


APPROVED					
	<p>Signature</p> <p style="font-size: 1.5em; font-weight: bold;">Jonathan M Dennis</p> <p style="font-size: 0.8em;">Digitally signed by Jonathan M Dennis DN: c=US, o=DST ACES Business Representative, ou=PM DDTC, cn=Jonathan M Dennis, o.9.2342.19200300.100.1.1=A01096A00000132B0349A0F000042BD Date: 2013.06.14 10:23:12 -04'00'</p> <p style="text-align: center; font-size: 0.8em;">(For DTC Use Only)</p>		<p>Date Issued : 06/14/2013</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>License No: 050450874</p> </td> <td style="width: 50%; padding: 5px;"> <p>License Valid For 48 Months From Above Date</p> </td> </tr> </table>	<p>License No: 050450874</p>	<p>License Valid For 48 Months From Above Date</p>
<p>License No: 050450874</p>	<p>License Valid For 48 Months From Above Date</p>				
<p>License is hereby granted to the applicant for the described commodity to be permanently exported from the United States. This license may be revoked, suspended or amended by the Secretary of State without prior notice whenever the Secretary deems such action advisable.</p>					
<p>UNITED STATES OF AMERICA DEPARTMENT OF STATE</p> <p>APPLICATION/LICENSE FOR PERMANENT EXPORT OF UNCLASSIFIED</p> <p>DEFENSE ARTICLES AND RELATED UNCLASSIFIED TECHNICAL DATA</p>					
<p>1. Date Prepared</p>	<p>2. PM/DDTC Applicant/Registrant Code</p>	<p>3. Country of Ultimate Destination</p>	<p>4. Probable Port of Exit from U.S.</p>		
04/25/2013		NETHERLANDS (THE)	New York, NY; Jamaica, NY		
<p>5. Applicant's Name, Address, ZIP Code, Telephone Number</p> <p>Applicant Type: Exporter Mecanex USA, Incorporated</p> <p>Attention: Patricia Saglimbeni</p> <p>119 WHITE OAK DRIVE BERLIN, CT 06037 860-828-6531 ext. 309</p>					
<p>6. Name, agency and telephone of U.S. Government personnel (not PM/DDTC) familiar with the commodity.</p>					
<p>7. Name and telephone numbers of applicant contact if U.S. Government needs additional information.</p>					
<p>8. Description of Transaction:</p> <p>A. This application represents ONLY completely new shipment</p>					

B. This Application has related license no(s)

__was licensed to the country in Block 3 of the first page under license no(s)

☒ was licensed to other countries under license no (s).

