

COUNTER IMPROVISED EXPLOSIVE DEVICES CENTRE OF EXCELLENCE (C-IED CoE) CTRA. M-618 COLMENAR VIEJO - TORRELODONES, KM 14 28240 – HOYO DE MANZANARES MADRID (SPAIN) info@ciedcoe.org



C-IED COE Reference: S156-2020

SUBJECT: (REPORT) SUMMARY OF TACTICS, TECHNIQUES & PROCEDURES (TTP) FROM THREAT NETWORKS

REFERENCES:

- A. IED Technical Exploitation Lexicon, 5th Edition, 15 May 2017
- B. C-IED CoE's internal reports & databaseC. Open Sources
- AIM

This report is analysing the last known main tactics, techniques & procedures (TTP) as estimated to get conducted by a selected group of Threat Networks from a generic & widely understandable approach as recommended by the chosen classification level, so just avoiding to provide a full list of attacks, metrics, location of incidents or deep details about the conduct of attacks.

Accordingly, the most relevant point to study/identify is based on the intended target along with the expected effect, while the second priority is to estimate the tactical characteristics of the conducted attacks, and the third intent is to identify some specifics of the improvised explosive devices (IEDs) as employed during the attacks.

Please take into account that not all the groups but a selection of them have been included in that report.

In case Nations, NATO or Partner Organization require a more detailed and/or deeper analysis, please contact the CIED COE. In order to do so, it should be taken into account that for this analysis additional data and/or information about the referred threat network could be required by the CIED COE from the requestor. Accordingly, any output produced by the CIED COE as a result of that Request for Information will be issued to the whole C-IED Community through Communication & Information Systems (CIS) subject to the required classification level.

Approved 12 August 2020

Jose Antonio Cruz Moro Colonel, ESP Army C-IED COE Director

DISCLAIMER: The information in this document/presentation only represents the point of view of NATO C-IED CoE about the subject according to our knowledge and expertise, and do not reflect the official policy or position of any other organization or National postures.

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THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

Jama'at Nasr al-Islam wal Muslimin (JNIM)

THREAT NETWORK'S AREAS OF OPERATIONS → MALI, NIGER, BURKINA-FASO

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED	PRESSURE PLATE	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL		HME MAIN CHARGE		(UNPAVED ROADS)
			(Occasional RC-Arming)		
LAND/EMPLACED	ANTI-INFRASTRUCTURE	COMMAND (RC)	PERSONAL MOBILE RADIO	SECURITY FORCES	MOBILITY DENIAL
	OBSTACLE CREATION		REMOTE OPENING/ALARM		(CULVERTS & BRIDGES)
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED	ISOLATED LANDMINES	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL			CIVILIAN PEOPLE	(PAVED/UNPAVED ROADS)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	CONVENTIONAL MUNITION	SECURITY FORCES	ATTACK
SUICIDE	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	(MAIN CHARGE)		(BREACHING/COMPLEX ATTACK)

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

DAESH in the Greater Sahara (ISGS)

THREAT NETWORK'S AREAS OF OPERATIONS → MALI, NIGER, BURKINA-FASO, ALGERIA

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE	COMMAND (RC)	HME MAIN CHARGE	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL				(COMPLEX ATTACK)
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED	PRESSURE PLATE	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL		HME MAIN CHARGE	CIVILIAN	(IED)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	HOMEMADE EXPLOSIVE	SECURITY FORCES	ATTACK
SUICIDE	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	(MAIN CHARGE)		(IED)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	HOMEMADE EXPLOSIVE	LOCAL RIVALS (JNIM)	ATTACK
SUICIDE	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	(MAIN CHARGE)		(IED)
PERSON-BORNE IED	ANTI-PERSONNEL	COMMAND	HME MAIN CHARGE	SECURITY FORCES	ATTACK
SUICIDE		(PYROTECHNIC)			(IED)

