

JPL EXPORT ADMINISTRATION DOCUMENT REVIEW RECORD

Log #: 11510-11530

(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 11510 to revision 11530

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:** 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)

Change #1 with diff file ISSM-11510-11511.diff:

Function name:

A /issm/trunk-jpl/src/c/modules/PositiveDegreeDayx A /issm/trunk-jpl/src/c/modules/PositiveDegreeDayx

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

/issm/trunk-jpl/src/c/solutions/controltao_core.cpp

Export determination: 6.

Rationale: Forgot to commit the module: M /issm/trunk-jpl/m4/issm_options.m4

mexversion not needed

Change #2 with diff file ISSM-11511-11512.diff:

Function name:

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

Export determination: 6.

Rationale: mexversion not needed M /issm/trunk-jpl/src/c/solutions/controltao_core.cpp

Better TaoMonitor

Change #3 with diff file ISSM-11512-11513.diff:

Function name:

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

Export determination: 6.

Rationale: Better TaoMonitor M /issm/trunk-jpl/src/c/solutions/controltao_core.cpp

Fixed TAO Monitor for parallel runs

Change #4 with diff file ISSM-11513-11514.diff:

Function name:

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

Export determination: 6.

Rationale: Fixed TAO Monitor for parallel runs

Change #5 with diff file ISSM-11516-11517.diff:

Function name:

A /issm/trunk-jpl/externalpackages/win7/sdk7.1.32bits.sh A /issm/trunk-jpl/externalpackages/win7/sdk7.1.6

D /issm/trunk-jpl/externalpackages/win7/sdk7.1.sh

Export determination: 6.

Rationale: New 32 and 64 bits sdk environment files

Change #6 with diff file ISSM-11517-11518.diff:

Function name:

A /issm/trunk-jpl/externalpackages/win7/sdk7.1.32bits.sh A /issm/trunk-jpl/externalpackages/win7/sdk7.1.6

D /issm/trunk-jpl/externalpackages/win7/sdk7.1.sh

Export determination: 6.

Rationale: New 32 and 64 bits sdk environment files D /issm/trunk-jpl/installers/win7/ISSM.aic

Never needed

Change #7 with diff file ISSM-11518-11519.diff:

Function name:

D /issm/trunk-jpl/installers/win7/ISSM.aic

Export determination: 6.

Rationale: Never needed M /issm/trunk-jpl/installers/win7/ISSM.initial.aip M

/issm/trunk-jpl/installers/win7/aic.sh Now handles 32 and 64 bits. Picks up scripts directly, instead of through bin

Change #8 with diff file ISSM-11519-11520.diff:

Function name:

M /issm/trunk-jpl/installers/win7/ISSM.initial.aip M /issm/trunk-jpl/installers/win7/aic.sh

Export determination: 6.

Rationale: Now handles 32 and 64 bits. Picks up scripts directly, instead of through bin M /issm/trunk-jpl/bin Ignoring mexw32 mex files

Change #9 with diff file ISSM-11520-11521.diff:

Function name:

M /issm/trunk-jpl/bin

Export determination: 6.

Rationale: Ignoring mexw32 mex files M /issm/trunk-jpl/src/mex Ignoring mexw32 byproducts

Change #10 with diff file ISSM-11521-11522.diff:

Function name:

M /issm/trunk-jpl/src/mex

Export determination: 6.

