

LexisNexis® Bankers Almanac® Global Payments File ERP XML

XML File Specifications

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Document History

Date Updated	Description
23 January 2020	Addition of Holy See (Vatican City State) bank code identifier
13 September 2019	Addition of DR Congo bank code identifier (CDRN)
16 July 2019	Addition of Iraq ACH code.
1 July 2019	Added one new bank code identifier for Indonesia (IDRN2)
28 May 2019	Added one new bank code identifier for Bolivia (BORN2).
20 March 2019	Added four new elements (sanctions flags) to the schema
3 June 2020	Addition of Egyptian IBAN code.
16 June 2020	Daily updates are made available for the file.
27 July 2020	Addition of new bank codes for Bangladesh (BDRN2), India (INID), and Nigeria (NGRN2).
5 August 2020	Addition of five-digit Swedish Clearingnummer (SECL) for Swedbank in Sweden.
14 September 2020	Addition of Nigerian NIBSS Instant Payment (NIP) ID
07 October 2020	Addition of new bank codes for Ghana (GHID), Guatemala (GTRN6), Switzerland (CHRN2), and Liechtenstein (CHRN2).
15 November 2020	Modification to the header of the file to indicate countries that lack national clearing codes and instead use SWIFT/BIC for local as well as domestic payments.
1 December 2020	Addition of new bank codes for Libya (LYRN) and Vietnam (NAPAS ID Number). Code type amendment for Angola to distinguish between the four-digit and eight-digit codes.
11 January 2021	Addition of new bank branch code for Nepal (NPRN2). Bahamas eight-digit transit number amendment.
19 January 2021	The header of the update file will display all countries present within the file, with the attribute from November, indicating if the country in question uses SWIFT/BICs for local as well as domestic payments.
3 February 2021	Addition of new bank code for Indonesia (IDRN3).
2 March 2021	Addition of new bank branch code for Burundi (BIRN2). Removal of bank code for Burundi (BIRN).
31 March 2021	Addition of new IBAN bank code for Portugal (NIB2). Removal of bank codes for Aruba (AWRN1 & AWRN2).
October 2021	Addition of Sudanese SDRN code set
March 2022	Addition of Chinese CNRN2 code set

August 2022

Addition of Tanzanian sort code TZRN2. Addition of HKRN and HKRN2 for Macau. Addition of CNRN, CNRN2, HKRN and HKRN2 for Malaysia.

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Bankers Almanac Global Payments File ERP

The XML file contains the following tags in this hierarchy (as is usual in XML files, there is no necessary sequence of tags of the same level):

Level 1	Level 2	Level 3	Attribute for Tag	Explanation	Mandatory Tag	Mandatory Content
<DATAROOT>				Root-tag	Y	-
			DATE	yyyymmdd		Y
			FREQUENCY	DAILY / MONTHLY		Y
			DBCONTENT	CONSOLIDATED (with Actions: A, M, D) or DELTA (with Actions: A, M, D)		Y
			COUNTER	Number of bank records in the file, that is equal to		COUNTER
			PREVIOUSFILEDATE	Date of previous file yyyymmdd		Y
			PREVIOUSDBCONTENT	CONSOLIDATED (with Actions: A,M,D,) or DELTA (with Actions: A,M,D)		
<NEWCOUNTRIES>				Appears only if a country appears in the file for the very first time	N	-
	<COUNTRY>					
		<ISO>		CHAR 2 ISO		
		<BIC_ONLY>		CHAR 1 (with Actions: Y or N) For countries that lack national bank codes and instead use SWIFT/BICs for local as well as domestic payment a 'Y' will be present	Y	Y
<BANK>					N	-
	ACTION			"A" = first time appearance (a new record) "D" = Bank is closed "M" = Modified		Y
	<COUNTRY>			CHAR 2 ISO	Y	Y
	<KEYVALUE>			CHAR 15	Y	Y
	<NAME>				Y	Y

Level 1	Level 2	Level 3	Attribute for Tag	Explanation	Mandatory Tag	Mandatory Content
	<COUNTRYC SP>			CHAR 2	N	
	<CITY>				N	
	<BIC>			Always CHAR 11, ending XXX if necessary	*	*
		PREFERRED		1 = "yes, it is the main entry" and 0 = "no"		Y
	<NATID>				*	*
		PREFERRED		1 = "yes, it is the main entry" and 0 = "no"		Y
	<NATIDTYPE>				Y	Y
	<BRANCH>				N	
	<ADDRESS>				N	
	<POSTCODE >				N	
	<POBOX>				N	
	<PHONE>				N	
	<FAX>				N	
	<EMAIL>					
	<LOC_ID>			CHAR 8	Y	Y
	<HO_LOC_ID >			CHAR 8	Y	Y
	<BRANCH>				N	
	<SANCTIONS_EU>			CHAR 1	Y	Y
	<SANCTIONS_HMT>			CHAR 1	Y	Y
	<SANCTIONS_OFAC>			CHAR 1	Y	Y
	<SANCTIONS_UN>			CHAR 1	Y	Y

* One of the two tags BIC or NATID must exist and contain a non-blank value.

XML Schema

```
<?xml version="1.0" encoding="UTF-8" ?>
<DATAROOT DATE="yyyymmdd" FREQUENCY="Periodicty" COUNTER="1" DBCONTENT="Content"
PREVIOUSFILEDATE="yyyymmdd" FILENAME="yyyymmdd_PeriodicityContent">
  <NEWCOUNTRIES>
    <COUNTRY>
      <ISO>ISO country code</ISO> (limited to 2 characters)
      <BIC_ONLY>Set to Y or N</BIC_ONLY> (limited to 1 character)
    </COUNTRY>
  </NEWCOUNTRIES>
  <BANK ACTION="Mutation code"> (limited to one character)
    <COUNTRY>ISO country code</COUNTRY> (limited to two characters)
    <KEYVALUE>File key</KEYVALUE> (limited to 15 numbers)
    <NAME>Financial Institution Name</NAME> (limited to 35 characters)
    <COUNTRYCSP>State/Province/Region Abbreviation</COUNTRYCSP>
    (limited to three characters)
    <CITY>City Name</CITY> (limited to 30 characters)
    <BIC PREFERRED=" "(limited to one number) >SWIFT/BIC Code</BIC>
    (limited to 11 characters)
    <NATID PREFERRED=" "(limited to one number) >National Bank Code</
    NATID> (limited to 15 characters)
    <NATIDTYPE>National Bank Code Type</NATIDTYPE>
    (limited to 10 characters)
    <BRANCH>Branch Name</BRANCH> (limited to 70 characters)
    <ADDRESS>Street + number</ADDRESS> (limited to 35 characters)
    <POSTCODE>/>postal or mailing code (limited to 15 characters)
    <POBOX>/>Mailing Address (limited to 35 characters)
    <PHONE>/>telephone number (limited to 35 characters)
    <FAX>/>fax number (limited to 35 characters)
    <EMAIL>/>email address (limited to 70 characters)
    <LOC_ID>Location ID</LOC_ID> (limited to 8 characters)
    <HO_LOC_ID>Head office location ID</HO_LOC_ID> (limited to 8 characters)
    <SANCTIONS_EU>Set to Y or N</SANCTIONS_EU> (limited to 1 character)
    <SANCTIONS_HMT>Set to Y or N</SANCTIONS_HMT> (limited to 1 character)
    <SANCTIONS_OFAC>Set to Y or N</SANCTIONS_OFAC> (limited to 1 character)
    <SANCTIONS_UN>Set to Y or N</SANCTIONS_UN> (limited to 1 character)
  </BANK>
```


XML Tag Definitions

The XML file uses characters according to the ISO UTF-8 definition. The file is compressed with the gzip algorithm.

```
<?xml version="1.0" encoding="UTF-8" ?>
```

Level 1 – File Header

DATAROOT DATE

The file header will indicate the DATE of the file in the format `yyyymmdd`.

