MILITARY COMMISSIONS TRIAL JUDICIARY GUANTANAMO BAY

UNITED STATES OF AMERICA

ν.

KHALID SHAYKH MOHAMMAD, WALID MUHAMMAD SALIH MUBARAK BIN 'ATTASH, RAMZI BIN AL SHIBH, ALI ABDUL AZIZ ALI, MUSTAFA AHMED ADAM AL HAWSAWI AE 488 (MAH)

Defense Motion to Dismiss for Lack of Subject Matter Jurisdiction Due to the Absence of Hostilities

Filed: 3 February 2017

- 1. <u>Timeliness</u>: This motion is timely filed under R.M.C. 905(b)(2), which provides that jurisdictional defects in the charges and specifications may be raised at any time during the pendency of the proceedings.
- 2. **Relief Sought:** The Defense seeks dismissal of this case for lack of subject matter jurisdiction under the Military Commissions Act of 2009 (MCA).
- 3. Overview: Under the MCA, this Commission may try the accused for the specified crimes only if these offenses were committed "in the context of and associated with hostilities."

 "Hostilities" are defined in the Military Commissions Act as "any conflict subject to the laws of war."

Under well-established international law, a conflict is not subject to the laws of war unless it exceeds a minimum threshold of intensity. State practice—which directs what becomes the law of war—before 9/11 demonstrates that governments treated conflicts between themselves and small armed groups like al Qaeda as "terrorism" or as some other crime, rather than as armed conflicts, even when those groups were larger and undertook more sustained campaigns than al Qaeda. Historical examples of state practice illustrate this fact, as does the United States Government's own behavior before and on 9/11.

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Even if one accepts that hostilities now exist, the charged offenses must nonetheless be dismissed because under the Law of War as it stood on 9/11, no one could be prosecuted for war crimes as a result of actions that took place *before* hostilities began. Since Mr. al Hawsawi is charged only with actions that took place before 9/11, and since there were no hostilities at that time, the Commission lacks jurisdiction to try him.

Mr. al Hawsawi's alleged misconduct, because they were not carried out during hostilities, were therefore not subject to the laws of war. And because the Military Commissions Act confers jurisdiction on this Commission only for offenses that were committed "in the context of and associated with hostilities," this Commission lacks jurisdiction to try this case.

4. <u>Burden and Standard of Proof</u>: The Prosecution has the burden of showing that the Commission has jurisdiction. R.M.C. 905(c)(2)(B).

5. Facts:

a. Mr. al Hawsawi has been charged with seven specifications, all based on his alleged involvement in the al-Qaeda "planes operation" on September 11, 2001. According to the charge sheet, the acts alleged were committed "in the context of and associated with hostilities."

b. The Government has further alleged that this attack was planned by "the al-Qaeda organization."

c. The Government has made specific allegations against Mr. al Hawsawi in connection with Charge I. All the specific overt acts alleged against Mr. al Hawsawi in support of the attacks of 9/11 predate the actual attacks of that day.

d. For purposes of the instant motion only, the Defense requests judicial notice of the

facts detailed below.1

Mau Mau Emergency, Kenya—1952-56.

- e. The Mau Mau (or *Muhimu*) were an armed political movement in Kenya that sought the end of British rule over lands of the Kikuyu people (att. B, p. 420-21). Its membership exceeded 11,000 at its peak in 1953 (att. C., p. 261), falling to less than 4000 by the end of 1954 (att. C, p. 269). It had a command structure, with "generals" and "field marshals," but it was never effectively unified under one commander (att. C, p. 243, 248; att. B, p. 420).
- f. Mau Mau attacks killed about 1851 civilians and wounded another 942 (att. C, p. 84, att. B, p. 420), with another 600 government security forces killed and 729 wounded in the fighting (att. B, p. 420). The most prominent attack was an organized assault on the settlement of Lari in 1953, in which almost 1000 Mau Mau fighters took part (att. D, p. 137-39), killing 74-84 persons and wounding 31-50 (att. D, p. 141; att. C, p. 126, 128). In the course of the fighting, over 10,000 Mau Mau fighters were killed, with another 2600 captured and 26,000 arrested (att. B, p. 420).
- g. The British government did not recognize the Mau Mau uprising as a "war" or "rebellion," but only as a "civil disturbance" (att. C, p. 114). They responded to the threat by outlawing the Mau Mau organization and conducting a large number of criminal trials in civilian courts, including "Special Emergency Assize [criminal] Courts" staffed with experienced magistrates (att. C, p. 152). These trials were for offenses such as murder, unlawful weapons possession, or consorting with the outlawed organization (att. C, p. 353-54). These led to over 1000 executions (against 240 commutations and 160 successful appeals) and, at peak, almost 18,000 persons in prison convicted of Mau Mau offenses (att. D, p. 353-56).

¹ The Defense previously sought, but was denied, expert assistance to establish such facts as these. See AE 421C (Ruling) (Ex Parte and Under Seal), dated 5 Oct 2016.

- h. The Lari massacre, in particular, led to 19 criminal trials with 309 defendants, of whom 236 were acquitted or otherwise released (att. C, p. 157, 176).
- i. The government also engaged in collective punishments (mainly cattle seizures) and security detention (att. C, p. 355-56).

Provisional Irish Republican Army, Northern Ireland-1969-2001

- j. In the 1970s and 80s, the Provisional Irish Republican Army [hereinafter "IRA"] was a political, armed organization that sought the reunification of Ireland (att. B, p. 285). Its membership fluctuated between 100 and 800 members (att. E, p. 100, att. F, p. 253). It was organized in a disciplined cellular structure designed to prevent government penetration, with all cells reporting through a chain of command to an Army Council that made strategic decisions and issued binding orders (att. G; att. B, p. 290; att. H, p. 95-96).
- k. Between 1960 and 2001, the IRA killed about half of the approximately 3500 people killed during the entire conflict in Northern Ireland (att. B, p. 288). A thorough tabulation from 1969 to 1993 shows the IRA as having killed 1755 persons during that time (att. I, p. v-vi, 206), and that its killings focused primarily on British forces (att. I, p. 196-97). Examination of the charts from this tabulation for the years 1977-81 reveals the following figures:

Year	Number of Attacks by IRA	Number Killed by IRA
1977	64	70
1978	39	56
1979	56	93
1980	39	45
1981	49	59

(att. I, p. 100-132, 206).

The largest attack in this period was the killing of nineteen British Army Soldiers by

remote controlled bombs in August 1979 (att. I, p. 117). From the 1970s through the 1990s the IRA developed and deployed a wide and sophisticated range of weapons and tactics (att. H, p. 97-109).

1. The British Government outlawed the Provisional IRA in 1973 (att. F, p. 263; att. J, p. 180) and permitted their trials before civilian magistrates (instead of juries), in "Diplock courts," the same year (att. E, p. 120; att. J, p. 183-84). From 1972 to 1976, convicted IRA prisoners were granted "special category" status, in which they were exempt from some prison regulations (att. K; att. J, p. 193), though the British government never considered the prisoners as "political" rather than ordinary prisoners (att. J, p. 193). When, in 1976, the British took away certain prisoners' privileges from the IRA which resulted in IRA members being treated as any other prisoners, the IRA protested (att. K, L). The British government paid no heed to the IRA's vision of itself as more than common criminals; rather, the government continued to treat the IRA's actions as terrorist acts punishable as ordinary crimes handled under civilian criminal statutes—and not as war crimes. (att. J, p. 179, 183; att. L).

Brigate Rossi (Red Brigades), Italy-1969-88.

m. In the 1970s and 1980s, the Red Brigades were a political armed organization that sought to overthrow the Italian State, with about 400-500 full-time core members at any given time (att. M, p. 18), though approximately 1300 members or former members were in prison by 1989 (att. B, p. 579). They were organized in self-sufficient "columns" and Regional Revolutionary Committees, all falling beneath a central Strategic Directorate (att. M, p. 17-18; att. N, p. 61-62), with separate "fronts" to provide logistical and propaganda services (att. N, p. 61).

n. Between 1974 and 1988 the Red Brigades committed at least 50 "noteworthy"

attacks, as well as 47 assassinations, 19 "kneecapping" assaults, and 13 kidnappings (att. B, p. 578). During the "years of lead" (1977-79), terrorist groups in Italy, of which the Red Brigades were the most prominent, committed 6670 "acts of political violence" (att. N, p. 183), though precise numbers attributed to each group are hard to come by. The Red Brigades' most prominent operation was the kidnapping, "trial," and killing of former Prime Minister Aldo Moro, involving a carefully planned ambush by ten experienced militants drawn from throughout the organization (att. N, p. 102-03, 110-11; att. B, p. 577).

o. The Italian State responded to the threat using civilian criminal law. Members of the Brigades were tried for ordinary crimes, including crimes such as creating, promoting, or joining terrorist organizations or "armed bands" (att. N, p. 212). In 1987, Italian prosecutors attempted to try 253 members of the Brigades and similar organizations (who had previously been convicted under other civilian criminal laws) for "waging an armed insurrection against the state." All were acquitted of that particular offense because Italian law did not recognize "domestic terrorism" as falling within that additional category of "waging armed insurrection against the state." (att. O).

Aum Shinrikyo, Japan—1989-1995.

p. In 1995, Aum Shinrikyo was a religious organization with approximately 40,000 members, including 9,000 in Japan (att. B, p. 59). It organized itself in governmental fashion, with a Ministry of Defense that was to organize its "Army," a Ministry of Health that controlled its own hospital, a Ministry of Construction to acquire land and buildings, and similar divisions (att. P, p. 51-56). It sought to establish itself as a new government in Japan by coup d'état, for which purpose it manufactured 10,000 rifles (att. P, p. 65, 68) and also acquired other arms and training for some of its members in Russia (att. P, p. 58).

- q. Aum Shinrikyo members carried out the following attacks:
- 4 Nov 1989: Killing anti-Aum lawyer Tsutsumi Sakamoto and his family (att. P, p. 48).
- Mid-November 1993: Attempted poisoning of a rival religious leader, Daisaku Ikeda (att. P, p. 82-83).
- 9 May 1994: Attempting poisoning of Taro Takimoto, a lawyer who assisted disaffected Aum members (att. P, p. 83).
- 27 June 1994: Release of Sarin gas in Matsumoto, Japan, killing 7 and injuring up to 500 (att. P, p. 87, 100).
- 28 November 1994: Attempted poisoning of Mr. Noboru Mizuno, an attorney who was helping an Aum escapee (att. P, p. 182).
- 12 December 1994: Poisoning of Mr. Chyujin Hamaguchi, who was thought to be a police spy (att. P, p. 184).
- 4 January 1995: Poisoning of Mr. Hiroyuki Nagaoka, father of an Aum member who tried to get him out of Aum and created an anti-Aum organization to help Aum victims (att. P, p. 183).
- 1 March 1995: Kidnapping and murder of Mr. Seishi Kariya, brother of an Aum member who left the organization (att. P, p. 139-40).
- 20 March 1995: Release of Sarin gas in Tokyo subway (12 dead, 3796 injured) (att. P, p. 153-54).
- 5 May 1995: Attempted poison gas attack at another Tokyo subway. This attack failed because the device was discovered early; it was planted in an area where hundreds of thousands of passengers pass every day. (att. P, p. 187).
- r. The successful Tokyo subway attack required ten operatives: five drivers and five attackers (att. P, p. 199).
- s. The Government of Japan prosecuted 118 Aum Shinrikyo members for involvement in these attacks and other crimes. The prosecutions took place in Japan's criminal courts for civilian offenses, such as murder, attempted murder, kidnapping, and violations of Japan's explosives control law (att. Q, R).

Al Qaeda and the United States.

