

Monthly Newsletter

In partnership with the Department of State, ISN/CTR, NU Borders produces newsletters containing analytical assessments focused on identifying the movement of potentially illicit dual-use goods and sanctioned entities conducting business with Russia. **In this edition, NU BORDERS analyzed Russian import and export trade manifest data on the Business Intelligence for Trade Enforcement (BITE) platform to uncover any transactions involving a privately owned Russian entity, [MILANDR AO](#), that produces micro-electronics and microprocessors. Micro technology is widely used in both military and dual-use goods including, but not limited to, drones, satellites, missiles, and nuclear technology.**

Using the BITE platform, NU Borders analyzed commercially sourced Russian trade data from January 2017 through May 2021 to identify transactions involving [MILANDR AO](#) (Moscow, Russia), a company with close ties to the Russian defense sector. While MILANDR is not currently sanctioned as of August 2022, according to BITE data and MILANDR's website, MILANDR appears to share an address with the BIS-sanctioned entity (March 2022), [Scientific Research Institute NII Submikron](#).

The majority of the BITE transactions – 993 total – contain commodities listed in Chapter 85 (top HS code: ELECTRONIC INTEGRATED CIRCUITS) and many appear to be imports from logistics / freight forwarding companies based in China and Switzerland. The world's largest semiconductor producer, Taiwan-based [Taiwan Semiconductor Manufacturing Company \(TSMC\)](#), is listed as the producer in the majority of the transactions. The aggregate value of the nearly 1,000 shipments is \$28,519,693.82.



Business Intelligence for Trade Enforcement Platform

NU Borders' Business Intelligence for Trade Enforcement, BITE, platform allows compliance and enforcement teams to quickly analyze large amounts of trade and supply chain data to identify proliferation networks. Using Big Data and Deep Learning tools, the platform can quickly target entities of interest and pinpoint sources of illicit activity.

The BITE platform strengthens Strategic Trade Controls (STC). STCs governing the international transfer of military and dual-use commodities and technologies are critical to global efforts aimed at preventing the proliferation of weapons of mass destruction (WMD). The movement of military and dual-use commodities used to develop and test these systems is frequently hidden in plain sight within large-scale commercial shipping data, masked by the sheer volume of transactions.

To learn more about the BITE platform visit: www.nuborders.com/bite.

BITE Investigative Summary

Summary	At CTR's request, NU Borders LLC analyzed commercially sourced Russian import and export trade data in the BITE platform to identify transactions involving Russian entity MILANDR AO . MILANDR (Moscow, Russia) is a Russian entity that appears to have close ties to the Russian defense sector. BITE data and MILANDR's website reveal that MILANDR shares an address with the BIS-sanctioned entity (March 2022), Scientific Research Institute NII Submikron . The majority of transactions contain commodities listed in Chapter 85 (top HS code: ELECTRONIC INTEGRATED CIRCUITS) and many appear to be imports from logistics / freight forwarding companies based in China and Switzerland.
Parties of Interest	<ul style="list-style-type: none"> • MILANDR AO (Russia, consignee, shipper) is a privately-owned entity that produces micro-electronics, micro-processors with multiple Russian-based subsidiaries. • Taiwan Semiconductor Manufacturing Company, TSMC (Taiwan, producer) is a Taiwanese multinational semiconductor manufacturing and design company. • KYOCERA (Japan, producer) is a Japanese multinational ceramics and electronics manufacturer.
Reason for Listing	<ul style="list-style-type: none"> • BITE data reveals 993 shipments involving MILANDR AO, to an address that matches a currently BIS-listed (sanctioned in March 2022) entity, Scientific Research Institute NII Submikron.

Summary of Transactions

Transactions Details	Total: 993 Imports: 985 Exports: 8 (MILANDR as shipper)	Date Range: February 23, 2017 through May 3, 2021	Aggregate Value of Shipments: \$28,519,693.82	
Top Shippers	<ul style="list-style-type: none">• VENTURE ELECTRONICS TECHNOLOGY LIMITED (China)• SEV, Société des Entrepôts Vevey (Switzerland)		<ul style="list-style-type: none">• M&M INTERNATIONAL FREIGHT FORWARDING (BEIJING) CO.LTD (International, China)• LDW INTERNATIONAL TECHNOLOGY LTD. (Hong Kong)• GBL INTERNATIONAL LOGISTICS (China)	
Top Exporting Countries	China: 502 transactions Switzerland: 143 transactions Germany: 57 transactions		Hong Kong: 38 transactions Taiwan: 35 transactions U.S.: 29 transactions	
Consignee	АО “ПКК МИЛАНДР” (translated MILANDR AO) – queried using unique Tax ID: 7735040690			
Address	124498, MOSCOW, ZELENOGRAD, GEORGIEVSKY PR-T, D.5, FLOOR 2			
Top HS Codes	<ul style="list-style-type: none">• 8542399090• 8542319090	<ul style="list-style-type: none">• 8542900000• 3926909709	<ul style="list-style-type: none">• 8536908500• 8504509500	<ul style="list-style-type: none">• 8534001900• 8533210000
Top Chapters	<ul style="list-style-type: none">• Chapter 85: ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF• Chapter 39: PLASTICS AND ARTICLES THEREOF.			
Top Producers / Brands	<ul style="list-style-type: none">• Taiwan Semiconductor Manufacturing Company, TSMC (Taiwan)• KYOCERA (Japan)			
Translated Product Description	<div>1) ELECTRONIC INTEGRAL CIRCUITS / SIGNAL AMPLIFIERS - A PLATE WITH APPLIED COMPLEMENTARY STRUCTURES METAL-OXIDE-SEMICONDUCTOR MADE BY THE TECHNOLOGICAL PROCESS</div> <div>2) COPPER SPRINGS: USED FOR ASSEMBLY OF ELECTRICITY METERS COPPER SPRING- IS A COPPER SPRING LONG 13.4 MM, DIAMETER 1.0 MM. NICERF WIRELESS TECHNOLOGY CO.. LTD, CHINA N/A N/A SW868-TH13 N/A 1000</div> <div>3) PARTS OF ELECTRONIC INTEGRATED CIRCUITS: FOR APPLICATION IN MICROELECTRONICS IN MANUFACTURING OF INTEGRATED CIRCUITS; NOT SCRAP OF ELECTRICAL EQUIPMENT HOUSING KD-YB6G93</div>			