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## NATIONAL INTEGRATED RISK MANAGEMENT SYSTEM (NIRMS)

10<sup>th</sup> May 2017



## **AGENDA**





- Introduction
- NIRMS Overview
- Operation Scheme
- NIRMS Risk Assessment Methodology
- **❖ NIRMS & Port Clearance Operations**
- Benefits



## **INTRODUCTION**





Customs applying 100% Physical Inspection Regime causes significant delays at border crossings, ports and airports

# Trade Facilitation & Revenue Collection



- Clearance
- •Economic Development
- •Foreign Direct Investment
- Revenue collection



Border Security & Integrity



• Inspection & audit

Reduced Intrusive Inspection by Customs for Imports From circa 90% TO 10%

## NATIONAL INTERGRATED RISK MANAGEMENT SYSTEM





- ❖ The National Integrated Risk Management System (NIRMS) is a platform designed for seamless connectivity and risk management decision system that assist the respective government agencies onboard the NSW system with dynamic and robust integrated risk management tool.
- NIRMS provide Government departments the flexibility to mirror all relevant risk indicators, profiles and experiences relevant to the agency through "thread-links" made visible in the system.
- NIRMS brings to convergence all seemingly fragmented agency risks and compliance inputs designed to provide the respective regulatory Agencies with robust risk based decision support system.

#### NIRMS FEATURES





- ❖ Multi-data (integrate data from different sources)
- Multi-site (adjustable by site)
- Multi-process (applicable to any process)
- Multi-agency (applicable within any Government agencies processes and risks)
- Multi-stakeholder (considers all trade stakeholders)
- Multi-purpose:
  - ✓ Revenue
  - ✓ Security
  - ✓ Narcotics etc

## NIRMS CHARACTERISTICS





The NIRMS solution based on four key approaches:

- 1. <u>Automated approach:</u> risk levels are assigned in real-time to consignments and therefore systematically used to guide the operational process flow.
- 2. <u>Focused approach:</u> appropriate level of intervention, resulting from sophisticated risk scoring computations, is assigned to each consignment, taking into consideration its specific characteristics.
- 3. <u>Efficiency approach:</u> targeting the high-risk consignments for Customs and Partner Agencies' intervention, and contributing to resource usage optimization.

#### NIRMS CHARACTERISTICS





4. <u>Dynamic approach:</u> NIRMS take into account intervention results (including valuation, examination and/or scanning, intelligence, post clearance audit (PCA), investigations) and partner agency information and intelligence to continuously consolidate the fraud database, thus enabling the system to deal with ever fluctuating and evolving noncompliance patterns.

#### NIRMS OPERATION SCHEME





## The National Risk Management Committee (Strategic Committee)

NRMC is responsible for managing and making strategic risk decisions (economic, strategic, political, national security, public safety, environmental, etc.) which directly or indirectly relates to international trade (in the movement of goods and people into the economy of Ghana).

## The National Risk Management Team (Operational Team)



NRMT is responsible for the operational administration of the NIRMS, and implementation of NRMC decisions with the system, and maintain the National Risk Register relating to Import/Export operations reporting to the NRMC.

## DETERMINING THE ROLES

The NRMC provide overall supervision of the implementation and the monitoring of the risks across the international trade supply chain

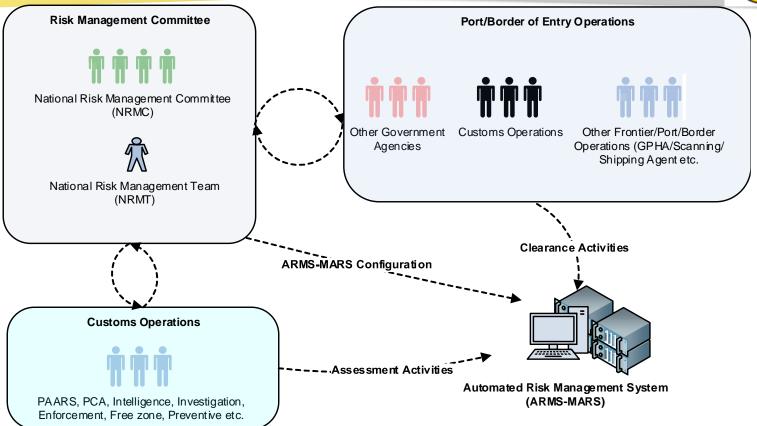


NRMT is responsible for the review of risk inputs requests and decisions, perform simulation for their implication and implementation. This is to ensure that potential conflicts alert are identified and registered on the "Conflict Matrix" for collective decisions to harmonise processes.

