

# INTERNATIONAL BANK NOTE SOCIETY

## 2021 Bank Note of the Year (BNOY) Nominations



# 2021 Banknotes Nominated



Albania 10,000 Leke  
Azerbaijan 50 Manat  
Bahamas 100 Dollar  
Cambodia 30,000 Riel  
China 20 Yuan  
Cook Islands 3 Dollars  
Costa Rica 10,000 Colon  
Kazakhstan 20.000 Tenge  
Libya 5 Dinar  
Mexico 50 Pesos  
Oman 1/2 Rial  
Peru 100 Sol  
Romania 20 Lei  
Sao Tome and Principe 200 Dobra  
Saudi Arabia 200 Riyal  
Scotland (Bank of) 50 Pounds  
Scotland (Royal Bank) 50 Pounds  
United Arab Emirates 50 Dirhams  
United Kingdom 50 pounds  
Uzbekistan 5,000 Som

# PREVIOUS WINNERS

## Substrate of Note

**Yellow – Polymer , Orange – Paper , White – Durasafe**

**Mexico 100 Pesos (2020)**

**Aruba 100 Florin (2019)**

**Canada 10 Dollars (2018)**

**Switzerland 10 & 20 Francs (2017 & 2016)**

**New Zealand 5 Dollars (2015)**

**Trinidad & Tobago 50 Dollars(2014)**

**Kazakhstan 1000,5000,1000 Tenge (2013, 2012, 2011)**

**Uganda 50,000 Shillings (2010)**

**Bermuda 2 Dollars (2009)**

**Samoa 20 Tala (2008)**

**Bank of Scotland 50 Pounds (2007)**

**Comoros 1000 Francs (2006)**

**Faeroe Islands 1000 Kroner (2005)**

**Canada 20 Dollars (2004)**

# 2021 Nomination Statistics

POLYMER	PAPER	HYBRID
11	6	3

- ▶ **2 Vertical Oriented** (last FIVE winners all vertical)
- ▶ **14 Horizontal Oriented**
- ▶ **4 Half & Half** (one side vertical, one horizontal)
  - ▶ 8 Asia
  - ▶ 5 Europe
    - ▶ 2 North America (1 Island)
    - ▶ 2 Africa
    - ▶ 2 South America
    - ▶ 1 Australia & Oceania

# PRINTERS (Black Private)

9 De La Rue

1 Canadian Bank Note Co.

1 China Banknote Printing & Minting

1 Oesterreichische Banknoten- und Sicherheitsdruckerei

1 Orell Fusseli

1 Omulat Security Printing

1 Bank of Cambodia

1 Bank of Mexico

1 Banknote Factory Kazakhstan

1 Uzbekistan

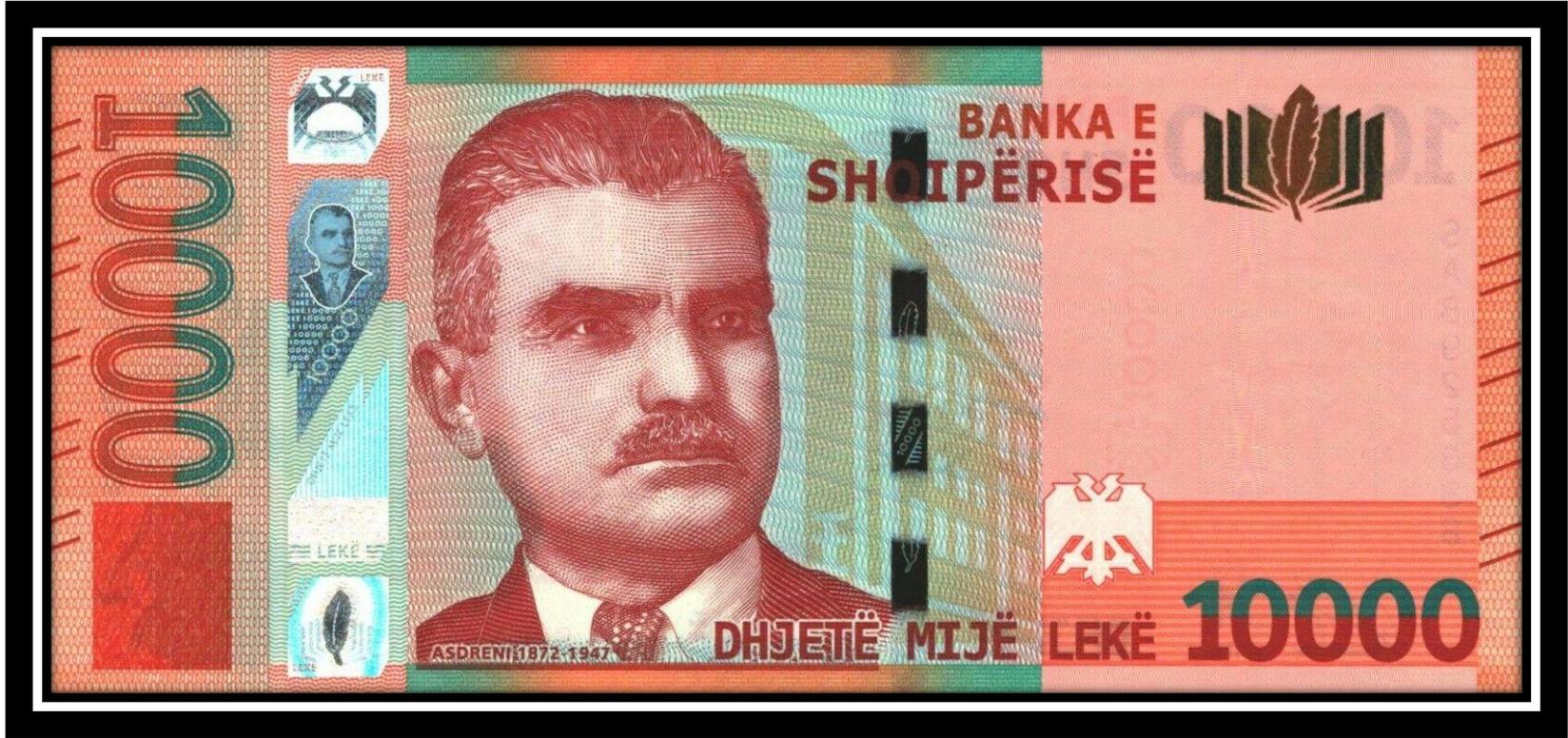
2 Unknown – see below

1 probably Giesecke–Devrient

1 either Oberthur or Omulat Security Printing

# Albania B551: 10,000 Leke (US\$ 90)

- ▶ **Front/Back:** poet Asdreni (Aleksandër Stavre Drenova), outline of Bank of Albania building, coat of arms as registration device, Albanian flag, staff of music notes emanating from trumpet of wind-up record player with verse of national anthem below.
- ▶ **Security Features:** open book and quill in gold-to-green OVI, Holographic stripe. Green-to-purple windowed security thread with demetalized 10000 and quill. Watermark: Asdreni and electrotpe 10000 with coat of arms.
- ▶ **Printer:** De La Rue
- ▶ **Size** 153 x 72 mm
- ▶ **Substrate:** Paper



