Promoting the Construction of “Smart Customs” by Innovating Regulatory Measures through Digitalization and New Technologies

China Customs

June 15, 2023
PROMOTING THE IMPLEMENTATION OF WTO TRADE FACILITATION AGREEMENT THROUGH DIGITAL REVOLUTION AND INTELLIGENCE TECHNOLOGIES

COMMUNICATION FROM CHINA

The following communication, dated 6 March 2023, is being circulated at the request of the delegation of China.
Development and Cooperation of the “3S” Initiative

共同推进
“智慧海关、智能边境、智享联通”
建设与合作的倡议

Initiative on
“Smart Customs, Smart Borders and Smart Connectivity”

中华人民共和国海关总署
2020年1月
GENERAL ADMINISTRATION OF CUSTOMS, P.R.CHINA
January 2020
What is “Smart Customs”

“Smart Connectivity”

“Smart Borders”

Reform → “Smart Customs” ← Technology
Case Study: Tianjin Customs District

The goal of Tianjin Port: build a world-class smart port and green port

Reform of smart control at the port: promote facilitation and ensure safety
Smart Platform for Cargo Collection and Distribution
Promote the Development of Foreign Trade

Tianjin model of “Direct Pickup and Direct Loading”: direct pickup upon off-loading for import and direct loading upon arrival for export.
Practice of Smart Control
Trail of Cargo Transportation

Overtime Alarm

Illegal Storage Alarm
Loading and unloading
En route supervision
Storage
Checkpost
装卸
途中监管
堆存
卡口
Ensure Security

Smart Eyes:
H986 Inspection System

Smart Nose:
Mobile Inspection Platform
Onsite Screening Device of Solid Waste

Screening Device of Mineral Solid Waste (Independent Research and Development)

Multi-spectrometer of H-substance Identification (Independent Research and Development)
Build a World-class Port

Improve the efficiency and reduce the time of Customs clearance:
by 73.6% in import time
by 43.4% in export time

<table>
<thead>
<tr>
<th></th>
<th>Time to Import, Border Compliance (h)</th>
<th>Time to Export, Border Compliance (h)</th>
<th>Pickup time for import</th>
<th>Release time for export</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>129.81 hours</td>
<td>86.23 hours</td>
<td>Traditional model</td>
<td>7 days in average</td>
</tr>
<tr>
<td>2022</td>
<td>34.30 hours</td>
<td>48.82 hours</td>
<td>Direct pickup alongside ship</td>
<td>1.5 Hours</td>
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</tbody>
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<thead>
<tr>
<th></th>
<th>2017</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pickup time for import</td>
<td>5 days in average</td>
<td>1.5 Hours</td>
</tr>
<tr>
<td>Release time for export</td>
<td>7 days in average</td>
<td>1-2 days</td>
</tr>
</tbody>
</table>
The ribbon-cutting ceremony for celebrating the annual container throughput of Tianjin Port exceeding 20 million in 2021.
Innovate the smart business model of frozen products and reduce the time of Customs clearance.
Customs Cooperation between China (Tianjin) and Singapore

China (Tianjin)-Singapore Demonstration Platform Project of International Trade Clearance Data Service

Single Entry, Mutual Sharing
up 49.5% year-on-year

Value of import and export trade

up 2 places

Ranking of Tianjin Port among the major domestic ports in Sino-Singapore trade

up 5 places

Ranking of Singapore among the major trade partners of Tianjin Port
Implementation of the WTO Trade Facilitation Agreement