

Conventional Ammunition Security

Conflict Armament Research



iTrace
European Union Funded



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OEWG on Conventional
Ammunition

CONFLICT ARMAMENT RESEARCH



- Monitor
- Identify
- Document
- Trace
- Secure

Objectives

- **Ammunition Diversion—the Challenge**
- **Typology of Diversion**
- **Addressing Diversion**

Ammunition diversion and why does it matter?

The Challenge

- **Scale:** Ammunition diversion is a global challenge.
- **Unique impact:** Ammunition diversion has an immediate impact in fueling conflicts and terrorism.
- **Gaps in addressing diversion:** There is a lack of multilateral framework to address ammunition diversion.

Description of ammunition diversion

- **What:** Item enters an **illicit market**, or is redirected to an **unauthorized or unlawful end user** or for an **unauthorized or unlawful end use**
- **When:** Diversion can take place **at any point in the transfer chain** (e.g. export, import, transit, trans-shipment, storage, assembly, reactivation or retransfer).
- **How:** Change of effective ownership and/or control can involve **various forms** (direct, re-transferred, brokered, grants, gifts).

Typology of Diversion

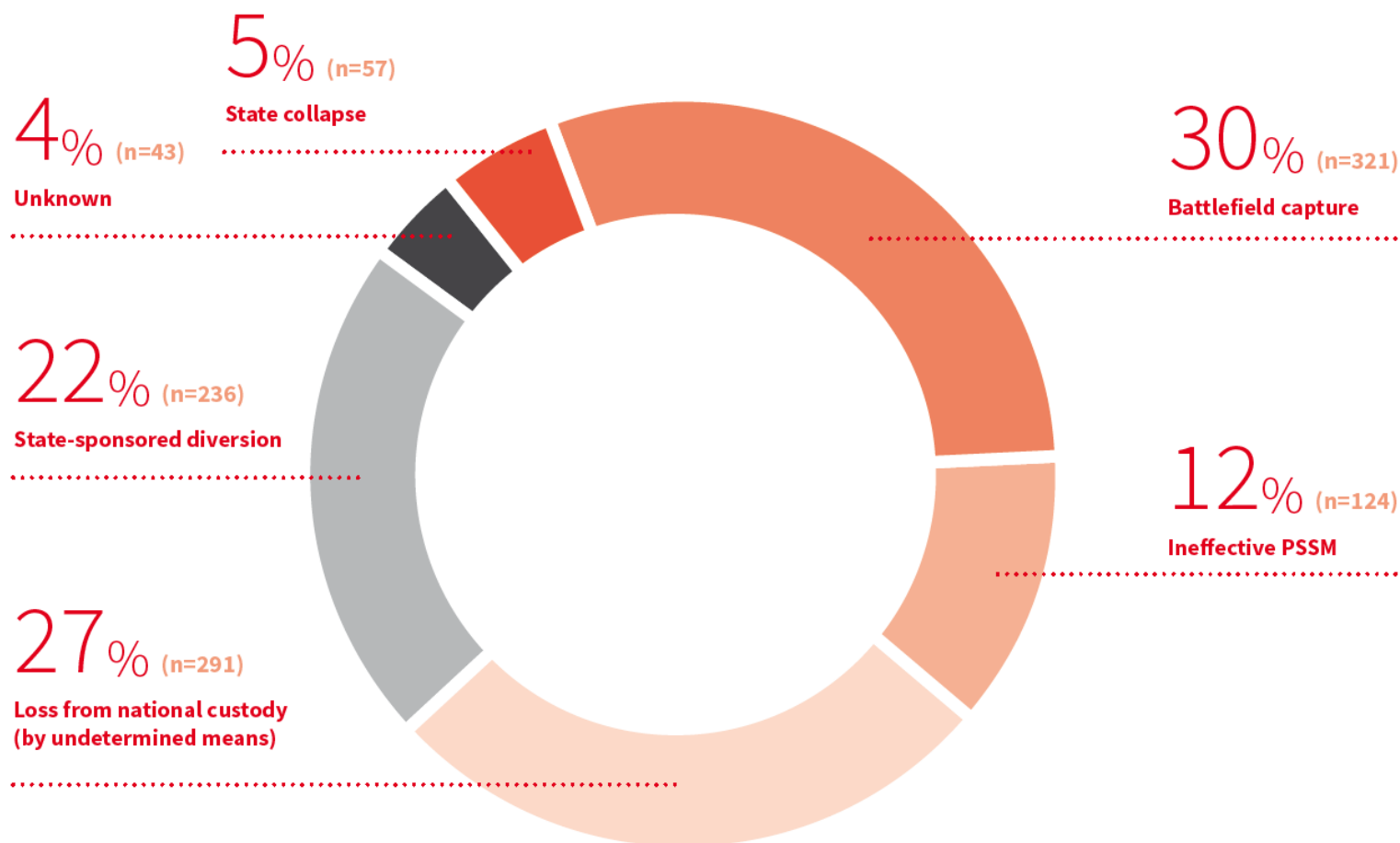
Typology of diversion

Diversion typology: incident points throughout supply chain security stages

<i>Incident points</i>	<i>Stage 1 Manufacture</i>	<i>Stage 2 Before the transfer</i>	<i>Stage 3 During the transfer</i>	<i>Stage 4 Post-delivery storage (physical security and stockpile management)</i>	<i>Stage 5 End use/disposal</i>