10000

BANKA E  
SHQIPËRISË

S  
A  
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9

10000



*Geant Lajko*  
GUVERNATORI

*Arta*  
DREJTORI

DHJETË MIJË LEKË

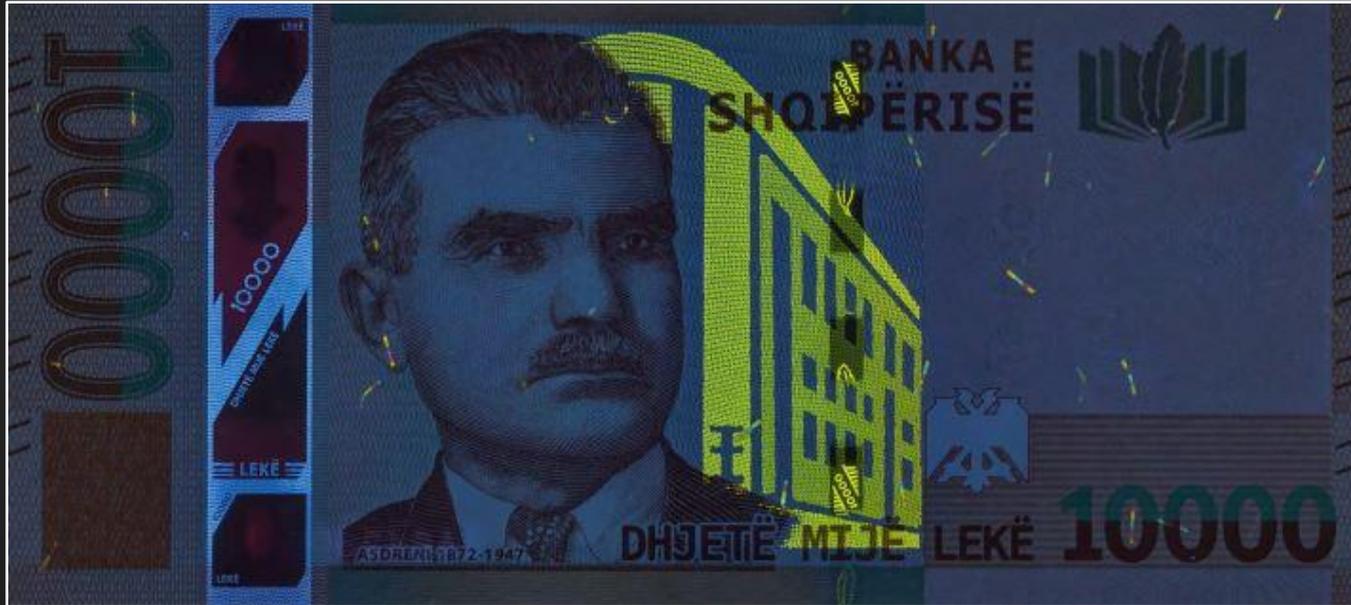
*Drejtë flamurit të përballëuar  
me një dashur e një qëllim*

2019

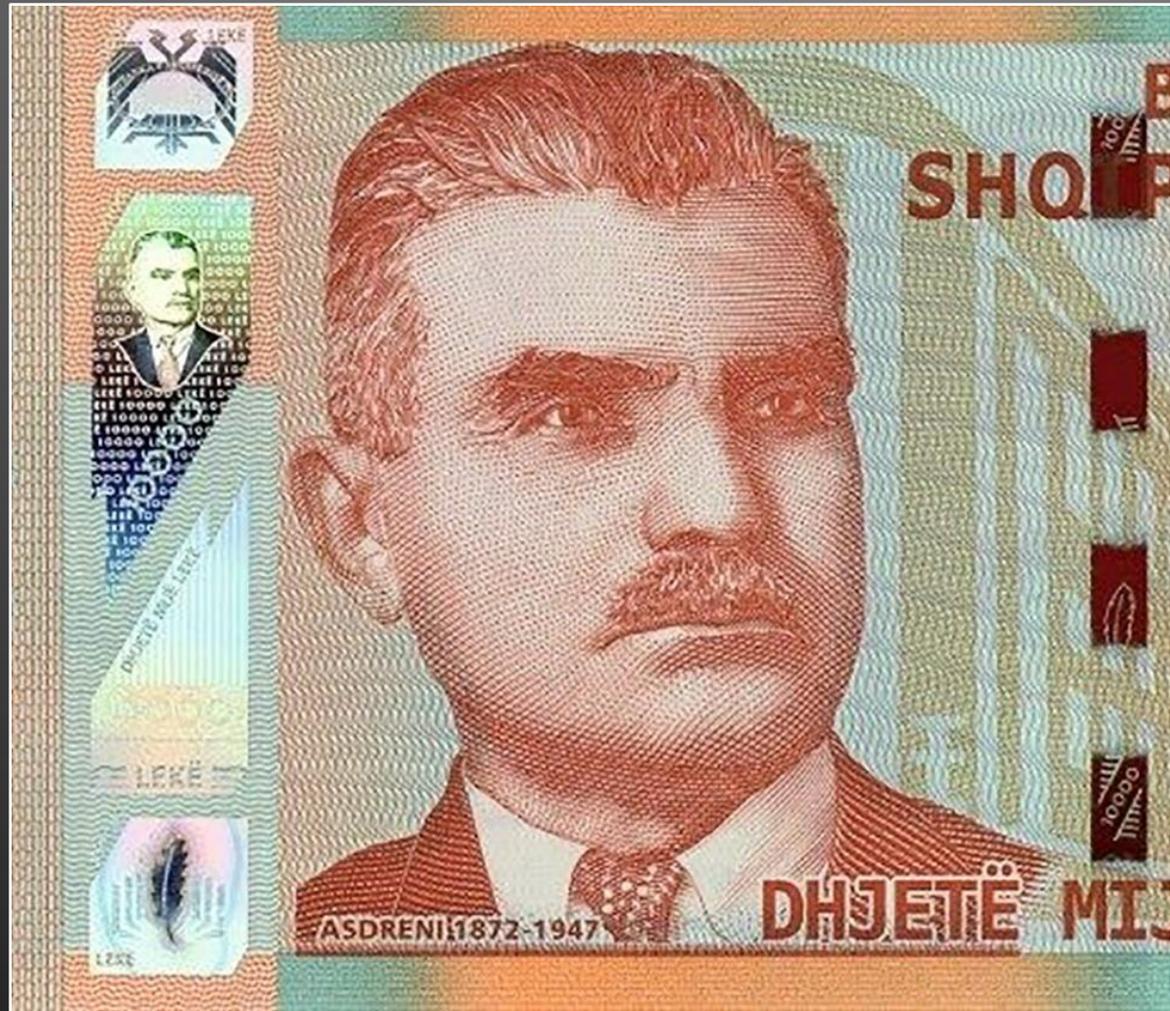
SA8925389



# UV



# Security Strip



# Azerbaijan B412: 50 Manat (US\$29)

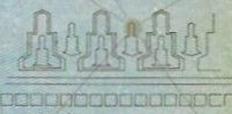
- ▶ **Front/Back:** two walking children; unknown building in background; stairs representing rising and development; ancient Azeri carpets, map of Azerbaijan, including areas gained from Armenia in the 2020 Nagorno–Karabakh war.
- ▶ **Printer:** unknown (Giesecke–Devrient?)
- ▶ **Size:** 170 x 48 mm
- ▶ **Substrate:** Paper

# Azerbaijan B412a: 50 Manat (US\$29)

- ▶ **Security:** Iridescent ink, tactile printing, microtext, latent image, Gold-to-green SPARK Live, Gold-to-green RollingStar LEAD Mix windowed security thread with demetalized AMB 50; Watermark: Coat of arms & electrotpe 50, blind embossing Watermark: Rei Amador, electrotpe butterfly, and Cornerstones. Best Applied Security Product award at the Excellence in Holography Awards 2021 for Louisenthal's RollingStar LEAD Mix.