FREQUENCY

The FREQUENCY will indicate the update frequency of the file, which is daily or monthly. The values “D” – daily or “M” – monthly will be found.

COUNTER

COUNTER provides a record count of the file.

DBCONTENT

DBCONTENT indicates whether the file is a consolidated or full file indicated by the value “C” or whether it is a delta or add/change/delete file indicated by the value “D”.

PREVIOUSFILEDATE

PREVIOUSFILEDATE indicates the date of the file created before the current one. The format of the date is `yyyymmdd`.

Level 2 – FILENAME

FILENAME indicates the name of the file. The naming convention for the monthly and daily file is as follows:

Monthly File		Daily File	
Monthly full file	<code>yyyymmdd_MC</code>	Full file**	<code>GPF_ERP_DAILY_MC_yyyymmdd</code>
Monthly delta file	<code>yyyymmdd_MD</code>	Daily delta file	<code>GPF_ERP_DAILY_DD_yyyymmdd</code>

File Name Key	
<code>yyyymmdd</code>	Specifies the date of the file
<code>MC</code>	Monthly consolidated file
<code>MD</code>	Monthly delta file
<code>DD</code>	Daily delta file

<NEWCOUNTRIES>

This is a header to indicate any new countries added to the file as a result of added data.

<COUNTRY>

This sub-header tag will list the new country added to the file by the ISO country code.

<ISO> </ISO>

This tag is used to indicate any new countries added to the file by presenting the two-letter country code.

<BIC_ONLY> </BIC_ONLY>

This tag is used to indicate countries that lack national clearing codes and instead use SWIFT/BICs for local as well as domestic payments. The values found in this tag are:

Y – Indicates a country that lacks national clearing codes and instead uses a SWIFT/BIC for local as well as domestic payments.

N – Indicates a country that has a set of national clearing codes used for routing local or domestic payments.

Level 3 – Record Presentation**<BANK ACTION>**

BANK ACTION indicates what type of record is in the file. The possible values to be found in this tag are:

D – Indicates records that need to be deleted since the last file update.

A – Indicates records that have been added since the last file update. (All records have value 'A' for the first file the customer receives.)

M – Indicates records that need to be modified or updated since the last file update.

<COUNTRY> </COUNTRY>

This tag indicates the two-letter ISO country code corresponding to the institution's location.

<KEYVALUE> </KEYVALUE>

Each record in this file is assigned a key for maintenance and linking purposes. The key is unique to each record in the file.

<NAME> </NAME>

The name is the institution's full legal title. This tag may contain numbers or letters.

<COUNTRYCSP> </COUNTRYCSP>

This is the abbreviation for any state, province, or region, if applicable.

<CITY> </CITY>

The city in which the institution is located.

<BIC_PREFERRED=" "> </BIC>

This tag indicates two components with respect to the SWIFT1/BIC2 code. First, the <BIC PREFERRED> tag indicates if the presented SWIFT/BIC is the preferred SWIFT/BIC of the financial institution. Possible values of this tag portion are:

0 – where zero indicates the non-preferred SWIFT/BIC of the financial institution

1 – where one indicates the preferred SWIFT/BIC of the financial institution

Please note that a financial institution will have only one SWIFT/BIC tagged as “preferred”.

The second component of the tag indicates the actual SWIFT/BIC of the financial institution. The SWIFT/BIC is a worldwide bank identifier that allows the exchange of electronic information among institutions. This field can contain letters or numbers. The SWIFT/BIC value will be either eight or 11 characters long. All eight-character SWIFT/BIC addresses are padded with XXX in order to make this value 11 characters in length. Spaces are removed from SWIFT/BICs.

<NATID PREFERRED=> “> </NATID>

This tag indicates two components with respect to the national bank clearing code. First, the <NATIDPREFERRED> tag indicates if the presented national bank clearing code is the preferred national bank clearing code of the financial institution. Possible values of this tag portion are:

0 – where zero indicates the non-preferred national bank clearing code of the financial institution

1 – where one indicates the preferred national bank clearing code of the financial institution

Please note that a financial institution will have only one national bank clearing code tagged as “preferred”. The second component of the tag indicates the actual national bank clearing code of the financial institution. The length of this value varies according to the national bank clearing code. The table at the end of the specification provides all the current possible national clearing codes maintained along with the length of each of the different types of codes.

<NATIDTYPE> </NATIDTYPE>

This indicates the type of the national bank code routing number found in <NATID>. All national bank code types are found in the table on pages 9-14.

<BRANCH />

This tag will provide the name of a particular branch office, if applicable.

*For Ukrainian institutions, this field will contain Ukraine EDRPOU codes, where available, instead of the branch office name.

<ADDRESS>street + number</ADDRESS>

This tag provides the physical location address including street number of the institution.

¹ Society for Worldwide Interbank Financial Telecommunications

² Bank Identifier Code

<POSTCODE> </POSTCODE>

This is the postal service number concurring with the address and city.

<POBOX />

This is the mailing address of the financial institution, if it exists.

<PHONE />

The telephone number of the institution (country and city codes are included). The number is either presented as '(country code-city code) phone number' or as '(country code) phone number'.

<FAX />

The fax number of the institution (country and city codes are included). The number is either presented as '(country code-city code) fax number' or as '(country code) fax number'.

<EMAIL />

When available, this tag will contain the general information e-mail address of the institution.

<LOC_ID>

This is the eight-digit location ID assigned to a specific bank location.

<HO_LOC_ID>

This is the eight-digit location ID of the head office. For head office records, this will be the same as the location ID above.

<SANCTIONS_EU>

This flag (set to Y or N) indicates whether the institution is sanctioned by the European Union (EU). Please refer to Table C: Sanctions Lists in the Appendix for more information.

<SANCTIONS_HMT>

This flag (set to Y or N) indicates whether the institution is sanctioned by Her Majesty's Treasury (HMT). Please refer to [Table C: Sanctions Lists](#) in the Appendix for more information.

<SANCTIONS_OFAC>

This flag (set to Y or N) indicates whether the institution is sanctioned by The Office of Foreign Assets Control (OFAC). Please refer to [Table C: Sanctions Lists](#) in the Appendix for more information.

<SANCTIONS_UN>

This flag (set to Y or N) indicates whether the institution is sanctioned by The United Nations (UN). Please refer to [Table C: Sanctions Lists](#) in the Appendix for more information.

