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| JPL EXPORT ADMINISTRATION DOCUMENT REVIEW RECORD |
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Log #: 11600-11617

(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 11600 to revision 11617

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-11600-11601.diff:

Function name:

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

Export determination: 6.

Rationale: Change in DakotaLib only for macs M /issm/trunk-jpl/cron/configs/macosex64_schlegel change name of config file

Change #2 with diff file ISSM-11601-11602.diff:

Function name:

M /issm/trunk-jpl/cron/configs/macosex64_schlegel

Export determination: 6.

Rationale: change name of config file D /issm/trunk-jpl/configs/config-macosx64-imac.sh A /issm/trunk-jpl/configs/config-macosx64-nicole.sh (from /issm/trunk-jpl/configs/config-macosx64-imac.sh:11597) change config name

Change #3 with diff file ISSM-11602-11603.diff:

Function name:

D /issm/trunk-jpl/configs/config-macosx64-imac.sh A /issm/trunk-jpl/configs/config-macosx64-nicole.sh (from /issm/trunk-jpl/configs/config-macosx64-imac.sh:11597)

Export determination: 6.

Rationale: change config name M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.cpp M /issm/trunk-jpl/src/c/solutions/steadystate_core.cpp M /issm/trunk-jpl/src/m/solutions/steadystate_core.m fixed problem caused by steady state enthalpy

Change #4 with diff file ISSM-11603-11604.diff:

Function name:

M /issm/trunk-jpl/src/c/modules/ModelProcessorx/ModelProcessorx.cpp M /issm/trunk-jpl/src/c/solutions/steadystate_core.cpp M /issm/trunk-jpl/src/m/solutions/steadystate_core.m

Export determination: 6.

Rationale: fixed problem caused by steady state enthalpy M /issm/trunk-jpl/test/Archives/Archive461.mat M /issm/trunk-jpl/test/Archives/Archive462.mat M /issm/trunk-jpl/test/Archives/Archive463.mat M /issm/trunk-jpl/test/Archives/Archive464.mat M /issm/trunk-jpl/test/NightlyRun/test461.m M /issm/trunk-jpl/test/NightlyRun/test462.m M /issm/trunk-jpl/test/NightlyRun/test463.m M /issm/trunk-jpl/test/NightlyRun/test464.m

updated archives enthalpy (mission enthalpy and waterfraction vectors in solution)

Change #5 with diff file ISSM-11604-11605.diff:

Function name:

M /issm/trunk-jpl/test/Archives/Archive461.mat M /issm/trunk-jpl/test/Archives/Archive462.mat
M /issm/trunk-jpl/test/Archives/Archive463.mat M /issm/trunk-jpl/test/Archives/Archive464.mat
M /issm/trunk-jpl/test/NightlyRun/test461.m M /issm/trunk-jpl/test/NightlyRun/test462.m
M /issm/trunk-jpl/test/NightlyRun/test463.m M /issm/trunk-jpl/test/NightlyRun/test464.m

Export determination: 6.

Rationale: updated archives enthalpy (mission enthalpy and waterfraction vectors in solution) M /issm/trunk-jpl/cron/configs/macosex64_schlegel new config file for macs

Change #6 with diff file ISSM-11605-11606.diff:

Function name:

M /issm/trunk-jpl/cron/configs/macosex64_schlegel

Export determination: 6.

Rationale: new config file for macs A /issm/trunk-jpl/externalpackages/chaco/chaco_njs_notes.txt
note to add link for malloc on macs

Change #7 with diff file ISSM-11606-11607.diff:

Function name:

A /issm/trunk-jpl/externalpackages/chaco/chaco_njs_notes.txt

Export determination: 6.

Rationale: note to add link for malloc on macs M /issm/trunk-jpl/src/m/solutions/steadystate_core.m
minor, confused BasalforcingsMeltingRateEnum and WaterfractionEnum

Change #8 with diff file ISSM-11607-11608.diff:

Function name:

M /issm/trunk-jpl/src/m/solutions/steadystate_core.m

Export determination: 6.

Rationale: minor, confused BasalforcingsMeltingRateEnum and WaterfractionEnum M /issm/trunk-jpl/src/m/model/collapse.m Added collapse of some fields

Change #9 with diff file ISSM-11608-11609.diff:

Function name:

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

Export determination: 6.

Rationale: Added collapse of some fields M /issm/trunk-jpl/test/NightlyRun/test463.m
M /issm/trunk-jpl/test/NightlyRun/test464.m tolerances new tests

Change #10 with diff file ISSM-11609-11610.diff:

Function name:

M /issm/trunk-jpl/test/NightlyRun/test463.m M /issm/trunk-jpl/test/NightlyRun/test464.m

Export determination: 6.
Rationale: tolerances new tests M /issm/trunk-jpl/cron/nightlyrun.sh update
install.sh script in matlab directory

Change #11 with diff file ISSM-11610-11611.diff:
Function name:
M /issm/trunk-jpl/cron/nightlyrun.sh
Export determination: 6.
Rationale: update install.sh script in matlab directory M /issm/trunk-jpl/cron/configs/macosex64_schlegel
fix matlab path

Change #12 with diff file ISSM-11611-11612.diff:
Function name:
M /issm/trunk-jpl/cron/configs/macosex64_schlegel
Export determination: 6.
Rationale: fix matlab path M /issm/trunk-jpl/cron/cronfiles/mac_cronfile cor-
rect install files

Change #13 with diff file ISSM-11612-11613.diff:
Function name:
M /issm/trunk-jpl/cron/cronfiles/mac_cronfile
Export determination: 6.
Rationale: correct install files M /issm/trunk-jpl/cron/cronfiles/mac_cronfile
add all names for e-mail

Change #14 with diff file ISSM-11613-11614.diff:
Function name:
M /issm/trunk-jpl/cron/cronfiles/mac_cronfile
Export determination: 6.
Rationale: add all names for e-mail M /issm/trunk-jpl/cron/configs/macosex64_schlegel
all install files called

Change #15 with diff file ISSM-11614-11615.diff:
Function name:
M /issm/trunk-jpl/cron/configs/macosex64_schlegel
Export determination: 6.
Rationale: all install files called

Change #16 with diff file ISSM-11615-11616.diff:
Function name:
M /issm/trunk-jpl/cron/cronfiles/mac_cronfile
Export determination: 6.
Rationale: add path

Change #17 with diff file ISSM-11616-11617.diff:
Function name:

M /issm/trunk-jpl/cron/cronfiles/mac_cronfile

Export determination: 6.

Rationale: add path M /issm/trunk-jpl/cron/cronfiles/mac_cronfile add emails