AZƏRBAYCAN MƏRKƏZİ BANKI © AMB 2020

*Ə. R. Ə. Ə.*



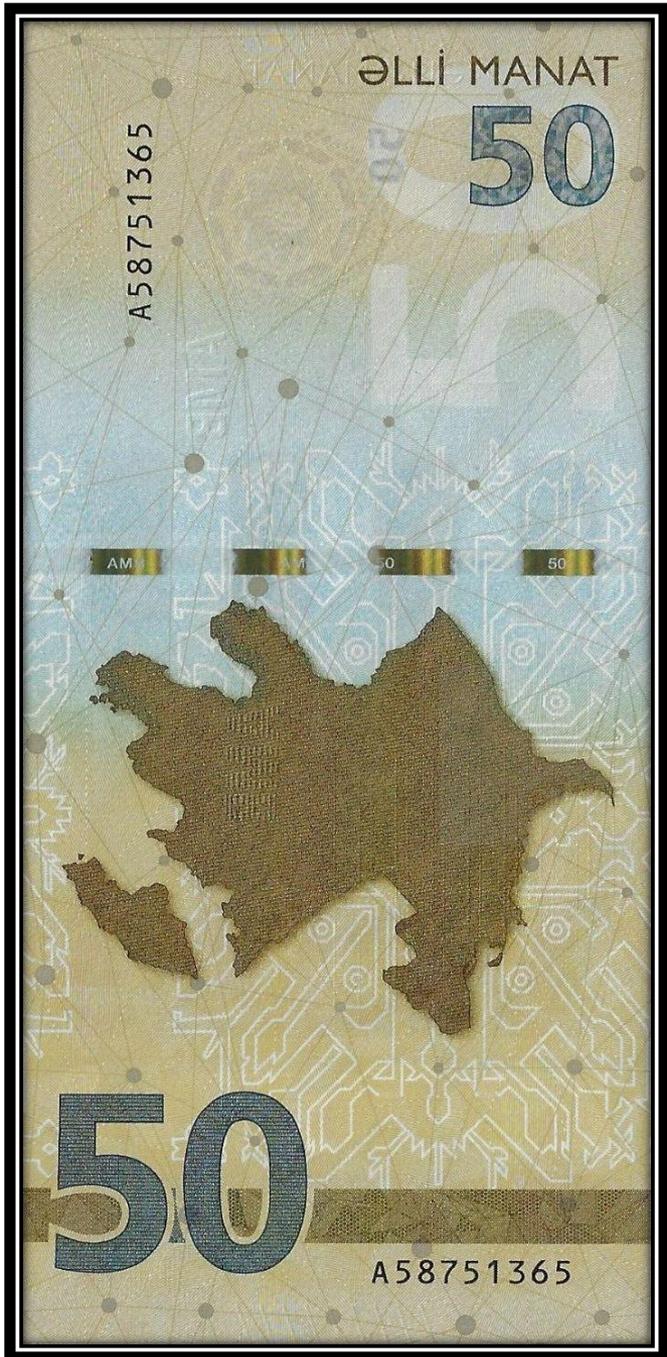
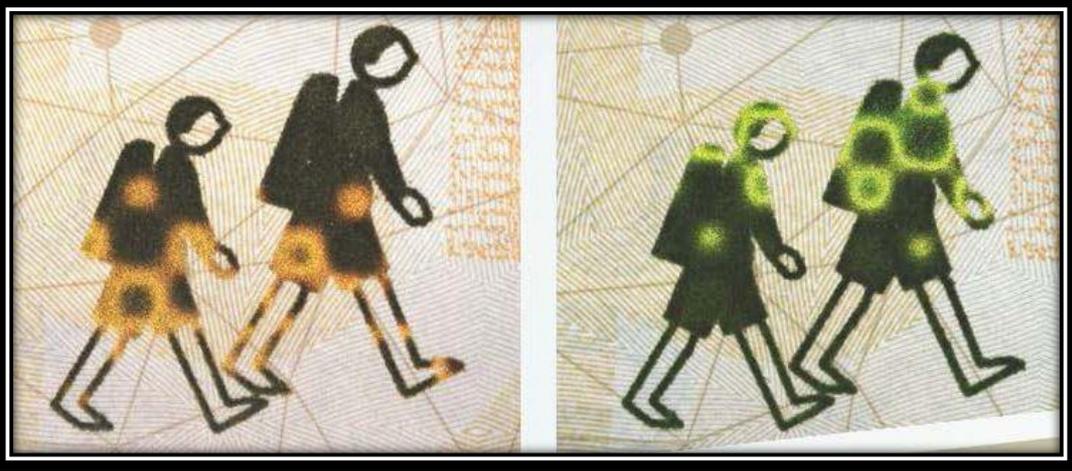
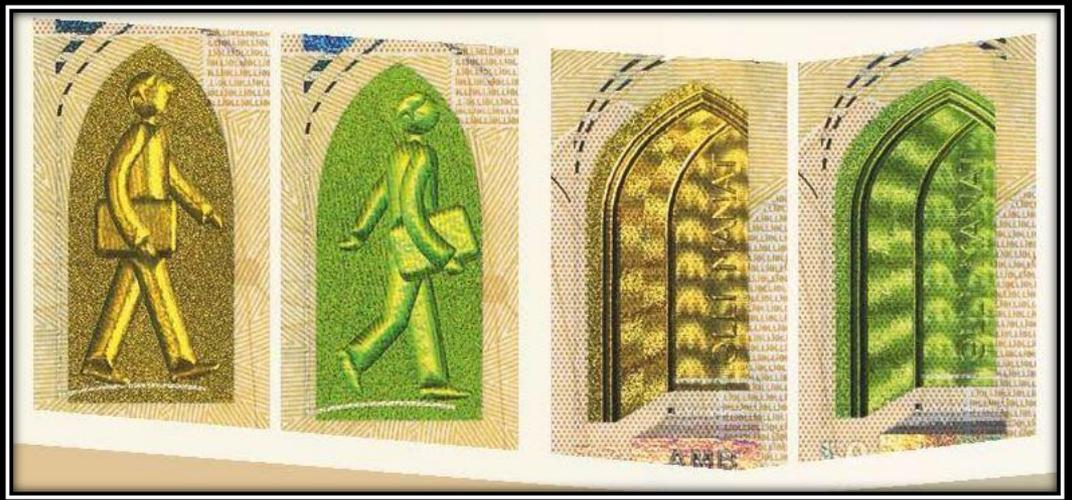
MANAT  
50

