# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

# FORM SD SPECIALIZED DISCLOSURE REPORT

# GILAT SATELLITE NETWORKS LTD

(Exact name of registrant as specified in its charter)

ISRAEL	0-21218	N/A
(State or other jurisdiction of	(Commission file number)	(IRS Employer
incorporation or		Identification No.)
organization)		

# Gilat House 21 Yegia Kapayim Street Kiryat Arye, Petah Tikva, 4913020 Israel

(Address of principal executive offices)

# Yael Shofar, General Counsel and Corporate Secretary, Tel. +972.3.9252000

(Name and telephone number, including area code, of the person to contact in connection with this report)

Check the appropriate box to indicate the rule pursuant to which this form is being filed, and provide the period to which the information in this form applies:

X Rule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the reporting period from January 1 to December 31, 2016.

#### **Section 1- Conflict Minerals Disclosures**

#### **Item 1.01 Conflict Minerals Disclosure and Report**

Gilat Satellite Networks Ltd. (the "Company", "we" or "us") evaluated its current product lines and determined that certain products that we manufacture or contract to manufacture contain tin, tungsten, tantalum, or gold, which are defined as "conflict minerals" by the United States Securities and Exchange Commission, that are necessary to the functionality or production of our products. Accordingly, we are filing this disclosure along with a Conflict Minerals Report to disclose the measures we have taken to determine the origin of the conflict minerals used in our products.

Conflict Minerals Disclosure

A copy of the Company's Conflict Minerals Report is provided as Exhibit 1.01 hereto and is publicly available at http://www.gilat.com/sec-filing.

#### Item 1.02- Exhibits

Exhibit 1.01 - Conflict Minerals Report and 1.02 of this Form.

## **Signatures**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the duly authorized undersigned.

Gilat Satellite Networks Ltd.

(Registrant)

Dated: May 25, 2017 By: /s/ Yael Shofar

Yael Shofar

General Counsel and Corporate Secretary

# Conflict Minerals Report of Gilat Satellite Networks Ltd. For The Year Ended December 31, 2016

#### Introduction

This report is filed by Gilat Satellite Networks Ltd. (herein referred to as "Gilat," the "Company," "we," "us," or "our") for the year ended December 31, 2016 pursuant to Rule 13p-1 (the "Rule") promulgated under the Securities Exchange Act of 1934, as amended. The Rule was adopted by the U.S. Securities and Exchange Commission (the "SEC") to implement reporting and disclosure requirements related to conflict minerals as directed by the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (Dodd-Frank Act). The Rule imposes certain reporting obligations on SEC registrants whose manufactured products contain conflict minerals which are necessary to the functionality or production of their products. Conflict Minerals are defined as cassiterite, columbite-tantalite, gold, wolframite, and their derivatives, which are limited to tin, tantalum, tungsten and gold ("3TG") for the purpose of this assessment.

If a registrant has reason to believe that any of the conflict minerals in its supply chain may have originated in the Democratic Republic of the Congo ("DRC") or an adjoining country (the "Covered Countries"), or if it is unable to determine the country of origin of those conflict minerals, then the registrant must exercise due diligence on the conflict minerals' source and chain of custody. The registrant must annually submit the SEC a Conflict Minerals Report ("CMR") that includes a description of those due diligence measures.

Consistent with the Rule and the SEC's April 29, 2014 statement relating to the Rule, this CMR is not required to be accompanied by an independent private sector audit. An audit is required only if the CMR describes a product as "DRC conflict free."

# 1. Company Overview

Gilat is a leading global provider of broadband satellite communication and networking products and services.

#### 2. **Products Overview**

We provide end-to-end broadband satellite communication, or Satcom, network solutions and services. We design, manufacture and provide full network management and equipment for Satcom as well as professional services to satellite operators and service providers worldwide. The equipment consists of very small aperture terminals, or VSATs, solid-state power amplifiers, or SSPAs, block up converters, or BUCs, low-profile antennas and on-the-Move/on-the-Pause terminals. VSATs are earth-based terminals that transmit and receive broadband Internet, voice, data and video via satellite. We also provide satellite backhaul solutions for the cellular market.

We have a large installed base, having sold over 1.5 million VSAT units spanning approximately 90 countries, and currently have over 500 active networks. Our products are sold to communication service providers and operators which use VSATs to serve enterprise, government and residential users, to mobile network operators and to system integrators that use our technology. Our solutions and services are also sold to defense and homeland security organizations. In addition, we provide services directly to end-users in various market segments, including in certain countries in Latin America and also provide managed network services, such as in Australia, over a VSAT network owned by a third party.