050421425, 050405208

__was returned without action under voided license no (s).

__was denied to the country in Block 3 of the first page under voided license(s)

C. This Application is in reference to agreement no(s)

D. If the commodity is being financed under:

☒ Not Applicable

__Foreign Military Sale

__Foreign Military Financing

__Grant Aid Program

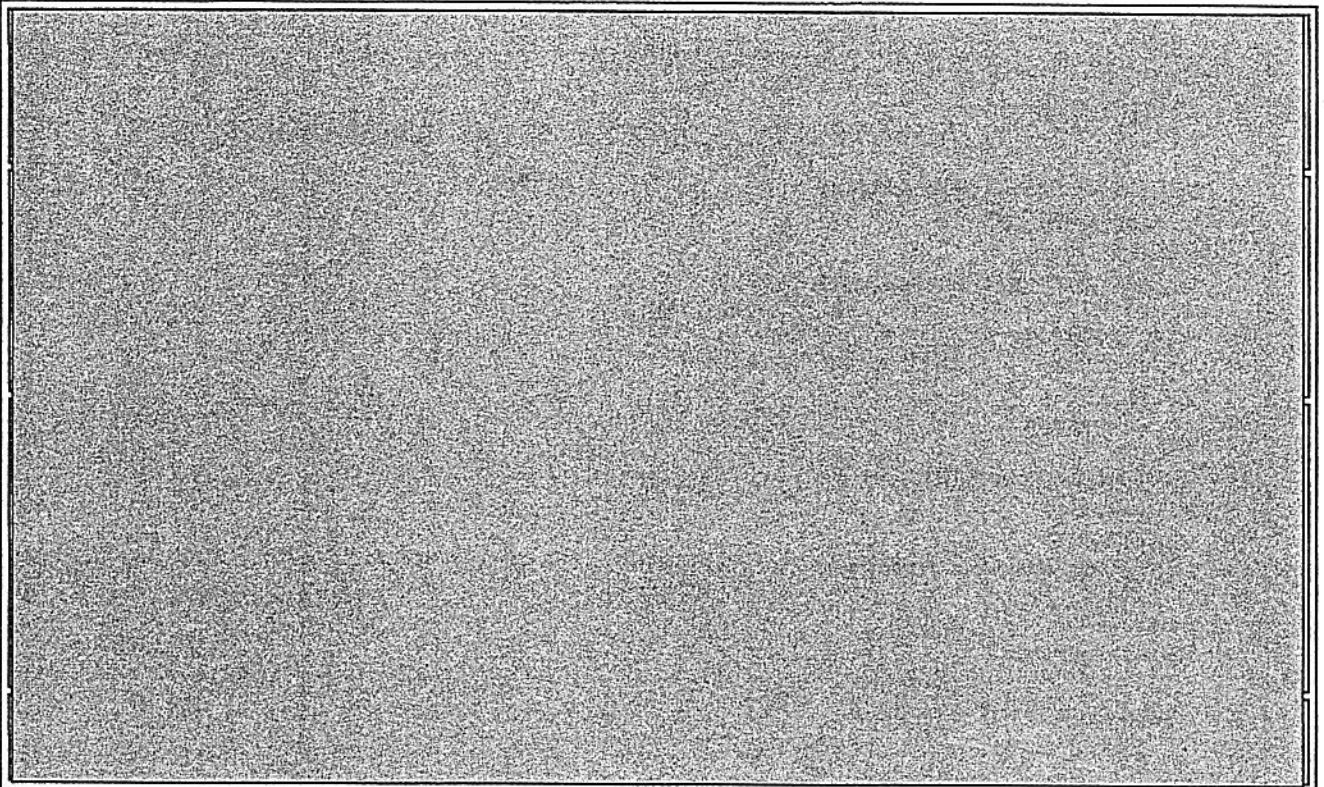
E. Defense Trade Controls Compliance

This application is related to a disclosure filed with Defense Trade Controls Compliance ☒ No __ Yes

Item #	9. Quantity	10. Commodity	11. USML Category Number	12. \$ Value

7	Quantity : 34 Unit Type : Number	Radiation Hardened Precision, High Speed, JFET Input Operational Amplifier RH1056AMW FP-10 Defense Article Type : Hardware	XV(d) Is a DSP-83 attached? No	
8	Quantity : 1 Unit Type : Packs, Packets	Technical Report (Data Pack) for Radiation Hardened Precision, High Speed, JFET Input Operational Amplifier Defense Article Type : Technical Data	XV(f) Is a DSP-83 attached? No	

13	Quantity : 86 Unit Type : Number	Radiation Hardened 10MHz, 6V/ μ s, Dual Rail-to-Rail Input and Output Precision C-Load Operational Amplifiers RH1498MW FP-10 Defense Article Type : Hardware	XV(d) Is a DSP-83 attached? No	
14	Quantity : 1 Unit Type : Packs, Packets	Technical Report (Data Pack) for 10MHz, 6V/ μ s, Dual Rail-to-Rail Input and Output Precision C-Load Operational Amplifiers Defense Article Type : Technical Data	XV(f) Is a DSP-83 attached? No	

**14. Name and address of foreign end-user**

ESA-European Space Agency
Keperlaan 1; Postbus 299
2200 AG Noordwijk
NL

15. Manufacturer of Commodity

Linear Technology
1630 McCarthy Blvd.
Milpitas, CA 95035 US

Linear Technology
720 Sycamore Dr.
Milpitas, CA 95035 US

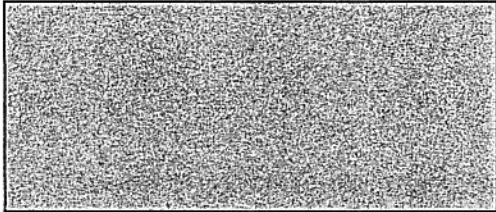
16. Name and address of foreign consignee

Alter Technology Tuv Nord S.A.U.