- t. According to the 9/11 Commission Report, al Qaeda had perhaps "a few hundred" members at the time of the 9/11 attacks. National Commission on Terrorist Attacks Against the United States, *The 9/11 Commission Report* 67 (2004) [hereinafter 9/11 Commission Rept.]. The Government has provided a translated paraphrase of a letter by Mr. Mohammad, suggesting that al Qaeda was organized in a top-down fashion, with major decisions to be made by Osama Bin Laden himself, in consultation with a council of advisors. (att. F)
- u. Before the 9/11 attacks, al Qaeda had carried out three other attacks against the United States: The simultaneous bombing of two U.S. embassies in Africa in August 1998, with 23 dead and 5000 injured (9/11 Commission Rept. 70), the attempted attack on the USS *The Sullivans* in January 2000, and the successful attack on the USS *Cole* in October 2000, with 17 dead and 40 wounded (9/11 Commission Rept. 190).
- v. According to an interrogation summary of Mr. Mohammad provided by the Government, the 9/11 attacks themselves involved only 35 persons (att. S).
- w. In response to the embassy bombings, the United States indicted and tried four persons for their roles in the attack. All four were convicted under civilian statutes on 29 May 2001, and sentenced to life imprisonment later that year. *In re Terrorist Bombings of U.S. Embassies in East Africa*, 552 F.3d 93, 101-02 (2d Cir. 2008).
- x. In a Presidential Radio Address (14 October 2000) occurring after the *Cole* attacks, the President acknowledged that the United States was not at war. Remarks of President Bill Clinton at the Memorial Service for the *U.S.S. Cole* in Norfolk, Virginia (18 October 2000) (att. T) ("Their tragic loss reminds us that *even when America is not at war*, the men and women of our military still risk their lives for peace. I am quite sure history will record in great detail our

triumphs in battle, but I regret that no one will ever be able to write a full account of the wars we never fought, the losses we never suffered, the tears we never shed because men and women like those who were on the *U.S.S. Cole* were standing guard for peace.").

y. On 9/11 itself, President Bush announced his intention to bring the persons responsible for 9/11 "to justice" using "the full resources of our intelligence and law enforcement communities." President George W. Bush, *Address to the Nation on the September 11 Attacks* (Sept. 11, 2001).

z. In December 2001, the Government indicted Zacarias Moussaoui in a civilian federal court under civilian statutes for conspiring to commit the 9/11 attacks. Mr. Moussaoui was convicted in federal court of the crime of conspiracy to commit acts of terrorism. *See United States v. Moussaoui*, 382 F.3d 453, 457 (4th Cir. 2004).

6. Law and Argument:

I. Standards

The charges against Mr. al Hawsawi are all specified in Subchapter VIII of the Military Commissions Act of 2009. Section 950b(c) of the Act provides that "[a]n offense specified in [subchapter VIII] is triable by military commission under this chapter *only if* the offense is committed in the context of and associated with hostilities." (emphasis added). This language is jurisdictional on its face. The Military Commissions Act defines "hostilities" as "any conflict subject to the Law of War." 10 U.S.C. § 948a(9). Thus, this Commission has jurisdiction only if the 9/11 attacks were part of a "conflict subject to the Law of War."

Under the law of war more broadly, law of war commissions such as this one have jurisdiction to try only war crimes or breaches of certain military orders. *See Hamdan v.*

Rumsfeld, 548 U.S. 557, 597-98 (2006). Under the Principle of Legality,² moreover, the law of war cannot be redefined in the moment and made to apply retroactively, and war crimes tribunals do not have jurisdiction over cases created by the retroactive modification of the Law of War. See Prosecutor v. Cerkez, Decision on the Motion to Dismiss the Amended Indictment for Lack of Jurisdiction Based on the Limited Jurisdictional Reach of Articles 2 and 3, No. IT-95-14-T, 1999 WL 33916901, at ¶ 20 (Int'l Crim. Trib. for the Former Yugoslavia 1999) (acknowledging the Principle of Legality as limiting the Tribunal's jurisdiction to try war crimes, and doing so even though that principle is not specifically mentioned in the statute of the ICTY).

At the time of the events of September 11, 2001, the accepted standard for determining the existence of armed conflict (i.e., a conflict subject to the laws of war) in a war crimes tribunal was laid down in *Prosecutor v. Tadic*:

The test applied by the Appeals Chamber to the existence of an armed conflict for the purposes of the rules contained in Common Article 3 focuses on two aspects of a conflict; the intensity of the conflict and the organization of the parties to the conflict. In an armed conflict of an internal or mixed character, these closely related criteria are used solely for the purpose, as a minimum, of distinguishing an armed conflict from banditry, unorganized and short-lived insurrections, *or terrorist activities*, which are not subject to international humanitarian law.

Case No. IT-94-1-T-7, Judgment ¶ 562 (Int'l Crim. Trib. for the Former Yugoslavia 1997) (emphasis added); see also Protocol Additional to the Geneva Conventions of 12 August 1949, and Relating to the Protection of Victims of Non-International Armed Conflicts (Protocol II), art. 1(2), June 8, 1977, 1125 U.N.T.S. 609 (provides that armed conflicts do not include "disturbances and tensions, such as riots, isolated and sporadic acts of violence and other acts of a similar nature.").

Thus, for the Law of War to apply to a conflict, that conflict must meet a minimum threshold based on its *intensity* and the *organization* of the parties; "sporadic" attacks and

"terrorism" do not trigger the laws of war. See, e.g., U.S. Department of Defense Law of War Manual (2016), Section 3.4.2.2 (p. 83), Distinguishing Armed Conflict From Internal Disturbances and Tensions ("situations of internal disturbances and tensions, such as riots, isolated and sporadic acts of violence, and other acts of a similar nature do not amount to armed conflict.").

The treaties establishing the Law of War provide no specific formula for determining whether a given act of violence exceeds the threshold. Therefore, the Commission should examine *custom*, that is, the practice of states before 9/11, to determine whether the conflict between al Qaeda and the United States exceeded that threshold before 9/11 itself. The law of war is defined by looking to the "universal agreement and practice' both in this country and internationally." Hamdan, 548 U.S. at 603 (quoting Ex Parte Quirin, 317 U.S. 1, 30 (1942)); see also The Paquete Habana, 175 U.S. 677, 711 (1900) ("[T]he laws of nations . . . rest[] upon the common consent of civilized communities. It is [in] force, not because it was prescribed by any superior power, but because it has been generally accepted as a rule of conduct."); Kadic v. Karadzi, 70 F.3d 232, 238–39 (2d Cir. 1995) ("We find the norms of contemporary international law by 'consulting the works of jurists, writing professedly on public law; or by the general usage and practice of nations; or by judicial decisions recognizing and enforcing that law." (citing United States v. Smith, 18 U.S. (5 Wheat.) 153, 160-61 (1820))); United States v. Schultz, 4. C.M.R. 104, 114 (C.M.A. 1952) ("[T]he common law of war has its source in the principles, customs, and usages of civilized nations"). Customary international law is "created and sustained by the constant and uniform practice of States and other subjects of international law. . .in circumstances which give rise to a legitimate expectation of similar conduct in the future." International Law Association, Statement of Principles Applicable to the Formation of

General Customary International Law (2000), quoted in Barry E. Carter, Phillip R. Trimble, and Curtis A. Bradley, International Law, 120 (4th ed. 2003); see also Statute of the International Court of Justice, Art. 38. Consistent state practice is the most objective way to determine the meaning of an ambiguous treaty. See Trial of the Major War Criminals before the International Military Tribunal, Nuremberg, 14 November 1945—1 October 1946, vol. XXII, p. 557-59 (1948)) (acquitting Admiral Dönitz of breaching the international law of submarine warfare, in part by examining the practice of other states).

In *Hamdan v. Rumsfeld*, the Supreme Court examined the law of war and implicitly recognized that no one may be found guilty of war crimes based on actions taken before the beginning of hostilities. Thus, in questioning whether Hamdan's alleged five-year conspiracy was properly seen as a *war crime* (and thus within the jurisdiction of the Presidential tribunals at issue in that case), it noted that

All but two months of that more than 5-year-long period preceded the attacks of September 11, 2001, and the enactment of the AUMF—the Act of Congress on which the Government relies for exercise of its war powers and thus for its authority to convene military commissions. Neither the purported agreement with Usama bin Laden and others to commit war crimes, nor a single overt act, is alleged to have occurred in a theater of war or on any specified date after September 11, 2001. None of the overt acts that Hamdan is alleged to have committed violates the law of war. These facts alone cast doubt on the legality of the charge . . .

Hamdan v. Rumsfeld, 548 U.S. 557, 598-600 (2006).

II. State Practice Before 9/11 Demonstrates that the Law of War Did Not Apply to the Conflict Between al Qaeda and the United States, Either Before 9/11 Or On It

State practice prior to 9/11 strongly *disfavored* finding armed conflict between small (or even large) private groups, such as al Qaeda, and states. As a noted international law scholar wrote in 2004,

[U]ntil now, terrorist acts by private groups. . .have not customarily been viewed as creating armed conflicts. The United Kingdom stated when it ratified Additional Protocol I: "[i]t is not the understanding of the United Kingdom that the term 'armed conflict' of itself and in its context denotes a situation of a kind which is not constituted by the commission of ordinary crimes including acts of terrorism whether concerted or in isolation." The British and Spanish campaigns against the Irish Republican Army (IRA) and Euskadi ta Askatasuna (ETA) have not been treated as armed conflicts under IHL [International Humanitarian Law].

Marco Sassòli, *Use and Abuse of the Laws of War in the 'War on Terrorism*, 22 Law & Inequality 195, 202 (2004), *citing, inter alia*, Leslie C. Green, *The Contemporary Law of Armed Conflict* 53-54 (I.M. Sinclair et al. ed., 1993) ("[A]cts of violence committed by private individuals or groups which are regarded as acts of terrorism. . are outside the scope of 'IHL'"). France made a similar reservation to Additional Protocol I, understanding that the term "armed conflict" did not apply to criminal acts including terrorism, whether concerted or in isolation. *See* France, Reservations and Declarations, Protocol Additional to the Geneva Conventions of 12 August 1949, and Relating to the Protection of Victims of International Armed Conflicts (Protocol I), 8 June 1977, para. 4 (4 April 2001). The French statement, and the British statement quoted above are in keeping with the practice of States before 9/11.

Thus, the Mau Mau rebellion involved over 10,000 fighters (versus the "few hundred" estimated al Qaeda members on 9/11), and its assault on Lari was carried out by thousands of men in contrast to the nineteen 9/11 hijackers (out of thirty-five involved persons in all). While

³ "Law of war," "law of armed conflict," and "international humanitarian law" are synonymous. *See* Chairman, Joint Chiefs of Staff, Instruction 5810.01D, *Implementation of the DoD Law of War Program*, para. 5a & n.1 (2010).

⁴ https://ihl-databases.icrc.org/applic/ihl/ihl.nsf/Notification.xsp?action=openDocument&documentId=D804 1036B40EBC44C1256A34004897B2.

the Mau Mau organization was limited due to rivalries between its commanders, it sustained combat operations for four years, killing and wounding over 4,000 persons, and sustaining over 10,000 deaths itself. Yet the British consistently treated the Mau Mau "emergency" as civil unrest rather than armed conflict, not only in word but indeed. They treated membership in the organization as a crime, arrested more Mau Mau than they killed or captured, and held large numbers of civilian trials (in which acquittals and reversals on appeal were common).

Moreover, the British engaged in collective punishments, particularly the seizure of cattle, punishments only allowable *outside* the Law of War, as shown by a United Kingdom Law of War Manual from the same era. *See* 2 International Committee of the Red Cross, *Customary International Humanitarian Law* para. 3770 (2005), *quoting* United Kingdom, *Military Manual* § 647 (1958). Thus, although from its intensity and the organization of the Mau Mau themselves, the Mau Mau emergency resembled a war far more than al Qaeda's conflict with the United States before 9/11, the British government nevertheless handled the Mau Mau under civilian criminal statutes.

The Red Brigades and Provisional Irish Republican Army were closer in size to al Qaeda before 9/11, reckoning their numbers in the hundreds. Both were as well organized as al Qaeda, and both maintained intense campaigns against the governments they opposed far longer than the three years that separate the embassy bombings and 9/11. Both also attacked far less sporadically than did Al Qaeda, with monthly, weekly, or even daily attacks. Yet both were outlawed by civilian statutes and prosecuted before civilian courts. In deciding how to treat these groups, governments steadfastly refused to treat them as political or military combatants.

Aum Shinrikyo's conflict with Japan in some ways bears a closer resemblance to al Qaeda's with the United States before the 9/11 events. It focused on a small number of

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ambitious single attacks, injuring hundreds or thousands at a time, rather than a constant barrage of smaller attacks. Its attacks required only a few operatives, but did damage out of proportion to their numbers by matching the method of attack to the vulnerabilities of the targets. Aum Shinrikyo was two orders of magnitude larger than al Qaeda before 9/11, and it organized itself as a shadow government—indeed, its purpose was to replace the Government of Japan itself. Yet the Japanese Government never treated the Aum Shinrikyo attackers as anything but criminals, to be tried for murder and other crimes in civilian courts under civilian statutes, and hanged or imprisoned per civilian decisions.