The information includes the activities of all majority-owned subsidiaries and variable interest entities that are required to be consolidated. It does not include the activities of variable interest entities that are not required to be consolidated.

#### 3. Supply Chain Overview

Our supply chain is complex. There are multiple tiers between our company and the sources of the 3TG minerals. Accordingly, we rely on our direct suppliers to provide information on the origin of the 3TG minerals contained in components which are included in our products.

#### 4. Reasonable Country of Origin Inquiry (RCOI)

We conducted a Reasonable Country of Origin Inquiry ("RCOI") to determine whether any of the necessary 3TG minerals originated in Covered Countries and found that the 3TG minerals can be found in our products and are necessary to the functionality or production of those products. Therefore, we are subject to the reporting obligations of the Rule.

Due to the breadth and complexity of our products and supply chain, it will take time for many of our suppliers to verify the origin of all of the conflict minerals used in our products. Using our supply chain due diligence processes, we hope to further develop transparency into our supply chain and drive accountability within the supply chain by employing the EICC/GeSI Conflict Free Sourcing Initiative (the "CFSI") and by continuing our outreach efforts.

The methods we used to try to determine the origin of 3TG minerals in our products included:

- sending letters to our direct suppliers, explaining the rule and referring the suppliers to online training materials and instructions;
- soliciting survey responses from relevant suppliers of components of our products, using the standard Conflict Minerals Reporting Template designed by the CFSI; and
- reviewing responses that we received from our suppliers and following up on inconsistent, incomplete and evident inaccurate responses.

# 5. Design of Our Due Diligence

Based on the findings of our RCOI, we designed our due-diligence process based on the Organization for Economic Co-operation and Development's ("OECD") publication "OECD (2016), OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas: Third Edition, OECD Publishing, Paris. http://dx.doi.org/10.1787/9789264252479-en" (the "OECD Guidance") and the related supplements for 3TG minerals.

# 6. Due Diligence

Gilat has processes in place for the purpose of exercising due diligence in the supply chain. The design of the due diligences processes conforms substantially to the OECD Guidance as it relates to "downstream" purchasers of products and components. The due diligence processes have been described below under sub-headings corresponding to the five-step framework of the OECD Guidance.

# 6.1 Establish Strong Company Management Systems

- reviewing the Company's Conflict Minerals Policy first adopted during 2014, which is posted
  on our website at <a href="http://www.gilat.com/about-us">http://www.gilat.com/about-us</a>;
- establishing a team with cross functional members and senior executives;
- communicating expectations to our direct suppliers concerning performance, transparency and sourcing of materials and components containing 3TG minerals; providing our direct suppliers with educational materials about our reporting obligations imposed by Form SD and the SEC regarding 3TG minerals; and
- retaining relevant documentation in an electronic database for at least five years.

#### 6.2 Identify and assess risks in the supply chain

Because of our size, the breadth and complexity of our products and the constant evolution of our supply chain, it is difficult to identify actors downstream from our direct suppliers.

We conducted a supply-chain survey with direct suppliers of materials containing Conflict Minerals using the Conflict Minerals Reporting Template to identify the smelters or refiners ("SORs").

As part of our risk based approach, we chose to focus our efforts on first priority suppliers that were selected based on our purchasing spend. The first priority suppliers cover 90% of our suppliers' spend.

# 6.3 Design and Implement a Strategy to Respond to Identified Risks

We report the findings of the supply chain risk assessment to our senior management.

We internally report certain suppliers identified as high risk to relevant personnel for follow up actions, such as, contacting such suppliers whose responses were identified as incomplete, inconsistent or inaccurate.

We compare **SORs** identified by the supply chain survey against the list of facilities issued by the CFSI on April 6, 2017 that have received a "conflict free" validation.

#### 6.4 Carry out independent third-party audit of SORs' due diligence practices

We do not have a direct relationship with 3TG **SORs**, nor do we perform direct audits of the other entities in our supply chain. Therefore, our direct and/or upstream suppliers are in a better position to identify SORs within the supply chain. As a result, our due diligence efforts rely on cross-industry initiatives such as those led by the CFSI.

In our due diligence process, we utilize the Conflict Minerals Reporting Template designed by the CFSI.