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

DAESH in Sinai Wilayat *(Wilāyat Saynā)*

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow EGYPT

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED	PRESSURE PLATE	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL				(IED)
LAND/EMPLACED	ANTI-VEHICLE	COMMAND (RC)	-	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL				(COMPLEX ATTACK)
PERSON-BORNE IED	ANTI-PERSONNEL	COMMAND	-	SECURITY FORCES	ATTACK
		(PYROTECHNIC)		CIVILIANS	(LAST RESORT IF DISCOVERED)
					(COMPLEX ATTACK)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	CONVENTIONAL MUNITION	SECURITY FORCES	ATTACK
SUICIDE		(PYROTECHNIC/RC)			(IED)

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

Al-Shabaab (Harakat ash-Shabaab al-Muyahidin - AS)

THREAT NETWORKS' AREAS OF OPERATIONS → SOMALIA, KENYA & UGANDA

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
VEHICLE-BORNE IED SUICIDE	ANTI-INFRASTRUCTURE ANTI-PERSONNEL	COMMAND	UP-ARMORED VEHICLE HME MAIN CHARGE	SECURITY FORCES	ATTACK (BREACHING/COMPLEX ATTACK)
PERSON-BORNE IED SUICIDE	ANTI-PERSONNEL	COMMAND	-	SECURITY FORCES CIVILIAN PERSONNEL	ATTACK (IED)
VEHICLE-BORNE IED SUICIDE	ANTI-INFRASTRUCTURE ANTI-PERSONNEL	COMMAND	HME MAIN CHARGE	CIVILIAN PERSONNEL GOVERNMENT	ATTACK (IED)
PROJECTED	ANTI-INFRASTRUCTURE ANTI- PERSONNEL	-	MORTAR GRENADES	SECURITY FORCES AMISOM FORCES	ATTACK (COMPLEX ATTACK)
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED	PRESSURE PLATE (Occasional RC-Arming)	SECURITY FORCES LOCAL AUTHORITIES	ATTACK (IED)
LAND/EMPLACED	ANTI-VEHICLE	COMMAND (RC)	-	SECURITY FORCES LOCAL AUTHORITIES	ATTACK (IED)

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

BOKO HARAM (BH, Jama'at Ahl as-Sunnah lid-Da'wah wa'l-Jihad)

- SHEKAU faction (JASDJ, Wilayat Gharb Ifriqiyyah)

- Al-BARNAWI faction (ISWAP, Daesh in West Africa Province)

THREAT NETWORKS' AREAS OF OPERATIONS → NIGERIA, CAMEROON, CHAD

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
PERSON-BORNE IED	ANTI-PERSONNEL	COMMAND	COMMERCIAL &	SECURITY FORCES	ATTACK
SUICIDE			HOMEMADE	GOVERNMENT	(IED)
			EXPLOSIVES	MILITIAS	
			(MAIN CHARGE)	CIVILIANS	
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	CONVENTIONAL	SECURITY FORCES	ATTACK
SUICIDE	ANTI-INFRASTRUCTURE		MUNITION	GOVERNMENT	(IED/COMPLEX ATTACK)
			HME MAIN CHARGE	CIVILIANS	
			UP-ARMORED		
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED	PRESSURE PLATE	SECURITY FORCES	ATTACK
			CONVENTIONAL	CIVILIANS	(AREA DENIAL)
			MUNITION		
			HME MAIN CHARGE		
LAND/EMPLACED	ANTI-PERSONNEL	COMMAND (RC)	CONVENTIONAL	CIVILIANS	ATTACK
	ANTI-INFRASTRUCTURE		MUNITION	GOVERNMENT	(IED)
			HME MAIN CHARGE	SECURITTY FORCES	

HME – Homemade Explosive

RC – Radio Controlled

IED – Improvised Explosive Device

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

DAESH in Central Africa (IS-CAP, Wilayat Wasat Ifriqiya)

- Allied Democratic Forces faction (ADF) in DRC

Al Sunnah wa Jama'ah (ASWJ) /Shabaab in MOZ

THREAT NETWORKS' AREAS OF OPERATIONS → DEMOCRATIC REPUBLIC OF CONGO, TANZANIA, MOZAMBIQUE

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-PERSONNEL	TIME	-	SECURITY FORCES CIVILIANS	ATTACK (IED)
LAND/EMPLACED	ANTI-VEHICLE ANTI-PERSONNEL	COMMAND	-	SECURITY FORCES	ATTACK (COMPLEX ATTACK)
PROJECTED (THROWN)	ANTI-PERSONNEL ANTI-INFRASTRUCTURE	TIME	IMPROVISED HAND GRENADE INCENDIARY DEVICES	SECURITY FORCES CIVILIANS	ATTACK (IED)