Appendix

Table A: National Bank Codes

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
AD	Andorra	ADRN	Codi Banc/Codi Oficina	8
AE	United Arab Emirates	AERN	United Arab Emirates Routing Number	9
AE	United Arab Emirates	AERN2	United Arab Emirates IBAN bank codes	3
AF	Afghanistan	AFRN	Bank/Branch Code	4
AL	Albania	ALRN	Albanian KIB Code	8
AM	Armenia	AMRN	Bank Code	5
AO	Angola	AORN	Angola Bank Code	4
AO	Angola	AORN2	Angola Bank Branch Code	8
AR	Argentina	ARRN	Numero de las Cuentas Corrientes	7
AR	Argentina	ARRN2	Codigo de Banco	3
AT	Austria	BLZ	Bankleitzahl NOTE: Some Austrian bank locations are assigned eight-digit German Bankleitzahl codes.	5
U	Australia	BSB	BSB (Bank, State & Branch Code)	6
AX	Aland Islands* (FI)	FIRN	Konttorinumero	6
AZ	Azerbaijan	AZRN	AZIPS (Azerbaijani Interbank Payment System) Code	6
BA	Bosnia and Herzegovina	BARN	Sifra Banke	6
BB	Barbados	BBRN	Barbadian ACH Bank Routing and Transit Number	8

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
BD	Bangladesh	BDRN	Bangladesh Bank-Branch Routing Number	9
BD	Bangladesh	BDRN2	NPSB (National Payment Switch Bangladesh)	6
BE	Belgium	BELRN	Rekeningnummer	3
BF	Burkina Faso	UEMOA	UEMOA (West African Economic and Monetary Union) Banque/Guichet Code	10
BG	Bulgaria	BGRN	New BAE (Banking Addressable Entity) Code	8
BI	Burundi	BIRN2	Burundi Bank Branch Code	10
BJ	Benin	UEMOA	UEMOA (West African Economic and Monetary Union) Banque/Guichet Code	10
BL	Saint Barthelemy* (FR)	FRRN	Code Banque/Code Guichet	10
BN	Brunei Darussalam	BNRN	Brunei Bank Branch Code	6
BO	Bolivia	BORN	Bolivian Codigo de Banco	9
BO	Bolivia	BORN2	Bolivian Cámara de Transferencia Electrónica de Fondos – ACH Code	4 or 5
BR	Brazil	BRRN	COMPE (Código de Compensação) NOTE: Some Brazilian bank locations are assigned eight-digit COMPE codes.	7
BR	Brazil	BRRN2	ISPB Number	13
BR	Brazil	BRRN3	ISPB Institution Identifier	8
BS	Bahamas	BSRN	Bahamas Transit Number	8
BT	Bhutan	BTRN	Bhutan Bank / Branch Code	9
BW	Botswana	BWRN	Bank/Branch Number	6

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
BY	Belarus	BYMFO	SWIFT Code	11
BZ	Belize	BZRN	Belize Transit Number	8
CA	Canada	TRNO	Institution and Transit Number	9
CA	Canada	TRNO2	Canadian MICR Routing Number	8
CD	Democratic Republic of Congo	CDRN	Guichet Code	10
CF	Central African Republic	CEMAC	CEMAC (Economic and Monetary Community of Central Africa) Bank/Branch Code	10
CG	Republic of Congo	CEMAC	CEMAC (Economic and Monetary Community of Central Africa) Bank/Branch Code	10
CH	Switzerland	SIC	Swiss Interbank Clearing (SIC) Number	6
CH	Switzerland	CHBC	Swiss Bank Clearing Number NOTE: Swiss BC codes, used for local payments, vary in length from three to five digits.	3-5
CH	Switzerland	CHRN2	QR-IID Code	5
CI	Cote d'Ivoire	UEMOA	UEMOA (West African Economic and Monetary Union) Banque/Guichet Code	10
CL	Chile	CLRN	Codigo de Banco	3
CM	Cameroon	CEMAC	CEMAC (Economic and Monetary Community of Central Africa) Bank/Branch Code	10
CN	China	CNRN	CNAPS (Chinese National Advanced Payments System) Code	12
CN	China	CNRN2	CIPS (Cross-Border Interbank Payment System)	11
CO	Colombia	CORN2	Colombian bank code	2
CO	Colombia	CORN3	Colombian bank code	3

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
CR	Costa Rica	CRRN2	Codigo de Entidad	4
CV	Cape Verde	CVNIB	Cape Verde Número de Identificação Bancária	8
			Cyprus Bank Identification Code	
CY	Cyprus	CYRN	* Turkish TRRN codes found in Cyprus listed under (TR) Turkey (12 digits)	8
CZ	Czech Republic	CZRN	Bank Identity Code	4
DE	Germany	BLZ	Bankleitzahl	8
DJ	Djibouti	DJRN	Djibouti Guichet Code	10
DK	Denmark	DKRN	Registreringsnummer	4
DZ	Algeria	DZRN	Algerian Banking Institution Code	8
EC	Ecuador	ECRN	Código Compensación	8
EE	Estonia	EERN	Pangakood	2
EG	Egypt	EGRN	Egyptian IBAN Code	8
EH	Western Sahara* (MA)	MARN	Guichet Bancaire Code	10
EH	Western Sahara* (MA)	MARN2	Moroccan Bank Branch Identifier	6
ES	Spain	ESRN	Spanish Bank Code	8
FI	Finland	FIRN	Konttorinumero	6
FJ	Fiji	FJRN	Fiji bank branch code	6
FO	Faroe Islands* (DK)	DKRN	Registreringsnummer	4
FR	France	FRRN	Code Banque/Code Guichet	10

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
GA	Gabon	CEMAC	CEMAC (Economic and Monetary Community of Central Africa) Bank/Branch Code	10
GB	United Kingdom	UKSORT	United Kingdom Sort Code	6
GE	Georgia	GERN2	Georgian IBAN Code	2
			Georgian RTGS Code	
GE	Georgia	GERN3	* Russian BIK codes found in Georgia listed under (RU) Russia (9 digits)	8
GF	French Guyana* (FR)	FRRN	Code Banque/Code Guichet	10
GG	Guernsey* (UK)	UKSORT	United Kingdom Sort Code	6
GH	Ghana	GHID	GhIPSS Instant Pay (GIP) Routing ID	6
GH	Ghana	GHRN	Sort Code	6
GI	Gibraltar	UKSORT	United Kingdom Sort Code	6
GL	Greenland* (DK)	DKRN	Registreringsnummer	4
GM	Gambia	GMRN	Gambian Bank Branch Code	6
GN	Guinea	GNRN	Guinean Bank Branch Code	6
GP	Guadeloupe* (FR)	FRRN	Code Banque/Code Guichet	10
GQ	Equatorial Guinea	CEMAC	CEMAC (Economic and Monetary Community of Central Africa) Bank/Branch Code	10
GR	Greece	GRRN	Greek Bank Code	7
GT	Guatemala	GTRN	Guatemala Código Bancario	2

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
GT	Guatemala	GTRN2	Guatemala Código LBTR	4 or 8
GT	Guatemala	GTRN5	Guatemala Código CCA	8
GT	Guatemala	GTRN6	Cámara de Compensación Banca Code	4
GW	Guinea-Bissau	UEMOA	UEMOA (West African Economic and Monetary Union) Banque/Guichet Code	10
GY	Guyana	GYRN	Guyana Routing Number	8
HK	Hong Kong	HKRN	Hong Kong Bank Branch Code NOTE: Some Hong Kong bank locations are assigned a 12-digit Chinese CNAPS code.	6
HK	Hong Kong	HKRN2	Hong Kong Bank Code	3
HN	Honduras	HNRN	Ruta Transito	5
HN	Honduras	HNRN2	Honduras ACH Payment Codes (HNL)	8
HN	Honduras	HNRN3	Honduras ACH Payment Codes (USD)	8
HN	Honduras	HNRN4	Honduras Bank Number	3
HR	Croatia	HRRN	Vodeci broj banke	7
HU	Hungary	HURN	Bank and Branch Code	8
HU	Hungary	HURN2	Hungarian IBAN Code	7
ID	Indonesia	IDRN	Indonesian Clearing Code	7
ID	Indonesia	IDRN2	Indonesian Participant Code	8
ID	Indonesia	IDRN3	Indonesian Bank Code	3
IQ	Iraq	IQRN	Iraq Bank Code	8
IQ	Iraq	IQRN2	Iraq ACH code.	11
IE	Ireland	UKSORT	Irish Payment Services Organisation (IPSO) National Sort Code (NSC)	6

