Experience Sharing

Customs Intelligent Governance and Trade Facilitation under the 3 Smarts Concepts

June 30, 2022
WTO Committee on Trade Facilitation formal Meeting
Since TFA came into force in 2017, China has actively explored on how to use intelligent technologies such as big data, block-chain, AI and 5G etc, in the customs process, border agency cooperation, and international Customs cooperation to accelerate implementation of the TFA.

2015年中国成为最早批准接受世贸组织
《贸易便利化协定》的成员之一
China Accepts the WTO Trade Facilitation Agreement in 2015, among the First in WTO Members
The COVID-19 pandemic not only profoundly changes the trade environment in the era of global value chains, but also prompts us to rethink the implementation of the Trade Facilitation Agreement about how to digitalize trade, improve scientific & technological empowerment and promote connectivity through smart approaches.

“SMART Borders for Seamless Trade, Travel and Transport”
——— The theme of International Customs Day in 2019

“Scaling up Customs Digital Transformation by Embracing a Data Culture and Building a Data Ecosystem.”
——— The theme of International Customs Day in 2022
At the 2021 "China-Central and Eastern Europe" summit, Chinese President Xi Jinping first officially proposed a major initiative to deepen customs cooperation on “Smart Customs, Smart Borders and Smart Connectivity” (“3S”) for trade security and faster clearance which was well received by the participants.
The core concept of the "3S" Initiative is “Smart”, which indicates not only the application of advanced technologies and equipment, but also innovative thinking, scientific methods and modern administrative systems.

Our experience shows that 3S initiative can accelerate implementation of the TFA, especially article 1, 7, 8, 10, 12 and 13.

- Customs’ Capacity
  - Smart Customs
- Cooperation Among Border Agencies
  - Smart Borders
- International Customs Cooperation
  - Smart Connectivity
SMART CUSTOMS

PRE-ARRIVAL PROCESSING
- EDI
- Single Window

INFORMATION
- Digitization
- Internet
- Mobile devices
- Telephone

HEALTH
- Data-based System
- Modular

SMART CUSTOMS

RISK MANAGEMENT
- 5G, AR
- AI, Big Data

AUTHORISED OPERATORS
- ERP
- Data Verification
- Remote Inspection
- AR Monitoring

EXPEDITED SHIPMENTS
- PERISHABLE GOODS
Example 1: “Contactless panorama” customs control in 5G Intelligent Technology Application

“5G flat panel + smart glasses”

“license plate recognition” and “face recognition”
SMART BORDER

01 FORMALITIES
Single Window
Electronic Processing - Smart Contact
Simplification of Documents

02 BORDER AGENCY COOPERATION
Integration
Information Sharing - Blockchain
Mutual Recognition
Support in Enforcement - Connected Facilities

Customs
Example 2: “Customs Clearance in Advance” and “Contactless Customs Clearance”

“Customs Declaration on Arrival”

“Customs Clearance in Advance”
“Contactless Customs Clearance”

Hohhot Customs

- shortened from 1 hour to 10 minutes
- single person to 10 seconds
- The intelligent gate channel
SMART CONNECTIVITY

CUSTUMS COOPERATION
- Data Exchange - E-platforms
- Mutual Recognition
- Support in Enforcement - Connected Facilities
- Seamless Communication

CAPACITY BUILDING
- Infrastructure - Connected Facilities
- Administration - E-training

Customs Data Exchange Platform CusDEP

Customs Information Exchange and Sharing Service Platform
Example 3: Smart Connectivity of Digital Border Information

Chongqing Customs of China and Singapore Port Group

“Smart Connectivity”

The real-time interaction of dynamic information of container logistics
Based on our efforts to integrate intelligent technologies into the implementation of TFA, China fully implemented the TFA 100% ahead of schedule in January 2020.

So far, the "3S" Initiative has been accepted in 21 strategic documents or inter-government cooperation documents by international organizations such as WCO and APEC, and China has developed 89 "3S" pilots in different ports.

THANK YOU

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