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

Al-Qaeda in the Lands of the Islamic Maghreb (AQIM)*

*(Excluding those integrated in JNIM)

THREAT NETWORKS' AREAS OF OPERATIONS → ALGERIA, LIBYA, MAURITANIA, MOROCCO, TUNISIA

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED/	PRESSURE PLATE	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL				(IED)
LAND/EMPLACED	ANTI-VEHICLE	COMMAND (RC)	-	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL				(COMPLEX ATTACK)
PERSON-BORNE IED	ANTI-PERSONNEL	COMMAND	-	SECURITY FORCES	ATTACK
		(PYROTECHNIC)		CIVILIANS	(LAST RESORT IF DISCOVERED)
					(COMPLEX ATTACK)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	CONVENTIONAL MUNITION	SECURITY FORCES	ATTACK
SUICIDE		(PYROTECHNIC/RC)			(IED)

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

<mark>Haqqani Network (HQN)</mark>

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow AFGHANISTAN, PAKISTAN

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
VEHICLE-BORNE IED	ANTI-PERSONNEL ANTI-INFRASTRUCTURE	COMMAND/RC	MAINLY HME CHARGE	SECURITY FORCES FOREIGN INTERESTS	ATTACK (IED)

Islamic Emirate of Afghanistan (IEA)

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow AFGHANISTAN

TACTICAL	TACTICAL	TECHNICAL	TECHNICAL	TARGET	EFFECTS
CHARACTERIZATION	CHARACTERIZATION	CATEGORIZATION	CATEGORIZATION		
(TACTICAL DESIGN)	(PURPOSE)	(SWITCH)	(OTHER COMPONENTS)		
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED	PRESSURE PLATE	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL		(MAIN CHARGE) HME &		(UNPAVED/PAVED ROADS)
			CONVENTIONAL MUNITION		
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	MAINLY HME CHARGE BUT	SECURITY FORCES	ATTACK
SUICIDE	ANTI-INFRASTRUCTURE	(RC/PYROTECHNIC)	MILITARY ORDNANCE TOO	GOVERNMENT	(BREACHING/COMPLEX ATTACK)
PROJECTED	ANTI-PERSONNEL	COMMAND	IMPROVISED ROCKETS	SECURITY FORCES	ATTACK
	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	IMPROVISED LAUNCHERS		(IED/COMPLEX ATTACK)
			MILITARY ORDNANCE		

HME – Homemade Explosive

RC – Radio Controlled

IED – Improvised Explosive Device

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

DAESH IN KHORASAN WILAYAT (IS-KP, IS-K)

THREAT NETWORKS' AREAS OF OPERATIONS → AFGHANISTAN, PAKISTAN

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE ANTI-PERSONNEL	VICTIM OPERATED	PRESSURE PLATE HME MAIN CHARGE	SECURITY FORCES & COALITION	ATTACK (UNPAVED/PAVED ROADS)
LAND/EMPLACED	ANTI-PERSONNEL	COMMAND	RCIED HME MAIN CHARGE	TALIBAN LEADERS, SHIA TARGETS & MINORITIES	ATTACK (IED/COMPLEX ATTACK)
VEHICLE-BORNE IED	ANTI-PERSONNEL ANTI-INFRASTRUCTURE	COMMAND (PYROTECHNIC/RC)	MILITARY ORDNANCE & HME (MAIN CHARGE)	SECURITY FORCES	ATTACK (COMPLEX ATTACK)
LAND/EMPLACED	ANTI-PERSONNEL	RCIED	MILITARY ORDNANCE (MAIN CHARGE)	TTP & HIZBUL AHRAR LEADERS	ATTACK (COMPLEX ATTACK)
PROJECTED	ANTI-INFRASTRUCTURE ANTI-PERSONNEL	DELAY/COMMAND	CONVENTIONAL MUNITION & IMPROVISED LAUNCHERS	COALITION	ATTACK (SAFETY MEASURES DENIAL)
VEHICLE-BORNE IED SUICIDE	ANTI-INFRASTRUCTURE ANTI-PERSONNEL	COMMAND (PYROTECHNIC/RC)	MILITARY ORDNANCE & HME (MAIN CHARGE)	SECURITY FORCES	ATTACK (BREACHING/COMPLEX ATTACK)