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
IL	Israel	ILRN	Bank Branch Code	5
IL	Israel	ILRN2	Israeli IBAN Code	6
IM	Isle of Man* (UK)	UKSORT	United Kingdom Sort Code	6
IN	India	INID	Indian Aadhaar Payment Bridge ID	6
IN	India	INRN	MICR Bank/Branch Code	9
IN	India	IFSC	Indian Financial System Code	11
IS	Iceland	ISRN	Bankanumer	4
IT	Italy	ABICAB	Associazione Bancaria Italiana-Codice di avviamento bancario	10
JE	Jersey* (UK)	UKSORT	United Kingdom Sort Code	6
JM	Jamaica	JMRN	Jamaican Routing Number	8
JO	Jordan	JORN	Jordanian IBAN Code	8
JO	Jordan	JORN2	Jordanian Bank Branch Code	6
JP	Japan	JPRN	Zengin Code	7
KE	Kenya	KERN	Bank/Branch Code	5
KG	Kyrgyzstan	KGRN	Kyrgyz BIK	6
KH	Cambodia	KHRN	Cambodian Clearing Code	6
KM	Comoros	KMRN	Comoros Bank Code	5
KR	South Korea	KRRN	Korean Bank Code	3
KR	South Korea	KRRN2	Korean Bank Branch Code	7
KR	South Korea	KRBOK	BOK (The Bank of Korea) Participant Code	4

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
KW	Kuwait	KWRN	Kuwait ACCS Sort Code	3
KZ	Kazakhstan	KZRN	Kazakh BIC	3
LB	Lebanon	LBRN	Lebanon Check Clearing Code	7
LB	Lebanon	LBRN2	Lebanese IBAN bank codes	4
LI	Liechtenstein* (CH)	CHRN2	QR-IID Code	5
LI	Liechtenstein* (CH)	SIC	Swiss Interbank Clearing Number	6
LK	Sri Lanka	LKRN	Sri Lanka Inter-bank Payment System (SLIPS) Code	7
LR	Liberia	LRRN	Liberian Bank Branch Code	6
LS	Lesotho	ZARN	Bank/Branch Number	6
LT	Lithuania	LTRN	Banko Kodas	5
LU	Luxembourg	LURN	Luxembourg Bank Code	3
LY	Libya	LYRN	Libyan Electronic Cheque Clearing Number	6
MA	Morocco	MARN	Guichet Bancaire Code	10
MA	Morocco	MARN2	Moroccan Bank Branch Identifier	6
MC	Monaco* (FR)	FRRN	Code Banque/Code Guichet	10
MD	Moldova	MDRN	Moldova Bank Identifier Code	8 or 11
MD	Moldova	MDRN2	Moldovan IBAN Code	2
ME	Montenegro	MERN	Bank Code	3
MF	Saint Martin* (FR)	FRRN	Code Banque/Code Guichet	10
MG	Madagascar	MGRN	Code banque, code agence	10

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
MK	Macedonia	MKRN	Bank Code	3
ML	Mali	UEMOA	UEMOA (West African Economic and Monetary Union) Banque/Guichet Code	10
MN	Mongolia	MNRN	Bank Code	6
MO	Macau	CNRN	CNAPS (Chinese National Advanced Payments System) Code	12
MO	Macau	HKRN	Hong Kong Bank Branch Code	6
MO	Macau	HKRN2	Hong Kong Bank Code	3
MQ	Martinique* (FR)	FRRN	Code Banque/Code Guichet	10
MR	Mauritania	MRRN	Code Banque / Code Agence	10
MT	Malta	MTRN	Sort Code	5
MU	Mauritius	MURN	Mauritius Bank Code	4
MW	Malawi	MWRN	Malawi sort code	6
MX	Mexico	MXRN	Mexican ABM Bank/Branch Number	6
MX	Mexico	MXRN2	Mexican institution identifier code	3
MY	Malaysia	MYRN	Bank Branch Code	7
MY	Malaysia	MYIBG	Malaysian Electronic Payment System Interbank GIRO (MEPS IBG)	9
MY	Malaysia	CNRN	CNAPS (Chinese National Advanced Payments System) Code	12
MY	Malaysia	CNRN2	CIPS (Cross-Border Interbank Payment System)	11
MY	Malaysia	HKRN	Hong Kong Bank Branch Code	6
MY	Malaysia	HKRN2	Hong Kong Bank Code	3

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
MZ	Mozambique	MZRN	Mozambique NIB (Número de Identificação Bancária)	8
MZ	Mozambique	MZRN2	Mozambique Bank Code	4
NA	Namibia	ZARN	Bank/Branch Number	6
NC	New Caledonia* (FR)	FRRN	Code Banque/Code Guichet	10
NE	Niger	UEMOA	UEMOA (West African Economic and Monetary Union) Banque/Guichet Code	10
NG	Nigeria	NGID	NIP Institution ID	6
NG	Nigeria	NGRN	Nigerian Sort Code	9
NG	Nigeria	NGRN2	Nigerian Financial Institution Code	3
NI	Nicaragua	NIRN2	Nicaraguan Clearing Code	2
NO	Norway	NORN	Registernummer	4
NP	Nepal	NPRN	Nepal Bank Code	8
NP	Nepal	NPRN2	Nepal Bank Branch Code	8
NZ	New Zealand	NZ2	New Zealand Bank Code	6
OM	Oman	OMRN	Oman Bank Branch Code	6
PA	Panama	PARN1	Panamanian Bank Routing and Transit Number	9
PA	Panama	PARN2	Panamanian Bank Routing and Transit Number	3
PE	Peru	PERN	Código Bancario	6
PE	Peru	PERN2	Código Bancario	3
PF	French Polynesia* (FR)	FRRN	Code Banque/Code Guichet	10

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
PG	Papua New Guinea	PGRN	Papua New Guinea Bank Branch Code	6
PH	Philippines	PHRN	Philippines Bank Routing Symbol and Transit Number	9
PK	Pakistan	PKRN	Pakistan bank branch Code	7
PK	Pakistan	PKRN2	Pakistan PRISM Code	8
PL	Poland	PLRN	Numer Rozliczeniowy Oddziały-Banku	8
PM	Saint Pierre et Miquelon* (FR)	FRRN	Code Banque/Code Guichet	10
PS	Palestine, State of	ILRN	Bank Branch Code	5
PS	Palestine, State of	PSRN	PS Cheque Clearing Code	5
PT	Portugal	NIB	NIB – Número de Identificação Bancária	8
PT	Portugal	NIB2	IBAN Bank Code	4
RE	Reunion* (FR)	FRRN	Code Banque/Code Guichet	10
RS	Serbia	RSRN	Bank Identifying Number	3
RS	Serbia	XKRN	Kosovar Clearing Code	4
RU	Russia	BIK	BIK	9
RW	Rwanda	RWRN2	Rwandan MICR code	5
SA	Saudi Arabia	SARN	Saudi Arabian Check Clearing Code	2
SC	Seychelles	SCRN	Bank branch code	6
SD	Sudan	SDRN	Sudanese Bank Code	2
SE	Sweden	SERN	Swedish Bank Code	3

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
SE	Sweden Clearing Number	SECL	Swedish Clearing Number	4 or 5
SG	Singapore	SGRN	Singapore Clearing Code	7
SI	Slovenia	SIRN	Slovenian Bank Branch Code	5
SJ	Svalbard and Jan Mayen* (NO)	NORN	Registernummer	4
SK	Slovakia	SKRN	Slovakian Identity Code	4
SL	Sierra Leone	SLRN	Sierra Leone Bank Branch Code	6
SM	San Marino* (IT)	ABICAB	Associazione Bancaria Italiana-Codice di avviamento bancario	10
SN	Senegal	UEMOA	West African Economic and Monetary Union) Banque/Guichet Code	10
ST	São Tomé and Príncipe	STCC	Sao Tome and Principe Clearing Code	8
ST	São Tomé and Príncipe	STRN2	São Tomé and Príncipe Bank Identifier	4
SV	El Salvador	SVRN	Código de Entidad	4
SZ	Swaziland	ZARN	Bank/Branch Number	6
TD	Chad	CEMAC	Economic and Monetary Community of Central Africa Bank/Branch Code	10
TF	French Southern Territories* (FR)	FRRN	Code Banque/Code Guichet	10
TG	Togo	UEMOA	West African Economic and Monetary Union) Banque/Guichet Code	10

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
TH	Thailand	THRN	Bank Code	7
TJ	Tajikistan	TJRN	Tajikistan Bank Identification Code	9
TL	Timor-Leste	TLRN2	Timor-Leste IBAN Bank Code	3
TN	Tunisia	TNRN	Code Banque/Code Agence	5
TR	Turkey	TRRN	Banka Kodu/Şube Kodu/Şehir Kodu	12
TR	Turkey	TRRN2	Turkish IBAN Code	5
TT	Trinidad and Tobago	TTRN	Bank/Branch Code	9
TT	Trinidad and Tobago	TTRN2	Trinidad and Tobago Route and Transit Number	8
TW	Taiwan	TWRN	Bank/Branch Code	3 or 7
TZ	Tanzania	TZRN2	Tanzanian Sort Code	6
			MFO Code	
UA	Ukraine	UARN	* Russian BIK codes found in Ukraine listed under (RU) Russia (9 digits)	6
UG	Uganda	UGRN	Uganda Sort Code	6
US	United States	ABA	ABA (American Bankers Association) Routing Number	9
UY	Uruguay	UYRN	Código de Banco Uruguayo	3
UZ	Uzbekistan	UZRN	MFO code	5
VA	Holy See (Vatican City State)	VARN	Bank code identifier	3
VE	Venezuela	VERN	Código de Banco	4

ISO Country Code	Country	Routing Type	Full Code Name	Code Length
VE	Venezuela	VERN2	Código de Banco	3
VN	Vietnam	VNID	NAPAS ID Number	6
VN	Vietnam	VNRN	CITAD Code	8
WF	Wallis et Futuna* (FR)	FRRN	Code Banque/Code Guichet	10
YT	Mayotte* (FR)	FRRN	Code Banque/Code Guichet	10
ZA	South Africa	ZARN	Bank/Branch Number	6
ZM	Zambia	ZMRN	Zambian Sort Code	6
ZW	Zimbabwe	ZWRN	Zimbabwe Bank codes	5

Table B: Multiple National Bank Codes

Angola

ISO Country Code	Routing Type	Full Code Name	Code length
AO	AORN	Angola Bank Code	4
AO	AORN2	Angola Bank Branch Code	8

1. The four-digit code, which identifies the bank, is the first four digits of the full eight-digit Angola Bank Code.
2. The eight-digit Angola Bank Branch Code, used as part of the NBA (número bancário Angolano), is embedded into Angolan account numbers and is used to identify the branch to which the account number pertains.

Argentina

ISO Country Code	Routing Type	Full Code Name	Code length
AR	ARRN	Código de Entidad / Código de Plaza	7
AR	ARRN2	Código de Entidad	3

1. The seven-digit Código de Entidad / Código de Plaza is used to clear funds and/or route payments in Argentina. The first three digits are the bank identifier and the last four digits are the branch identifier.
2. The three-digit Código de Entidad, which identifies the bank, is the first three digits of the full seven-digit Código de Entidad / Código de Plaza.

Bangladesh

ISO Country Code	Routing Type	Full Code Name	Code length
BD	BDRN	Bangladesh Bank-Branch Routing Number	9
BD	BDRN2	NPSB (National Payment Switch Bangladesh)	6

1. The nine-digit bank branch code is used for domestic payments.
2. The National Payment Switch Bangladesh establishes interoperability among participating banks for their account and card-based transactions.

Bolivia

ISO Country Code	Routing Type	Full Code Name	Code length
BO	BORN	Bolivian Codigo de Banco	9
BO	BORN2	Bolivian Cámara de Transferencia Electrónica de Fondos – ACH Code	4 or 5

There are two sets of Bolivian codes. The nine-digit Bolivian Codigo de Banco and the four or five-digit Bolivian Cámara de Transferencia Electrónica de Fondos – ACH Code.

Brazil

ISO Country Code	Routing Type	Full Code Name	Code length
BR	BRRN2	ISPB Number	13
BR	BRRN	COMPE (Código de Compensação) NOTE: Some Brazilian bank locations are assigned eight-digit COMPE codes.	7
BR	BRRN3	ISPB Institution Identifier	8

1. The seven-digit COMPE (código de compensação) is used for Brazilian COMPE clearing for Brazilian banks in CIP or Câmara Interbancária de Pagamentos, and Compe or Centralizadora da Compensação de Cheques.
2. The 13-digit ISPB (Identificador do Sistema de Pagamentos Brasileiro) number is used in the Brazilian STR (Sistema de Transferência de Reservas) clearing system.
3. The eight-digit ISPB Institution Identifier is used to indicate the Brazilian financial institutions that participate in the Brazilian STR clearing system.

Canada

ISO Country Code	Routing Type	Full Code Name	Code length
CA	TRNO	Canadian Transit Number	9
CA	TRNO2	Canadian MICR Routing Number	8

1. The nine-digit Canadian Transit Number is used in the Automated Clearing and Settlement System (ACSS) operated by the Canadian Payments Association. The ACSS is used for clearing both paper-based payment items, such as cheques, and electronic items, including Automated Funds Transfer debits and credits.
2. The eight-digit Canadian MICR Routing Number is used for paper cheque clearing.

China

ISO Country Code	Routing Type	Full Code Name	Code length
CN	CNRN	CNAPS (Chinese National Advanced Payments System) Code	12
CN	CNRN2	CIPS (Cross-Border Interbank Payment System)	11

1. The twelve-digit CNRN code is used to clear funds and/or route payments in China. This code will also be assigned to bank locations in Hong Kong and Macau.
2. The eleven-digit CNRN2 code is used to identify participants in CIPS (Cross-Border Interbank Payment System).

Colombia

ISO Country Code	Routing Type	Full Code Name	Code length
CO	CORN2	Código de Compensación Electrónica de Cheques (CEDEC)	2
CO	CORN3	Código de Compensación Electrónica Nacional Interbancaria (CENIT)	3

1. The two-digit CEDEC code (Código de Compensación Electrónica de Cheques), issued by the Banco de la República, is used for electronic check clearing.
2. The three-digit CENIT code (Código de Compensación Electrónica Nacional Interbancaria), issued by the Banco de la República, is used for electronic national interbank payments.

Georgia

ISO Country Code	Routing Type	Full Code Name	Code length
GE	GERN2	Georgian IBAN Code	2
GE	GERN3	Georgian RTGS Code	8

1. The two-letter Georgian IBAN code is the bank identifier used in the Georgian IBAN.
2. The eight-digit Georgian RTGS code is used to clear payments through the Georgian real-time gross settlement system.

Ghana

ISO Country Code	Routing Type	Full Code Name	Code length
GH	GHID	GhIPSS Instant Pay (GIP) Routing ID	6
GH	GHRN	Ghana Sort Code	6

1. The six-digit GhIPSS Instant Pay (GIP) Routing ID is used to identify participating institutions in the system.
2. The six-digit Ghanaian sort code is used for domestic payments.

Guatemala

ISO Country Code	Routing Type	Full Code Name	Code length
GT	GTRN	Guatemala Código Bancario	2
GT	GTRN2	Guatemala Código LBTR	4 or 8
GT	GTRN5	Guatemala Código CCA	8
GT	GTRN6	Cámara de Compensación Banca Code	4

1. The two-digit Guatemala Código Bancario is used in the Guatemalan Check Clearing System.
2. The Guatemala Código LBTR Codes, which can be four or eight digits, are used to clear payments in the Guatemalan LBTR system (Sistema de Liquidación Bruta en Tiempo Real).
3. The eight-digit Guatemala Código CCA Codes are used in Guatemala's ACH payment system or the Cámara de Compensación Automatizada.
4. The four-digit Cámara de Compensación Banca Code is used in the Guatemalan Check Clearing System and includes the following two-digit currency codes: 01 for Quetzal and 02 for US Dollar.

Honduras

ISO Country Code	Routing Type	Full Code Name	Code length
HN	HNRN	Ruta Transito	5
HN	HNRN2	Honduras ACH Payment Code HNL	8
HN	HNRN3	Honduras ACH Payment Code USD	8
HN	HNRN4	Honduras Bank Number	3

1. The five-digit Ruta Transito, issued by the Comisión Nacional de Bancos y Seguros, identifies institutions for payments through this system.
2. The eight-digit Honduras ACH Payment Codes are used in Honduras' ACH payment system or the Cámara de Compensación de Transacciones Electrónicas de Pago. The Honduras ACH Payment Codes are different for U.S. Dollar (USD) and Honduras lempira (HNL) clearing.
3. The three-digit Honduras Bank Number is used to clear checks and money transfers through the Central Bank of Honduras.

Hong Kong

ISO Country Code	Routing Type	Full Code Name	Code length
HK	HKRN	Hong Kong Bank Branch Code	6
HK	HKRN2	Hong Kong Bank Code	3

- Both sets of codes are used for domestic payments.

Hungary

ISO Country Code	Routing Type	Full Code Name	Code length
HU	HURN	Bank and Branch Code	8
HU	HURN2	Hungarian IBAN Code	7

- The eight-digit bank branch code is used for domestic payments.
- The seven-digit Hungarian IBAN code is the bank identifier used in the Hungarian IBAN.

India

ISO Country Code	Routing Type	Full Code Name	Code length
IN	INRN	MICR Bank/Branch Code	9
IN	IFSC	Indian Financial System Code	11
IN	INID	Indian Aadhaar Payment Bridge ID	6

- The nine-digit MICR Bank/Branch Code consists of a four-digit bank identifier and a five-digit branch code. The code is machine readable and used to identify the bank branch to which the check belongs.
- The 11-character Indian Financial System Code (IFSC) is an alphanumeric code that uniquely identifies a bank branch participating in the two main electronic funds settlement systems in India: the real time gross settlement (RTGS) and the national electronic funds transfer (NEFT) systems.
- The Aadhaar Payment Bridge System is used by the Government Departments and Agencies for the transfer of benefits and subsidies under Direct Benefit Transfer (DBT).

Indonesia

ISO Country Code	Routing Type	Full Code Name	Code length
ID	IDRN	Clearing Code	7
ID	IDRN2	Participant Code	8
ID	IDRN3	Bank Code	3

1. The IDRN is the seven-character clearing code.
2. The IDRN2 is the eight-character participant code used in the Bank Indonesia Real Time Gross Settlement System (BI-RTGS) and the Bank Indonesia National Clearing System (SKNBI), operated by Bank Indonesia. This is in addition to the existing seven-digit Indonesian clearing codes we already provide in the solutions.
3. The three-digit Indonesian bank code is used to identify the banks in Indonesia's interbank payment systems, which also includes the National Payment Gateway.

Israel

ISO Country Code	Routing Type	Full Code Name	Code length
IL	ILRN	Bank Branch Code	5
IL	ILRN2	Israeli IBAN Code	6

1. The five-digit bank branch code is used for domestic payments.
2. The six-digit Israeli IBAN code is the bank identifier used in the Israeli IBAN.

Iraq

ISO Country Code	Routing Type	Full Code Name	Code length
IQ	Iraq	Bank Branch Code	8
IQ	Iraq	Iraq ACH Code	11

1. The eight-digit bank branch code is used for domestic payments.
2. The eleven-digit Iraq payment code is used for ACH payments.

Jordan

ISO Country Code	Routing Type	Full Code Name	Code length
JO	JORN	Jordanian IBAN Code	8
JO	JORN2	Jordanian Bank Branch Code	6

1. The eight-character Jordanian IBAN Code, used to identify the bank within a Jordanian IBAN, is formatted with a four-character short BIC that is concatenated with the last four digits of the Jordanian Bank Branch Code.
2. The six-digit Jordanian Bank Branch Code is a bank identifier used to make payments in the Electronic Cheque Clearing System.

South Korea

ISO Country Code	Routing Type	Full Code Name	Code length
KR	KRRN	Korean Bank Code	3
KR	KRRN2	Korean Bank Branch Code	7
KR	KRBOK	BOK (The Bank of Korea) Participant Code	4

1. The three-digit Korean Bank Code is a bank identifier used in retail payment systems operated by the Korea Financial Telecommunications & Clearings Institute.
2. The seven-digit Korean Bank Branch Code is used as an identifier in interbank payments, operated by Korea Financial Telecommunications & Clearing Institute (KFTC).
3. The four-digit BOK (The Bank of Korea) Participant Code is a bank identifier used to make payments through the BOK-Wire, the real time gross settlement system for large-value payments operated by the Bank of Korea. The code is also known as the BOK-Wire code.

Lebanon

ISO Country Code	Routing Type	Full Code Name	Code length
LB	LBRN	Lebanon Check Clearing Code	7
LB	LBRN2	Lebanon Bank Code	4

1. The seven-digit Lebanon Check Clearing Code is used only in the check clearing system.
2. The four-digit Lebanon Bank Code is the bank identifier within a Lebanese IBAN.

Liechtenstein

ISO Country Code	Routing Type	Full Code Name	Code length
LI	CHRN2	QR-IID Code	5
LI	SIC	Swiss Interbank Clearing (SIC) Number	6
LI	SIC2	Liechtenstein IBAN Code	5

1. QR-bill was introduced to enable efficient processing of bill payments. The QR-bill includes the QR code, which contains all of the beneficiary information including the QR-IID to identify the institution.
2. The six-digit Swiss Interbank Clearing Number (SIC) is used to process international payments. The SIC is used for settlement in Swiss Francs and Euro.
3. The five-digit Liechtenstein IBAN code is the bank identifier used in the Liechtenstein IBAN.

Western Sahara

ISO Country Code	Routing Type	Full Code Name	Code length
MA	MARN	Guichet Bancaire Code	10
MA	MARN2	Moroccan Bank Branch Identifier	6

1. The ten-digit Guichet Bancaire Code is used to clear funds and/or route payments in Western Sahara.
2. The six-digit Moroccan bank branch identifier is used in the Systèmes de Règlements brut du Maroc (SRBM) for real-time gross settlement and is also used in the Système Interbancaire Marocain de Télécompensation (SIMT) for interbank payments.

