



# The World of Standards

ANNA/ASB

ISIN

CFI

LEI

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# The World of Standards: ANNA and ASB

## Association of National Numbering Agencies (ANNA)

- CGS one of 22 founding members in 1992 and an original Board member
- Currently 82 full members and 30 partners representing 122 countries
- Registration Authority for ISIN standard
- Establish and update ISIN allocation guidelines
- Global expansion to new NNAs/countries

## ANNA Service Bureau

- Central hub and largest ISIN repository with over 4 million active ISINs
- Receive and consolidate ISIN data from NNAs
- Disseminate ISIN codes to the market
- CGS co-manages the facility with SIX-Telekurs (Swiss NNA)



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# The World of Standards: ISIN

## ISO 6166 - International Securities Identification Number

*A global, uniform unique code that identifies instruments to facilitate cross-border trading*

**Example: Amazon.com Inc – Common Stock**



# The World of Standards: CFI

## ISO 10962 – Classification of Financial Instruments code

### Equity/Shares

CFI Code	ESVUFR
Asset / Product Type	
Category	<b>E</b> = Equity
Group	<b>S</b> = Shares
Attributes	
1st Attribute – Voting right	<b>V</b> = Voting
2nd Attribute – Ownership	<b>U</b> = Unrestricted
3rd Attribute – Payment Status	<b>F</b> = Fully Paid
4th Attribute – Form	<b>R</b> = Registered

### Debt/ Bonds

CFI Code	DBFUGR
Asset / Product Type	
Category	<b>D</b> = Debt
Group	<b>B</b> = Bonds
Attributes	
1st Attribute – Type of Interest	<b>F</b> = Fixed Rate
2nd Attribute – Guarantee	<b>U</b> = Unsecured
3rd Attribute – Redemption	<b>G</b> = Callable
4th Attribute – Form	<b>R</b> = Registered



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# The World of Standards: Legal Entity Identifiers

Attempts to create a lingua franca for legal entities

- Allows regulators to better monitor systemic risk
- Underpinning of the Office of Financial Research (OFR) as created by the Dodd-Frank Act
- Domestically, will first be applied to OTC Derivatives market

Broad International Support

- G-20 Finance Ministers and Financial Stability Board
- Global Financial Markets Association (GFMA)

Proposed standard is ISO 17442

- SWIFT as Registration Authority
- DTCC as Facility Operator
- ANNA members, including CGS, as Federated Agents contributing LEI data from their respective markets



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# At the Vanguard of Legal Entity Identifiers

## The Launch of CABRE

- Need for consistent and effective communication with all Counterparties
- With Avox Ltd., we launched CUSIP Avox Business Reference Entity identifiers (CABREs)

### CABRE Example for Toyota Finance Australia Ltd AU0Q9157S7

Domicile Code	Identifier Tag	Code	Check Digit	Resulting CABRE
<b>AU</b>	<b>0</b>	<b>Q9157S</b>	<b>7</b>	<b>AU0Q9157S7</b>
<b>First 2 positions</b> <ul style="list-style-type: none"> <li>• ISO country code for physical location of entity</li> <li>• In this case, Australia</li> </ul>	<b>Next position</b> <ul style="list-style-type: none"> <li>• Value is '0' if CUSIP issuer identifier is embedded</li> <li>• Value is '1' if randomly generated code is embedded</li> </ul>	<b>Next 6 positions</b> <ul style="list-style-type: none"> <li>• CUSIP issuer identifier or randomly generated code</li> </ul>	<b>Next 1 position Check Digit</b> <ul style="list-style-type: none"> <li>• Mathematical formula checks accuracy of the previous 9 characters, and delivers a character result</li> </ul>	



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# Our LEI Contribution

## CABRE Directory

- Registry of financial entities with over 400,000 CABREs to date; semi-annual quality reviews
- Continuous inbound flow of new entities from Issuance Operations
- Directory is free to properly licensed institutions
- Pip-delimited format; refresh Master File

CABRE	Avox ID	Legal Name	Address	City	U.S. State	Country	CUSIP Issuer #
US00231359	3201952	Amazon.com Inc	1200 12th Avenue South	Seattle	WA	US	023135
RO0X0259Z0	11085768	ASTRA SA	Str. Fratii Buzesti 8	Craiova		RO	X0259Z
RO0X025A01	11086385	ASTRA SA	Str. SF. Vineri	Pitesti		RO	X025A0
SG10050763	2368764	ACE Insurance Limited	600 North Bridge Road	Singapore		SG	
HK10051107	2368613	ACE Insurance Limited	6-8 Harbour Road	Wanchai		HK	



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