Rationale: Ignoring mexw32 byproducts M /issm/trunk-jpl/src/m M /issm/trunk-jpl/src/m/classes M /issm/trunk-jpl/src/m/classes/@modellist M /issm/trunk-jpl/src/m/classes/@pairoptions M /issm/trunk-jpl/src/m/classes/clusters M /issm/trunk-jpl/src/m/classes/model M /issm/trunk-jpl/src/m/enum M /issm/trunk-jpl/src/m/kml M /issm/trunk-jpl/src/m/model M /issm/trunk-jpl/src/m/model/display M /issm/trunk-jpl/src/m/model/mesh M /issm/trunk-jpl/src/m/model/parameterization M /issm/trunk-jpl/src/m/model/partition M /issm/trunk-jpl/src/m/model/plot M /issm/trunk-jpl/src/m/model/solvers M /issm/trunk-jpl/src/m/planet M /issm/trunk-jpl/src/m/qmu M /issm/trunk-jpl/src/m/shared M /issm/trunk-jpl/src/m/solutions M /issm/trunk-jpl/src/m/solvers M /issm/trunk-jpl/src/m/Utils M /issm/trunk-jpl/src/m/Utils/Analysis

M /issm/trunk-jpl/src/m/Utils/Array M /issm/trunk-jpl/src/m/Utils/BC M /issm/trunk-jpl/src/m/Utils/Basins M /issm/trunk-jpl/src/m/Utils/Cluster M /issm/trunk-jpl/src/m/Utils/DataProcessing M /issm/trunk-jpl/src/m/Utils/Ecco3 M /issm/trunk-jpl/src/m/Utils/Exp M /issm/trunk-jpl/src/m/Utils/Geometry M /issm/trunk-jpl/src/m/Utils/ImageProcessing M /issm/trunk-jpl/src/m/Utils/Interp M /issm/trunk-jpl/src/m/Utils/Kml M /issm/trunk-jpl/src/m/Utils/LatLong M /issm/trunk-jpl/src/m/Utils/Math M /issm/trunk-jpl/src/m/Utils/Meca M /issm/trunk-jpl/src/m/Utils/Mesh M /issm/trunk-jpl/src/m/Utils/Miscellaneous M /issm/trunk-jpl/src/m/Utils/Model M /issm/trunk-jpl/src/m/Utils/Numerics M /issm/trunk-jpl/src/m/Utils/OS M /issm/trunk-jpl/src/m/Utils/Plot M /issm/trunk-jpl/src/m/Utils/Shell M /issm/trunk-jpl/src/m/Utils/String M /issm/trunk-jpl/src/m/Utils/consistency M /issm/trunk-jpl/src/m/Utils/qmu Ignoring Makefile

Change #11 with diff file ISSM-11522-11523.diff:

Function name:

M /issm/trunk-jpl/src/m M /issm/trunk-jpl/src/m/classes M /issm/trunk-jpl/src/m/classes/@modellist M /issm/trunk-jpl/src/m/classes/@pairoptions M /issm/trunk-jpl/src/m/classes/clusters M /issm/trunk-jpl/src/m/classes/model M /issm/trunk-jpl/src/m/enum M /issm/trunk-jpl/src/m/kml M /issm/trunk-jpl/src/m/model M /issm/trunk-jpl/src/m/model/display M /issm/trunk-jpl/src/m/model/mesh M /issm/trunk-jpl/src/m/model/parameterization M /issm/trunk-jpl/src/m/model/partition M /issm/trunk-jpl/src/m/model/plot M /issm/trunk-jpl/src/m/model/solvers M /issm/trunk-jpl/src/m/planet M /issm/trunk-jpl/src/m/qmu M /issm/trunk-jpl/src/m/shared M /issm/trunk-jpl/src/m/solutions M /issm/trunk-jpl/src/m/solvers M /issm/trunk-jpl/src/m/Utils M /issm/trunk-jpl/src/m/Utils/Analysis M /issm/trunk-jpl/src/m/Utils/Array M /issm/trunk-jpl/src/m/Utils/BC M /issm/trunk-jpl/src/m/Utils/Basins M /issm/trunk-jpl/src/m/Utils/Cluster M /issm/trunk-jpl/src/m/Utils/DataProcessing M /issm/trunk-jpl/src/m/Utils/Ecco3 M /issm/trunk-jpl/src/m/Utils/Exp M /issm/trunk-jpl/src/m/Utils/Geometry M /issm/trunk-jpl/src/m/Utils/ImageProcessing M /issm/trunk-jpl/src/m/Utils/Interp M /issm/trunk-jpl/src/m/Utils/Kml M /issm/trunk-jpl/src/m/Utils/LatLong M /issm/trunk-jpl/src/m/Utils/Math M /issm/trunk-jpl/src/m/Utils/Meca M /issm/trunk-jpl/src/m/Utils/Mesh M /issm/trunk-jpl/src/m/Utils/Miscellaneous M /issm/trunk-jpl/src/m/Utils/Model M /issm/trunk-jpl/src/m/Utils/Numerics M /issm/trunk-jpl/src/m/Utils/OS M /issm/trunk-jpl/src/m/Utils/Plot M /issm/trunk-jpl/src/m/Utils/Shell M /issm/trunk-jpl/src/m/Utils/String M /issm/trunk-jpl/src/m/Utils/consistency M /issm/trunk-jpl/src/m/Utils/qmu