ƏLLİ MANAT



50





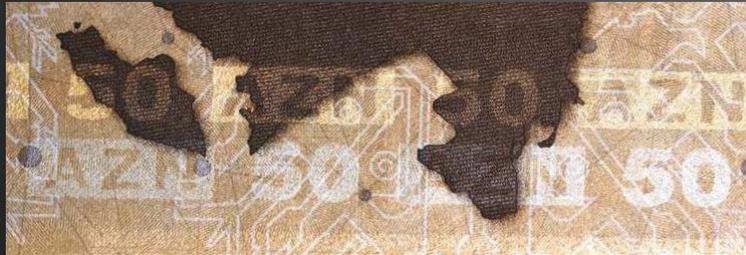
# Embossing



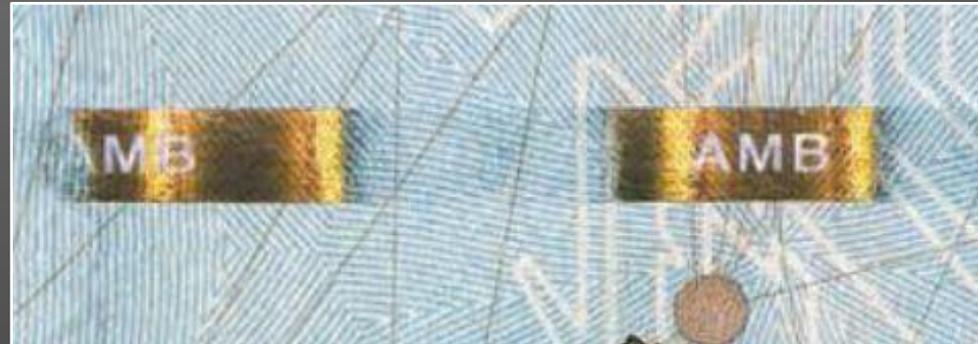
# UV Inks



# Iridescent Ink

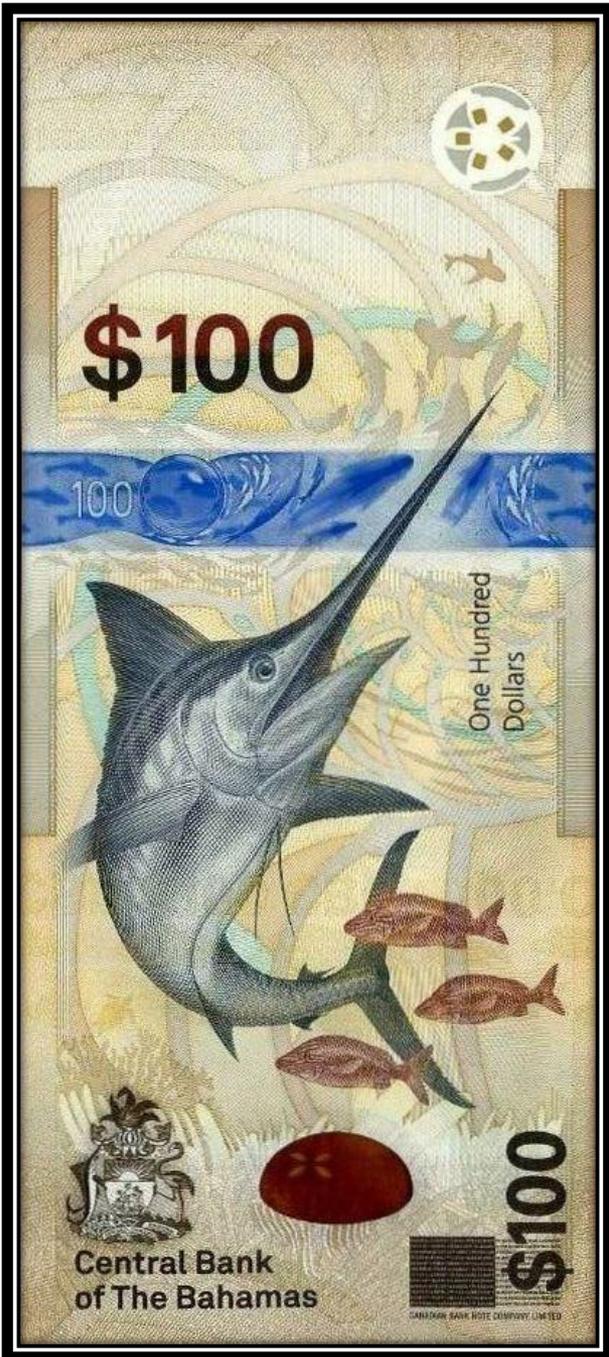


# Rolling Star Strip



# Bahamas B355: 100 Dollars (US\$100)

- ▶ **Front/Back:** sand dollar as registration Device, map, Royal Poinciana flower, Arthur Dion Hanna, sand dollars, coat of arms, blue marlin, sand dollar.
- ▶ **Security:** nautilus in SPARK Orbital OVI, Motion Surface foil, window with jellyfish, iridescent ink. Watermark: Arthur Dion Hanna and electrotype \$100
- ▶ **Printer:** Canadian Bank Note Company
- ▶ **Size:** 156 x 67 mm
- ▶ **Substrate:** composite Durasafe





# Iridescent Ink

- ▶ On Reverse



# Cambodia B435: 30,000 Riel (US\$7.30)

- ▶ **Front/Back:** Commemorates 30<sup>th</sup> anniversary of Paris Peace Accords, naga, mythical snake, King Norodom Sihanouk, flowers, Samdech Techo Hun Sen holding upright hand of Preah Borom Ratanak Kaudh, Royal Palace throne room, Eiffel Tower, Independence Monument in Phnom Penh, Cambodia.
- ▶ **Security:** TRILUMIC holographic stripe, 4-mm wide windowed security thread with demetalized
- ▶ Cleartext. Watermark: King Norodom Sihamoni and electrotype lotus flower.
- ▶ **Printer:** Banknote Printing Works of the National Bank of Cambodia
- ▶ **Size:** 170 x 75 mm
- ▶ **Substrate:** composite Durasafe



ធនាគារជាតិ វិទ្យុកម្ពុជា

អបអរសាទរទូម ៣០ឆ្នាំ  
នៃកិច្ចព្រមព្រៀងសន្តិភាពដីក្រុងប៉ារីស  
(១៩៩១-២០២១)



30000

BANQUE NATIONALE DU CAMBODGE  
2021

៣០០០០

បីម៉ឺនរៀល

៣០០០០

In 20<sup>th</sup> Anniversary des Accords de Paris sur le Cambodge (1991-2021)

# UV



# Iridescent Ink, security strip, clear window

- ▶ On Reverse



# China B4125: 20 Yuan (US\$2.90)

- ▶ **Front/Back:** National emblem of the PRC, Beijing 2022 logo, woman and man figure skaters, mountain ranges, “Ice Cube” exterior of Beijing National Aquatics Center.
- ▶ **Security:** musical score in OVI, clear window, ultraviolet reacting ink, dynamic holographic pattern, Braille denomination mark
- ▶ **Printer:** China Banknote Printing & Minting
- ▶ **Size:** 145 x 70 mm
- ▶ **Substrate:** Polymer

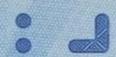


中国人民银行



20 二十元

J150312442



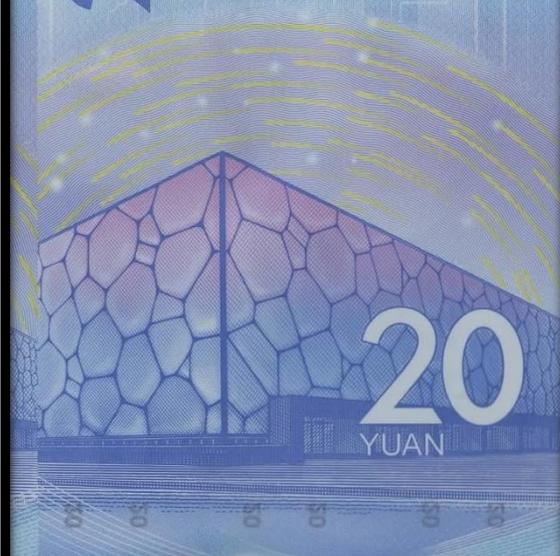
ZHONGGUO RENMIN YINHANG

中国人民银行 中国 100 | ལྷན་ཁོ་སྤྱོད་ལྷན་ཁུངས་ནང་གི་ལྷན་ཁུངས་

بىگىرە يۈەن جۇڭگو خەلق بانكىسى Cinghooz Yinzhangz ingeh cib maenz

第24届冬季奥林匹克运动会纪念

20



20  
YUAN



2022年



# UV Inks



# Cook Islands B111a: 3 Dollars (US\$2.40)

- ▶ **Front/Back:** nude Ina with coconut riding wave atop shark, pukapuka fishing canoe, native designs, god of Te-Rongo carved statue.
- ▶ **Security:** see-through polymer window, micro text, Enhanced GEMINI<sup>®</sup> is hidden behind the statue of Tangaroa, revealing the denomination and additional details under UV light.
- ▶ **Printer:** De La Rue
- ▶ **Size:** 175 x 50 mm
- ▶ **Substrate:** Polymer (Safeguard)