C/ Tomas Alba Edison 4; PCT Cartuja 93

41092 Sevilla

SP

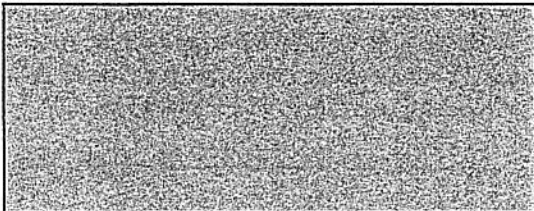


ESTEC

Keplerlaan 1

2200 AG Noordwijk

NL

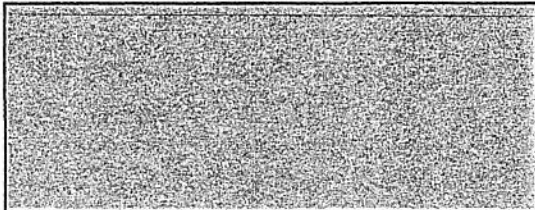


Astrium UK

Gunnels Wood Road, Stevenage

Hertfordshire SG1 2AS

UK

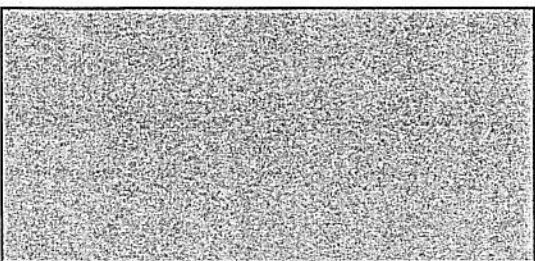