Export determination: 6.

Rationale: Ignoring Makefile A /issm/trunk-jpl/configs/config-win7-32.sh A /issm/trunk-jpl/configs/config-win7-64.sh D /issm/trunk-jpl/configs/config-win7.sh M /issm/trunk-jpl/m4/issm_options.m4 vendor m4 macros needed to determine whether we are running 32 or 64 bits Matlab. Also need two differentiated win7 configuration files.

Change #12 with diff file ISSM-11523-11524.diff:

Function name:

A /issm/trunk-jpl/configs/config-win7-32.sh A /issm/trunk-jpl/configs/config-

win7-64.sh D /issm/trunk-jpl/configs/config-win7.sh M /issm/trunk-jpl/m4/issm_options.m4
Export determination: 6.
Rationale: vendor m4 macros needed to determine whether we are running 32
or 64 bits Matlab. Also need two differentiated win7 configuration files.

Change #13 with diff file ISSM-11524-11525.diff:

Function name:

M /issm/trunk-jpl M /issm/trunk-jpl/NEWS M /issm/trunk-jpl/README M
/issm/trunk-jpl/externalpackages/mpich2/install-1.4-macosx32.sh M /issm/trunk-
jpl/src/c/Container/Elements.cpp M /issm/trunk-jpl/src/m/classes/inversion.m
M /issm/trunk-jpl/src/m/utis/OS/issmscpin.m

Export determination: 6.

Rationale: merged trunk and trunk-jpl

Change #14 with diff file ISSM-11525-11526.diff:

Function name:

M /issm/trunk-jpl M /issm/trunk-jpl/NEWS M /issm/trunk-jpl/README M
/issm/trunk-jpl/externalpackages/mpich2/install-1.4-macosx32.sh M /issm/trunk-
jpl/src/c/Container/Elements.cpp M /issm/trunk-jpl/src/m/classes/inversion.m
M /issm/trunk-jpl/src/m/utis/OS/issmscpin.m

Export determination: 6.

Rationale: merged trunk and trunk-jpl

Change #15 with diff file ISSM-11527-11528.diff:

Function name:

M /issm/trunk-jpl

Export determination: 6.

Rationale: Block revision 11527 from being merged into trunk-jpl

Change #16 with diff file ISSM-11528-11529.diff:

Function name:

M /issm/trunk-jpl

Export determination: 6.

Rationale: Block revision 11527 from being merged into trunk-jpl M /issm/trunk-
jpl/src/m/classes/surfaceforcings.m Precipitations actually in m/y of water equiv-
alent

Change #17 with diff file ISSM-11529-11530.diff:

Function name:

M /issm/trunk-jpl/src/m/classes/surfaceforcings.m

Export determination: 6.

Rationale: Precipitations actually in m/y of water equivalent D /issm/trunk-
jpl/externalpackages/intel Wrong approach to setting the windows compilers