These responses were typical worldwide—indeed, it was a common complaint among private armed groups that they were being treated as criminals rather than combatants.⁵ The United States itself followed this practice. Thus, L. Paul Bremer III, U.S. Ambassador at Large for Counterterrorism,⁶ in a 1993 book based on the proceedings of a 1989 conference, left no doubt about "an American perspective on the Western approach to counter-terrorism:"

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 $<sup>^{5}</sup>$  "Members of the Irish Republican Army...called for many years for their members who had been imprisoned to be granted prisoner of war status; however, they were viewed only as 'terrorists' and dealt with under domestic legislation. Similarly, the Indonesian government...applied domestic criminal law when dealing with GAM members." Noelle Higgins, The Regulation of Non-State Actors: Promoting the Application of the Laws of War to Conflicts Involving National Liberation Movements, Human Rights Brief, Fall 2009, at 12, 16. (Gerakan Aceh Merdeka, or GAM, was a separationist militia allegedly responsible for terrorist attacks such as a 2003 concert bombing on Sumatra.) See also Churchill Ewumbue-Monono, Respect for International Humanitarian Law by Non-State Actors in Africa, 88 International Review of the Red Cross 905, 921-22 (2006) ("The need to promote justice was also a strong argument used by the racist governments in southern Africa to justify their failure to respect members of liberation movements as having prisoner-of-war status, despite the special agreements by those movements to respect IHL . . . In Rhodesia, the Government of Ian Smith stated in January 1977 that it would not grant POW status to members of the various liberation movements . . . arguing that as Rhodesian citizens they were liable to legal prosecution and punishment by hanging for their terrorist acts").

<sup>&</sup>lt;sup>6</sup> Paul Bremer served as U.S. Ambassador at Large for Counterterrorism from 1986-89. Att. J, p. 355.

Another important measure of our overall strategy is applying the rule of law to terrorists. Terrorists are criminals. They commit criminal actions like murder, kidnapping, and arson, and countries have laws to punish criminals. So we have sought to delegitimize terrorists, to get society to see them for what they are—criminals—and to use one democracy's most potent tools, the rule of law, against them.

(att. J, p. 255, 258, 355). This approach characterized the American response to attacks by al Qaeda, both at least until 9/11, and to some extent even after it.

Thus, the United States responded to the bombing of its African embassies by obtaining indictments and conducting prosecutions under civilian law in federal court—prosecutions that ended in death sentences a few months before 9/11. The bombing of the U.S.S. *Cole* was less deadly than the embassy attacks, and did not cause an appreciable change in the U.S. posture towards Osama bin Laden or al Qaeda. On the day of the 9/11 attacks, the President spoke about bringing the perpetrators "to justice" by mobilizing "law enforcement" as well as intelligence assets—for those were the normal terms governments used about attackers they called terrorists. Then-Assistant Secretary of Defense Douglas Feith wrote afterwards in his memoir, *War and Decision*,

Early interagency discussions among lawyers clarified that the 1949 Geneva Conventions on the laws of war applied to conflicts between 'High Contracting Parties' to the Conventions – and al Qaeda was not such a party. I heard no one argue that the Conventions, as a matter of law, applied to America's new conflict with al Qaeda. . ."

Douglas J. Feith, War and Decision 160 (2008) (att. U).

Indeed, the Government indicted its first 9/11 "conspirator," Zacarias Moussaoui, in a federal civilian court three months *after* 9/11. Thus, the Government's new doctrine—the one that converts the 9/11 attacks into an armed conflict subject to the laws of war—was not in place on 9/11 itself, but had to be invented afterwards.

In limiting the Commission's jurisdiction to "hostilities" to which the Law of War applies, Congress cannot have meant to assert new theories to fit a "State practice" that no government, including the United States, had practiced (or even preached) before the attacks. In fact, Congress explicitly recognized the importance of not trying the detainees based on any novel theory of criminality: the MCA asserts that detainees may be tried for the crimes defined in that Act because these were traditionally triable "under the law of war." Furthermore. federal statutes "ought never to be construed to violate the law of nations, if any other possible construction remains." The Charming Betsy, 6 U.S. 64, 118 (1804), cited in United States v. Yunis, 924 F.2d 1086, 1091 (D.C. Cir. 1991) Since, as noted above, international law prohibits retroactive changes to the Law of War, Congress should not be read to have intended to violate that prohibition here. Accordingly, to "retrofit" the MCA with any post-9/11 Law of War theory runs afoul of congressional intent and customary international law itself.8

<sup>&</sup>lt;sup>7</sup> See 10 U.S.C. § 950p(d) ("Because the provisions of this subchapter codify offenses that have traditionally been triable under the law of war...this subchapter does not preclude trial for offenses that occurred before the date of the enactment of this subchapter...") The MCA also claims that it codifies offenses that have traditionally been triable by military commission, but this amounts to the same thing, because "law of war violations" constitute the only legally cognizable basis for trying Guantanamo detainees by military commission. See Hamdan v. Rumsfeld, 548 U.S. 557, 597 (2006). And such violations are only triable by commission if committed during the war, i.e., during the period when the law of war applies. See id. at 598. Thus, later events – such as the U.S. war in Afghanistan – cannot "reach back" to 9/11 to make the law of war apply.

<sup>&</sup>lt;sup>8</sup> Mr. al Hawsawi is also protected against ex post facto laws by the U.S. Constitution and Common Article 3 of the Geneva Conventions of 1949. The Constitutional prohibition is categorical and is not limited to actions against U.S. residents or citizens; it applies to this Commission. See American Law Institute, Restatement (Third) of the Foreign Relations Law of the United States § 722 (1987) ("An alien in the United States is entitled to the guarantees of the United States Constitution other than those expressly reserved for citizens"); Boumediene v. Bush, 553 U.S. 723, 743 (2008) (foreign nationals litigating in U.S. courts enjoy Constitutional protections if they protect persons as well as citizens; this includes substantive protections such as due process and structural guarantees such as separation of powers). See Hamdan v. Rumsfeld, 548 U.S. 557, 632-33, 645 (2006) (Common Article 3 forbids "the passing of

Thus, in defining "hostilities" as actions "subject to the laws of war," Congress expressed its intent to apply the laws of war as they actually are. This stance continued with the 2009 Military Commissions Act, the purpose of which was to try to bring the military commissions in line with constitutional and international law. By recognizing that the 9/11 attacks were not "hostilities," and dismissing on that basis, the Commission will be complying with the intent of Congress as well as Constitutional and international law.

# III. Conclusion

The Commission should dismiss the case for lack of jurisdiction due to the absence of hostilities.

- 7. Request for Oral Argument: The Defense requests oral argument. RMC 905(h).
- 8. Witnesses: None.

sentences and the carrying out of executions without previous judgment pronounced by a regularly constituted court, affording all the judicial guarantees which are recognized as indispensable by civilized peoples"; "regularly constituted courts" must give the same protections given to a country's servicemembers at court martial); see, e.g., United States v. Gorski, 47 M.J. 370, 373 (C.M.A. 1997), United States v. Lilly, 34 M.J. 670, 676 (A.C.M.R. 1992) (applying U.S. Constitution's prohibition on ex post facto laws to court-martial proceedings).

<sup>9</sup> "In its 2006 decision in the *Hamdan* case, the Supreme Court held that Common Article 3 of the Geneva Conventions applies to the Guantanamo detainees...The Military Commissions Act of 2009 is intended to meet the standard imposed by the Supreme Court's ruling in Hamdan and should help ensure that convictions obtained through military commissions will hold up on appeal and will be perceived as fair by the American public and by the rest of the world." Senator Carl Levin, Chairman, Senate Armed Services Committee, 155 Cong. Rec. S10663-02, S10664 (Oct. 22, 2009) (remarks on introduction of the Military Commissions Act of 2009); see also Conference Report on H.R. 2647, National Defense Authorization Act for Fiscal Year 2010. 155 Cong. Rec. H10561-01, H10858 (Oct. 7, 2009) (in discussing the MCA and considering whether a constitutional provision applied to the Guantanamo detainees, the conferees "encourage[d] the Secretary of Defense to give appropriate consideration to this decision in light of Common Article 3 of the Geneva Conventions, which requires that military commissions afford 'all of the judicial guarantees which are recognized as indispensable by civilized peoples.""). Defining "hostilities" in conformance with customary international law - as the 2006 MCA failed to do - is part and parcel of the 2009 MCA's effort to comply with Common Article 3.

9. <u>Conference with Opposing Counsel</u>: The Prosecution opposes the motion as to the morning session of the 25<sup>th</sup> of January 2017.

# 10. Attachments:

- A. Certificate of Service;
- B. Extract from Sean Anderson & Stephen Sloan, Historical Dictionary of Terrorism (3d ed. 2009).
- C. Extract from David Anderson, *Histories of the Hanged: The Dirty War in Kenya and the End of Empire* (2005).
- D. Extract from Fred Majdalany, State of Emergency (1963).
- E. Extract from Thomas R. Mockaitis, *British Counterinsurgency in the Post-Imperial Era* (1995)
- F. Extract from Martha Crenshaw, *The Persistence of I.R.A. Terrorism*, in *Terrorism in Ireland* (Yonah Alexander and Alan O'Day, eds., 1984)
- G. Extract from Benedetta Berti, Armed Political Organizations: From Conflict to Integration (2013)
- H. Extract from Brian A. Jackson, Provisional Irish Republican Army, in Aptitude for Destruction: Vol. 2, Case Studies of Organizational Learning in Five Terrorist Groups (2005)
- I. Extract from Malcolm Sutton, Bear in Mind These Dead: An Index of Deaths from the Conflict in Ireland 1969-1983 (1994)
- J. Extracts from David Bonner, The United Kingdom's Response to Terrorism, and L. Paul Bremer, III, The West's Counter-Terrorist Strategy, in Western Responses to Terrorism (Alex P. Schmid and Ronald D. Crelinstein, eds. 1993)
- K. Extract from Phil Scraton, foreword to Feargal Mac Ionnrachtaigh, Language, Resistance, and Revival: Republican Prisoners and the Irish Language in the North of Ireland (2013)
- L. Extract from Peter R. Neumann, *Britain's Long War: British Strategy in the Northern Ireland Conflict*, 1969-98 (2003)

- M. Paul J. Smith, The Italian Red Brigades (1969-1984): Political Revolution and Threats to the State, in Armed Groups: Studies in National Security, Counterterrorism, and Counterinsurgency (Jeffrey H. Norwitz, ed., 2008).
- N. Extracts from Robert C. Meade, Jr., Red Brigades: The Story of Italian Terrorism (1990)
- O. Charles Ridley, Mass Trial of Italian Red Brigades Ends in Acquittal, UPI (Oct. 13, 1989), <a href="http://www.upi.com/Archives/1989/10/13/Mass-trial-of-Italian-Red-Brigades-ends-in-acquittal/1471624254400/">http://www.upi.com/Archives/1989/10/13/Mass-trial-of-Italian-Red-Brigades-ends-in-acquittal/1471624254400/</a>
- P. Extracts from Anthony T. Tu, Chemical Terrorism: Horrors in Tokyo Subway and Matsumoto City (2002)
- Q. Jun Hongo, Last Trial Brings Dark Aum Era to End, Japan Times, Nov. 22, 2011, http://www.japantimes.co.jp/news/2011/11/22/reference/last-trial-brings-dark-aum-era-to-end/
- R. Tomohiro Osaki, Ex-Aum Shinrikyo Member Katsuya Takahashi Gets Life in Prison Over 1995 Sarin Attack, Japan Times, Apr. 30, 2015. <a href="http://www.japantimes.co.jp/news/2015/04/30/national/crime-legal/aum-driver-takahashi-gets-life-term-role-95-sarin-attack-tokyo-subway/">http://www.japantimes.co.jp/news/2015/04/30/national/crime-legal/aum-driver-takahashi-gets-life-term-role-95-sarin-attack-tokyo-subway/</a>

S.

T. Remarks of President Bill Clinton at the Memorial Service for the U.S.S. Cole in Norfolk, Virginia (18 October 2000)

U. Extract from Douglas J. Feith, War and Decision: Inside the Pentagon at the Dawn of the War on Terrorism (2008)

//s//

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Mr. al Hawsawi



**CERTIFICATE OF SERVICE** 

I certify that on 3 February 2017, I caused to be electronically filed AE 488(MAH),

Defense Motion to Dismiss for Lack of Subject Matter Jurisdiction Due to Absence of

Hostilities, with the Clerk of the Court and caused the same to be served on all counsel of record

by e-mail.

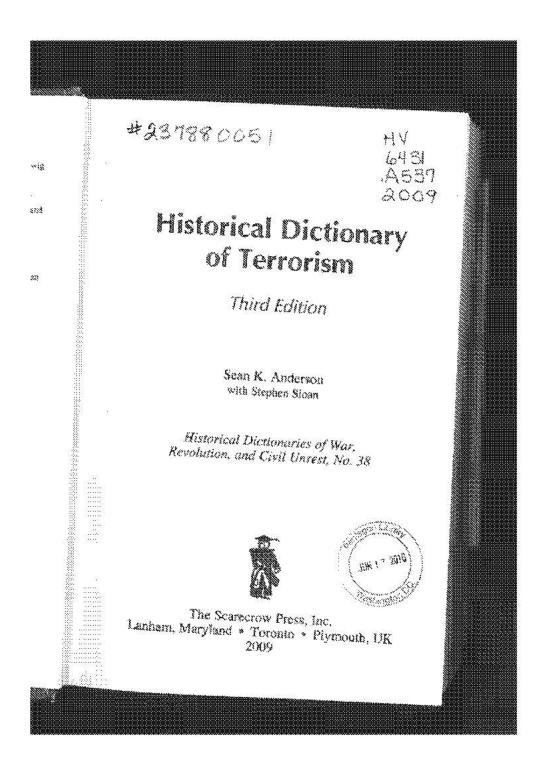
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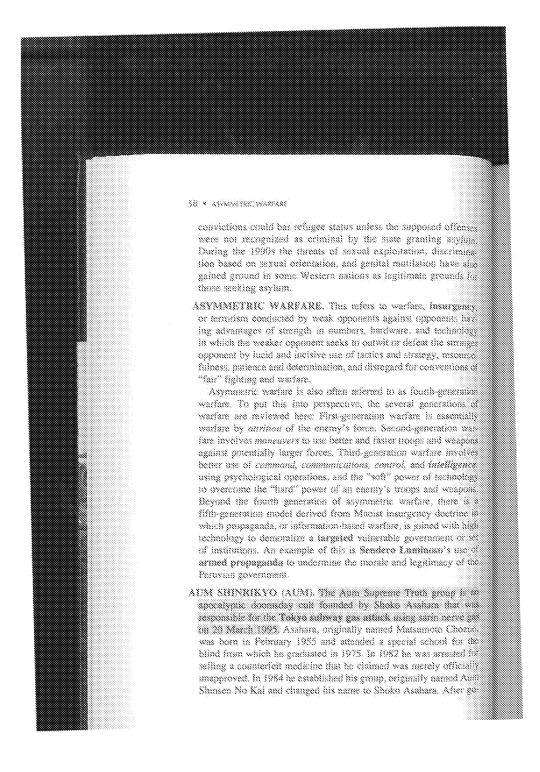
WALTER B. RUIZ

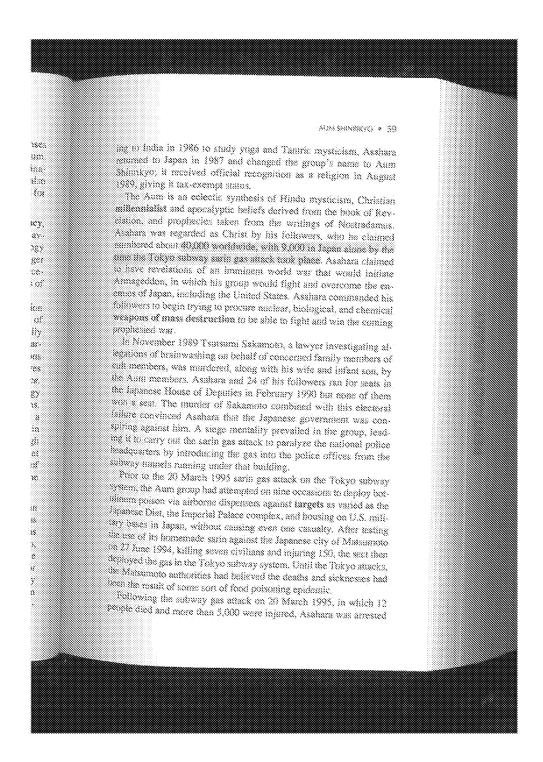
Learned Counsel for Mr. Hawsawi

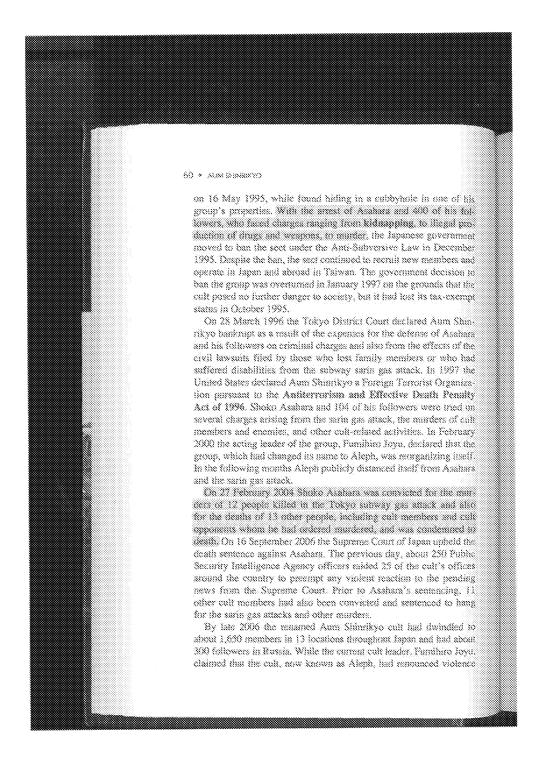
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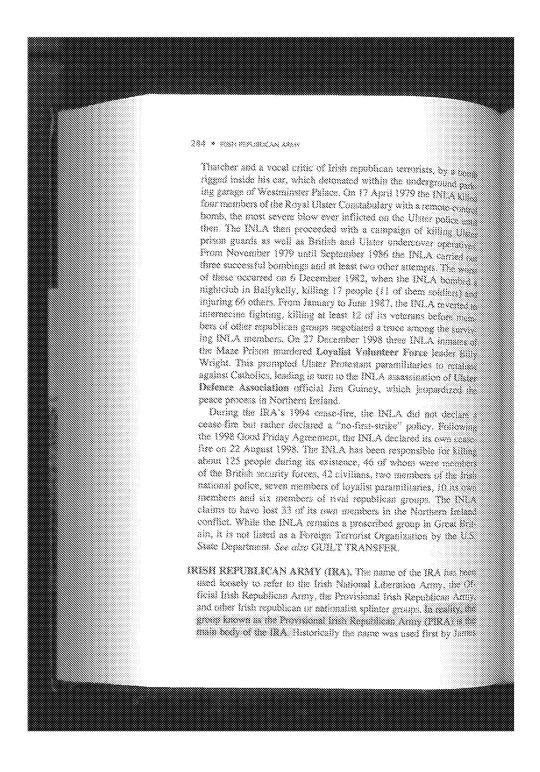
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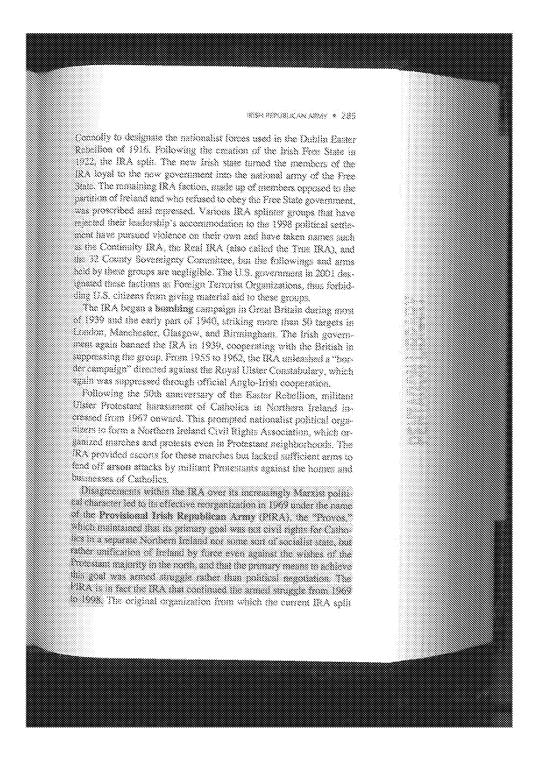


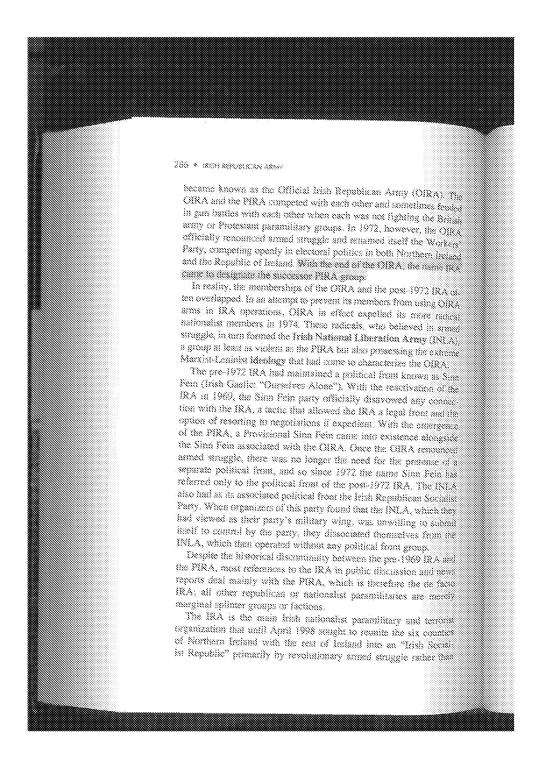




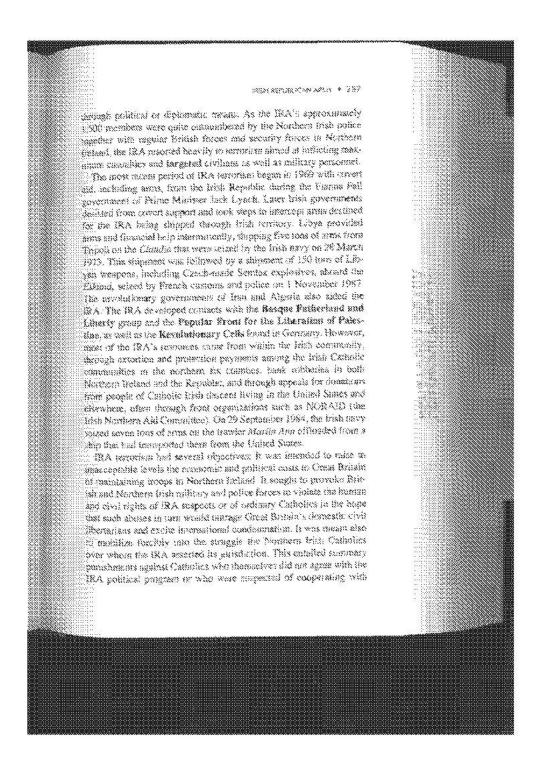


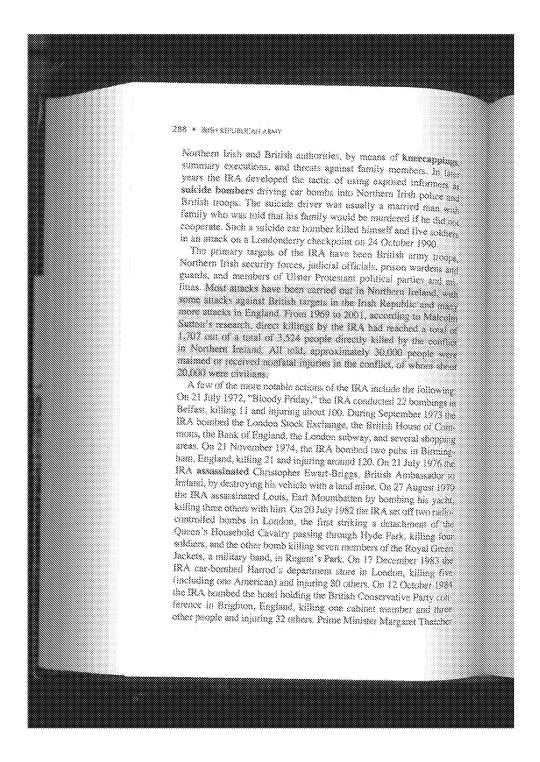
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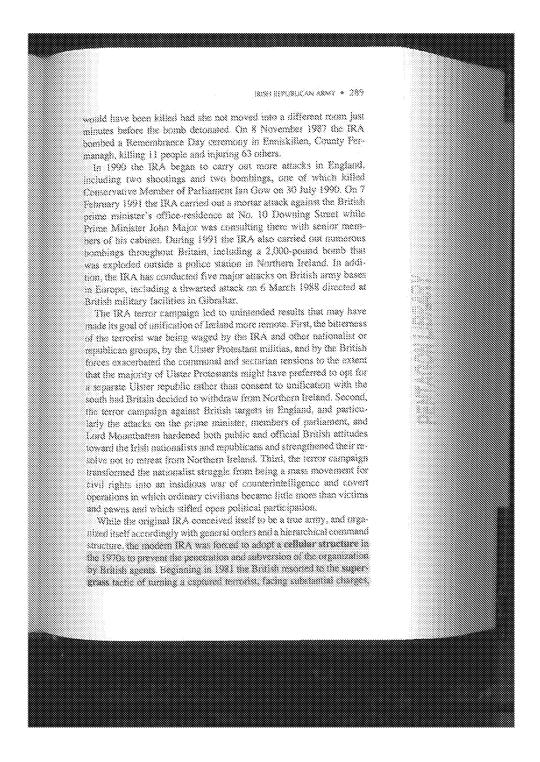


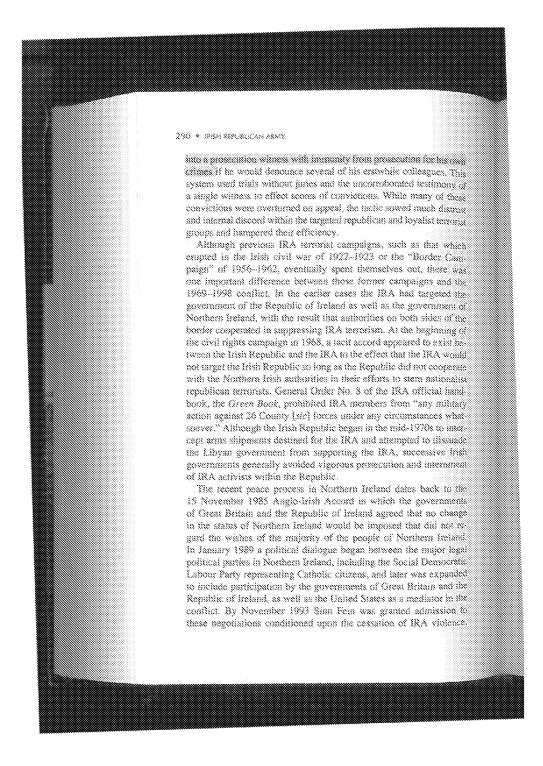
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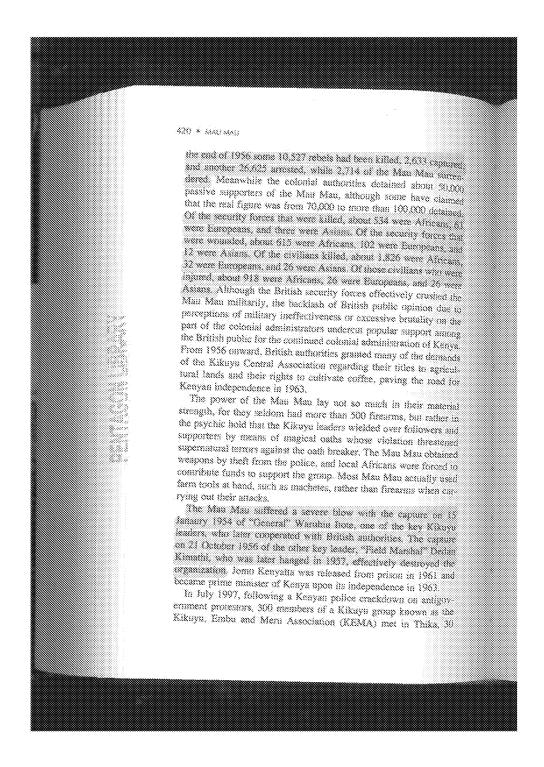


and norms of liberal democracy at the same time that they would begin to have their own political demands. However, empirical studies by Lym Lees and Charles Tilley and others indicate that those people who are securely members of primary and secondary social groups are more likely to become actively recruited into organized political activism than those who are socially isolated, a view known as the social network recruitment theory. The empirical studies of Sydney Verhs and Norman Nie also indicate that political participation tends to be correlated more with higher than with lower sectoreconnic status, so one would expect that political extremism would be less likely to be found in the social underclasses of "mass socialy."

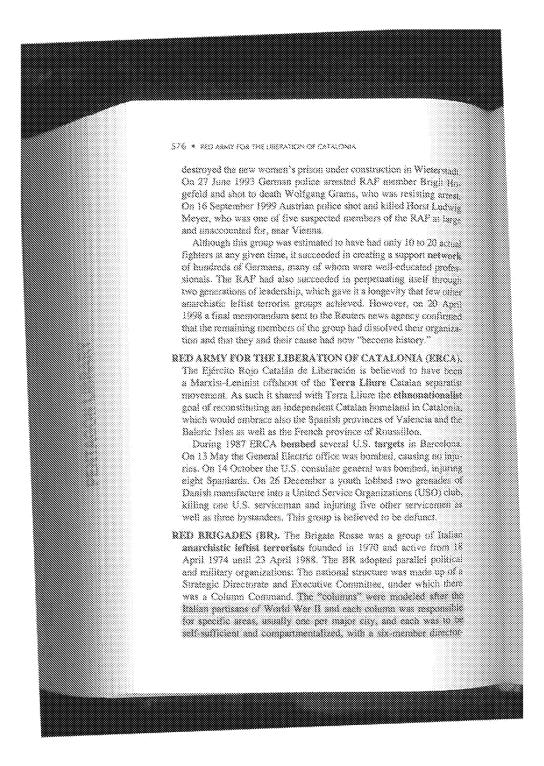
Another implication of mass society theory that appears to be enquirically false is the notion, best articulated by Samuel P. Huntington, that ineritations and organizations having modern attributes of adaptability, complexity, autonomy, and coherence would effectively channel the growing demands of increasingly politically modificated masses into constructive engagement with civil society rather than violent confinentation. Yet if one considers such organizations as the Irish Republican Army (IRA) or the Palestine Liberation Organization (PLO), they have many of these attributes of modern political organizations but have nonetheless carried out campaigns of political violence and servoism targeting the civil societies in which their followers live. In these cases it is not an inchinate mass society but rather highly closed, hierarchically organized, and ideologically motivated organizations that have been responsible for civil unrest and violence.

MAU MAU. The Mau Mau were gangs originally deployed by the Kikuyu Central Association of tribesmen in Kenya to drive British settlers off Kikuyu tande but which became part of the overall anti-colonial Kenyan independence movement. The Mau Mau were settles from September 1932 to October 1936, attacking and killing British settlers as well as burning their crops, stangiltering their caule, and deatroying the buts of African temants on British farms. Remnants of the Mau Mau continued sporadic attacks as late as 1962.

Following the first attacks, the British administration declared a state of emergency on 22 October 1952 and imprisoned Josso Konyana (1889–1978) in 1953 as the suspected leader of the Mau Mass. By the engl of 1953, more than 3,000 rebets had been killed, and by



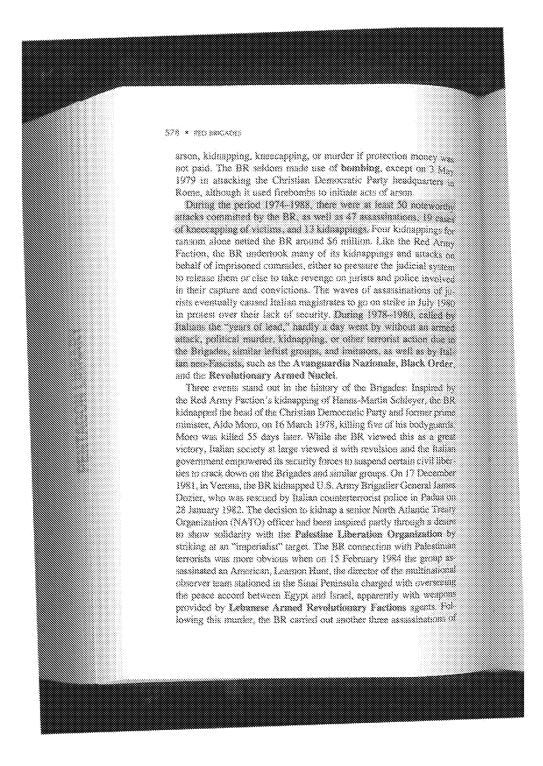
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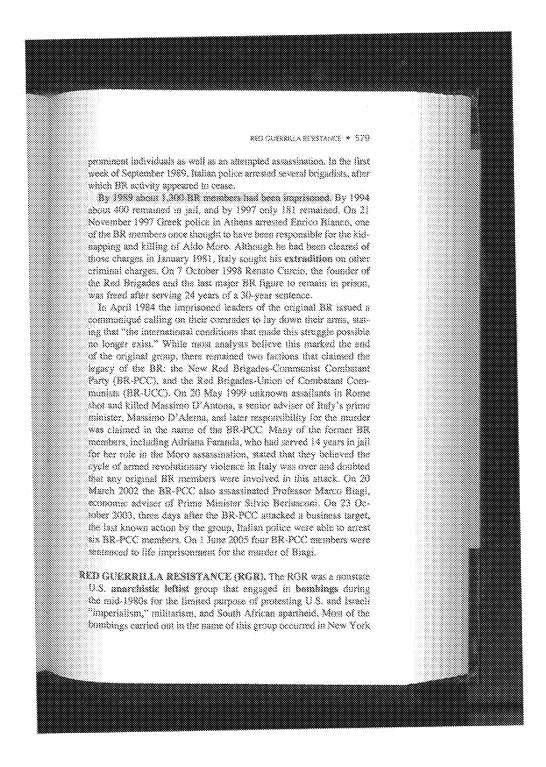


as and four-member "brigades" to conduct political organizing among workers, students, and low income neighborhoods. To handle specialized problems, each column had "fronts" such as a logistical front to find safe houses, procure fake identification cards, and carry our basis holdups; a counter-revolution front in app on the police and a prison front to maintain contacts with imprisoned courseless and help them ascape. The organization had permanent militants, which included all who were wanted by the police and had gone underground as well as those militants who were not yet known to the police and who often continued to hold ordinary jobs. The recasional militants were those who lived a normal life but served as a support network for the permanent militants.

The BR operated by compagns that consisted of concentrated and coordinated actions to achieve goals set by the Strategic Directorate columns and fronts would decide on appropriate targets and tactics and, after conducting surveillance and careful planning, would carry out those attacks. Highly complex "central actions," such as the kidnapping of former prime minister Aldo Mons, involved recruiting a group of 10 highly experienced militants who ordinarily came from the more specialized fronts but some of whom came from the simple brigades. While the central action was taking place, other columns would distract the police with scores of other factical actions, including arsons, kneecappings, and even assassinations. While the BR did not appear to have state sponsorship, it had contacts in the mid-1970s with Uruguayan Tupamurus, later collaborated with Direct Action and the Red Army Faction, and also cultivated links with Palestinian terrorist groups, in particular the Lebanese Armed Revo-Intionary Factions. After the collapse of the BR in Italy, it appeared that some fugitive BR members joined forces with the October Pirst Antifascist Resistance Group.

The BR viewed itself as the vanguant for a proletarian party that would appearance; it appearance the group had paved the way by destroying the "SIM," the Italian accompt for "imperialist state of multinationals," and by raising the revolutionary consciousness of the working classes through sets of armed propagands. Founded in 1970, the BB struck at the Italian state through assassination and kneecappings of judges, prosecutors, and jurner and also through attacks on the Christian Democratic Party. About 75 percent of the BR's attacks, however, were directed at businesses, with threats of







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book Dying to Win: The Strategic Logic of Suicide Terrorism (1886) York: Random House, 2006). Brace Hoffman also contined the say cesses and voluciabilities of the tactic of suicide terrorism in his origin "The Logic of Suicide Terrorism" in the Atlantic Monthly (Inne 2003) 40-47), in which he noted the spectacular rise of suicide attacks in Israel following the outbreak of the September 2000 second intificial in which more than half of the 750 Israeli deaths since 2000 have been caused by soleide bombings. Hoffman noted that effective counterer, rorism intelligence by the Israeli Shin Bot (General Security Service) was able to reduce the incidence of suicide attacks by identificating of the terrorist infrastructure, including intiliari handlers as well as oppunteers, so allowing effective preemption of suicide operations before suicide bombers can cross over into Israeli territory. In any case, amos 2004 there has been a marked decline in Palestinian suicide operations against kraeli targets. Another research finding has been that Israeli targeting and killing of the leaders of Hamas and Islamic Jihad of Palestine either in retaliation for suicide operations or else preemption of them was much less effective in reducing the recruitment of suicide volunteers than the mere arrest and indefinite preventive detention of leaders of Palestinian groups responsible for suicide operations. See also RATIONAL CHOICE THEORY.

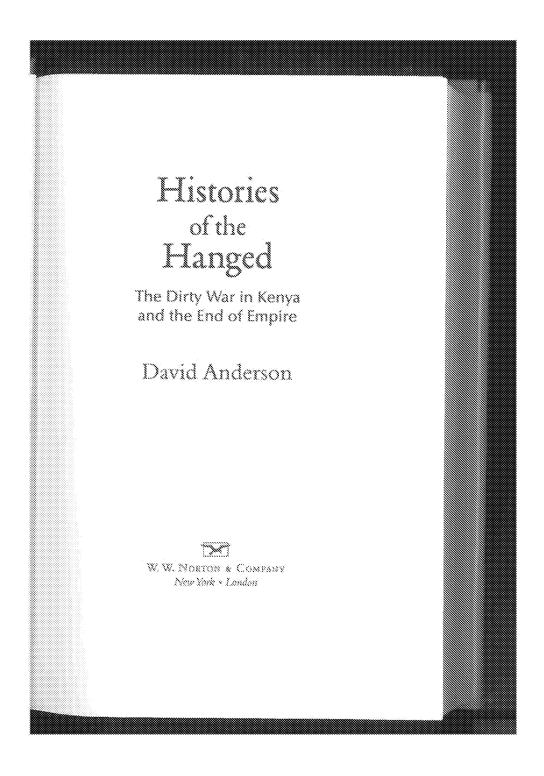
SUPERGRASS SYSTEM. The term "supergrass" evolved from London slang dating to the 1930s to refer to informers who were viewed as being "snakes in the grass." In the 1970s English journalists then coined the term "supergrass" to refer to high-profile mobilers who had turned into informants against London's organized crime symdicates in order to receive reduced sentences. Beginning in 1980. British authorities in Northern belond resorted to the general tactic of turning a captured suspensed terrorist, facing substantial charges, into a prosecution withers with immunity from prosecution for his own crimes if he would decounce, and testify in court against, several of his enstabling colleagues. The areast of Irish Republican Army (IRA) member Christopher Black in 1981 resulted in his turning into a supergrass informant, leading to the arrests of 38 IRA suspects and the conviction of 72 of them in August 1983. By the end of 1982 another 25 supergrass informants led to the arrests of more than 600 suspected members of the IRA, the Irish National Liberation Army, and the Ulster Volunteer Force. Although both the Itiali

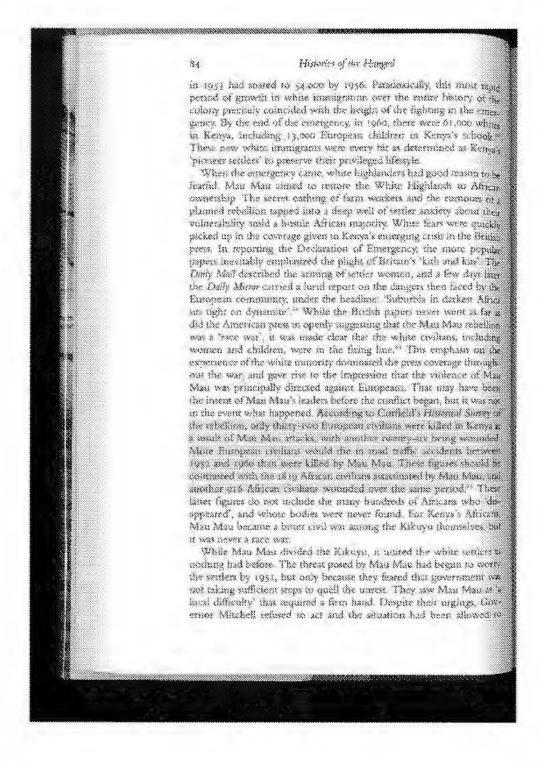
Republican terrorist groups and the Ulster Protestant militias had harsh codes of silence and enacted severe punishments, including executions, against people regarded as willing informers, these terrorist organizations had also begun to attract scores of quasi-criminal recruits motivated more by the gains of extortion from belonging to these groups than by ideology. When arrested, such mercenary recruits could be turned into informers much more easily than was the case with the more ideologically committed terrorists captured in the early years of the renewed frish troubles.

This system has used trials without juries, known as the Diplack courts, and the uncombinated testimony of one witness to effect scores of convictions. While many of these convictions have been overnamed on appeal, the tactic has sowed much distrust, minual recriminations, and internal discord within the affected Republican and Loyalist terrorist groups and so hampered their efficiency. By 1985 authorities in Northern freland discominmed the supergrass system when it became evident that most convictions obstituted in the basis of supergrass informant testimony were being overturned.

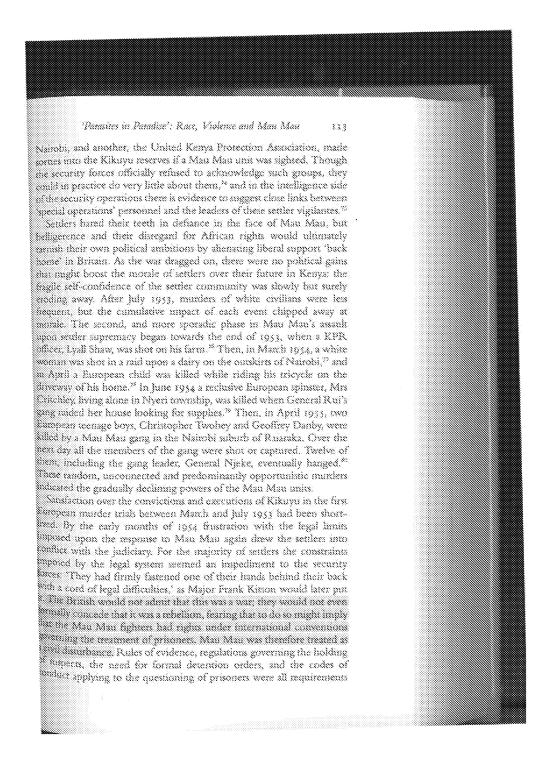
SYMBIONESE LIBERATION ARMY (SLA). The SLA was a revolutionary anarchistic leftist group in California that wan notoristy with its kidnapping on 4 February 1974 of Patricis Hearst, daughter of newspaper publisher William B. Hearst Jr. The SLA brainwashed Ms. Hearst, who then, assuming the revolutionary sobrigues of "Tanya," became as active participant is their bank robberies and bombings. A nationwide dragnet for Ms. Hearst and robberies and bombings. A nationwide dragnet for Ms. Hearst and the SLA led police to an SLA safe basee in Los Angeles, where six SLA members, including their leader Nancy Ling Porty, perished on 17 May 1974 when police lear-gas cenisters caused the safe house to burn to the ground. Patricia Hearst was later arrested in September 1975 and tried and convicted for her role in one of the group's bank robberies.

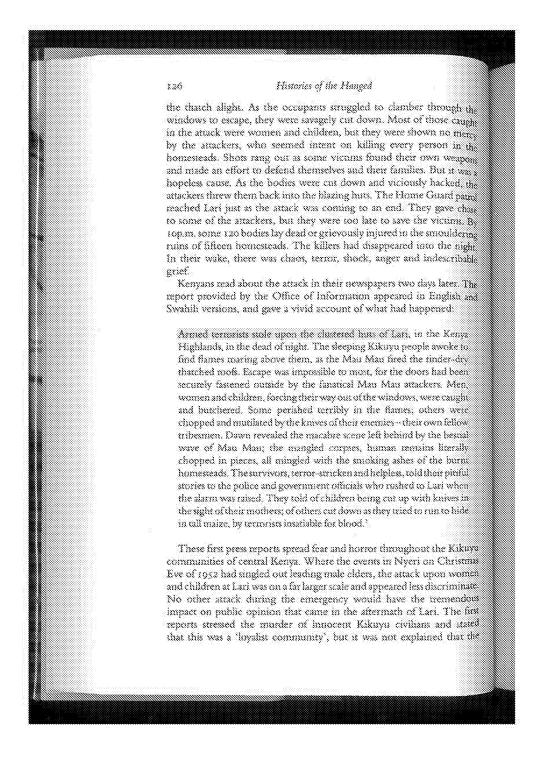
Prior to Hearst's kidnapping, the SLA had assassinated Dr. Marcus Poster, the superintendent of education of Oakland, California, on 6 November 1973 by shouling both him and his assistant, Robert Blackburn, with cyanide-tipped bullets. Blackburn was seriously injured but not killed; the two SLA members responsible for this stack were arrested on 10 lanuary 1974 and later convicted and sentenced to life imprisonment. The subsequent kidnapping of Patty Hearst was originally conceived as a means of pressuring authorities



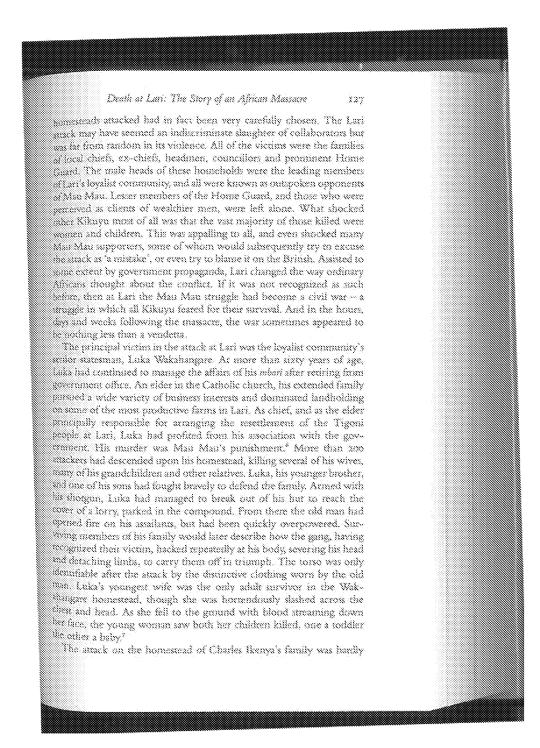


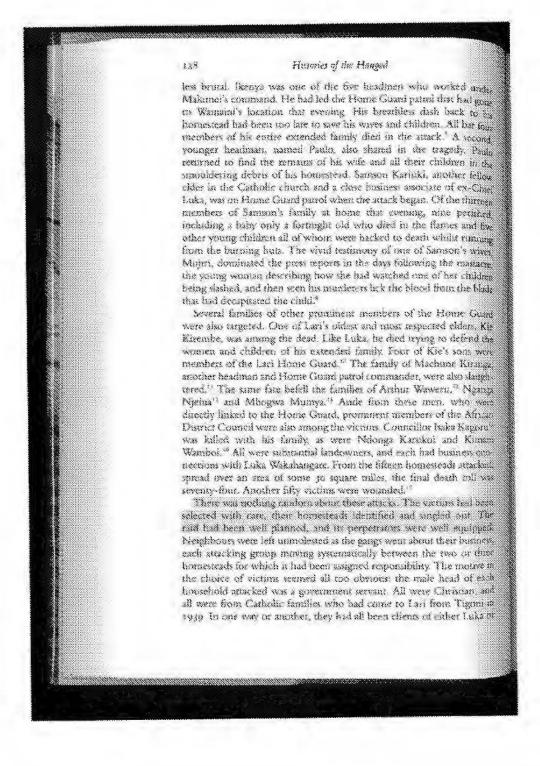
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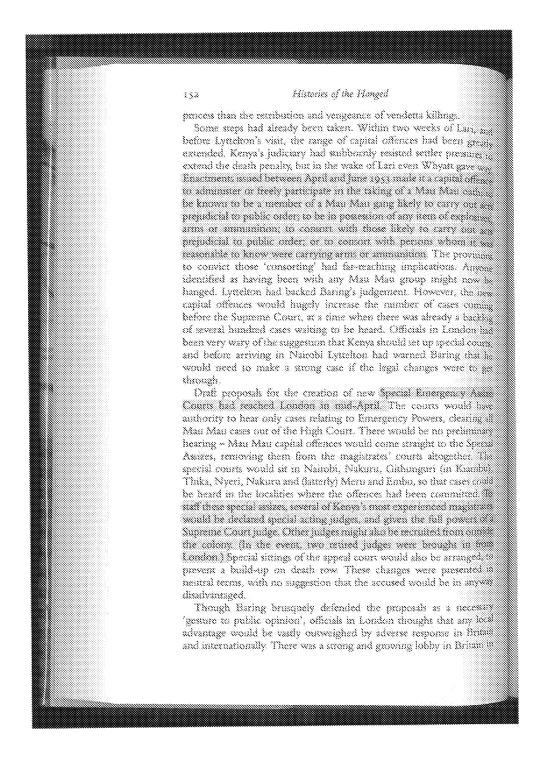