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

TEHREEK-I-TALIBAN PAKISTAN (TTP)

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow **PAKISTAN**

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
PERSON-BORNE IED	ANTI-PERSONNEL	COMMAND	HME (MAIN CHARGE)	CIVILIANS &	ATTACK
SUICIDE		(RC/PYROTECHNIC)	ADDITIONAL SHARPNEL	SECURITY FORCES	(IED)
PROJECTED	ANTI-PERSONNEL	DELAY	IMPROVISED HAND	SECURITY FORCES	ATTACK
	ANTI-INFRASTRUCTURE	(PYROTECHNIC)	GRENADES		(COMPLEX ATTACK)
			IMPROVISED LAUNCHERS &		
			MILITARY ORDNANCE		
LAND/EMPLACED	ANTI-VEHICLE	COMMAND	RCIED	SECURITY FORCES	ATTACK
(ROADSIDE)	ANTI-PERSONNEL		HME MAIN CHARGE	GOVERNMENT	(IED/COMPLEX ATTACK)
LAND/EMPLACED	ANTI-PERSONNEL	DELAY/COMMAND	RCIED	CIVILIANS	ATTACK
			HME MAIN CHARGE	GOVERNMENT	(IED)

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

Core of DAESH in Iraq and al-Sham (ISIL)

THREAT NETWORKS' AREAS OF OPERATIONS → SYRIA, IRAQ

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE ANTI-PERSONNEL	COMMAND VICTIM-OPERATED	MILITARY ORDNANCE & HME (MAIN CHARGE)	SECURITY FORCES CIVILIANS OPPONENTS	ATTACK (IED/COMPLEX ATTACK)
PERSON-BORNE IED SUICIDE	ANTI-PERSONNEL	COMMAND (PYROTECHNIC/ELECTRIC)	-	SECURITY FORCES CIVILIANS	ATTACK (IED/COMPLEX ATTACK)
VEHICLE-BORNE IED SUICIDE	ANTI-PERSONNEL ANTI-INFRASTRUCTURE	COMMAND (PYROTECHNIC/RC)	UP-ARMORED (MAIN CHARGE) HME & MILITARY ORDNANCE	SECURITY FORCES	ATTACK (BREACHING/COMPLEX ATTACK)
VEHICLE-BORNE IED SUICIDE	ANTI-PERSONNEL ANTI-VEHICLE ANTI-INFRASTRUCTURE	COMMAND (PYROTECHNIC/RC)	(MAIN CHARGE) HME & MILITARY ORDNANCE	SECURITY FORCES GOVERNMENT CIVILIANS	ATTACK (IED)
PROJECTED	ANTI-PERSONNEL	DELAY (PYROTECHNIC)	IMPROVISED HAND/RIFLE GRENADES	SECURITY FORCES	ATTACK (COMPLEX ATTACK)
PROJECTED	ANTI-VEHICLE ANTI-ARMOR	COMMAND (PYROTECHNIC)	IMPROVISED ROCKET LAUNCHERS	SECURITY FORCES	ATTACK (COMPLEX ATTACK)
PROJECTED	ANTI-PERSONNEL	COMMAND (DRONE DROPPED)	IMPROVISED MUNITIONS	SECURITY FORCES	ATTACK (IED)

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

Hay'at Tahrir al-Sham (HTS)