## 6.5 Report Annually on Supply Chain Due Diligence

In addition to our ongoing communications with our customers who are engaged in their own RCOI and due diligence processes, we report annually on our supply chain due diligence through Form SD. Our reports on Form SD are publicly available at <a href="http://www.gilat.com/">http://www.gilat.com/</a>.

# 7. Results of assessment

# The following factors materially affect our results of assessment:

- we are dependent on information received from our direct suppliers to conduct our good faith RCOI process;
- we do not have a direct relationship with 3TG SORs, nor do we perform direct audits of the other entities in our supply chain;
- we have a varied supplier base with differing levels of resources and sophistication, and many of our suppliers are not themselves subject to the Rule;
- the information our suppliers provided was sometimes incomplete and required significant follow-up;
- some suppliers provided responses at a company or divisional level, and not at a product level specific to the materials and components we use in the subject products
- certain suppliers were unable or unwilling to specify the SORs used for materials and components supplied to us; and
- our ability to influence cooperation from certain suppliers was limited when we were multiple tiers away from the SOR in the supply chain.
- the information gathered from our suppliers is not obtained on a continuous, real-time basis.

The suppliers we contacted were the direct suppliers for our products that are within the scope of the RCOI, which account for 90% of our spending on supplies. Despite our efforts to follow up with suppliers, we did not receive responses from all suppliers, and the suppliers who responded showed varying degrees of cooperation with our inquiries. We received responses from 76.8% of such suppliers to date indicating that they either provided conflict free minerals or that they are unsure of the origin of the source of the 3TG minerals that they supplied to us.

Based on the information obtained pursuant to the good faith RCOI and due diligence processes described above, for the reporting period, we do not have sufficient information to determine the country of origin of all of the **3TG** minerals we use to manufacture products and thus are unable to determine whether any of the **3TG** minerals originated in the **Covered Countries** and, if so, whether the **3TG** minerals were from recycled or scrap sources, financed conflict in the covered countries or did not finance conflict in the covered countries. **Therefore, as explained**, we have not been able to identify all of the **SORs** from which our suppliers sourced the **3TG minerals**.

We identified through our good faith RCOI and related due diligence a total of 306 **SORs**, out of which 257 are either verified by CFSI as conflict-free or **are** in **the** audit process.

**SORs** verified by CFSI as conflict-free or in audit process:

Metal	Compliant+ Active	Others	<b>Grand Total</b>
Gold	100	35	135
Tantalum	44	2	46
Tin	73	8	81
Tungsten	40	4	44
<b>Grand Total</b>	257	49	306

Based on the information obtained pursuant to our good faith RCOI and due diligence process, we compiled a list of known SORs and their countries of origin for the 3TG minerals originating from the SORs listed in  $Exhibit\ A$  attached hereto .

#### 8. Future Steps

We will continue to evaluate potential areas within the business to improve our process to mitigate risks associated with 3TG minerals from Covered Countries.

Cautionary Statement about Forward-Looking Statements

Statements in this Conflict Minerals Report, which express a belief, expectation or intention, as well as those that are not historical fact, are forward-looking statements. These forward-looking statements are subject to various risks, uncertainties and assumptions, including, among other things, the requirements of certain of our customers to use certain suppliers, our suppliers' responsiveness and cooperation with our due diligence efforts, our ability to implement improvements in our conflict minerals program and our ability to identify and mitigate related risks in our supply chain. If one or more of these or other risks materialize, actual results may vary materially from those expressed. For a more complete discussion of these and other risk factors, see our other filings with the SEC, including our Annual Report on Form 20-F for the year ended December 31, 2016. We caution that undue reliance should not be placed on these forward-looking statements, which speak only as of the date of this report, and we undertake no obligation to update or revise any forward-looking statement, except to the extent required by applicable law.