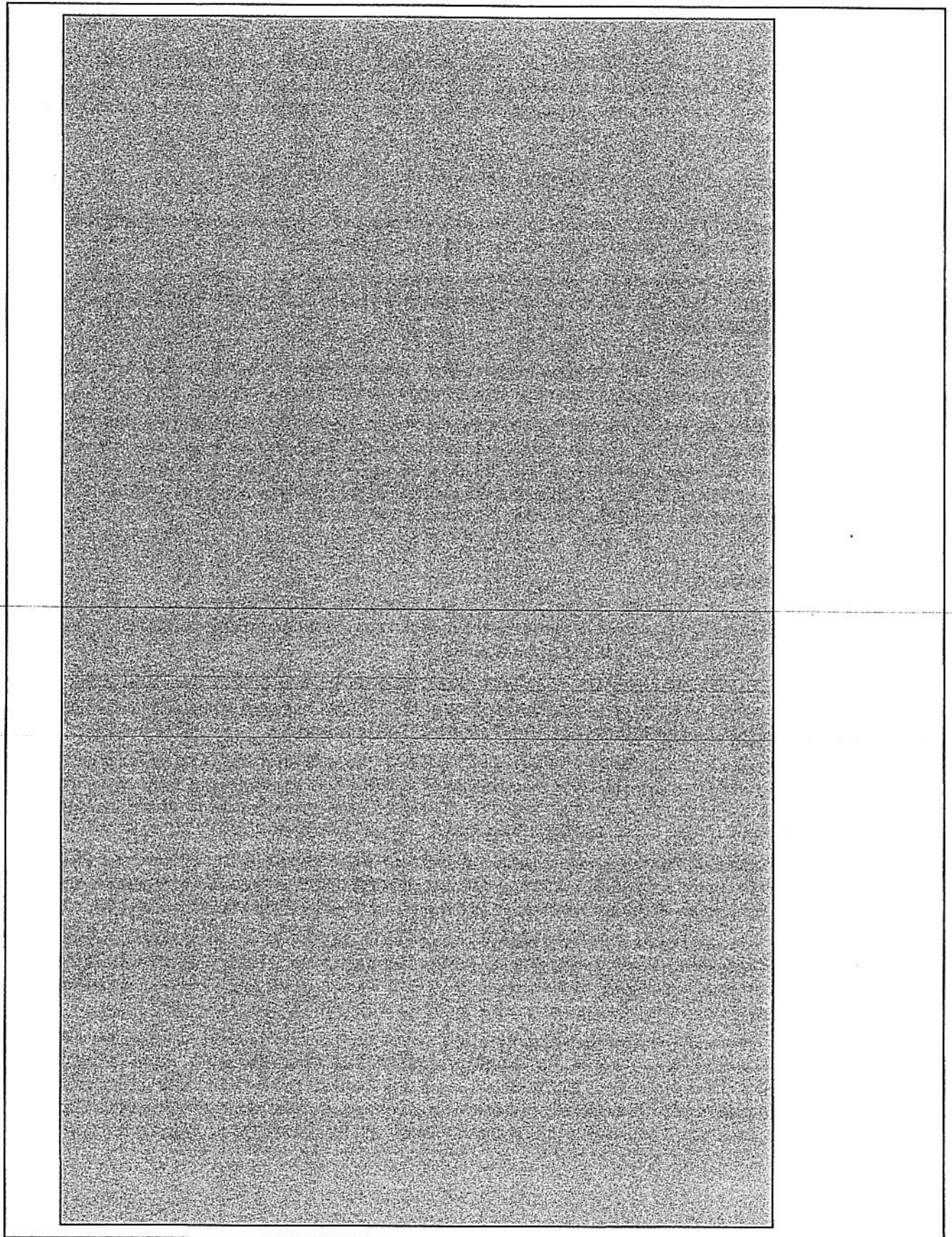
IABG

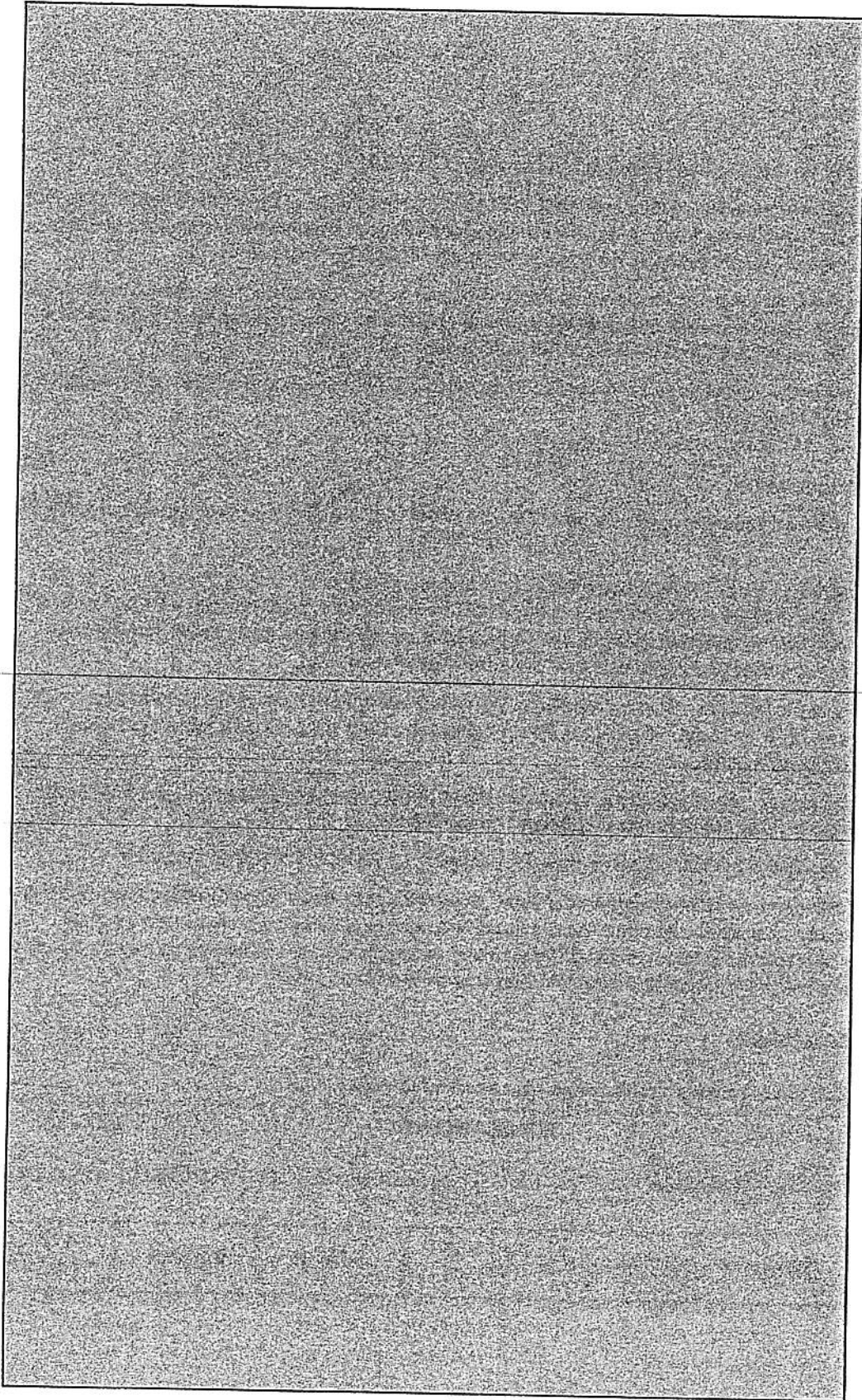
Einsteinstraße 20

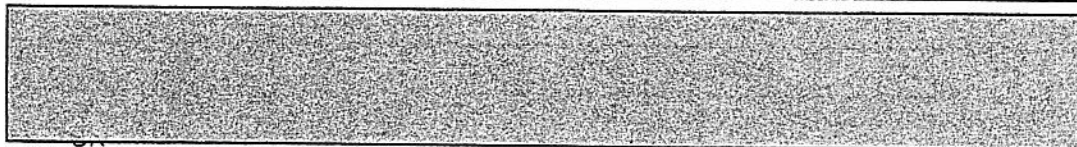
85521 Ottobrunn,

GM









Institut Für Experimentelle und Angewandte Physik The ExtraTerrestrial Physics group