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow SYRIA

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE	COMMAND	MILITARY ORDNANCE	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL	VICTIM-OPERATED	& HME (MAIN CHARGE)	CIVILIANS	(IED/COMPLEX ATTACK)
				OPPONENTS	
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	UP-ARMORED	SECURITY FORCES	ATTACK
SUICIDE	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	(MAIN CHARGE) HME &		(BREACHING/COMPLEX ATTACK)
			MILITARY ORDNANCE		
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	(MAIN CHARGE) HME &	SECURITY FORCES	ATTACK
SUICIDE	ANTI-VEHICLE	(PYROTECHNIC/RC)	MILITARY ORDNANCE	GOVERNMENT	(IED)
	ANTI-INFRASTRUCTURE			CIVILIANS	
PROJECTED	ANTI-PERSONNEL	COMMAND	IMPROVISED ROCKETS	SECURITY FORCES	ATTACK
	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	IMPROVISED LAUNCHERS		(IED/COMPLEX ATTACK)
			MILITARY ORDNANCE		

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

IRANIAN-BACKED SHIA MILITIAS

THREAT NETWORKS' AREAS OF OPERATIONS → IRAQ

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
PROJECTED	ANTI-PERSONNEL	COMMAND	MILITARY ORDNANCE	COALITION FORCES	ATTACK
	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	IMPROVISED LAUNCHERS	SECURITY FORCES	(IED)
LAND/EMPLACED	ANTI-VEHICLE	COMMAND	MILITARY ORDNANCE	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL	VICTIM-OPERATED	& HME (MAIN CHARGE)	GOVERNMENT	(IED/COMPLEX ATTACK)
				COALITION FORCES	

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

<mark>Ansar Allah (HOUTHI rebels)</mark>

THREAT NETWORKS' AREAS OF OPERATIONS ightarrow Yemen, Saudi Arabia

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE ANTI-PERSONNEL	VICTIM OPERATED	PRESSURE PLATE HME MAIN CHARGE	SECURITY FORCES OPPONENTS CIVILIANS	ATTACK (IED/COMPLEX ATTACK)
LAND/EMPLACED	ANTI-VEHICLE	COMMAND	HME MAIN CHARGE	SECURITY FORCES	ATTACK
(ROADSIDE)	ANTI-PERSONNEL	(RC)		OPPONENTS	(IED/COMPLEX ATTACK)
VEHICLE-BORNE IED	ANTI-VEHICLE (VESSEL)	COMMAND	MILITARY EXPLOSIVE	NAVAL FORCES	ATTACK
(MARITIME)		(RC)	(MAIN CHARGE)	CIVILIAN SHIPS	(IED)
VEHICLE-BORNE IED	ANTI-VEHICLE	COMMAND	IMPROVISED MUNITIONS	SECURITY FORCES	ATTACK
(AIR)	ANTI-PERSONNEL ANTI-INFRASTRUCTURE	(RC)			(IED)
ATTACHED	ANTI-VEHICLE	COMMAND	MILITARY & COMMERCIAL	SECURITY FORCES	ATTACK
(MAGNET)	ANTI-PERSONNEL	(RC)	EXPLOSIVE	GOVERNMENT	(IED)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	CONVENTIONAL MUNITION	SECURITY FORCES	ATTACK
SUICIDE	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	(MAIN CHARGE)		(BREACHING/COMPLEX ATTACK)

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

<mark>DAESH IN YEMEN WILAYAH (IS-YP)</mark>

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow YEMEN

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE	COMMAND	HME	OPPONENTS	ATTACK
	ANTI-PERSONNEL	(RC)	(MAIN CHARGE)	CIVILIANS	(IED/COMPLEX ATTACK)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	MILITARY ORDNANCE	SECURITY FORCES	ATTACK
SUICIDE	ANTI-		& HME		(IED/COMPLEX ATTACK)
	INFRASTRUCTURE		(MAIN CHARGE)		
PERSON-BORNE IED	ANTI-PERSONNEL	COMMAND	-	SECURITY FORCES	ATTACK
SUICIDE		(PYROTECHNIC/ELECTRIC)		CIVILIANS	(IED/COMPLEX ATTACK)

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

Al-Qaeda in the Arabian Peninsula (AQAP)