Diversion from manufacture	X				
State-sponsored unauthorized retransfer			X	X	
En route			X		
Capture	X	X	X	X	X
Breakdown of active forces				X	X
Fraudulent actions	X	X	X	X	X
State collapse	X	X	X	X	X
Ineffective physical security and stockpile management				X	X
Leakage from private actors		X	X	X	X
Non-regularization				X	X
Cross-border trafficking				X	X
Unclear	X	X	X	X	X

Source: *Diversion Typology*, GGE/PACAS/2020/3

Diversion: Evidence from the Field



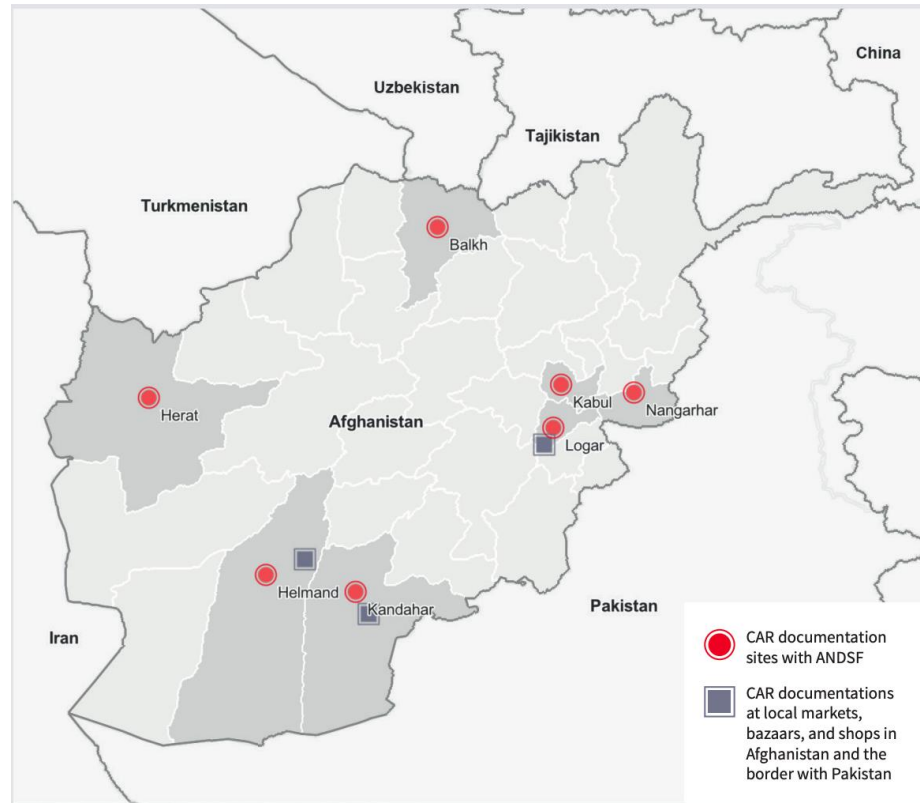
Spotlight Typology: Inadequate Stockpile Management

Problem:

Accidental and/or deliberate diversion (loss, leakage) from national stockpiles

Vulnerability points:

- Pre-transfer: Inadequate diversion risk assessment
- Post-delivery: Lack of import oversight
- PSSM: Lack of physical security & stockpile management capacity
- Monitoring: Lack of diversion monitoring capacity



Spotlight Typology: Unauthorized Re-Transfer

Problem:

Re-transfer of ammunition in violation of end use/r agreements

Vulnerability points:

- Pre-transfer: Absence of assurance for prohibition of re-export
- Transfer: Violation of no re-export clause
- PSSM: Inadequate recordkeeping & oversight
- Monitoring: Lack of diversion monitoring capacity

A Bulgarian 9M111MB-1 ATGW missile tube exported to the US Army on 12 December 2015

Documented by a CAR field investigation team in Al Khalidiyah, Iraq, February 2016