Christian Albrechts University -IEAP/ET CAU, Leibnizstrasse 19,

24118 Kiel

GM

Kayser Threde GmbH

Wolfratshauser Straße 48,

81379 München

GM

RUAG Space AB

Solhusgatan 11

SE-412 76 Göteborg

SW

HIMAC

4-9-1 Anagawa, Inage Ward, Chiba

Chiba Prefecture

JA

PHYSIKALISCH TECHNISCHE BUNDESANSTALT – PTB

Bundesallee 100

38116 Braunschweig

GM

ZARM Fallturm-Betriebsgesellschaft mbH

/c/o Universität Bremen

28359 Bremen

GM

Iberespacio

Magallanes, 3, 4a planta

28015 Madrid

SP

Universidad de Alcalá

Ctra. Madrid-Barcelona

28871 Alcalá de Henares

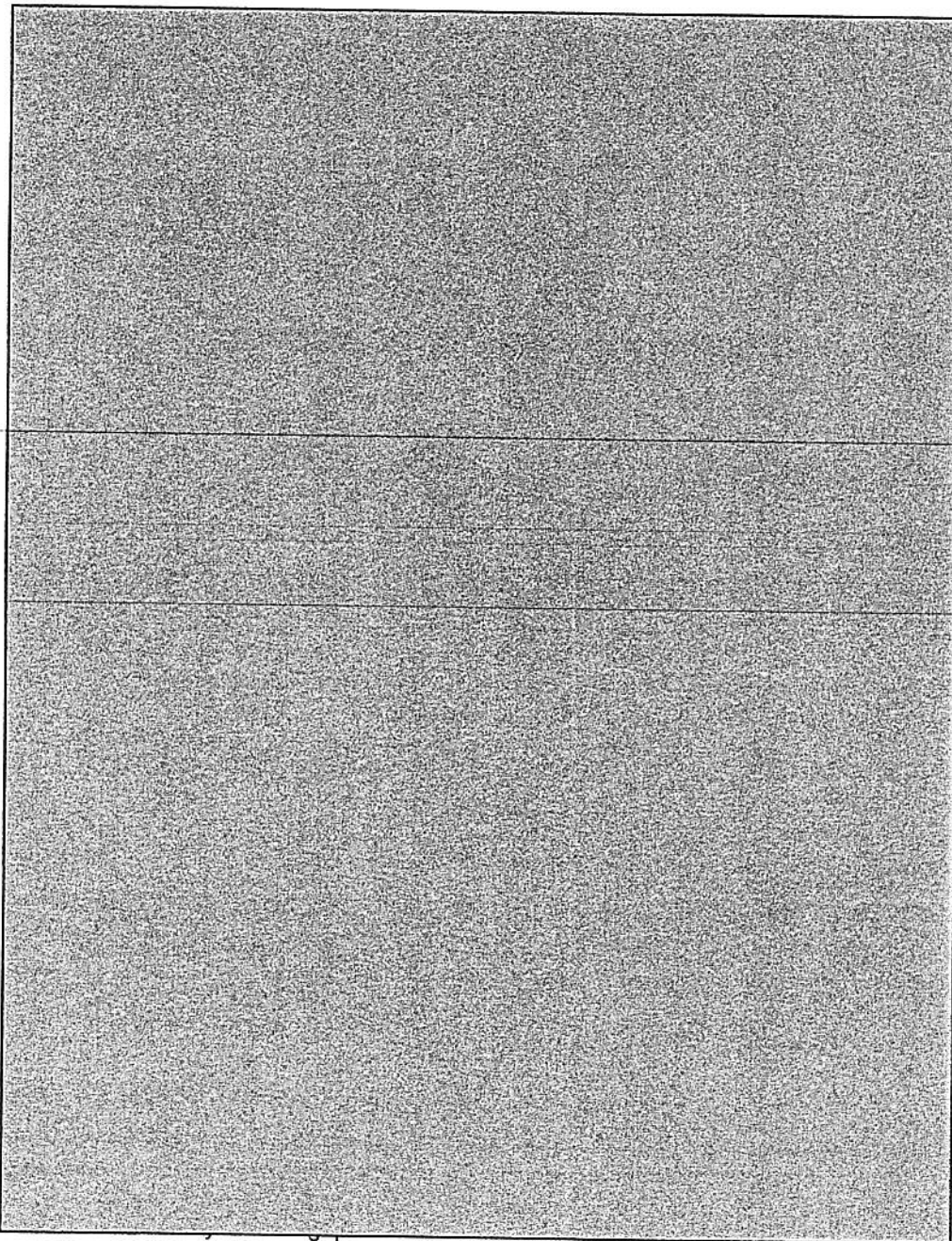
SP

INTA – Instituto Nacional de Técnica Aeroespacial

Ctra. Ajalvir km. 4

28850 Torrejón de Ardoz

SP



17. Source of Commodity

Linear Technology
1630 McCarthy Blvd.
Milpitas, CA 95035 US
Linear Technology
720 Sycamore Dr.
Milpitas, CA 95035 US

