


APPROVED WITH PROVISOS		Signature	
		(For DTC Use Only)	
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.			
UNITED STATES OF AMERICA DEPARTMENT OF STATE APPLICATION/LICENSE FOR PERMANENT EXPORT OF UNCLASSIFIED DEFENSE ARTICLES AND RELATED UNCLASSIFIED TECHNICAL DATA			
1. Date Prepared	03/07/2013	2. PM/DDTC Applicant/Registrant Code	M17677
3. Country of Ultimate Destination	GERMANY	4. Probable Port of Exit from U.S.	Los Angeles, Riverside
5. Applicant's Name, Address, ZIP Code, Telephone Number Applicant Type: Manufacturer Q-TECH Corporation Attention: Richard J. Taylor 10150 Jefferson Boulevard Culver City, CA 90232 310-836-7900 ext. 101			
6. Name, agency and telephone of U.S. Government personnel (not PM/DDTC) familiar with the commodity.			
7. Name and telephone numbers of applicant contact if U.S. Government needs additional information. Ronald D. Stephens (207913) 310-836-7900 ext. 111			
8. Description of Transaction: A. This application represents ONLY completely new shipment			

3	Quantity :	Hybrid Crystal Oscillator QT188HCD9S-1.000MHz	XV(e)	
2	Quantity : Unit Type : Pieces	Hybrid Crystal Oscillator QT188LD10E-48.000MHz MCM5841-2 48.000MHz Defense Article Type : Hardware	XV(e)	Is a DSP-83 attached? No
1	Quantity : Unit Type : Pieces	Hybrid Crystal Oscillator QT188HCD10E-4.000MHz MCM5843-2 4.000MHz Defense Article Type : Hardware	XV(e)	Is a DSP-83 attached? No
#	9. Quantity	10. Commodity	11. USML Category Number	12. \$ Value

B. This Application has related license no(s)
☒ was licensed to the country in Block 3 of the first page under license no(s) 050417535
 —was licensed to other countries under license no (s).
 —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

	MCM5843-4 1.000MHZ	Defense Article Type : Hardware	Unit Type : Pieces	2
	Is a DSP-83 attached? No	Technical discussions regarding line items 1-2	Quantity : 1	4
	XV(e)	Defense Article Type : Technical Data	Unit Type : Lots	
	Is a DSP-83 attached? No	13. TOTAL VALUE(Sum of All Pages)		
14. Name and address of foreign end-user Institut Fur Experimentelle und Angewandte Physik; The Extra Terrestrial Physics Group, Christian Albrechts University Leibnizstrasse 19 24118 Kiel GM				
15. Manufacturer of Commodity Q-TECH Corporation 10150 Jefferson Boulevard Culver City, CA 90232 US				
16. Name and address of foreign consignee Alter Technology TUV NORD S.A.U. C/Tomas Alba Edison 4, PCT Catuja 93 41092 Sevilla SP				
17. Source of Commodity Q-TECH Corporation 10150 Jefferson Boulevard Culver City, CA 90232 US				

18.	Name and address of foreign intermediate consignee
	Institut für Experimentelle und Angewandte Physik, The Extra Terrestrial Physics Group, Christian Albrechts University
	Leibnizstrasse 19
	24118 Kiel
	GM
	Integration into EPD
	Kayser Threde GmbH
	Wolfratshausen Strasse 48
	81379 München
	GM
	Population PCBs
	HIMAC
	4-9-1 Anagawa, Inaga Ward
	Chiba, Chiba Prefecture
	JA
	Calibration Facilities
	IABG
	Einsteinstrasse 20
	85521 Ottobrunn
	GM
	Environmental Tests; Magnetic Test
	Universidad de Alcalá
	Ctra Madrid/Barcelona
	28871 Alcala de Henares
	SP
	EPD Consortium PI Institution
	INTA - Instituto Nacional de Tecnica Aeroespacial
	Ctra Ajalvir km. 4
	28850 Torrejon de Ardoz
	SP
	Suite Level Tests and Integration

19. Name and address of Seller in United States
<p>Physikalisch Technische Bundesanstalt - PTB Bundesallee 100 38116 Braunschweig GM Calibration Facilities UPS Parcela B-4 Poligono San Nicolas 41500 Alcala de Guadaira, Sevilla SP Freight Forwarder TNT Avda. de Bruselas, 6 Alcobendas (Pol. Ind) 28108 Madrid SP Freight Forwarder FEDEX Centro de Carga Aerea Madrid 28042 SP Freight Forwarder DHL C/Rumania 4 Coslada Madrid SP Freight Forwarder Transnatur C/Luxemburgo, 1 Centro de Transportes Coslada Madrid SP Freight Forwarder</p>

<p>Q-TECH Corporation 10150 Jefferson Boulevard Culver City, CA 90232</p>	<p>* 20. Specific purpose for which the material is required, including specific Program/End Item.</p> <p>Off-Shore procurement</p> <p>Brokering (22 CFR § 129)</p> <p>Request for Prior Approval (22 CFR § 126.8)</p> <p><input checked="" type="checkbox"/> Other</p> <p>Please redact license #050429759, which this license will replace because: 1) The end use for these parts will not be flight models, but instead engineering qualification models; 2) The end user will not be ESA (France), but instead will be Institut für Experimentelle und Angewandte Physik in Germany; 3) Line item #3 is added The Solar Orbiter mission is part of ESA's Cosmic Vision science program. In the last year this mission has been studied in an assessment phase aiming at demonstrating technical feasibility and defining the mission at systems level. The Solar Orbiter will explore the innermost regions of the heliosphere from high heliospheric latitudes. It will reach a distance of 0.28 AU from the Sun and obtain an inclination of 35 degrees with respect to the Sun's equator. In these areas a series of in situ and remote sensing measurements will be performed, providing first time in-situ measurements of regions so close to the Sun and at the same time provide arcsec resolution imagery. Additionally, the Solar Orbiter will provide the first ever out-of-the-ecliptic imaging and spectroscopic observations of the Sun's poles. The strong link to BepiColombo through reuse of components will be outlined and specific technology development needs for the Solar Orbiter will be described. Parts will be integrated in EPD: Energetic Particle Detector - Engineering Qualification Models EPD will measure the composition, timing and distribution functions of suprathermal and energetic particles. Scientific topics to be addressed include the sources, acceleration mechanisms, and transport processes of these particles.</p>
<p>21. Name and address of consignee and/or freight forwarder in United States</p> <p>DHL Worldwide 1200 South Pine Island Road and all U.S. locations Plantation, FL 33324</p>	<p>* 22. Applicant's statement</p> <p>I, Richard J Taylor, 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.</p>

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

1. The defense articles listed on this application are limited for use in engineering models only.
2. This license replaces 050429759 which is now invalid and may not be utilized/shipped against. The provisions of 123.22 (c)(4) are applicable to that authorization. A written statement confirming the applicants understanding of this must be uploaded into the case file of the precedent case.

RETURN OF LICENSE