cpp M /issm/trunk-jpl/src/c/shared/TriMesh/TriMeshUtils.cpp Fixed checks

Change #6 with diff file ISSM-12086-12087.diff:

Function name:

M /issm/trunk-jpl/src/c/shared/TriMesh/SplitMeshForRifts.cpp M /issm/trunk-jpl/src/c/shared/TriMesh/TriMeshUtils.cpp

Export determination: 6.

Rationale: Fixed checks M /issm/trunk-jpl/src/m/model/plot/plot_overlay.m
redblue is flipped in overlay

Change #7 with diff file ISSM-12087-12088.diff:

Function name:

M /issm/trunk-jpl/src/m/model/plot/plot_overlay.m

Export determination: 6.

Rationale: redblue is flipped in overlay M /issm/trunk-jpl/src/m/model/collapse.m

D /issm/trunk-jpl/src/m/model/mesh/meshnodensity.m D /issm/trunk-jpl/src/m/model/mesh/meshrefine.m

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

M /issm/trunk-jpl/src/m/utls/Exp/exptool.m never used (that's 2 modules less)

Change #8 with diff file ISSM-12088-12089.diff:

Function name:

M /issm/trunk-jpl/src/m/model/collapse.m D /issm/trunk-jpl/src/m/model/mesh/meshnodensity.m

D /issm/trunk-jpl/src/m/model/mesh/meshrefine.m M /issm/trunk-jpl/src/m/model/plot/applyoptions.m

M /issm/trunk-jpl/src/m/model/plot/plot_gridded.m M /issm/trunk-jpl/src/m/utls/Exp/exptool.m

Export determination: 6.

Rationale: never used (that's 2 modules less) M /issm/trunk-jpl/src/m/model/plot/applyoptions.m

M /issm/trunk-jpl/src/m/model/plot/plot_gridded.m reverted: to be implemented by Chris

Change #9 with diff file ISSM-12089-12090.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: reverted: to be implemented by Chris D /issm/trunk-jpl/src/modules/TriMeshNoDensity

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

Removed 2 modules never used

Change #10 with diff file ISSM-12090-12091.diff:

Function name:

D /issm/trunk-jpl/src/modules/TriMeshNoDensity D /issm/trunk-jpl/src/modules/TriMeshRefine

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

Export determination: 6.

Rationale: Removed 2 modules never used A /issm/trunk-jpl/configs/config-arm.sh ARM processors configuration file

Change #11 with diff file ISSM-12091-12092.diff:

Function name:
A /issm/trunk-jpl/configs/config-arm.sh
Export determination: 6.
Rationale: ARM processors configuration file M /issm/trunk-jpl/m4/issm_options.m4
commenting comments

Change #12 with diff file ISSM-12092-12093.diff:

Function name:
M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: commenting comments M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/modules/TriMeshRiftsx/TriMeshRiftsx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshRiftsx/TriMeshRiftsx.h M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.h M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineRead.cpp M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.cpp M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.h D /issm/trunk-jpl/src/modules/TriMeshRifts M /issm/trunk-jpl/src/modules/matlab/Makefile.am
Merging TriMesh and TriMeshRifts

Change #13 with diff file ISSM-12093-12094.diff:

Function name:
M /issm/trunk-jpl/src/c/Makefile.am M /issm/trunk-jpl/src/c/modules/TriMeshRiftsx/TriMeshRiftsx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshRiftsx/TriMeshRiftsx.h M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.h M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineRead.cpp M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.cpp M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.h D /issm/trunk-jpl/src/modules/TriMeshRifts M /issm/trunk-jpl/src/modules/matlab/Makefile.am
Export determination: 6.
Rationale: Merging TriMesh and TriMeshRifts M /issm/trunk-jpl/src/m/model/mesh/triangle.m
Merging TriMesh and TriMeshRifts

Change #14 with diff file ISSM-12094-12095.diff:

Function name:
M /issm/trunk-jpl/src/m/model/mesh/triangle.m
Export determination: 6.
Rationale: Merging TriMesh and TriMeshRifts D /issm/trunk-jpl/src/c/modules/TriMeshRiftsx
not needed anymore

Change #15 with diff file ISSM-12095-12096.diff:

Function name:
D /issm/trunk-jpl/src/c/modules/TriMeshRiftsx
Export determination: 6.
Rationale: not needed anymore M /issm/trunk-jpl/src/c/modules/modules.h
minor

Change #16 with diff file ISSM-12096-12097.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/modules.h
 Export determination: 6.
 Rationale: minor M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/etc/environment_variables.sh
 A /issm/trunk-jpl/externalpackages/android A /issm/trunk-jpl/externalpackages/android/android-emulators (from /issm/trunk-jpl/externalpackages/android-dev-dir/android-emulators:12095)
 A /issm/trunk-jpl/externalpackages/android/android-ndk (from /issm/trunk-jpl/externalpackages/android-ndk:12095) M /issm/trunk-jpl/externalpackages/android/android-ndk/install.sh A /issm/trunk-jpl/externalpackages/android/android-sdk (from /issm/trunk-jpl/externalpackages/android-sdk:12095) M /issm/trunk-jpl/externalpackages/android/android-sdk/install.sh D /issm/trunk-jpl/externalpackages/android-dev-dir D /issm/trunk-jpl/externalpackages/android-ndk D /issm/trunk-jpl/externalpackages/android-sdk Modification to environment variables and file strucutre of Android.

Change #17 with diff file ISSM-12097-12098.diff:

Function name:

M /issm/trunk-jpl/etc/environment.sh M /issm/trunk-jpl/etc/environment_variables.sh
 A /issm/trunk-jpl/externalpackages/android A /issm/trunk-jpl/externalpackages/android/android-emulators (from /issm/trunk-jpl/externalpackages/android-dev-dir/android-emulators:12095)
 A /issm/trunk-jpl/externalpackages/android/android-ndk (from /issm/trunk-jpl/externalpackages/android-ndk:12095) M /issm/trunk-jpl/externalpackages/android/android-ndk/install.sh A /issm/trunk-jpl/externalpackages/android/android-sdk (from /issm/trunk-jpl/externalpackages/android-sdk:12095) M /issm/trunk-jpl/externalpackages/android/android-sdk/install.sh D /issm/trunk-jpl/externalpackages/android-dev-dir D /issm/trunk-jpl/externalpackages/android-ndk D /issm/trunk-jpl/externalpackages/android-sdk

Export determination: 6.

Rationale: Modification to environment variables and file strucutre of Android.

M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineRead.cpp
 M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineWrite.cpp M /issm/trunk-jpl/src/c/shared/Exp/exp.h M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.cpp
 Removed 'whole' option of DomainOutlineRead (missleading)

Change #18 with diff file ISSM-12098-12099.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/Exp2Kmlx/Exp2Kmlx.cpp M /issm/trunk-jpl/src/c/modules/TriMeshx/TriMeshx.cpp M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineRead.cpp
 M /issm/trunk-jpl/src/c/shared/Exp/DomainOutlineWrite.cpp M /issm/trunk-jpl/src/c/shared/Exp/exp.h M /issm/trunk-jpl/src/modules/TriMesh/TriMesh.cpp

Export determination: 6.

Rationale: Removed 'whole' option of DomainOutlineRead (missleading) M /issm/trunk-jpl/src/dox/issm.dox updated code stats

Change #19 with diff file ISSM-12099-12100.diff:

Function name:

M /issm/trunk-jpl/src/dox/issm.dox

Export determination: 6.

Rationale: updated code stats M /issm/trunk-jpl/test/NightlyRun/test448.m

M /issm/trunk-jpl/test/NightlyRun/test450.m M /issm/trunk-jpl/test/NightlyRun/test452.m

no more serial solution