# Exhibit A SORs List

Metal (*)	SOR Name (*)	SOR Country (*)
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Córrego do Sítio Mineração	BRAZIL
Gold	Tongling Nonferrous Metals Group Co., Ltd.	CHINA
Gold	Argor-Heraeus S.A.	SWITZERLAND
Gold	Asahi Pretec Corp.	JAPAN
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY
Gold	AU Traders and Refiners	SOUTH AFRICA
Gold	Aurubis AG	GERMANY
Gold	Bangalore Refinery	INDIA
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden AB	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	Caridad	MEXICO

Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Gold	Cendres + Métaux S.A.	SWITZERLAND
Gold	Chimet S.p.A.	ITALY
Gold	Chugai Mining	JAPAN
Gold	Daejin Indus Co., Ltd.	KOREA (REPUBLIC OF)
Gold	Daye Non-Ferrous Metals Mining Ltd.	CHINA
Gold	DSC (Do Sung Corporation)	KOREA (REPUBLIC OF)
Gold	DODUCO GmbH	GERMANY
Gold	Dowa	JAPAN
Gold	Eco-System Recycling Co., Ltd.	JAPAN
Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES
Gold	Fidelity Printers and Refiners Ltd.	ZIMBABWE
Gold	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION
Gold	Gansu Seemine Material Hi-Tech Co., Ltd.	CHINA
Gold	Geib Refining Corporation	UNITED STATES OF AMERICA
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA
Gold	Guangdong Jinding Gold Limited	CHINA
Gold	Gujarat Gold Centre	INDIA
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Ltd. Hong Kong	CHINA
Gold	Heraeus Precious Metals GmbH & Co. KG	GERMANY
Gold	Hunan Chenzhou Mining Co., Ltd.	CHINA
Gold	HwaSeong CJ Co., Ltd.	KOREA (REPUBLIC OF)
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	Istanbul Gold Refinery	TURKEY
Gold	Japan Mint	JAPAN

Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION
Gold	JSC Uralelectromed	RUSSIAN FEDERATION
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kaloti Precious Metals	UNITED ARAB EMIRATES
Gold	Kazakhmys Smelting LLC	KAZAKHSTAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	KGHM Polska Miedź Spółka Akcyjna	POLAND
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	Korea Zinc Co., Ltd.	KOREA (REPUBLIC OF)
Gold	Kyrgyzaltyn JSC	KYRGYZSTAN
Gold	Kyshtym Copper-Electrolytic Plant ZAO	RUSSIAN FEDERATION
Gold	L'azurde Company For Jewelry	SAUDI ARABIA
Gold	Lingbao Gold Co., Ltd.	CHINA
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA
Gold	LS-NIKKO Copper Inc.	KOREA (REPUBLIC OF)
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
Gold	Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO
Gold	Mitsubishi Materials Corporation	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN

Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	Modeltech Sdn Bhd	MALAYSIA
Gold	Morris and Watson	NEW ZEALAND
Gold	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION
Gold	Nadir Metal Rafineri San. Ve Tic. A.Ş.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	Nihon Material Co., Ltd.	JAPAN
Gold	Ögussa Österreichische Gold- und Silber- Scheideanstalt GmbH	AUSTRIA
Gold	Elemetal Refining, LLC	UNITED STATES OF AMERICA
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION
Gold	PAMP S.A.	SWITZERLAND
Gold	Penglai Penggang Gold Industry Co., Ltd.	CHINA
Gold	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Précinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	Remondis Argentia B.V.	NETHERLANDS
Gold	Republic Metals Corporation	UNITED STATES OF AMERICA
Gold	Royal Canadian Mint	CANADA
Gold	SAAMP	FRANCE
Gold	Sabin Metal Corp.	UNITED STATES OF AMERICA
Gold	SAFINA A.S.	CZECH REPUBLIC
Gold	Sai Refinery	INDIA
Gold	Samduck Precious Metals	KOREA (REPUBLIC OF)
Gold	Samwon Metals Corp.	KOREA (REPUBLIC OF)
Gold	SAXONIA Edelmetalle GmbH	GERMANY
Gold	Schone Edelmetaal B.V.	NETHERLANDS