18. Name and address of foreign intermediate consignee

Centre Spatial Guyanais
PO Box 726
97387 Kourour Cedex
FG
Possible launch provider
UPS (and their international offices)
Parcela B-4, Poligono San Nicolas, 41500 Alcala de Guadaira
Sevilla
SP
International Freight Forwarder
TNT (and their international offices)
Avda. de Bruselas, 6 Poligono Industrial de Alcobendas
28108, Alcobendas, Madrid
SP
International Freight Forwarder
FedEx (and their international offices)
Centro de Carga Aerea
28042 Madrid
SP
International Freight Forwarder
DHL (and their international offices)
CI Rumania, 4

28820 Coslada, Madrid

SP

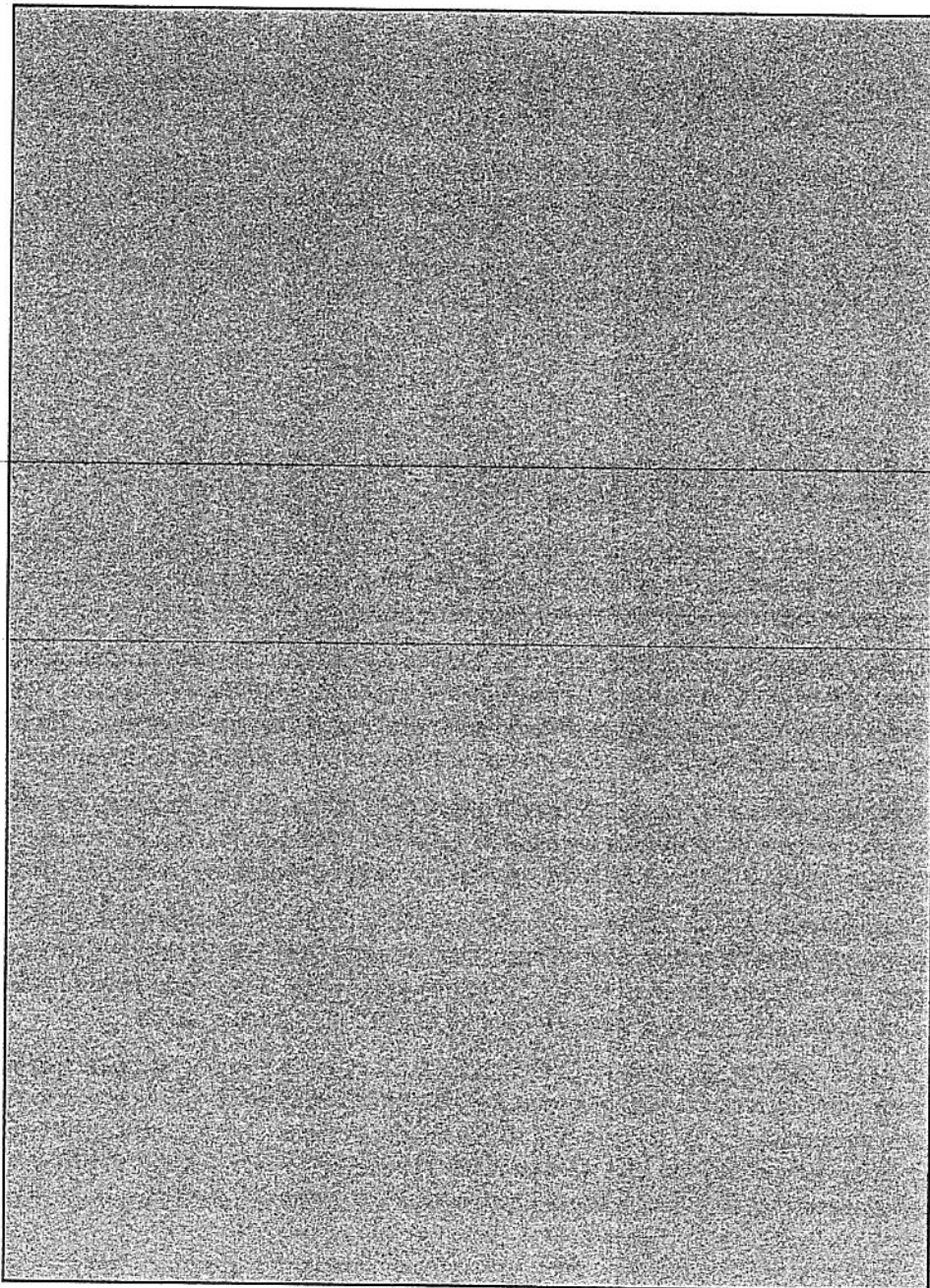
International Freight Forwarder

TRANSNATUR

CI Luxemburgo, 1 Centro de Transportes de Coslada

28820 Coslada, Madrid

SP





Arianespace / France

Boulevard de l'Europe

BP 177 91006 Evry-Courcouronnes Cedex

FR

Possible Launch Provider

Arianespace

BP 809

97388 Kourou CEDEX

FG

Possible Launch Location

CNES / France Centre national d'études spatiales - Centre spatial guyanais

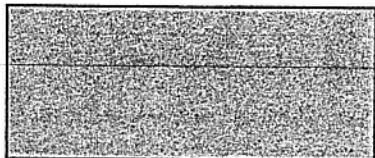
BP 726 _ Route Nationale 1

97 387 KOUROU CEDEX

FG

Possible Launch Location

19. Name and address of Seller in United States



*** 20. Specific purpose for which the material is required, including specific Program/End Item.**

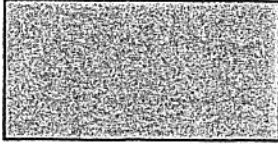
☐ Off-Shore procurement

☐ Brokering (22 CFR § 129)

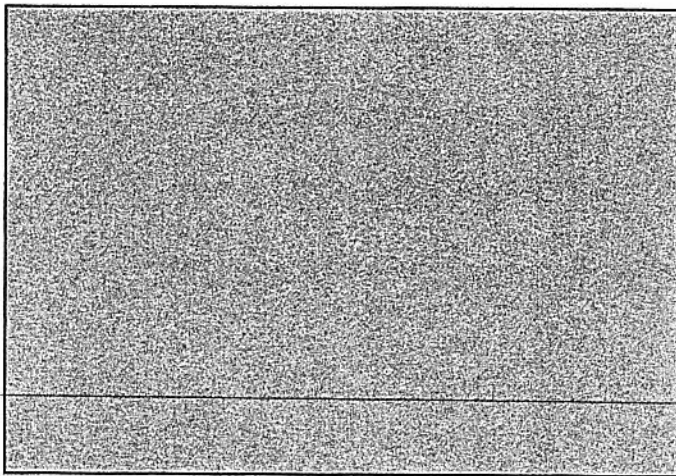
☐ Request for Prior Approval (22 CFR § 126.8)

☒ Other

Radiation Hardened components for use in the Solar Orbiter scientific mission - a programme developed by ESA in collaboration with NASA. The programme is designed to carry an extensive complement of scientific instruments to the near-Sun environment and will be able to provide unique insights in the workings of the Sun

21. Name and address of consignor and/or freight forwarder in United States

Kennedy Space Centre
SR 405 Kennedy Space Center
Orsino, FL 32899



Cape Canaveral
Air Force Station (CCAFS)
Orsino, FL 32920