Cook Islands

3

3 THREE DOLLARS



*Mark Brown*

HON. MARK BROWN  
MINISTER OF FINANCE

KO TEIA KURA E KURA AKAMANA IA I RARO AKE  
I TE TURE MONI E \$3 TORU TARA

Cook Islands



3

AA310107



3

AA310107

# UV Inks



# Costa Rica B567: 10,000 Colones (US\$17)

- ▶ **Front/Back:** map of Costa Rica, soldier with rifle, José Figueres Ferrer, abolition of the army, rainforest, eriopsis orchid flower, mushroom cup, three-toed sloth, birds.
- ▶ **Security:** SPARK Orbital, Simulated solid security thread, iridescent ink, perfect register, watermark: Ferrer
- ▶ **Printer:** Orell Füssli
- ▶ **Size:** 146 x 67 mm
- ▶ **Substrate:** Polymer (Guardian)



10000

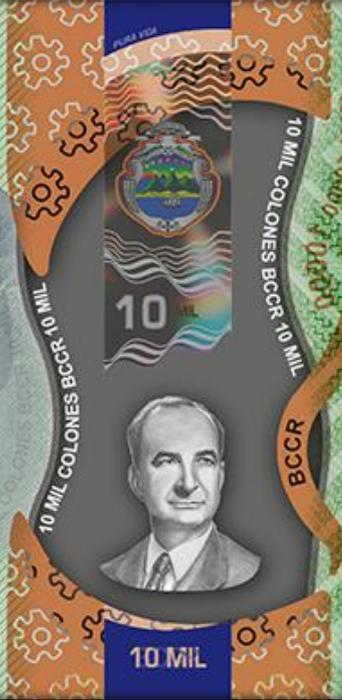
Roberto Cubero B.  
PRESIDENTE  
GERENTE

ACUERDO N° 5  
20 de setiembre de 2019  
SERIE B



10 MIL COLONES

MIL COLONES



COSTA RICA  
DIEZ MIL COLONES

10 MIL



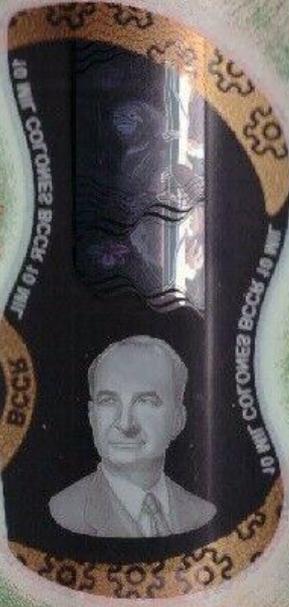
10000  
B004736226

BANCO CENTRAL DE COSTA RICA

BOSQUE LLUVIOSO

B004736226

10 MIL COLONES



Para saber más sobre el diseño  
consulte el sitio web del BCCR

Para saber más  
consulte el sitio web del BCCR

# Watermark



# Kazakhstan B152: 20,000 Tenge Largest Denomination (US\$52)

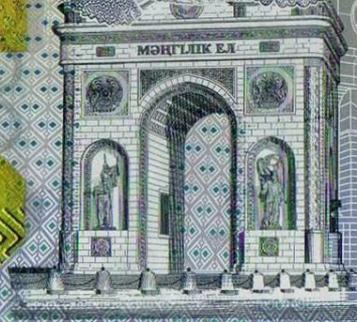
- ▶ **Front/Bank:** national emblem, Mangilik El monumental arch, flying doves & Kazakh Eli monument, flag, outline of Kazakhstan city of Nur-Sultan & the residence of the President of Akorda, President Nursultan Äbishuly Nazarbayev. Released on 30<sup>th</sup> Anniversary of Independence.
- ▶ **Security:** holographic image of Nazarbayev, SPARK Flow, demetalized strip along the vertical of the note with holographic images of the denomination, 30<sup>th</sup> anniversary logo, and Tokayev, blind embossing, OVI, watermark: 20000
- ▶ **Printer:** Banknote Factory of the National Bank of Kazakhstan
- ▶ **Size:** 155 x 79 mm
- ▶ **Substrate:** composite (Durasafe) ▶

QAZAQSTAN ULTTYQ BANKI



AA2992754

JIYRMA MYŃ  
TENGE



AA2992754



2021

30

ТӘУЕЛСІЗДІК ЖҮЛДАРЫ  
ҚАЗАҚСТАН

20000



NURSULTAN NAZARBAEV  
QAZAQSTAN RESPYBLIKASYNYN  
TUNGYSH PREZIDENTI - ELBASY

20000

JIYRMA MYŃ TENGE

# Holographic Patch

# 2 Angles



# Libya B551 : 5 Dinar (US\$3.65)

- ▶ **Front/Back:** Omar Mukhtar, Ottoman clock tower in Tripoli's old town medina, Zeus temple in Cyrene.
- ▶ **Security:** Simulated solid security thread with demetalized 5, clear window with Omar Mukhtar, Mask hidden feature, Gemini UV, 1<sup>st</sup> note to use Argentum silver ink
- ▶ **Printer:** De La Rue
- ▶ **Size:** 139 x 73 mm
- ▶ **Substrate:** Polymer (Safeguard)

2 ٧ 1962709

مِصْرَ لِيَبْنِيَا الْمَرْكَزِي

5

هَذِهِ الْأُورَاقُ التَّقْدِيمِيَّةُ صَالِحَةٌ قَانُونًا لِلسَّيْرَاءِ أَيَّ مَبْلَغٍ



خَمْسِيَّةٌ دَانَانِيَّةٌ

صَدَرَتْ بِمَوْجِبِ الْفَسَّافُونَ  
عَنْ مِصْرَ لِيَبْنِيَا الْمَرْكَزِي



2 ٧ 1962709

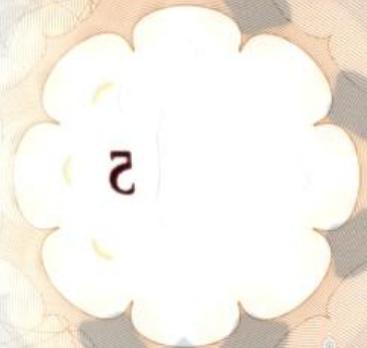
المحافظ

5

5

CENTRAL BANK OF LIBYA

FIVE DINARS



5

# UV



# Mexico B714: 50 Pesos (US\$2.60)

- ▶ **Front/Back:** City of Tenochtitlan, from Diego Rivera's mural, "La Gran Tenochtitlan," eagle perched on cactus with "Atl tlachinolli" in its beak, from fragment of monolith known as "Teocalli de la Guerra Sagrada" (pyramid surmounted by the temple of the sacred war), ecosystem of rivers and lakes, Mexican salamander (ajolote), corn field near Xochimilco, Mexico City.
- ▶ **Security:** Gold to Jade SPARK denomination, simulated security thread with printed 50 PESOS Touch-sensitive reliefs, Linear backgrounds, Multicolor denomination, Element changes color, Fluorescent inks, Transparent window with tactile dots for the visually impaired
- ▶ **Printer:** Banco de Mexico
- ▶ **Size:** 125 x 65 mm
- ▶ **Substrate:** Polymer (Guardian)

50 PESOS

50

AB5080350

BANCO DE MÉXICO



LA GRAN TENOCHTITLAN VUELA DESDE EL MERCADO DE TLAZOTELOTLIN DE GO. MEXICO



TICALLI DE LA GUERRA SAGRADA

50

Fundación de Tenochtitlan, representando el periodo histórico del México Antiguo.

JUNTA DE GOBIERNO

CAJERO PRINCIPAL

CIUDAD DE MÉXICO, 31 MAR. 2021

Cincuenta Pesos



BANCO DE MÉXICO

50

Ecosistema de ríos y lagos, con el ajolote y el maíz, en Xochimilco en la Ciudad de México, patrimonio cultural de la humanidad.