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow YEMEN

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
ATTACHED	ANTI-VEHICLE	COMMAND	MILITARY &	SECURITY FORCES	ATTACK
(MAGNET)	ANTI-PERSONNEL	(RC)	COMMERCIAL EXPLOSIVE	GOVERNMENT	(IED)
				OPPONENTS	
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	MILITARY ORDNANCE	SECURITY FORCES	ATTACK
SUICIDE	ANTI-		& HME		(IED/COMPLEX ATTACK)
	INFRASTRUCTURE		(MAIN CHARGE)		
PERSON-BORNE IED	ANTI-PERSONNEL	COMMAND	-	SECURITY FORCES	ATTACK
SUICIDE		(PYROTECHNIC/ELECTRIC)		CIVILIANS	(IED/COMPLEX ATTACK)

HME – Homemade Explosive

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THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

<mark>Abu Sayyaf</mark>

THREAT NETWORKS' AREAS OF OPERATIONS → PHILIPPINES

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
VEHICLE-BORNE IED	ANTI-INFRASTRUCTURE	COMMAND	HME	SECURITY FORCES	ATTACK
SUICIDE	ANTI-PERSONNEL		(MAIN CHARGE)		(IED/COMPLEX ATTACK)
LAND/EMPLACED	ANTI-VEHICLE	COMMAND	HME	SECURITY FORCES	ATTACK
(ROADSIDE)	ANTI-PERSONNEL	(RC)	(MAIN CHARGE)		(IED/COMPLEX ATTACK)
PERSONAL-BORNE	ANTI-PERSONNEL	COMMAND	HME/MILITARY EXPLOSIVE	SECURITY FORCES	ATTACK
IED		(PYROTECHNIC/RC)	(MAIN CHARGE)	CIVILIANS	(IED/COMPLEX ATTACK)

Bangsamoro Islamic Freedom Fighters (BIFF)

THREAT NETWORKS' AREAS OF OPERATIONS → PHILIPPINES

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	HME & MILITARY	CIVILIANS	ATTACK
(MOTORCYCLE)	ANTI-INFRASTRUCTURE	(RC)	ORDNANCE		(IED)
			(MAIN CHARGE)		

HME – Homemade Explosive

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THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

<mark>Ansar Al-Furqan</mark>

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow **IRAN**

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
VEHICLE-BORNE IED SUICIDE	ANTI-PERSONNEL ANTI-INFRASTRUCTURE	COMMAND (RC)	-	SECURITY FORCES	ATTACK (IED)

<mark>Jaish al-Adl</mark>

THREAT NETWORKS' AREAS OF OPERATIONS → IRAN

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
VEHICLE-BORNE IED SUICIDE	ANTI-PERSONNEL ANTI-INFRASTRUCTURE	COMMAND	-	SECURITY FORCES	ATTACK (IED)

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

<mark>Jamaah Ansharut Daulah</mark>

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow INDONESIA

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
PERSONAL-BORNE	ANTI-PERSONNEL	COMMAND	-	SECURITY FORCES	ATTACK
IED		(PYROTECHNIC/ELECTRIC)		CIVILIANS	(IED/COMPLEX ATTACK)

<mark>Barisan Revolusi Nasional Melayu Patani</mark>

THREAT NETWORKS' AREAS OF OPERATIONS → THAILAND

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
VEHICLE-BORNE IED	ANTI-PERSONNEL ANTI-INFRASTRUCTURE	COMMAND (RC)	-	GOVERNMENT CIVILIANS	ATTACK (IED)

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

<mark>Jaish-e-Mohammed</mark>

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow INDIA

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
VEHICLE-BORNE IED SUICIDE	ANTI-PERSONNEL ANTI-VEHICLE	COMMAND (RC)		SECURITY FORCES	ATTACK (IED)

<mark>Hizbul Mujahideen (HuM, HM)</mark>

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow INDIA

TACTICAL	TACTICAL	TECHNICAL	TECHNICAL	TARGET	EFFECTS
CHARACTERIZATION	CHARACTERIZATION	CATEGORIZATION	CATEGORIZATION		
(TACTICAL DESIGN)	(PURPOSE)	(SWITCH)	(OTHER COMPONENTS)		
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	-	SECURITY FORCES	ATTACK
SUICIDE	ANTI-VEHICLE	(RC)			(IED)