Spotlight Typology: Battlefield Capture

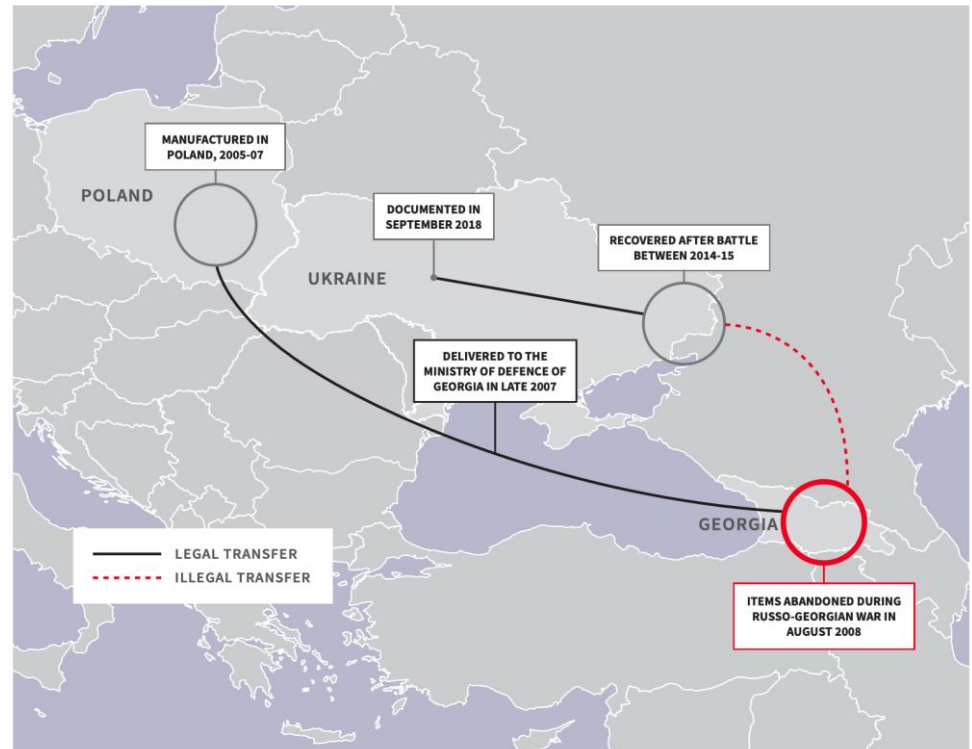
Problem:

Items change hands frequently in conflict

Vulnerability points:

- Pre-transfer: Lack of diversion risk assessment on potential battlefield losses by recipient
- PSSM: Insecure stockpiles
- Monitoring: Lack of diversion monitoring capacity

GROM E2 MANPADS supply chain



Spotlight Typology: State Collapse

Problem:

Widespread diversion of former State stockpile regionally

Vulnerability points:

- PSSM: Insecure stockpiles
- Monitoring: Lack of diversion monitoring capacity

**LAST MOVEMENTS OF THE CARGO SHIP *LETFALLAH II*,
INCLUDING THE TRANSPORT (2–5) OF DIVERTED WEAPONS
FROM LIBYA TO THEIR PLACE OF INTERCEPTION IN LEBANON**