Cincuenta Pesos

50 Pesos

# UV Inks



# SPARK 2 Different Angles



# Oman B239: 1 / 2 Rial (US\$1.30)

- ▶ **Front/Back:** Ain Kour waterfall and lake, frankincense (kinder) tree (*Boswellia sacra*) and Omani arms with crossed swords and khanjar (dagger) on front. Sooty falcon and Arabian leopard on reverse.
- ▶ **Security:** Combifluo solid security stripe, watermark, 2 tactile shapes at margin for visually impaired, Arabic & English microprinting, see-through (khanjar)
- ▶ **Printer:** Probably Oberthur (Combifluo security strip is Oberthur trademark) or Omulat.
- ▶ **Size:** 135 x 65 mm
- ▶ **Substrate:** Paper



البنك المركزي العماني

هذه الورقة النقدية لها قيمة قانونية ومقدارها

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نصف ريال



تيمور سعد  
رئيس مجلس المحافظين

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CENTRAL BANK OF OMAN

1/2



1/2 RIAL

1441H / 2020G



HALF RIAL

# UV Inks



# Peru B540: 100 Sol (US\$24.70)

- ▶ **Front/Back:** Pedro Paulet, colibrí (hummingbird) Cola de Espátula, coat of arms, orquidea (orchid flower) Phragmipedium kovachii.
- ▶ **Security:** fuschia-to-green SPARK element, fuschia-to-green windowed security thread with demetalized 100 BCRP. Watermark: Pedro Paulet, pixelated background, and electrotype 100
- ▶ **Printer:** De La Rue
- ▶ **Size:** 140 x 65 mm
- ▶ **Substrate:** Polymer (Safeguard)

BANCO CENTRAL DE RESERVA DEL PERÚ

CIEN SOLES

*[Signature]*  
PRESIDENTE

*[Signature]*  
DIRECTOR

*[Signature]*  
GERENTE GENERAL



100

A9741682A

21 DE MARZO DE 2019

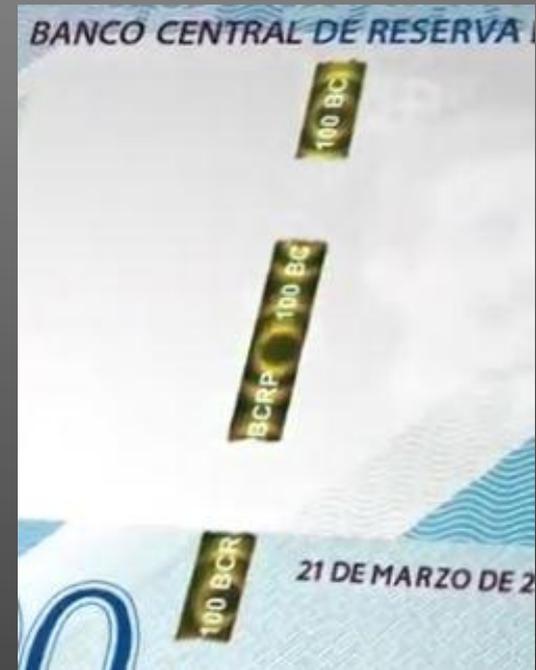
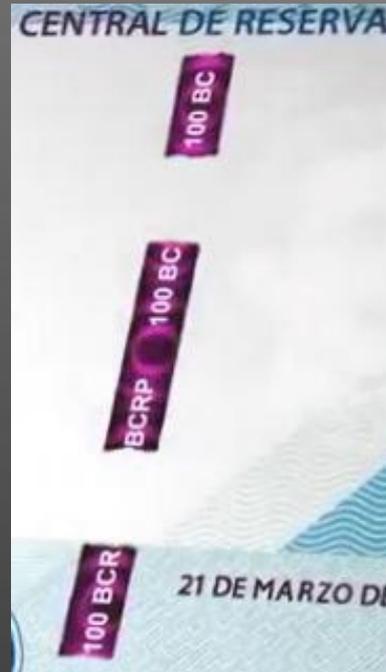
100

A9741682A

PEDRO PAULET



# Watermark Security Strip



# UV Ink



# Romania B218: 20 Lei (US\$6)

- ▶ **Front/Back:** rhino head, coat of arms, bugle & Military Virtue medal, infantry weapon insignia as registration device, crocus flowers (*Crocus flavus*), BNR monogram, badge of the Romanian Scouts Association, Catherine Teodoroiu (WW I heroine & 1<sup>st</sup> woman on Romanian note) wearing uniform, fleur-de-lis, winged Victory holding sword, from Victory Medal, Mausoleum of Mărășești, fleur-de-lis, infantry weapon insignia, bugle and Military Virtue medal; BNR monogram.
- ▶ **Security:** Simulated solid security thread, G-Switch, iridescent ink, magnetic security thread, OMRON, shadow image, latent image, see-through
- ▶ **Printer:** Oesterreichische Banknoten- und Sicherheitsdruckerei
- ▶ **Size:** 136 x 77
- ▶ **Substrate:** Polymer (Guardian)



BANCA NAȚIONALĂ A ROMÂNIEI



20



1 decembrie 2021

GUVERNATOR CASIER CENTRAL

20 LEI DOUĂZECI

DOUĂZECI LEI

ECATERINA TEODOROIU 1894-1917

20

212E0174645



BANCA NAȚIONALĂ A ROMÂNIEI



212E0174645



INTRU / LAVA ESOILOR NEANULUI

FALSIFICAREA ACESTOR BILETE  
SE PEDEPSEȘTE CONFORM LEGII



DOUĂZECI LEI 20

# Iridescent Inks – Back



# UV Inks – Back



# Sao Tome and Principe B316 200 Dobra (US\$9.65)

- ▶ **Front/Back:** butterflies, Rei Amador; coat of arms, Chibi-ficha (*Anabathmis hartlaubii*) Príncipe sunbird perched on branch, map of Sao Tome and Principe, flower.
- ▶ **Security:** butterfly as registration Device, PUREIMAGE Holographic windowed security thread with demetalized 200. Watermark: Rei Amador, electrotpe butterfly, and Cornerstones, microtext.
- ▶ **Printer:** De La Rue
- ▶ **Size:** 155 x 67 mm
- ▶ **Substrate:** Paper



BANCO CENTRAL DE S. TOMÉ E PRÍNCIPE

200

AF0084635

Decreto-Lei n.º 27/2020  
de 23 de Dezembro de 2020

Orlando Tarraz do Santo Váze  
MINISTRO DO PLANEAMENTO,  
FINANÇAS E ECONOMIA AZUL  
Américo Soares de Barros  
O GOVERNADOR

REI AMADOR

AF0084635  
DUZENTAS DOBRAS

BANCO CENTRAL DE S. TOMÉ E PRÍNCIPE

Chibificha

200

200

200



0°

Equador

DUZENTAS DOBRAS

# UV Inks – Front





# Saudi Arabia B201: 200 Rial (US\$53.33)

- ▶ **Front/Back:** King Abdul Aziz Al Saud, Qasr Al-Hukm government building in Riyadh City.
- ▶ **Security:** SPARK, holographic stripe, Motion windowed security strip, tactile feature for the visually impaired, phosphorescent & fluorescent inks, Omron Rings, cornerstones, watermark: King Abdul Aziz
- ▶ **Printer:** De La Rue
- ▶ **Size:** 163 x 73 mm
- ▶ **Substrate:** Paper