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Gold Tanaka Kikinzoku Kogyo K.K. JAPAN  Gold The Refinery of Shandong Gold Mining Co., Ltd. CHINA  Gold Tokuriki Honten Co., Ltd. JAPAN  Gold Tony Goetz NV BELGIUM  Gold TOO Tau-Ken-Altyn KAZAKHSTAN  Gold Torecom KOREA (REPUBLIC OF)  Gold Umicore Brasil Ltda. BRAZIL  Gold Umicore Precious Metals Thailand THAILAND  Gold Refining BELGIUM  Gold United Precious Metal Refining, Inc. UNITED STATES OF AMERICA  Gold Universal Precious Metals Refining Zambia ZAMBIA  Gold Valcambi S.A. SWITZERLAND  Gold Western Australian Mint trading as The Perth Mint  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd.	Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Gold The Refinery of Shandong Gold Mining Co., Ltd. CHINA Gold Tokuriki Honten Co., Ltd. JAPAN Gold Tony Goetz NV BELGIUM Gold TOO Tau-Ken-Altyn KAZAKHSTAN Gold Torecom KOREA (REPUBLIC OF) Gold Umicore Brasil Ltda. BRAZIL Gold Umicore Precious Metals Thailand THAILAND Gold Umicore S.A. Business Unit Precious Metals Refining BELGIUM Gold United Precious Metal Refining, Inc. UNITED STATES OF AMERICA Gold Universal Precious Metals Refining Zambia ZAMBIA Gold Valcambi S.A. SWITZERLAND Gold Western Australian Mint trading as The Perth Mint Gold WIELAND Edelmetalle GmbH GERMANY Gold Yamamoto Precious Metal Co., Ltd. JAPAN Gold Yokohama Metal Co., Ltd.	Gold	T.C.A S.p.A	ITALY
Gold Tokuriki Honten Co., Ltd. JAPAN  Gold Tony Goetz NV BELGIUM  Gold TOO Tau-Ken-Altyn KAZAKHSTAN  Gold Torecom KOREA (REPUBLIC OF)  Gold Umicore Brasil Ltda. BRAZIL  Gold Umicore Precious Metals Thailand THAILAND  Gold Umicore S.A. Business Unit Precious Metals Refining  Gold United Precious Metal Refining, Inc. UNITED STATES OF AMERICA  Gold Universal Precious Metals Refining Zambia ZAMBIA  Gold Valcambi S.A. SWITZERLAND  Gold Western Australian Mint trading as The Perth Mint  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd.	Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Gold Tony Goetz NV BELGIUM Gold TOO Tau-Ken-Altyn KAZAKHSTAN Gold Torecom KOREA (REPUBLIC OF) Gold Umicore Brasil Ltda. BRAZIL Gold Umicore Precious Metals Thailand THAILAND Gold Umicore S.A. Business Unit Precious Metals Refining BELGIUM Gold United Precious Metal Refining, Inc. UNITED STATES OF AMERICA Gold Universal Precious Metals Refining Zambia ZAMBIA Gold Valcambi S.A. SWITZERLAND Gold Western Australian Mint trading as The Perth Mint Gold WIELAND Edelmetalle GmbH GERMANY Gold Yamamoto Precious Metal Co., Ltd. JAPAN Gold Yokohama Metal Co., Ltd.	Gold	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA
Gold TOO Tau-Ken-Altyn KAZAKHSTAN Gold Torecom KOREA (REPUBLIC OF) Gold Umicore Brasil Ltda. BRAZIL Gold Umicore Precious Metals Thailand THAILAND Gold Umicore S.A. Business Unit Precious Metals Refining BELGIUM Gold United Precious Metal Refining, Inc. UNITED STATES OF AMERICA Gold Universal Precious Metals Refining Zambia ZAMBIA Gold Valcambi S.A. SWITZERLAND Gold Western Australian Mint trading as The Perth Mint Gold WIELAND Edelmetalle GmbH GERMANY Gold Yamamoto Precious Metal Co., Ltd. JAPAN Gold Yokohama Metal Co., Ltd.	Gold	Tokuriki Honten Co., Ltd.	JAPAN
Gold Torecom KOREA (REPUBLIC OF)  Gold Umicore Brasil Ltda. BRAZIL  Gold Umicore Precious Metals Thailand THAILAND  Gold Umicore S.A. Business Unit Precious Metals Refining BELGIUM  Gold United Precious Metal Refining, Inc. UNITED STATES OF AMERICA  Gold Universal Precious Metals Refining Zambia ZAMBIA  Gold Valcambi S.A. SWITZERLAND  Gold Western Australian Mint trading as The Perth Mint  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd.	Gold	Tony Goetz NV	BELGIUM
Gold Umicore Brasil Ltda. BRAZIL  Gold Umicore Precious Metals Thailand THAILAND  Gold Umicore S.A. Business Unit Precious Metals Refining BELGIUM  Gold United Precious Metal Refining, Inc. UNITED STATES OF AMERICA  Gold Universal Precious Metals Refining Zambia ZAMBIA  Gold Valcambi S.A. SWITZERLAND  Gold Western Australian Mint trading as The Perth Mint  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd.	Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Gold Umicore Precious Metals Thailand THAILAND  Gold Umicore S.A. Business Unit Precious Metals Refining  Gold United Precious Metal Refining, Inc.  Gold Universal Precious Metals Refining Zambia ZAMBIA  Gold Valcambi S.A. SWITZERLAND  Gold Western Australian Mint trading as The Perth Mint  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd.	Gold	Torecom	
Gold United Precious Metal Refining, Inc.  Gold United Precious Metal Refining, Inc.  Gold Universal Precious Metals Refining Zambia ZAMBIA  Gold Valcambi S.A. SWITZERLAND  Gold Western Australian Mint trading as The Perth Mint  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd.  JAPAN  Gold Yokohama Metal Co., Ltd.	Gold	Umicore Brasil Ltda.	BRAZIL
Gold Refining BELGIUM  Gold United Precious Metal Refining, Inc.  Gold Universal Precious Metals Refining Zambia ZAMBIA  Gold Valcambi S.A. SWITZERLAND  Gold Western Australian Mint trading as The Perth Mint  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd.	Gold	Umicore Precious Metals Thailand	THAILAND
Gold United Precious Metal Refining, Inc.  AMERICA  ZAMBIA  Gold Valcambi S.A. SWITZERLAND  Gold Western Australian Mint trading as The Perth Mint  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd.	Gold		BELGIUM
Gold Valcambi S.A. SWITZERLAND  Gold Western Australian Mint trading as The Perth Mint  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd. JAPAN	Gold	United Precious Metal Refining, Inc.	
Gold Western Australian Mint trading as The Perth Mint  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd. JAPAN	Gold	Universal Precious Metals Refining Zambia	ZAMBIA
Gold Mint AUSTRALIA  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamamoto Precious Metal Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd. JAPAN	Gold	Valcambi S.A.	SWITZERLAND
Gold Yamamoto Precious Metal Co., Ltd. JAPAN Gold Yokohama Metal Co., Ltd. JAPAN	Gold		AUSTRALIA
Gold Yokohama Metal Co., Ltd. JAPAN	Gold	WIELAND Edelmetalle GmbH	GERMANY
	Gold	Yamamoto Precious Metal Co., Ltd.	JAPAN
Gold Yunnan Copper Industry Co., Ltd. CHINA	Gold	Yokohama Metal Co., Ltd.	JAPAN
	Gold	Yunnan Copper Industry Co., Ltd.	CHINA

Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Zijin Mining Group Co., Ltd. Gold Refinery	CHINA
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA
Tantalum	Conghua Tantalum and Niobium Smeltry	CHINA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	Duoluoshan	CHINA
Tantalum	Exotech Inc.	UNITED STATES OF AMERICA
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	CHINA
Tantalum	H.C. Starck Co., Ltd.	THAILAND
Tantalum	H.C. Starck GmbH Goslar	GERMANY
Tantalum	H.C. Starck Hermsdorf GmbH	GERMANY
Tantalum	H.C. Starck Inc.	UNITED STATES OF AMERICA
Tantalum	H.C. Starck Ltd.	JAPAN
Tantalum	H.C. Starck Smelting GmbH & Co. KG	GERMANY
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERICA
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	KEMET Blue Metals	MEXICO
Tantalum	KEMET Blue Powder	UNITED STATES OF AMERICA
Tantalum	King-Tan Tantalum Industry Ltd.	CHINA
Tantalum	LSM Brasil S.A.	BRAZIL

Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mineração Taboca S.A.	BRAZIL
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	Molycorp Silmet A.S.	ESTONIA
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	Plansee SE Liezen	AUSTRIA
Tantalum	Plansee SE Reutte	AUSTRIA
Tantalum	Power Resources Ltd.	MACEDONIA (THE FORMER YUGOSLAV REPUBLIC OF)
Tantalum	QuantumClean	UNITED STATES OF AMERICA
Tantalum	Resind Indústria e Comércio Ltda.	BRAZIL
Tantalum	RFH Tantalum Smeltry Co., Ltd.	CHINA
Tantalum	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tantalum	Tranzact, Inc.	UNITED STATES OF AMERICA
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA
Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.	CHINA
Tantalum	Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA
Tin	Alpha	UNITED STATES OF AMERICA
Tin	An Thai Minerals Co., Ltd.	VIET NAM
Tin	An Vinh Joint Stock Mineral Processing Company	VIET NAM
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	Jiangxi Ketai Advanced Material Co., Ltd.	CHINA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	CNMC (Guangxi) PGMA Co., Ltd.	CHINA
Tin	Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL
Tin	CV Ayi Jaya	INDONESIA