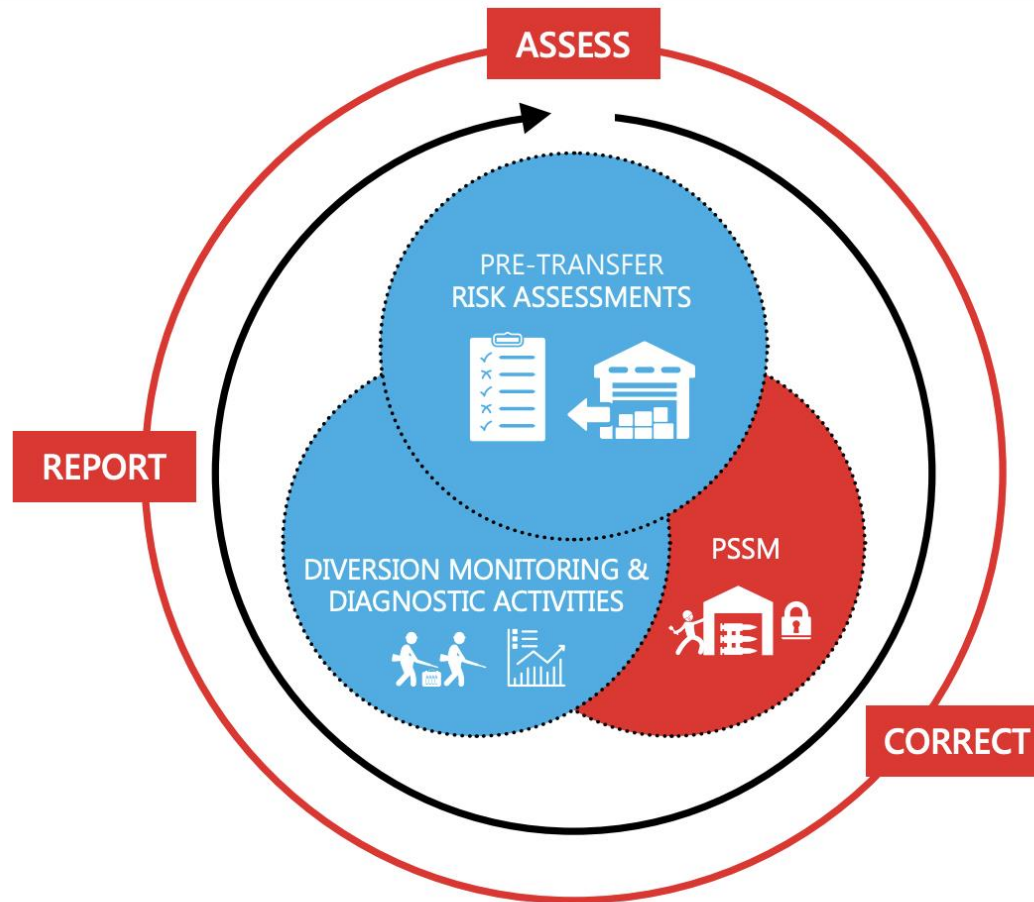


F7 RPG seized by Opération Sangaris in Bangui, Central African Republic, documented in September 2014 (top), and F7 RPG documented in Louaize, Lebanon, March 2015 (bottom)



Addressing Diversion

Gaps in Ammunition Security



ISSUE AREA

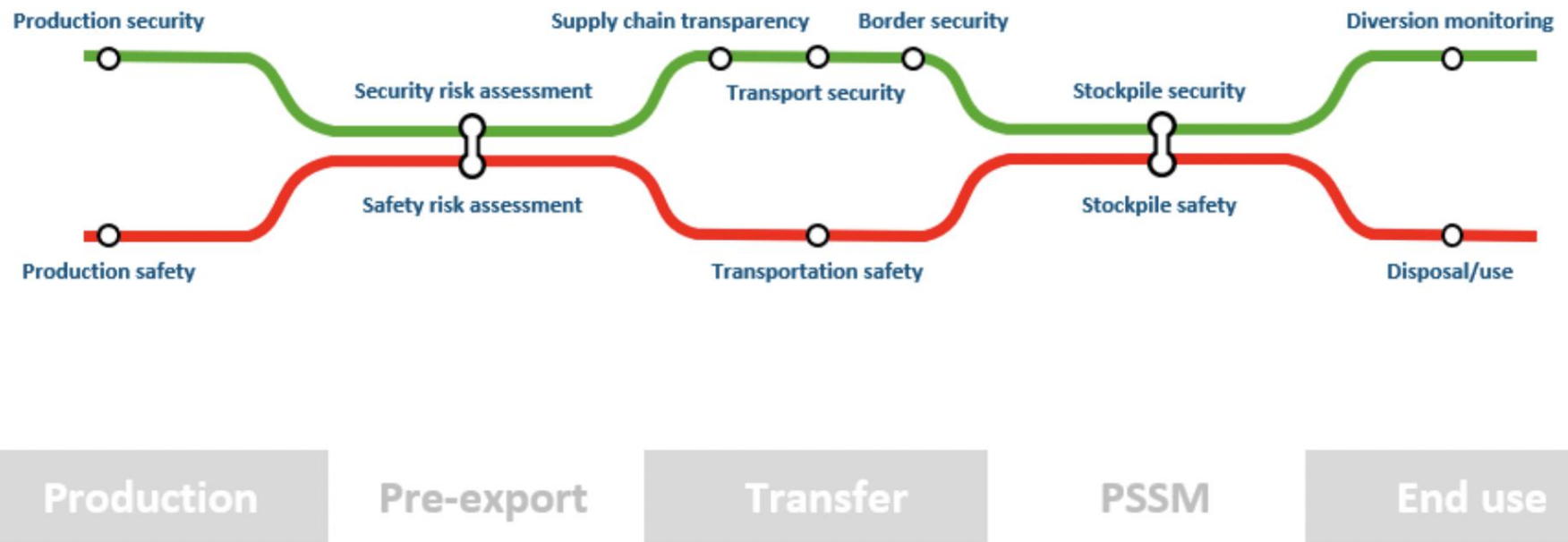


WHOLE-LIFE MANAGEMENT



SUPPLY SIDE SECURITY
(FEEDBACK LOOP)

A comprehensive approach



Source: *Diversion Typology*, GGE/PACAS/2020/3

Key takeaways

- **Diversion can take place at any point in transfer chain**
- **Types of diversion vary, as do measures to prevent, detect and mitigate them along the supply chain**
- **A comprehensive approach is needed to address ammunition diversion—a systemic approach that situates physical security and stockpile management (PSSM) within a wider framework of supply side controls and monitoring and diagnostic activities is essential**

THANK YOU

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