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

<mark>Naxalites</mark>

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow INDIA

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-PERSONNEL ANTI-VEHICLE	COMMAND VICTIM OPERATED	-	SECURITY FORCES	ATTACK (IED/COMPLEX ATTACK)

<mark>Lashkar-e-Taiba</mark>

THREAT NETWORKS' AREAS OF OPERATIONS → PAKISTAN, AFGHANISTAN, INDIA

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
VEHICLE-BORNE IED	ANTI-PERSONNEL ANTI-INFRASTRUCTURE	COMMAND	-	SECURITY FORCES	ATTACK

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

Baloch Liberation Tigers

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow **PAKISTAN**

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-PERSONNEL	RC	-	SECURITY FORCES	ATTACK (IED)

DAESH Wilayat e Hind

THREAT NETWORKS' AREAS OF OPERATIONS → INDIA, SRI LANKA, PAKISTAN, BANGLADESH, MALDIVES

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
PERSONAL-BORNE	ANTI-PERSONNEL	COMMAND	-	CIVILIANS	ATTACK
IED				GOVERNMENT	(IED)
PROJECTED	ANTI-VEHICLE ANTI-INFRASTRUCTURE	DELAY	INCENDIARY MAIN CHARGE	FOREIGN INTERESTS	ATTACK (IED)
LAND/EMPLACED	ANTI-PERSONNEL	DELAY/RC	-	SECURITY FORCES	ATTACK (IED)

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

Partiya Karkerên Kurdistan (PKK) & associated groups

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow TURKEY, SYRIA, IRAQ

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED	MILITARY ORDNANCE &	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL		HME MAIN CHARGE	CIVILIANS	(IED)
LAND/EMPLACED	ANTI-PERSONNEL	COMMAND	MILITARY ORDNANCE &	SECURITY FORCES	ATTACK
	ANTI-VEHICLE	(RC)	HME MAIN CHARGE	CIVILIANS	(IED/COMPLEX ATTACK)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	MILITARY ORDNANCE &	SECURITY FORCES	ATTACK
	ANTI-VEHICLE	(RC)	HME (MAIN CHARGE)	CIVILIANS	(COMPLEX ATTACK)
	ANTI-INFRASTRUCTURE	DELAY			
PROJECTED	ANTI-PERSONNEL	COMMAND	IMPROVISED MUNITIONS	SECURITY FORCES	ATTACK
		(DRONE DROPPED)			(IED)

HME – Homemade Explosive

RC – Radio Controlled

THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

<mark>Hezbollah</mark>

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow Palestine, Lebanon, Syria

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED	HME MAIN CHARGE	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL			CIVILIANS	(IED/COMPLEX ATTACK)
LAND/EMPLACED	ANTI-VEHICLE	COMMAND	HME MAIN CHARGE	SECURITY FORCES	ATTACK
(ROADSIDE)	ANTI-PERSONNEL	(RC)		OPPONENTS	(IED/COMPLEX ATTACK)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	IMPROVISED MUNITIONS	SECURITY FORCES	ATTACK
(AIR)	ANTI-INFRASTRUCTURE	(RC)			(IED)
PROJECTED	ANTI-PERSONNEL	COMMAND	MILITARY ORDNANCE	SECURITY FORCES	ATTACK
	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	IMPROVISED LAUNCHERS		(IED)
			IMPROVISED ROCKETS		
PROJECTED	ANTI-PERSONNEL	DELAY	IMPROVISED HAND	SECURITY FORCES	ATTACK
			GRENADES		(IED/COMPLEX ATTACK)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND	CONVENTIONAL MUNITION	SECURITY FORCES	ATTACK
SUICIDE	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	(MAIN CHARGE)	CIVILIANS	(IED/COMPLEX ATTACK)
PERSON-BORNE IED	ANTI-PERSONNEL	COMMAND	HME MAIN CHARGE	SECURITY FORCES	ATTACK
SUICIDE		(PYROTECHNIC/ELECTRIC)		CIVILIANS	(IED/COMPLEX ATTACK)
ATTACHED	ANTI-VEHICLE	DELAY	-	SECURITY FORCES	ATTACK
(MAGNET)		COMMAND (RC)		GOVERNMENT	(IED)