Tin	CV Dua Sekawan	INDONESIA
Tin	CV Gita Pesona	INDONESIA
Tin	PT Justindo	INDONESIA
Tin	PT Aries Kencana Sejahtera	INDONESIA
Tin	CV Serumpun Sebalai	INDONESIA
Tin	CV Tiga Sekawan	INDONESIA
Tin	CV United Smelting	INDONESIA
Tin	CV Venus Inti Perkasa	INDONESIA
Tin	Dowa	JAPAN
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	VIET NAM
Tin	Elmet S.L.U.	SPAIN
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Estanho de Rondônia S.A.	BRAZIL
Tin	Fenix Metals	POLAND
Tin	Gejiu Jinye Mineral Company	CHINA
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA
Tin	Huichang Jinshunda Tin Co., Ltd.	CHINA
Tin	Gejiu Kai Meng Industry and Trade LLC	CHINA
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Tin	Melt Metais e Ligas S.A.	BRAZIL
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Tin	Metallo-Chimique N.V.	BELGIUM
Tin	Mineração Taboca S.A.	BRAZIL
Tin	Minsur	PERU
Tin	Mitsubishi Materials Corporation	JAPAN
Tin	Modeltech Sdn Bhd	MALAYSIA
Tin	Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA

Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tin	Operaciones Metalurgical S.A.	BOLIVIA (PLURINATIONAL STATE OF)
Tin	PT Artha Cipta Langgeng	INDONESIA
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tin	PT Babel Inti Perkasa	INDONESIA
Tin	PT Bangka Prima Tin	INDONESIA
Tin	PT Bangka Tin Industry	INDONESIA
Tin	PT Belitung Industri Sejahtera	INDONESIA
Tin	PT Bukit Timah	INDONESIA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	PT DS Jaya Abadi	INDONESIA
Tin	PT Eunindo Usaha Mandiri	INDONESIA
Tin	PT Inti Stania Prima	INDONESIA
Tin	PT Karimun Mining	INDONESIA
Tin	PT Kijang Jaya Mandiri	INDONESIA
Tin	PT Menara Cipta Mulia	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT O.M. Indonesia	INDONESIA
Tin	PT Panca Mega Persada	INDONESIA
Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Refined Bangka Tin	INDONESIA
Tin	PT Sariwiguna Binasentosa	INDONESIA
Tin	PT Stanindo Inti Perkasa	INDONESIA
Tin	PT Sukses Inti Makmur	INDONESIA
Tin	PT Sumber Jaya Indah	INDONESIA
Tin	PT Timah (Persero) Tbk Kundur	INDONESIA
Tin	PT Timah (Persero) Tbk Mentok	INDONESIA
Tin	PT Tinindo Inter Nusa	INDONESIA
Tin	PT Tommy Utama	INDONESIA

Tin	PT Wahana Perkit Jaya	INDONESIA
Tin	Resind Indústria e Comércio Ltda.	BRAZIL
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Tin	Soft Metais Ltda.	BRAZIL
Tin	Thaisarco	THAILAND
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM
Tin	VQB Mineral and Trading Group JSC	VIET NAM
Tin	White Solder Metalurgia e Mineração Ltda.	BRAZIL
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tin	Yunnan Tin Company Limited	CHINA
Tungsten	A.L.M.T. TUNGSTEN Corp.	JAPAN
Tungsten	ACL Metais Eireli	BRAZIL
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Ganzhou Yatai Tungsten Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tungsten	H.C. Starck GmbH	GERMANY
Tungsten	H.C. Starck Smelting GmbH & Co.KG	GERMANY
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA
Tungsten	Hydrometallurg, JSC	RUSSIAN FEDERATION
Tungsten	Japan New Metals Co., Ltd.	JAPAN

Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Moliren Ltd	RUSSIAN FEDERATION
Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC	VIET NAM
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City	CHINA
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	VIET NAM
Tungsten	Unecha Refractory metals plant	RUSSIAN FEDERATION
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.	VIET NAM
Tungsten	Wolfram Bergbau und Hütten AG	AUSTRIA
Tungsten	Woltech Korea Co., Ltd.	KOREA (REPUBLIC OF)
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA