



Cataloging & Brazilian Industry of Defense

Col Alexandre Prenazzi Disciacati – BRA NCB Director



PURPOSE



Demonstrate the Cataloging in context of Brazilian Government Policy to leverage the National Industry of Defense – A non-NATO view of Cataloging.



SUMMARY



- 1. National Strategy of Defense (2008)**
- 2. Provisory Law 544 (2011)**
- 3. CDS (South-America Defense Council)**
- 4. SISCAT-BR (Brazilian Codification System)**

1 - National Defense Strategy (2008)

- **MoD**
- **Context:** Emerging Economy (BRICS) 
Reorganization of National Industry of Defense 
Restructuring of Armed Forces
- **Strategic sectors:** Cybernetic, Nuclear and Spacial
- **Policies:**
 - Dissuasion
 - Coordination (Joint operation)
 - Science and Technology
 - International Relations
 - Human Resources
- **Principles**
 - Interoperability  **Cataloging**

2 - Provisory Law 544 (2011)

- “...special regulations to purchase, contracting of products of defense, defense systems (as well as development of them), regarding strategic companies...”
- Differential bidding - relieve of federal fees
- Prerequisite: company based on Brazil



- Mapping of “productive chain” – huge challenge
- Tracking of the Product of Defense
- Mapping, registration and control of strategica companies



➤ SISCAT-BR

3 – CDS (South-America Defense Council)

- Mechanism that seeks to promote the **exchange** in the field of **security** among countries that make up the **Union of South American Nations**
- Argentina, Brazil, Uruguay, Paraguay, Bolivia, Colombia, Ecuador, Peru, Chile, Guyana, Suriname and Venezuela
- Goal: “**South-America Codification System**” +/- PACS, TRICOD and NORDEFECO
- Collaborative (agreement):

➤ **SISCAT-BR**

4 - SISCAT-BR (Brazilian Codification System)

SGDC (Codification Data Management System)

(LEGACY SYSTEM)

- Established in 2000
- Developed using proprietary language (Delphi)
- Partnership with Public University
- Tool that enabled Brazil to become TIER 2
- Exclusive use for CECAFA (Armed Forces Codification Center)

SGDC

- Not compatible with WEB environment (operation restricted to internal networks)
- Dependent on extensive documentation
- Complex operation
- Life cycle ended

SOC – Communication Protocol

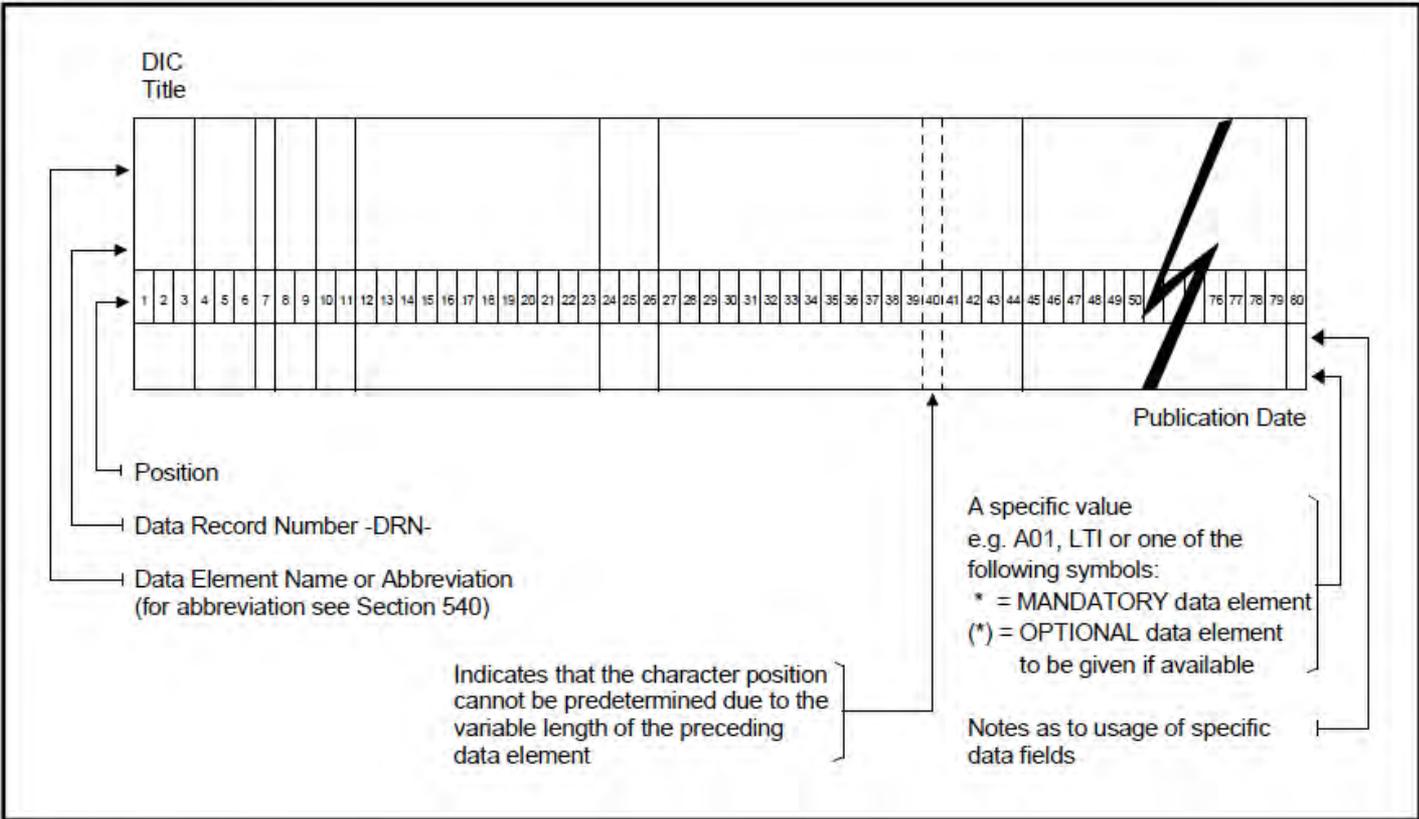


Figure V.2 - Record Format Standard Layout – International transactions

SISCAT-BR (Brazilian Codification System)

MOTIVATION FACTORS

1 - Removing the main barriers:

- Complexity of the cataloging tool
- Language
- Complexity in the searching process in catalogs

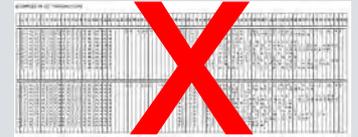
2 – Providing a software for domestic use

SISCAT-BR (Brazilian Codification System)

PURPOSES

1 – Simplifying the tool

→ **Focus on business**



2 – Cataloging in Portuguese or any other language

→ **Automation of all supporting documentation**



PUBLICAÇÃO	TIPO	VOLUMES	PÁGINAS	IDIOMA
RIG	GUIA	29930		ING
FIS	NORMA	3245		ING
ACDOP	NORMA	932		ING
HANDBOOK	NORMA	38		ING
MULTICOES	NORMA	22		ING
CODOP	NORMA	72		ING
APOSTILA	NORMA	761		PORT
TOTAL		1421	3700	

3 – Facilitating the access to the system

→ **WEB Application/Communication**

4 – Facilitating the process of search information

→ **similar access to Google**

SISCAT-BR (Brazilian Codification System)

PURPOSES

5 – Ensuring data quality

→ **Automation + Traceability + Training + Simulation (different environment: NCB-1, NCB-2, NCB-N, Service...) + Current technologies**

6 – Alignment with Government policy

→ **open source** - Independency of proprietary technologies)

7- Unique cataloging system - **Armed Forces & Federal Government**  **SINACAT (National Codification System)**

SISCAT-BR (Brazilian Codification System)

BENEFITS

- ✓ National domain system
- ✓ Publication of the multilingual CAT-BR
- ✓ Centralized data source for government acquisitions:
 - Standardization and control
 - Interaction of inventories
 - Rationalization of resources

SISCAT-BR (Brazilian Codification System)

BENEFITS

- ✓ Simplicity – easy user interaction
- ✓ Possibility of international interaction
- ✓ Raising of the training level
- ✓ XML communication

SISCAT-BR

 Sistema de Catalogação Brasileiro

SISCAT-BR

Sistema de Catalogação Brasileiro

Login *

Senha *



OK

Limpar

CECAFA - Centro de Catalogação das Forças Armadas

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***Col Alexandre Prenassi Disciacati
Commander(Navy) Alfred Bombrow
Ministry of Defense
Brazil***



A blue awning with a white scalloped edge and the word "CECAFA" in large white capital letters is positioned over the entrance of a brick building.

CECAFA

Codification, the Support of Logistic

E-mail:

NCBBRDIR@defesa.gov.br