HME – Homemade Explosive

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THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

Hamas/Izz al-Din al-Qassam Brigades

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow Palestine, Israel

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE	VICTIM OPERATED	HME MAIN CHARGE	SECURITY FORCES	ATTACK
	ANTI-PERSONNEL				(IED/COMPLEX ATTACK)
LAND/EMPLACED	ANTI-VEHICLE	COMMAND	HME MAIN CHARGE	SECURITY FORCES	ATTACK
(ROADSIDE)	ANTI-PERSONNEL	(RC)			(IED/COMPLEX ATTACK)
PROJECTED	ANTI-PERSONNEL	COMMAND	ORDNANCE & IMPROVISED	SECURITY FORCES	ATTACK
	ANTI-INFRASTRUCTURE	(PYROTECHNIC/RC)	LAUNCHERS/ROCKETS		(IED)

Palestinian militant groups (Sons of Al-Zawari, Ahfad Al-Nasser, Sons of Al-Qoqa, Palestine Islamic Jihad...)

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow Palestine, Israel

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE	COMMAND	HME MAIN CHARGE	SECURITY FORCES	ATTACK
(ROADSIDE)	ANTI-PERSONNEL	(RC)		OPPONENTS	(IED/COMPLEX ATTACK)
PROJECTED	ANTI-PERSONNEL	DELAY	IMPROVISED HAND	SECURITY FORCES	ATTACK
			GRENADES		(IED)
PROJECTED	ANTI-PERSONNEL	DELAY	IMPROVISED MUNITIONS	SECURITY FORCES	ATTACK
		(BALLOON-BORNE)	(INCENDIARY/EXPLOSIVE)	CIVILIANS	(IED)

HME – Homemade Explosive

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THREAT NETWORKS - TACTICS, TECHNIQUES & PROCEDURES

DAESH in Caucasus Wilayat (IS-CP)

THREAT NETWORKS' AREAS OF OPERATIONS \rightarrow Dagestan, Chechnya, Ingushetia, Kabardino-Balkaria...

TACTICAL CHARACTERIZATION (TACTICAL DESIGN)	TACTICAL CHARACTERIZATION (PURPOSE)	TECHNICAL CATEGORIZATION (SWITCH)	TECHNICAL CATEGORIZATION (OTHER COMPONENTS)	TARGET	EFFECTS
LAND/EMPLACED	ANTI-VEHICLE ANTI-PERSONNEL	VICTIM OPERATED	PRESSURE PLATE LANDMINES AS SWICHT	SECURITY FORCES	ATTACK (IED)
LAND/EMPLACED	ANTI-VEHICLE ANTI-PERSONNEL	COMMAND (RC)	-	SECURITY FORCES	ATTACK (IED/COMPLEX ATTACK)
LAND/EMPLACED	ANTI-PERSONNEL	VICTIM OPERATED	BOOBY-TRAP	SECURITY FORCES CIVILIANS	ATTACK (IED)
PERSON-BORNE IED	ANTI-PERSONNEL	COMMAND (PYROTECHNIC/ELECTRIC)	MILITARY & HOMEMADE EXPLOSIVES	SECURITY FORCES	ATTACK (LAST RESORT IF DISCOVERED) (IED/COMPLEX ATTACK)
PERSON-BORNE IED	ANTI-PERSONNEL	COMMAND (PYROTECHNIC/ELECTRIC)	MILITARY & HOMEMADE EXPLOSIVES	CIVILIANS	ATTACK (IED)
PROJECTED	ANTI-PERSONNEL	DELAY	IMPROVISED HAND GRENADES	SECURITY FORCES	ATTACK (IED/COMPLEX ATTACK)
VEHICLE-BORNE IED	ANTI-PERSONNEL	COMMAND (PYROTECHNIC/RC) DELAY	MILITARY & HOMEMADE EXPLOSIVES	SECURITY FORCES CIVILIANS	ATTACK (IED)

RC – Radio Controlled