٠٥٧٨١٧٠٧٥

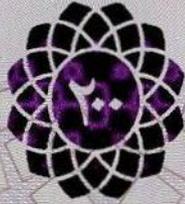
البنك المركزي السعودي

رؤية  
VISION 2030

المملكة العربية السعودية  
KINGDOM OF SAUDI ARABIA



A 057817075



١٤٤٢م

نعم للبارئ  
ألم يخلقنا

مئتا ريال

الجزء محمد بن  
عبد العزيز

SAUDI CENTRAL BANK

200



2021

200

TWO HUNDRED  
RIYALS



# UV Inks



# Watermark



# Scotland (Bank of) B-NL: 50 Pounds (US\$68.37)

- ▶ **Front/Back:** Sir Walter Scott, Bank of Scotland Headquarters on The Mound, Kelpies, The Falkirk Wheel (1 of 2 boat lifts in the UK and the only rotating boat lift in the world)
- ▶ **Security:** Transparent windows with ROTATE, transparent vertical stripe, red to yellow holographic foil strip, Spark<sup>®</sup> denomination numeral "50", microprinting, GEMINI UV ink, see through, raised dots for visually impaired
- ▶ **Printer:** De La Rue
- ▶ **Size:** 146 x 77 mm
- ▶ **Substrate:** Polymer (Safeguard)

£50

AE746618

Bank of Scotland plc promises to pay  
the Bearer on demand fifty pounds sterling  
at its registered office, Edinburgh  
1st June 2020

AE746618  
BANK OF SCOTLAND



By order of the Board

*John G. Macfarlane*

Governor

*James G. Stewart*

Treasurer

50

Sir Walter Scott



# UV Inks



# Holographic Strip

- ▶ .Tilted at 2 Angles



# Scotland (Royal Bank) B-NL: 50 Pounds (US\$68.37)

- ▶ **Front/Back:** Ladies Bedstraw flowers with tiny midge, educator Miss Flora Clift Stevenson, background picture of Randolph Crescent, ospreys in flight with mackerel in talon.
- ▶ **Security:** SPARK, clear window with holographic foil, security strip, UV ink showing “gird & cleek” or “hoop & hook” (playground toy), microprinting, enhanced GEMINI UV ink, see through, 4 raised dots for visually impaired
- ▶ **Printer:** De La Rue
- ▶ **Size:** 146 x 77 mm
- ▶ **Substrate:** Polymer (Safeguard)

£50

AC389508

FIFTY FIFTY FIFTY FIFTY

50

The Royal Bank of Scotland plc  
promises to pay the bearer on demand

**Fifty Pounds**

**Sterling**

at its Head Office here in Edinburgh  
by order of the Board 27th May 2020

*K. G. Blair*  
Chief Executive Officer

*'What Miss Stevenson did not know about education,  
is not worth knowing.'*

 **Royal Bank of Scotland**

£50

Miss Stevenson  
1800-1865

AC389508



Royal Bank of Scotland

£50



*Chòròs òr bhàn isò muntain,  
Sòrò / sòp along isò glen,  
Neil Munro*

Fifty Pounds  
Sterling



# UV Inks



# UV Inks



# United Arab Emirates B253: 50 Dirhams (US\$14)

- ▶ **Front/Back:** Emirates logo, Wahat Al Karama (memorial to the martyrs of the Emirates), seven founding fathers standing with flag after signing the union document, Sheikh Zayed bin Sultan Al Nahyan, Sheikh Zayed bin Sultan signing the union agreement, Etihad Museum.
- ▶ **Security:** registration device, Braille embossing for the visually impaired, UV reacting ink, metallic ink
- ▶ **Printer:** Oumolat Security Printing
- ▶ **Size:** 151 x 64 mm
- ▶ **Substrate:** Polymer (Safeguard)

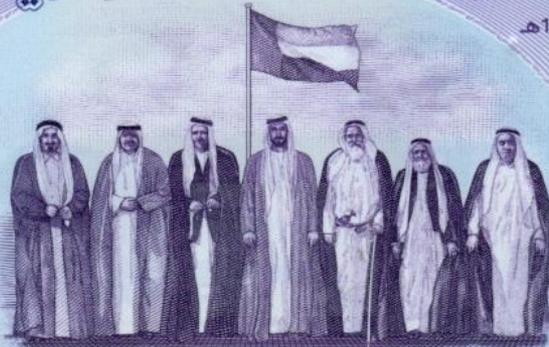
# مصرف الإمارات العربية المتحدة المركزي

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الإمارات  
THE EMIRATES



## خمسون درهماً

منصر بن زايد  
رئيس مجلس الإدارة

ورقة نقدية مضمونة القيمة بموجب القانون

CENTRAL BANK OF THE UNITED ARAB EMIRATES

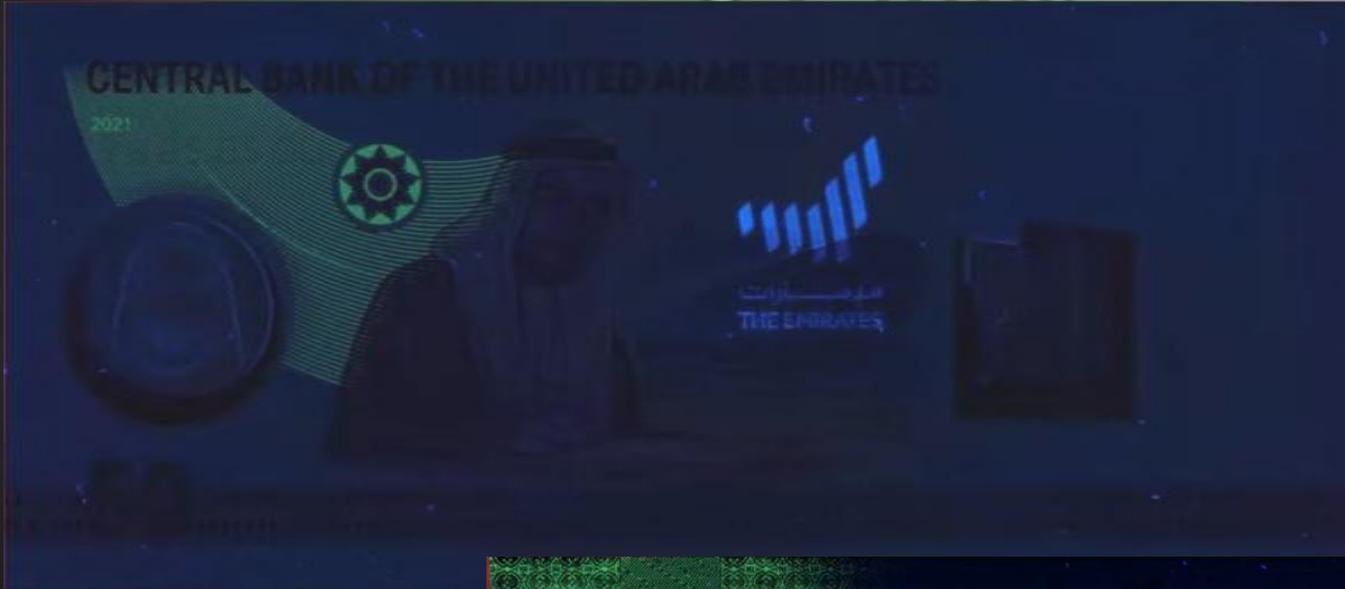
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# UV Inks



# Metallic Ink



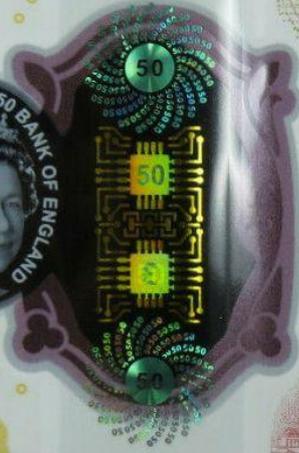
# United Kingdom B206: 50 Pounds (US\$69.34)

- ▶ **Front/Back:** Queen Elizabeth II, Alan Turing mathematical table & formulae from Turing's paper "On Computable Numbers, with an application to the Entscheidungsproblem", (ACE) Pilot Machine (1 of the 1st electronic stored-program digital computers), background images of technical drawings from the "ACE Progress Report", ticker tape of Turing's birth date in binary code, drawings for the "British Bombe" (machine used to break Enigma-enciphered messages).
- ▶ **Security:** Kurz Kinegram Colors holographic stripe and watermark (shadow image), UV ink
- ▶ **Printer:** De La Rue
- ▶ **Size:** 146 x 77 mm
- ▶ **Substrate:** Polymer (Safeguard)

£50

LONDON  
FOR THE GOVERNOR AND COMPANY  
OF THE BANK OF ENGLAND

Sarah John  
CHIEF CASHIER



Bank of England

I PROMISE TO PAY THE BEARER ON DEMAND THE SUM OF FIFTY POUNDS.

