NASA Procedural Requirements

COMPLIANCE IS MANDATORY

NPR 2190.1
Effective Date: April 10, 2003
Expiration Date: April 10, 2013

Printable Format (PDF)

Request Notification of Change (NASA Only)

Subject: NASA Export Control Program - Revalidated w/changes February 1, 2007

Responsible Office: Office of External Relations

| TOC | Preface | Change History | Chp1 | Chp2 | Chp3 | Chp4 | Chp5 | Chp6 | Chp7 | Chp8 | AppdxA | AppdxB | ALL |

APPENDIX B. Technology Transfer Control Plan (TTCP)

Name of Project:Extreme X-ray Probe of Radiation Traits (EXPORT)

Implementing Contractor(s):

Caltech/JPL

Export-Controlled Items (i.e., Technologies, Software, or Hardware) Involved in Project:

1. Space-qualified cryocoolers, USML Category XV(e)
2. Blueprints and Operator's manual for space-qualified cryocoolers, USML Category XV(f)
3. Software source code and object code for operation of space-qualified cryocoolers, USML Category XV(f)
4. Laser diagnostic equipment, CCL ECCN 6A005
5. Blueprints and Operator's Manual for laser diagnostic equipment, CCL ECCN 6E001 and 6E201

Foreign National Participants in Project:

1. Andreas Wilk (ESA, Germany)
2. Jean-Max Gross (CNES, France)
3. Diana Marx (ASI, Italy)

Export-Controlled Items Which NASA is Required to Provide to Above-Listed Foreign Nationals per Governing Agreement or Contract:

Name of Agreement:NASA-ESA EXPORT MOU, signed February 29, 2000

1. Permanent export; will be integrated onto ESA's EXPORT spacecraft
2. Operator's manual for space-qualified cryocoolers, USML Category XV(f) - *Temporary export*
3. Software object code for operation of space-qualified cryocoolers, USML Category XV(f) - *Permanent export*
4. Laser diagnostic equipment, CCL ECCN 6A005 - *Temporary export*

5. Operator's Manual for laser diagnostic equipment, CCL ECCN 6E201 - *Temporary export*

Means of Export or Transfer:

1. NASA will need to obtain an export license from the Department of State for the export of the cryocoolers to ESA's offices in Noordwijk, the Netherlands. IVL application should be made no later than September 1, 2003; export required by April 1, 2004; launch October 31, 2004.

2. NASA will direct JPL, via Task Order, to export the cryocooler operator's manual to the Netherlands, under ITAR Exemption 125.4(b)(3); the manual must be marked as export-controlled, with notice against retransfer, as required by the MOU.

3. Likewise, NASA will direct JPL, via Task Order, to export the operation code for the cryocooler to the Netherlands, under ITAR Exemption 125.4(b)(3); the code must also be marked as export-controlled, with notice against retransfer, as required by the MOU.

4. Neither NASA nor JPL requires an IVL to export the laser diagnostic equipment to the Netherlands; the equipment will be exported under "NLR," but must be identified in air waybills and other shipping documents as export-controlled, with notice against retransfer, as required by the MOU.

5.Neither NASA nor JPL requires an IVL to export the operator's manual for the laser diagnostic equipment to the Netherlands; the manual will be exported under "NLR," but must be marked as export-controlled, with notice against retransfer, as required by the MOU.

Approved:

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Project Manager or Designee

Reviewed:

_____

Center Export Administrator or Designee

| TOC | Preface | Change History | Chp1 | Chp2 | Chp3 | Chp4 | Chp5 | Chp6 | Chp7 | Chp8 | AppdxA | AppdxB | ALL |

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