United Launch Alliance / USA
P.O. Box 277005
Littleton, CO 80127-7005

DHL (& their offices/Affiliates in the United States)
16 International Dr
East Granby, CT 06026

UPS (& their offices/Affiliates in the United States)
55 Glenlake Parkway NE
Atlanta,, GA 30328

Federal Express (& their offices/Affiliates in the United States)
35 International Drive

*** 22. Applicant's statement**

I, [REDACTED], an empowered official (22 CFR § 120.25) or an official of a foreign government entity in the U.S., hereby apply for a license to complete the transaction above; warrant the truth of all statements made herein; and acknowledge, understand and will comply with the provisions of Title 22 CFR § 120-130, and any conditions and limitations imposed.

I am authorized by the applicant to certify the following in compliance with 22 CFR § 126.13:

(1) Neither the applicant, its chief executive officer, president, vice presidents, other senior officers or officials (e.g., comptroller, treasurer, general counsel) nor any member of its board of directors is:

(a) the subject of an indictment for or has been convicted of violating any of the U.S. criminal statutes enumerated in 22 CFR § 120.27 since the effective date of the Arms Export Control Act, Public Law 94-329, 90 Stat. 729 (June 30, 1976); or

(b) ineligible to contract with, or to receive a license or other approval to import defense articles or defense services from, or to receive an export license or other approval from any agency of the U.S. Government;

(2) To the best of the applicant's knowledge, no party to the export as defined in 22 CFR § 126.7 (e) has been convicted of violating any of the U.S. criminal statutes enumerated in 22 CFR § 120.27 since the effective date of the Arms Export Control Act, Public Law 94-329, 90 Stat. 729 (June 30, 1976); or is ineligible to contract with, or to receive a license or other approval to import defense articles or defense services from, or to receive an export license or other approval from any agency of the U.S. Government; and