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£50

Fifty Pounds

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Bank of England

50

AA03 921210

Final  
m-config. Symbol Operations m-config.

$q_i$	$S_i$	$PS_t, L$	$q_m$	$(N_1)$
$q_i$	$S_i$	$PS_t, R$	$q_m$	$(N_2)$
$q_i$	$S_i$	$PS_t$	$q_m$	$(N_3)$

$q_1 S_0 S_1 R q_2; q_2 S_0 S_0 R q_3; q_3 S_0 S_2 R q_4; q_4 S_0 S_0 R q_1;$



Alan Turing

Fifty Pounds

This is only a foretaste of what is to come  
and only the shadow of what is going to be

© THE GOVERNOR AND COMPANY OF THE BANK OF ENGLAND 2020



£50



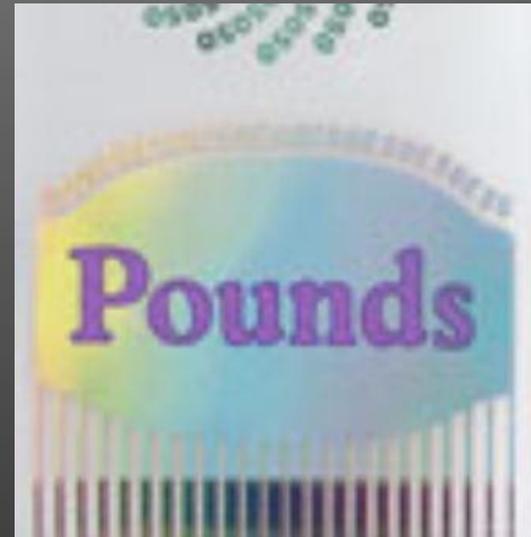
AA03 921210

Alan Turing 1912-1954

Hologram  
Angle 1



Angle 2



# Hologram See-Through Window

Angle 1                      Angle 2



# UV Inks



# Uzbekistan B21 8: 5,000 Som (US\$.55)

- ▶ **Front/Back:** winged leopard as registration device, Sherdor Madrasasi in Samarqand, caravan routes on map of Uzbekistan, textile patterns, coat of arms, (Bukhara Arch) Afrosiyob archaeological monument, 10th-century tray and jug from Afrosiab, winged leopard, embroidery design.
- ▶ **Security:** denomination in magenta-to-green OVI, 2-mm wide windowed security thread with demetalized UZB, Watermark: Camel & eletrotype 5000, embossed images, latent image, Omron Rings
- ▶ **Printer:** Uzbekistan
- ▶ **Size:** 142 x 69 mm
- ▶ **Substrate:** Paper

5000

O'ZBEKISTON RESPUBLIKASI MARKAZIY BANKI



CW0072095



SHERDOR MADRASASI SAMARQAND

CW0072095

BESH MING SO'M

O'ZBEKISTON SO'MI RESPUBLIKA HUDUDIDA  
HAMMA TO'LOVLAR UCHUN O'Z QIYMATI BO'YICHA  
QABUL QILINISHI SHART

5000

O'ZBEKISTON RESPUBLIKASI MARKAZIY BANKI

2021

BESH MING  
SO'M



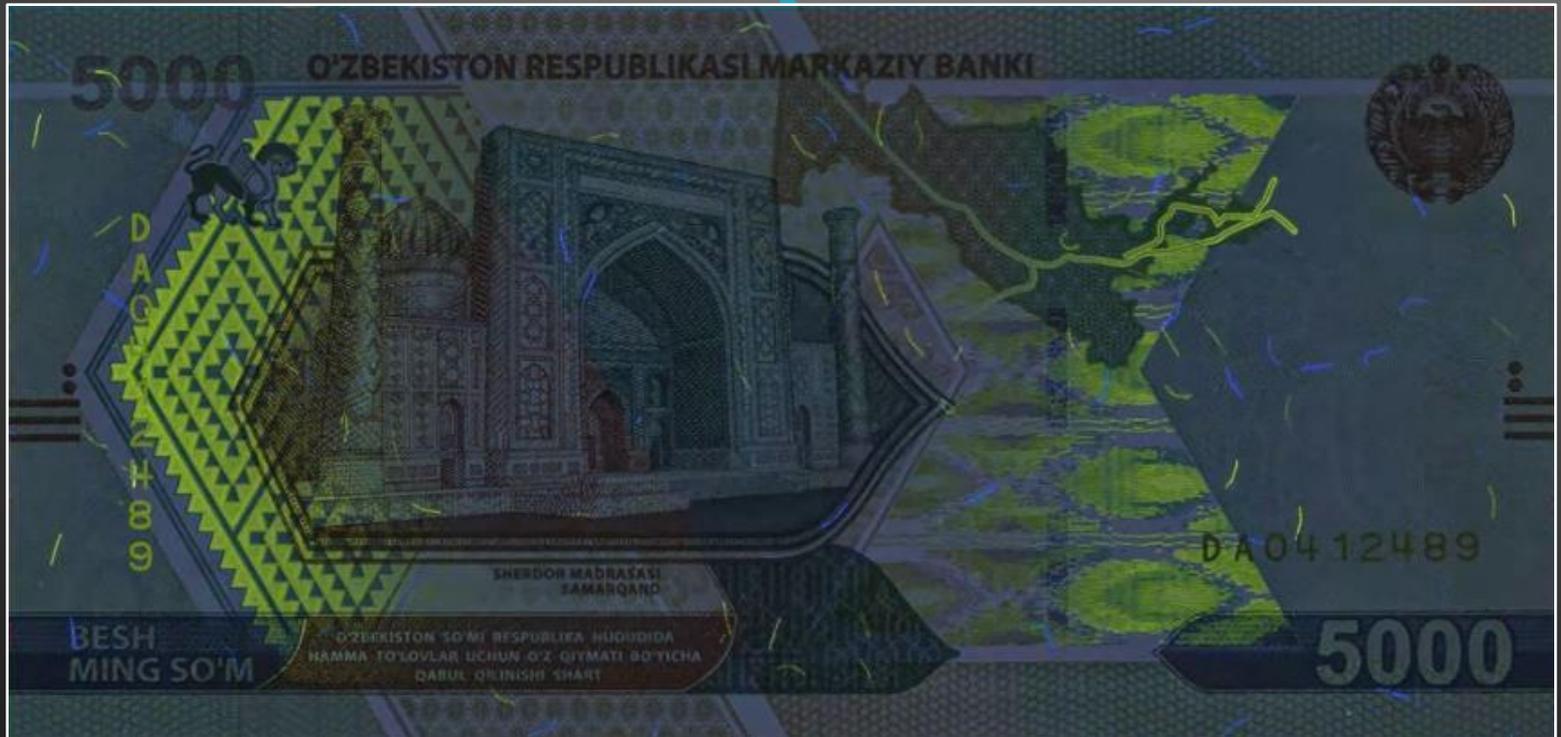
5000

AFROSIYOB ARXEOLOGIYA YODGORLIGI

O'ZBEKISTON SO'MINI QALBAKILASHTIRISH QONUNGA MUVOFIQ TA'QIB QILINADI

5000

# UV Inks – Front



# UV Inks – Back



# Back light

## Watermark & security strip

