

JPL EXPORT ADMINISTRATION DOCUMENT REVIEW RECORD
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Log #: 11918-11930

(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:** Apr-16-2012

**Document Title/Description:** ISSM changes from revision 11918 to revision 11930

**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](http://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:** Apr-16-2012



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)

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**Change #1** with diff file ISSM-11918-11919.diff:

Function name:

M /issm/trunk-jpl/src/c/include/macros.h M /issm/trunk-jpl/src/c/modules/InterpFromMeshToGridx/Interp

Export determination: 6.

Rationale: Less verbose in interpolation, and added email address for bug report in `_assert_` M /issm/trunk-jpl/cron/nightlyrun.sh add from address for win7 mailings

**Change #2** with diff file ISSM-11919-11920.diff:

Function name:

M /issm/trunk-jpl/cron/nightlyrun.sh

Export determination: 6.

Rationale: add from address for win7 mailings M /issm/trunk-jpl/src/c/objects/Numerics/Vector.cpp  
Fixed memory leak

**Change #3** with diff file ISSM-11920-11921.diff:

Function name:

M /issm/trunk-jpl/src/c/objects/Numerics/Vector.cpp

Export determination: 6.

Rationale: Fixed memory leak M /issm/trunk-jpl/src/c/solutions/convergence.cpp  
use `xdelete` instead of `delete`

**Change #4** with diff file ISSM-11921-11922.diff:

Function name:

M /issm/trunk-jpl/src/c/solutions/convergence.cpp

Export determination: 6.

Rationale: use `xdelete` instead of `delete` M /issm/trunk-jpl/src/c/modules/OutputResultsx/OutputResultsx.cpp  
Fixed Segfault

**Change #5** with diff file ISSM-11922-11923.diff:

Function name:

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

Export determination: 6.

Rationale: Fixed Segfault M /issm/trunk-jpl/src/c/modules/ParsePetscOptionsx/ParsePetscOptionsx.cpp

Added check to avoid Segfault

**Change #6** with diff file ISSM-11923-11924.diff:

Function name:

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

Export determination: 6.

Rationale: Added check to avoid Segfault M /issm/trunk-jpl/src/m/classes/diagnostic.m

M /issm/trunk-jpl/src/m/classes/initialization.m M /issm/trunk-jpl/src/m/classes/qmu.m

M /issm/trunk-jpl/src/m/classes/rifts.m M /issm/trunk-jpl/src/m/classes/solver.m

M /issm/trunk-jpl/src/m/classes/steadystate.m Added check for md.solver

**Change #7** with diff file ISSM-11924-11925.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/diagnostic.m M /issm/trunk-jpl/src/m/classes/initialization.m

M /issm/trunk-jpl/src/m/classes/qmu.m M /issm/trunk-jpl/src/m/classes/rifts.m

M /issm/trunk-jpl/src/m/classes/solver.m M /issm/trunk-jpl/src/m/classes/steadystate.m

Export determination: 6.

Rationale: Added check for md.solver M /issm/trunk-jpl/externalpackages/android-sdk/install.sh Modifications to android-sdk's install.sh

**Change #8** with diff file ISSM-11925-11926.diff:

Function name:

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

Export determination: 6.

Rationale: Modifications to android-sdk's install.sh M /issm/trunk-jpl/externalpackages/windows/InstallInstructions.txt update sendmail links

**Change #9** with diff file ISSM-11926-11927.diff:

Function name:

M /issm/trunk-jpl/externalpackages/windows/InstallInstructions.txt

Export determination: 6.

Rationale: update sendmail links M /issm/trunk-jpl/test/NightlyRun A /issm/trunk-jpl/test/NightlyRun/test101.py test101 python, prototype

**Change #10** with diff file ISSM-11927-11928.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun A /issm/trunk-jpl/test/NightlyRun/test101.py

Export determination: 6.

Rationale: test101 python, prototype M /issm/trunk-jpl/etc/environment.sh

Added python path to mex LD\_LIBRARY\_PATH

**Change #11** with diff file ISSM-11928-11929.diff:

Function name:

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

Export determination: 6.

Rationale: Added python path to mex LD\_LIBRARY\_PATH M /issm/trunk-

jpl/aux-config Ignore certain files

**Change #12** with diff file ISSM-11929-11930.diff:

Function name:

M /issm/trunk-jpl/aux-config

Export determination: 6.

Rationale: Ignore certain files M /issm/trunk-jpl/startup.py More imports