22 CFR § 126.13 Certification (Select one):

- ☒ a. I am authorized by the applicant to certify that the applicant and all the parties to the transaction can meet in full the conditions of 22 CFR § 126.13 as listed above.
- ☐ b. I am authorized by the applicant to certify to 22 CFR § 126.13. The applicant or one of the parties of the transaction cannot meet one or more of the conditions of 22 CFR § 126.13 as listed above. A request for an exception to policy, as described in Section 127.11 of the ITAR, is attached.
- ☐ c. I am authorized by the applicant to certify to 22 CFR § 126.13. The applicant or one of the parties of the transaction cannot meet one or more of the conditions of 22 CFR § 126.13 as listed above. However that party has met the conditions imposed by the Directorate of Defense Trade Controls in order to resume standard submission of applications, not requiring an exception to policy as described in Section 127.11 of the ITAR.
- ☐ d. I am not authorized by the applicant to certify the conditions of 22 CFR § 126.13. The applicant and all the parties to the transaction can meet in full the conditions of 22 CFR § 126.13 as listed above. Please see the attached letter from an official that is authorized by the applicant to certify to the conditions of 22 CFR § 126.13.
- ☐ e. I am not authorized by the applicant to certify the conditions of 22 CFR § 126.13. The applicant or one of the parties of the transaction cannot meet one or more of the conditions of 22 CFR § 126.13 as listed above. A request for an exception to policy, as described in Section 127.11 of the ITAR, and a letter from

an official that is authorized by the applicant to certify to the conditions of 22 CFR § 126.13 are attached.

f. I am not authorized by the applicant to certify to 22 CFR § 126.13. The applicant or one of the parties of the transaction cannot meet one or more of the conditions of 22 CFR § 126.13 as listed above. However that party has met the conditions imposed by the Directorate of Defense Trade Controls in order to resume standard submission of applications, not requiring an exception to policy as described in Section 127.11 of the ITAR. Please see the attached letter from an official that is authorized by the applicant to certify to the conditions of 22 CFR § 126.13.

Compliance with 22 CFR § 130 (Select one)

- ☒ This transaction does not meet the requirements of 22 CFR § 130.2.
- ☐ This transaction meets the requirements of 22 CFR § 130.2. The applicant or its vendors have not paid, nor offered, nor agreed to pay, in respect of any sale for which a license or approval is requested, political contributions, fees or commissions in amounts as specified in 22 CFR § 130.9(a).
- ☐ The applicant or its vendors have paid, or offered, or agreed to pay, in respect of any sale for which a license or approval is requested, political contributions, fees or commissions in amounts as specified in 22 CFR § 130.9(a). Information required under 22 CFR § 130.10 is attached.
- ☐ I am not authorized by the applicant to certify the conditions of 22 CFR § 130.9(a). Please see the attached letter for such certification.

Signature :

23. License to be to: (Enter name, address and phone number)

Conditions of Issuance

1. This license is issued under the conditions cited in 22 CFR § 120 - 130, including the provisos as applicable, that:

A. It shall not be construed as implying U.S. Government approval or commitment to authorize future exports of any article (equipment or technical data) on the Munitions List, or a U.S. Government commitment with regard to any proposed manufacturing license or technical assistance agreements which may result from an authorized export.

B. If a license is issued for technical data only, it does not authorize the export of any hardware; if a license is issued for hardware only, it does not authorize the export of any technical data, unless specifically covered by an exemption.

The issuance of this license does not release the licensee from complying with other requirements of U.S. law and regulations.

2. The prior written approval of the Department of State must be obtained before U.S. Munitions List articles exported from the U.S. under license or other approval may be resold, diverted, transferred, transshipped, reshipped, reexported to, or used in any country, or by any end-user, other than that described on the license or other approval as the country of ultimate destination or the ultimate end-user.

PROVISOS

There are none.

RETURN OF LICENSE

This license must be returned to PM/DDTC, SA-1, 12th Floor, Directorate of Defense Trade Controls, Bureau of Political-Military Affairs, U.S. Department of State, Washington, DC 20522-0112 when: (1) the total value authorized has been shipped; (2) the applicant states that there will be no further shipments; (3) the date of expiration is reached; or (4) when requested by the Directorate of Defense Trade Controls.

ENDORSEMENT

Indicate below which ITEM on the face of the license is BEING EXPORTED and maintain a CONTINUING BALANCE of the remaining value:

SHIPMENT DATE	QUANTITY	COMMODITY	SHIPMENT VALUE	SED NO.	INITIALS	PORT OF EXIT/ENTRY
TOTAL AUTHORIZED VALUE :						

REMAINING BALANCE :