Macau

ISO Country Code	Routing Type	Full Code Name	Code length
MO	CNRN	CNAPS (Chinese National Advanced Payments System) Code	12
MO	HKRN	Hong Kong Bank Branch Code	6
MO	HKRN2	Hong Kong Bank Code	3

1. The twelve-digit CNAPS code is used to clear funds and/or route payments in China.
2. The six-digit Hong Kong Bank Branch Code and three-digit Hong Kong Bank Code are used in Hong Kong Domestic Clearing System.

Malaysia

ISO Country Code	Routing Type	Full Code Name	Code length
MY	MYRN	Malaysian Bank Branch Code	7
MY	MYIBG	Malaysian Electronic Payment System Interbank GIRO (MEPS IBG)	9
MY	CNRN	CNAPS (Chinese National Advanced Payments System) Code	12
MY	CNRN2	CIPS (Cross-Border Interbank Payment System)	11
MY	HKRN	Hong Kong Bank Branch Code	6
MY	HKRN2	Hong Kong Bank Code	3

1. The seven-digit Malaysian Bank Branch Code is used to clear funds and/or route payments in Malaysia.
2. The nine-digit Malaysian Electronic Payment System Interbank GIRO (MEPS IBG) is an interbank fund transfer system that facilitates payments and collections via the exchange of digitized transactions between banks in Malaysia. The MEPS IBG number is used to clear low- value interbank payments.
3. The twelve-digit CNRN code is used to clear funds and/or route payments in China.
4. The eleven-digit CNRN2 code is used to identify participants in CIPS (Cross-Border Interbank Payment System).
5. The six-digit Hong Kong Bank Branch Code and three-digit Hong Kong Bank Code are used in the Hong Kong Domestic Clearing System.

Mexico

ISO Country Code	Routing Type	Full Code Name	Code length
MX	MXRN	Mexican Institution Location Identifier	6
MX	MXRN2	Mexican Institution Identifier Code	3

1. The six-digit Mexican Institution Location Identifier codes are part of the standard 18-digit CLABE number assigned to each bank account in Mexico.
2. The three-digit Mexican Institution Identifier Code is the first three digits of the standard 18-digit CLABE number assigned to each bank account in Mexico. For banking entities, this identifier also occupies the first three-digits of the six-digit 'Mexican Institution Location Identifier'.

Moldova

ISO Country Code	Routing Type	Full Code Name	Code length
MD	MDRN	AIPS Participant Code	8
MD	MDRN	AIPS Participant Code	11
MD	MDRN2	Moldovan IBAN Code	2

1. The eight-character AIPS (Automated Interbank Payment System) Participant Code, which identifies the bank's head office, is an alphanumeric code used in the AIPS System.
2. The 11-character AIPS Participant Code, which identifies the bank branch location, is an alphanumeric code used in the AIPS System.
3. The two-character Moldovan IBAN codes are the bank identifiers used in the Moldovan IBAN and in Moldova's AIPS System.

Mozambique

ISO Country Code	Routing Type	Full Code Name	Code length
MZ	MZRN	Mozambique NIB (Número de Identificação Bancária)	8
MZ	MZRN2	Mozambique Bank Code	4

1. The eight-digit Mozambique Número de Identificação Bancária (NIB) is made up of a four-digit bank code and a four-digit branch code. The code is used in the Sistema Nacional de Pagamentos (SNP).
2. The four-digit Mozambique Bank Code, which identifies the bank, is the first four digits of the full eight-digit Mozambique NIB.

Nigeria

ISO Country Code	Routing Type	Full Code Name	Code length
NG	NGID	NIP Institution ID	6
NG	NGRN	Nigerian Sort Code	9
NG	NGRN2	Nigerian Financial Institution Code	3

1. The six-digit NIP Institution ID is used to identify participating institutions in the NIBSS Instant Payment (NIP) System.
2. The nine-digit Nigerian sort code is used to clear funds and/or route payments in Morocco.
3. The three-digit Nigerian financial institution codes are used in the Nigeria Inter-Bank Settlement System (NIBSS) Automated Payment Services (NAPS) system and are also part of the Nigeria Uniform Bank Account Number (NUBAN).

Nepal

ISO Country Code	Routing Type	Full Code Name	Code length
NP	NPRN	Nepal Bank Code	8
NP	NPRN2	Nepal Bank Branch Code	8

1. The eight-digit Nepali bank code is used as a bank identifier.
2. The eight-digit Nepali bank branch code is used in the Electronic Cheque Clearing system and Interbank Payments system, operated by Nepal Clearing House. It consists of a four-digit bank code and four-digit branch code.

Panama

ISO Country Code	Routing Type	Full Code Name	Code length
PA	PARN1	Panamanian Bank Routing and Transit Number	9
PA	PARN2	Panamanian Bank Routing and Transit Number	3

1. The nine-digit Panamanian Bank Routing and Transit Number (Ruta y Tránsito) is used for electronic payments in Panama.
2. The three-digit code, which identifies the bank, is the sixth, seventh and eighth digits of the full nine-digit Panamanian Bank Routing and Transit Number.

Pakistan

ISO Country Code	Routing Type	Full Code Name	Code length
PK	PKRN	Pakistan Bank Branch Code	7
PK	PKRN2	Pakistan PRISM Code	8

1. The seven-digit PKRN code is used in the cheque clearing processed by NIFT (National Institutional Facilitation Technologies) through ACH in Pakistan. The codes are embedded in the MICR line that appears in the cheques.
2. The eight-digit Pakistan PRISM Code is used for real-time gross settlement and is part of the Pakistan Real-time Interbank Settlement Mechanism (PRISM) system operated by State Bank of Pakistan (the central bank of Pakistan).

Peru

ISO Country Code	Routing Type	Full Code Name	Code length
PE	PERN	Código Bancario	6
PE	PERN2	Código Bancario	3

1. The six-digit Codigo Bancario consists of a three-digit code to identify the bank, followed by a three-digit code to identify the branch.
2. The three-digit Código Bancario, used to identify the bank, is the first three digits of the full six-digit bank branch code.

Portugal

ISO Country Code	Routing Type	Full Code Name	Code length
PT	NIB	Bank and Branch Code	8
PT	NIB2	Portuguese IBAN Code	4

1. The eight-digit bank branch code is used for domestic payments.
2. The four-digit Portuguese IBAN code is the bank identifier used in the Portuguese IBAN.

São Tomé and Príncipe

ISO Country Code	Routing Type	Full Code Name	Code length
ST	STRN2	São Tomé and Príncipe Bank Identifier	4
ST	STCC	São Tomé and Príncipe Clearing Code	8

1. The four-digit São Tomé and Príncipe Bank Identifiers are used for domestic payments in the Sistema de Compensação Interbancária system (SICOI). These codes are the first four-digits of the eight-digit Clearing Code.
2. The eight-digit São Tomé and Príncipe Clearing Codes are only valid for IBAN payments. The four-digit Bank Identifiers, issued by the Banco Central de São Tomé e Príncipe, are the first four digits within this code. The final four digits are self-assigned by the individual banks.

Sudan

ISO Country Code	Routing Type	Full Code Name	Code length
SD	SDRN	Sudanese Bank Code	2

1. The two-digit Sudanese bank code is used in the national payment systems and in the IBAN.

Serbia

ISO Country Code	Routing Type	Full Code Name	Code length
RS	RSRN	Serbian Bank Identifying Number	3
RS	XKRN	Kosovar Clearing Code	4

1. The three-digit Serbian Bank Identifying Number is used in the RTGS and Clearing Payment System.
2. The four-digit Kosovar Clearing Code is used in the Electronic Interbank Clearing System (EICS). Kosovo is listed with the ISO country code RS.