## NIRMS OPERATION SCHEME







## **COMPOSITION OF NRMC**





S/N	ORGANISATION
1	Environmental Protection Authority
2	Ghana Shippers Authority
3	Ministry of Interior
4	National Petroleum Authority
5	Ghana Revenue Authority
6	Food and Drugs Authority
7	Ghana Standard Authority
8	Narcotics Control Board
9	Minerals Commission
10	Ghana Ports & Harbours Authority
11	Ministry of Finance
12	Ministry of Health
13	Ministry of Transport
14	Ghana Immigration Service
15	Ghana Export Promotion Authority
16	Bank of Ghana
17	Ministry of Trade and Industry
18	Ministry of Food and Agriculture
19	Ghana Maritime Authority
20	Ghana Airports Company Limited
21	National Security Council
22 23	Ghana Association of Bankers Ghana Police Service

## **COMPOSITION OF NRMT**



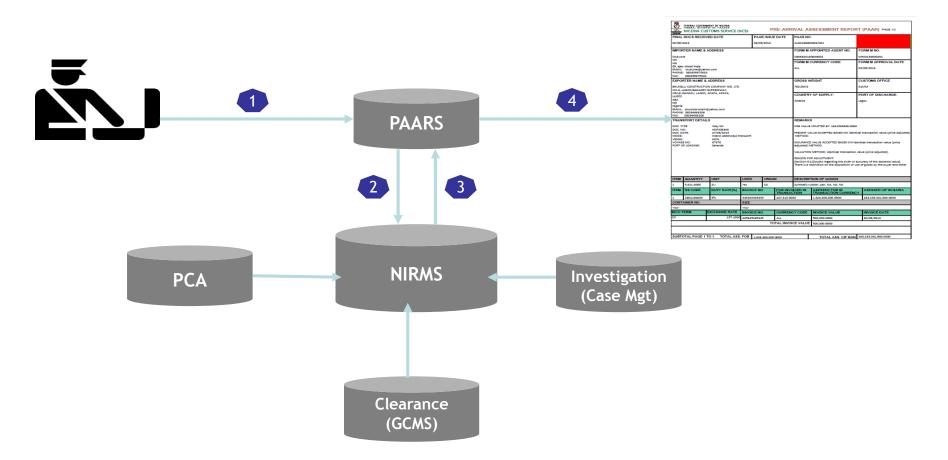


S/N	ORGANISATION
1	Environmental Protection Authority
2	Veterinary Services Department
3	Ministry of Interior
4	National Petroleum Authority
5	Ghana Revenue Authority
6	Food and Drugs Authority
7	Ghana Standard Authority
8	Narcotics Control Board
9	Animals Production Directorate
10	Minerals Commission
11	Plant Protection and Regulatory Services Directorate

## **CCVR GENERATION**



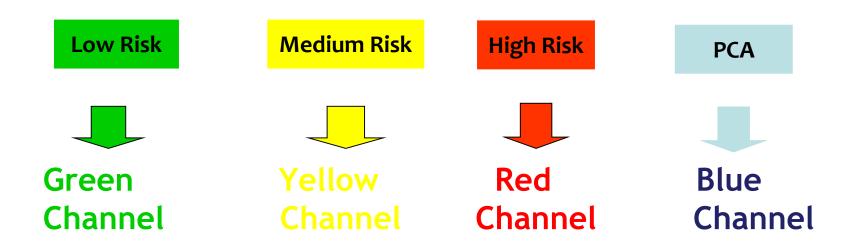








## Based on risk assessment, shipments are designated as:

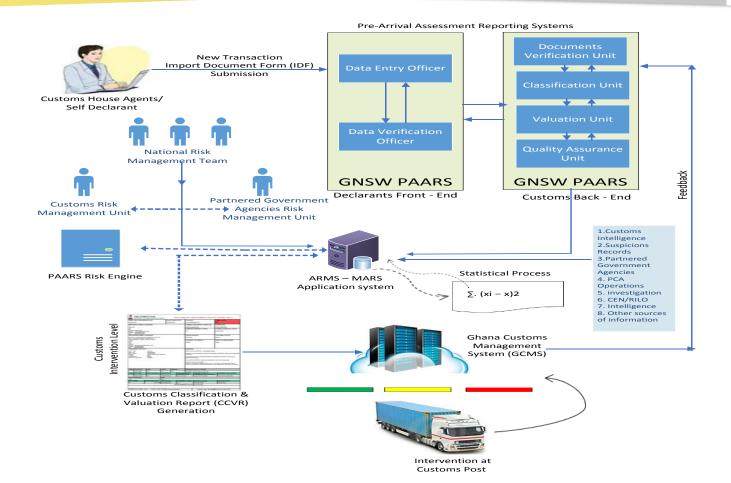


Based upon Channel Selection, shipments are subject to different levels of intervention...

## NIRMS & PORT CLEARANCE OPERATIONS







## **BENEFITS**





- Better Human Resource Allocation
- Reduce Release Time
- Increase Revenue
- Lower Transaction Cost
- Improve Compliance With Laws and Regulations







## THANK YOU!