Sweden

ISO Country Code	Routing Type	Full Code Name	Code length
SE	SERN	Swedish Bank Code (SERN)	3
SE	SECL	Swedish Clearing Number (Clearingnummer)	4 or 5

1. The three-digit Swedish Bank Code is used for cross-border payments and is also used to identify the bank within a Swedish IBAN.
2. The four-digit Swedish Clearingnummer is used for domestic payments. The Swedish Clearingnummer for some codes belonging to Swedbank will use a five-digit code. This five-digit clearing number forms part of the domestic account number.

Switzerland

ISO Country Code	Routing Type	Full Code Name	Code length
CH	SIC	Swiss Interbank Clearing (SIC) Number	6
CH	CHBC	Swiss Bank Clearing Number NOTE: Swiss BC codes, used for local payments, vary in length from three to five digits.	3 to 5

1. The six-digit Swiss Interbank Clearing Number (SIC) is used to process international payments. The SIC is used for settlement in Swiss Francs and Euro.
2. The Swiss Bank Clearing Number, which varies in length between three to five digits, is used to identify an individual branch of a financial institution in Switzerland and for domestic bank transfer. The code is also the basis of the bank identifier within a Swiss IBAN.

Taiwan

ISO Country Code	Routing Type	Full Code Name	Code length
TW	TWRN	Taiwanese Clearing Code	3
TW	TWRN	Taiwanese Clearing Code	7

1. The three-digit Taiwanese Clearing Code, which identifies the bank's head office, is used in the Interbank Remittance System (IRS).
2. The seven-digit Taiwanese Clearing Code, which identifies the bank branch location or department of the bank, is also used in the Interbank Remittance System (IRS).

Trinidad and Tobago

ISO Country Code	Routing Type	Full Code Name	Code length
TT	TTRN	Trinidad and Tobago Bank/Branch Code	9
TT	TTRN2	Trinidad and Tobago Route and Transit Number	8

1. The nine-digit Trinidad and Tobago Bank/Branch Code, issued by the Trinidad & Tobago Interbank Payments System Ltd, is used in the Trinidad and Tobago ACH payment system.
2. The eight-digit Trinidad and Tobago Route and Transit Number is used for paper check clearing. This is the format of the Route and Transit Number that appears on the MICR line of paper checks for this country.

Turkey

ISO Country Code	Routing Type	Full Code Name	Code length
TR	TRRN	Banka Kodu/Şube Kodu/Şehir Kodu	12
TR	TRRN2	Turkish IBAN Code	5

1. The twelve-digit bank branch code is used only in the national systems (Electronic Fund Transfer System and Electronic Securities Transfer and Settlement System).
2. The five-digit Turkish IBAN code is the bank identifier used in the Turkish IBAN.

United Arab Emirates

ISO Country Code	Routing Type	Full Code Name	Code length
AE	AERN	United Arab Emirates Routing Number	9
AE	AERN2	United Arab Emirates IBAN Bank Code	3

1. The nine-digit United Arab Emirates Routing Number is used in the Check Clearing, UAE Funds Transfer, Wages Protection and Direct Debit Systems.
2. The three-digit United Arab Emirates IBAN Bank Code, used to identify the bank within an Emirati IBAN, is the second, third and fourth digit of the nine-digit United Arab Emirates Routing Number.

Venezuela

ISO Country Code	Routing Type	Full Code Name	Code length
VE	VERN	Código de Banco	4
VE	VERN2	Código de Banco	3

1. The four-digit Código de Banco is the standard code issued by the Central Bank of Venezuela.
2. The three-digit Código de Banco is the same as the four-digit set except for the removal of a leading zero. The three-digit code is included as it is preferred by certain banks.

Vietnam

ISO Country Code	Routing Type	Full Code Name	Code length
VN	VNID	NAPAS ID Number	6
VN	VNRN	CITAD Code	8

1. The six-digit NAPAS ID Number is used in the NAPAS 24/7 Instant Interbank Funds Transfer system provided by NAPAS to its member banks and allows customers to use bank accounts and bank cards to transfer and receive funds in real time.
2. The eight-digit CITAD Code is a bank code required for domestic payments within Vietnam.

Table C: Sanctions Lists

The data being used to trigger a 'Y' flag in the sanctions tags originates from the corresponding lists below:

Jurisdiction	Acronym	Sanctions Lists	Description
European Union	EU	European Union List	List of entities published in the European Union's Consolidated List as well as the European Union's Official Journal subject to their Common Foreign and Security Policy related financial sanctions or their restrictive measures (i.e., travel restrictions). The regimes included are kept current by LexisNexis Risk Solutions Editorial Group.
		LexisNexis Risk Solutions European Union Enhancements List	List of entities that are subject to European Union Council decisions, Common Positions and other notices related to financial sanctions and/or restrictions including branches, subsidiaries and affiliates of designated entities that are not specifically listed on European Union's Consolidated List.
United Kingdom	HMT	Her Majesty's Treasury List	Consolidated list of targets listed by the United Nations, European Union and United Kingdom under legislation relating to current financial sanctions regimes.
		LexisNexis Risk Solutions Her Majesty's Treasury Enhancements List	List of entities that are subject to HMT's directives related to financial sanctions and/or restrictions, but are not specifically listed on the HMT Consolidated List. Including branches, subsidiaries and affiliates of designated entities that are not specifically listed on HMT's Consolidated list. Key matching information, such as the SWIFT BIC, is included when available for each enhancement entry.
United States	OFAC	OFAC List	List of entities listed on the U.S. Department of the Treasury Office of Foreign Assets Control ("OFAC") Specially Designated Nationals and Blocked Persons (SDN) list, Non-SDN Iranian Sanctions Act (NS-ISA) list, Palestinian Legislative Council list (NS-PLC), List of Persons Identified as Blocked Solely Pursuant to Executive Order 13599 (13599) list, Foreign Sanctions Evaders (FSE) list and Sectoral Sanctions Identifications (SSI) list.

Jurisdiction	Acronym	Sanctions Lists	Description
		LexisNexis Risk Solutions OFAC Enhancements List	<p>List of entities that are subject to the U.S. Department of the Treasury Office of Foreign Assets Control (“OFAC”), may not be specifically listed on the Specially Designated Nationals and</p> <p>Blocked Persons (SDN) list, Non-SDN Iranian Sanctions Act (NS-ISA) list, Palestinian Legislative Council list (NS-PLC), List of Persons Identified as Blocked Solely Pursuant to Executive Order</p> <p>13599 (13599) list, Foreign Sanctions Evaders (FSE) list, Sectoral Sanctions Identifications (SSI) list and entities lifted as part of the JCPOA. Enhancements include countries, government officials, principal cities and towns, financial institutions including SWIFT BICs, individuals, companies, organizations, subsidiaries, and vessels.</p>
International	UN	United Nations List	Lists of entities designated by the United Nations Security Council Sanctions Committees requiring freezing of funds. The lists included are kept current by LexisNexis Risk Solutions Editorial Group.
		LexisNexis Risk Solutions United Nations Enhancements List	<p>List of entities that are subject to United Nations Security Council letters and other notices related to financial sanctions and/or restrictions, but are not specifically listed on the UN Consolidated</p> <p>List. Including branches, subsidiaries and affiliates of designated entities that are not specifically listed on consolidated lists issued by the UN.</p>