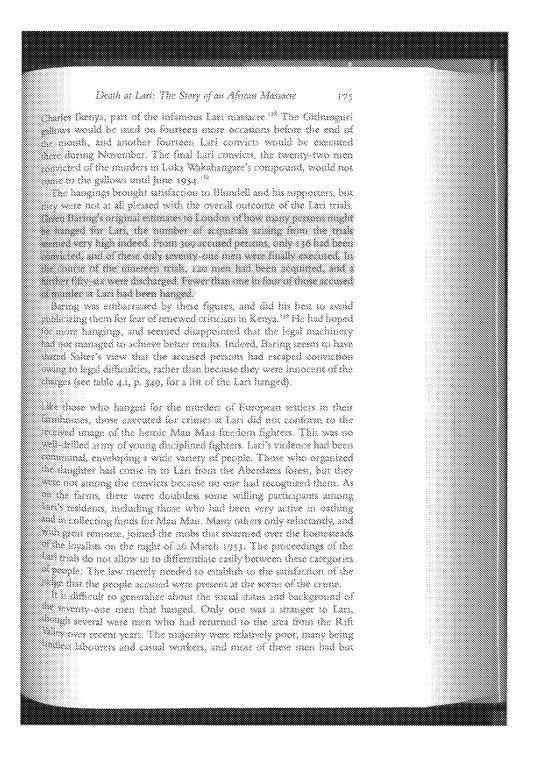
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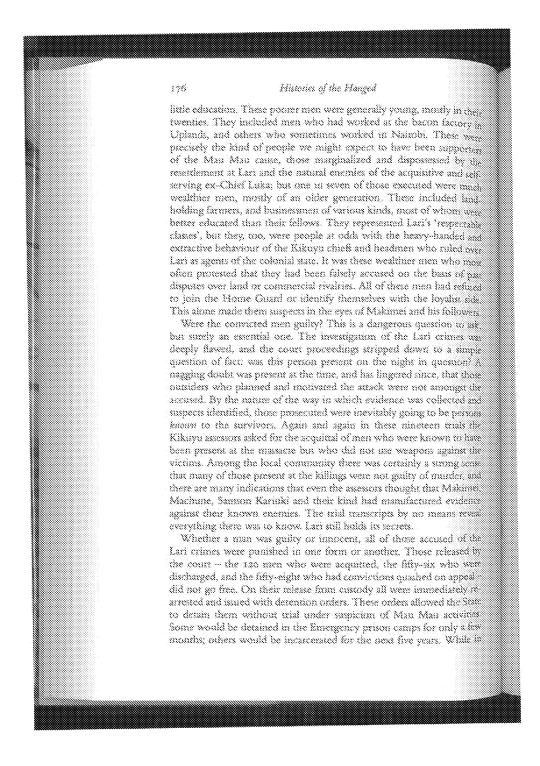




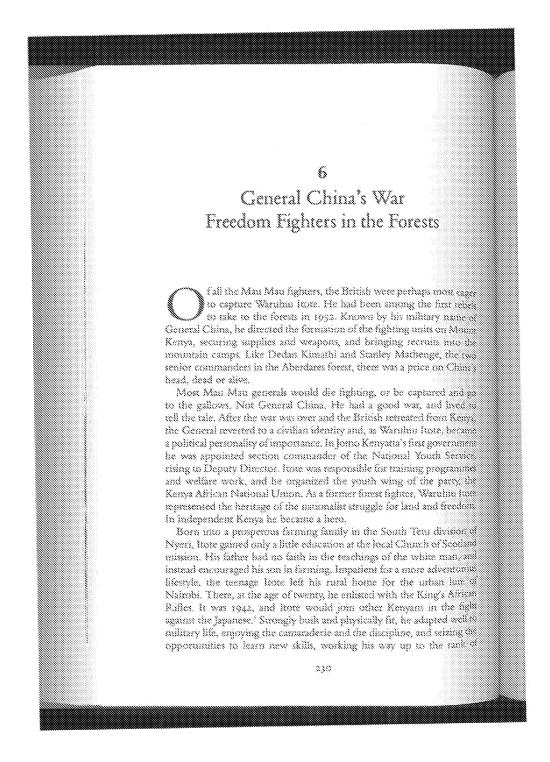


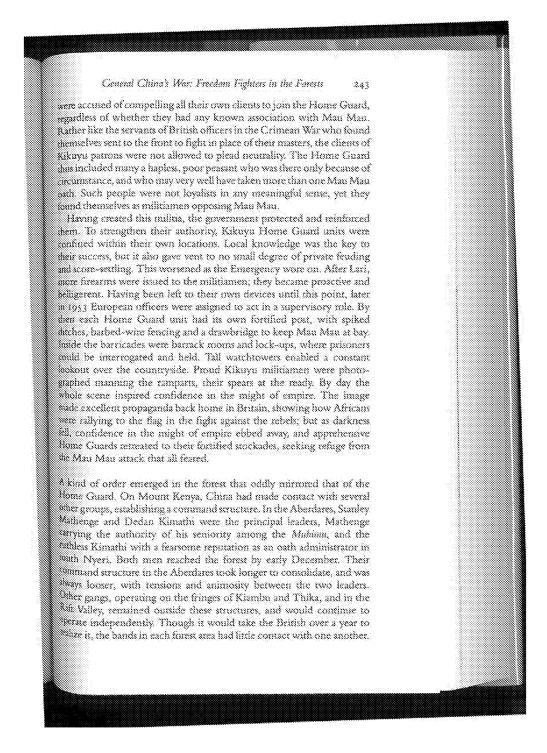
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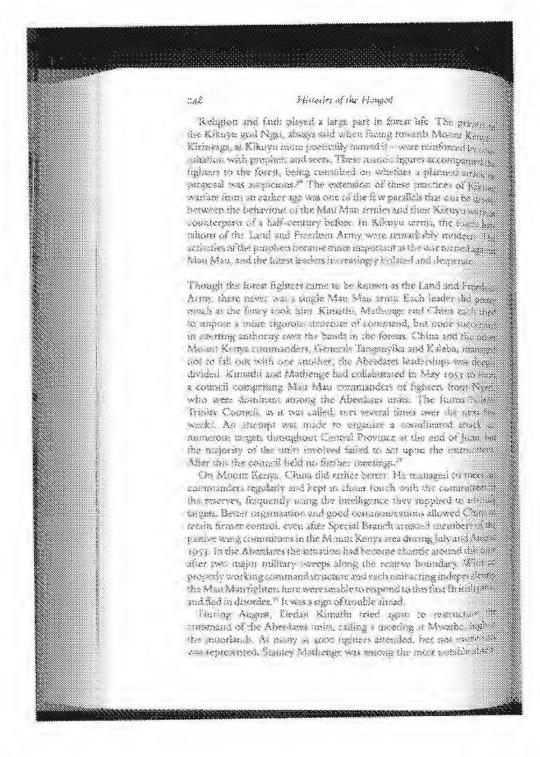


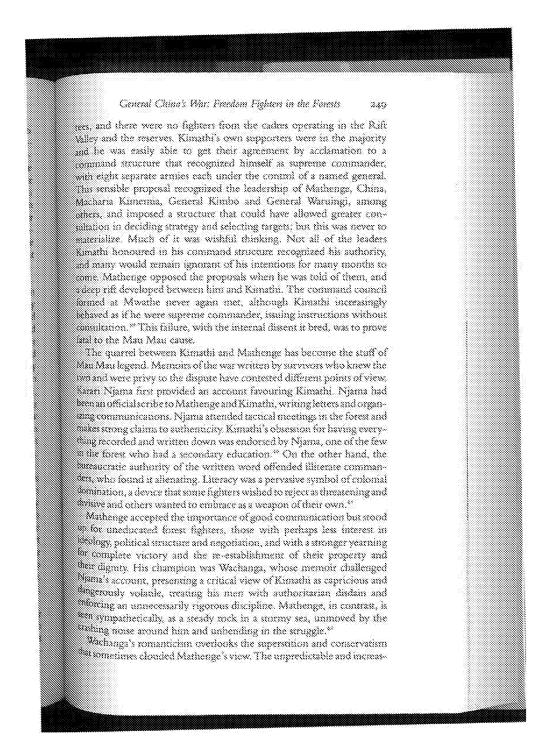


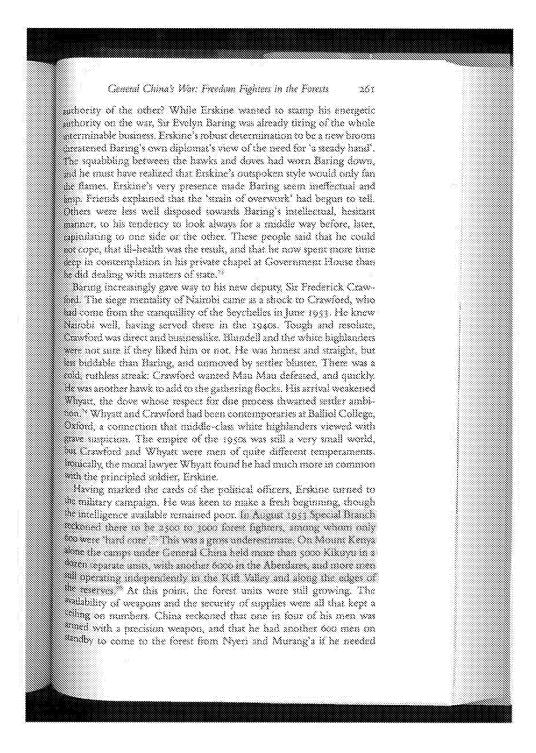
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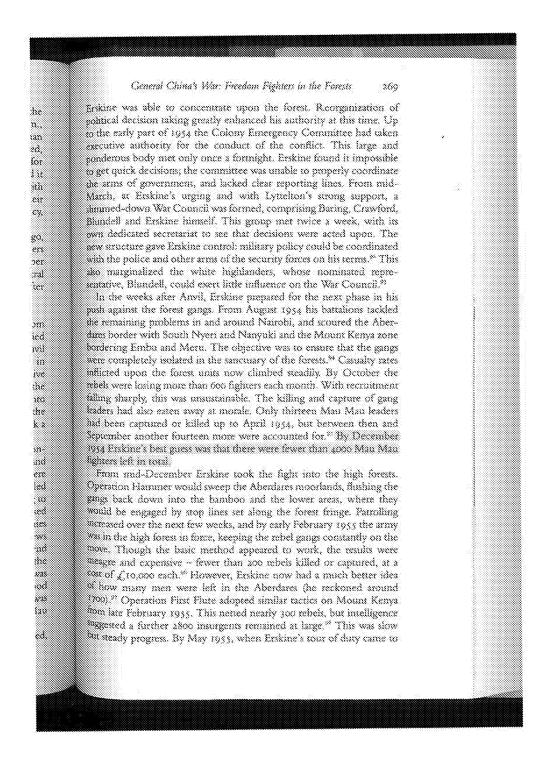


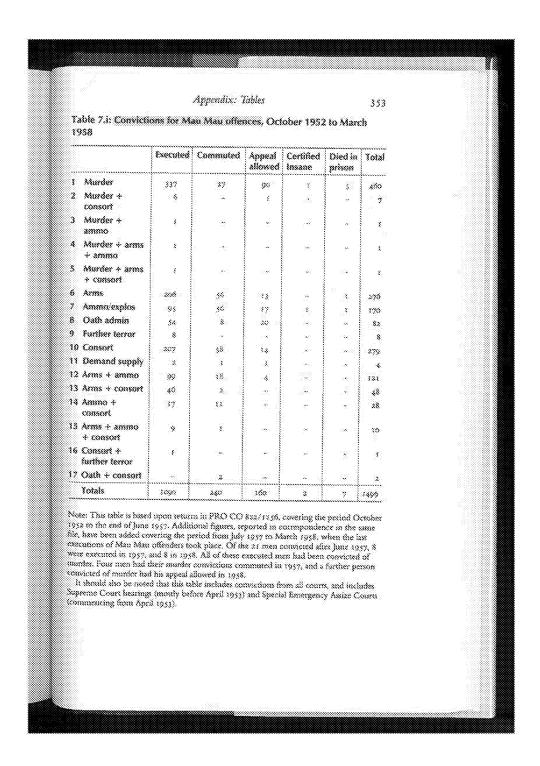


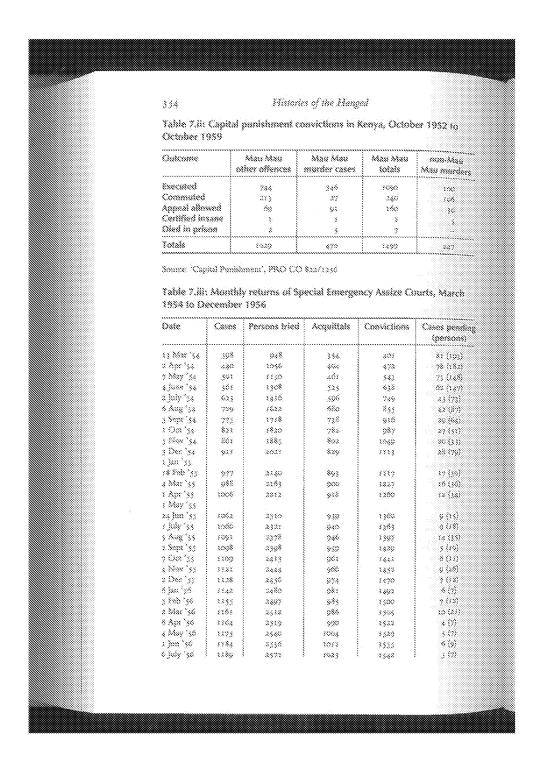




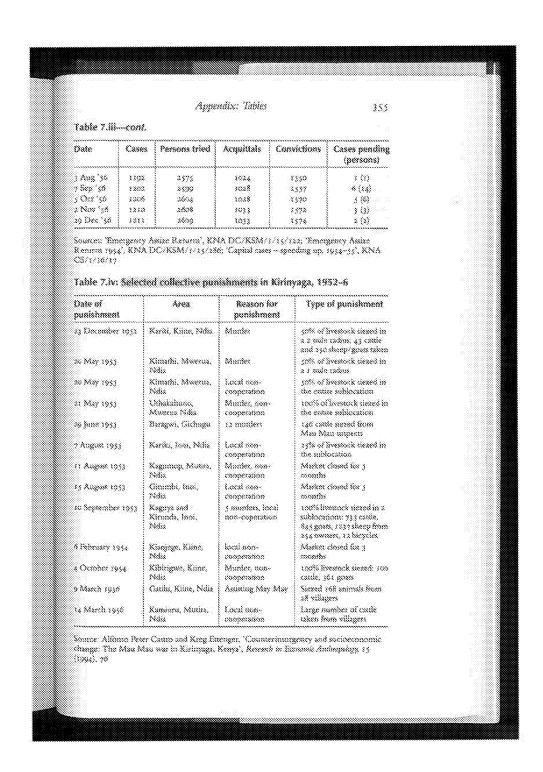


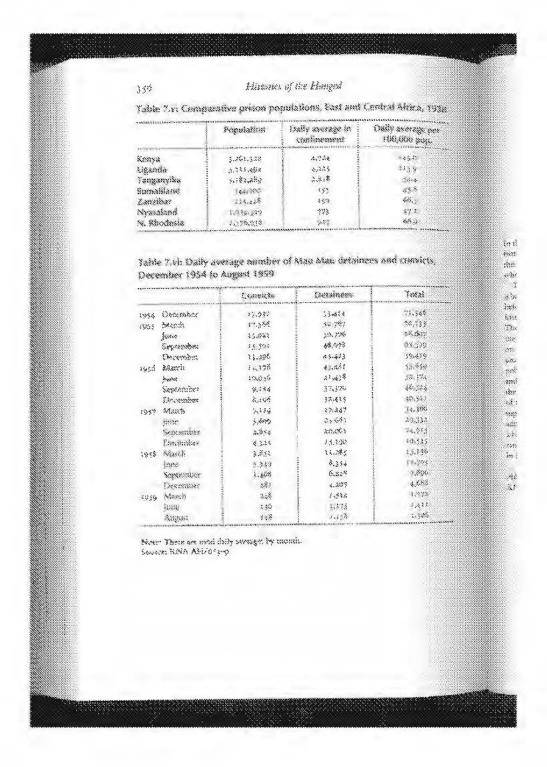


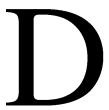


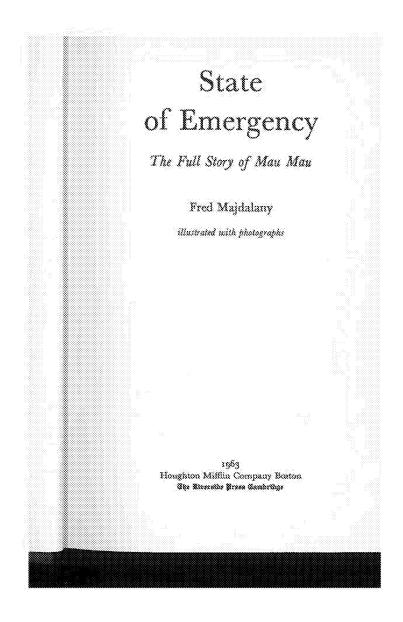


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#### Chapter 13

#### MASSACRE AT LARI

THE police post at Uplands, a village twenty-five miles northwest of Nairohi renowned for the product of its bacon factory, looks out on a wide unchilating landscape of farm and grazing lands: like parts of Salisbury Plain: a panorama of slight depressions and shallow ridges, green and mostly hare, but patterned by scatterings of trees and a few patches of forest. A shallow ridge some seven miles long dominates the skyline, the line of vision and the rustic calm of the view, but a higher viewpoint discloses that other ridges are ranged behind to a depth of three miles. Along this plain of shallow undulations seven miles long and three deep were extended in 1953 many Kikuyu homes: sited traditionally, not in villages, but in small family homesteads of three to five hurs, each group in a lenced enclosure and at a distance from the next. This is the administrative location named Lasi, high up not far from the edge of the Kikuyu Escarpment.

To the officers in charge of the Uplands police post who stared at the Lari plain for much of every day, and the officials of the Administration who passed this way on their daily rounds, Lari was a focal point of tension for they knew it was going to be attacked. They had known since 18 March when they received a reliable tip. For Lari's population turbuded a large number of Kikuyu loyalists as well as an active Kikuyu Home Guard, and at this time the Mau Main were noticeably beginning to step up their efforts against both these classes of opposition. A series of attacks on the Guard and the loyalists was to be developed in strength and the Emergency Committee in charge of local operations had good information that an example was to be made of Lari. They had therefore been allotted a company of King's African

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#### STATE OF EMERGENCY

Rifles, a defence plan had been worked out in detail, and battle positions had been thoroughly reconnoitred in various parts of the threatened area so that the company could be deployed immediately an attack was imminent. At Uplands and Tigoni the District Officer and his colleagues on the Emergency Committee were confident that they could deal with anything that Mau Mau might produce. But they had reckoned without that bane of subordinate military strategists, higher authority.

On the morning of 26 March there was an instruction from Nairobi that the King's African Rifles must prepare to leave at once: the company was to report that afternoon to the Athi River prison, lifteen miles south of Nairobi, as trouble was expected there. Protests and pleading were in vain and the company departed. Even as the forries moved off, many of those who were going to stain that night with deeds unsurpassed in any inventory of butchery were already crouching in their hiding places in the area awaiting their final orders which they would receive just before the attack. Some of these Mau Mau in hiding were from the Lari district itself, but most of them were from Githunguri, where before the Emergency Joneo Kenvatta had had his headquarters.

The order which had brought nearly one thousand together had been issued by the Mau Mau Central Committee in Nairobi five days previously. A typically cryptic blend of directive and incitament, it had first summoned the chosen leaders who had then organized this pre-operational meeting near the scene of the intended attack but only at the last minute would the task itself be disclosed in detail to those who were to carry it out. Much of the Central Committee's directive was Mau Mau's equivalent perhaps of a Special Order of the Day:

Our great leader and leved one Jomo Kenyatta who has been insprisoned by the whites.

Let us take an oath that those who conducted the case of Jomo and those who put handcuffs on him shall be destroyed, and we shall the up their hands with sinews taken from their ribs....

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We must take an each that those who hinder us and who help the whites must die as they sleep together with their wives and children. When warriors have takes the each tell them the day we are waiting for is near.

And if any person disobeys what is decided, and he who assists the whites, we must essente him, take out his even, then hold him for seven days, then we will out his head off and see if the whites can bring him back to life.

By 9.50 p.m. mearly one thousand Mau Mau from Lari and

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By 9.50 p.m. nearly one thousand Mau Mau from Lari and Githunguri had made their way to prearranged stations in gauge ranging in number from thirty to 100. Their orders were to kill all loyal Kikuyu in Lari. The area to be covered was the area of plain, seven miles by three, that recedes from the eastern skyline as seen from Uplands. The Mau Mau groups had been carefully spaced to cover the full expanse so that each part of it could be attacked at once.

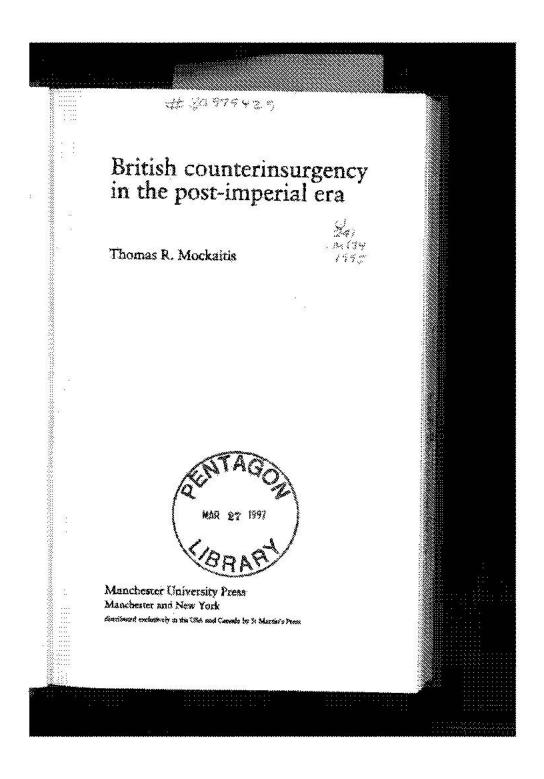
Each group had been made responsible for the disposal of certain named families. The method was one that Man Man had perfected through long use though they had never before attempted it on this scale. Each gang was subdivided into a main body and two subsidiary groups. The first subsidiary group had the task of binding the huts swiftly and tightly with cable so that the door could not be opened. The second group, who carried petrol, soaked the hut and its thatched roof and set fire to it. The remainder stood by ready to kill with pangas and simis anyone who managed to escape from the blazing huts. Luck was wholly with Man Man that night. Only that morning the King's African Rifles had been called away from the area and now, as they prepared to strike, the 150-strong local detachment of the Kikuyu Home Guard were patrolling the forest some distance away.

Shortly after ten on that night of 26 March 1933, to those watching from Uplands police post the night seemed to burst into flames. A belt of fires in depth broke out so nearly simultaneously that the whole countryside seemed suddenly ablaze, not only the main Lari ridge but the plain beyond.

A great bank of fire greated the District Officer when he arrived at Uplands a few minutes later with senior police

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British counterinaurgency

Catholic crowds. The hated B-Specials were to be disbanded and civil rights legislation was in the offing. The new Ulster Defence Regiment showed signs of becoming a truly non-sectarian force.<sup>18</sup>

Flowever, a series of major mistakes based partly on past colonial experience and partly on the peculiar situation in Ularer prevented the security forces from ending the conflict. To begin with they failed to establish a strong presence in the Catholic areas. Instructed by the Labour government to "go softly", the troops stayed out of what came to be called "no-go" areas. Behind the barricades and the shield of the British army the phoenix of Irish nationalism was reborn—yet again. One IRA member later asked a soldier quite candidly why the army had not called the insurgents' bluff and moved into the Catholic areas which could not then have been defended.

The nationalists displaced the civil rights movement as leaders of the Catholic community and came to control the "no-go" areas. They convinced people that they alone could protect the community from the Protestants. The traditional insuggents, the official trish Republican Army, had, however, exchanged violence. Consequently, the "Frovis" (the Provisional IRA) split from the Officials in December 1969. J Bowyer Bell, who perhaps knows more about the Provisional IRA than anyone outside the organization, described the Provos' goals:

- The IRA would immediately assume the role of nationalist defender, replacing the British Army and pre-empting any Dublin effort;
- the IRA would shift the nationalist focus to the British Army-asenomy, thus benefiting from their own provocations and the nature of the military to begin setaliatory operations;
- these would engender a cycle of provocation-and-response that would permit an offensive IRA campaign.<sup>47</sup>

The Provisional IRA went from 100 members in January 1970 to \$00 in December and now felt confident enough to take the offensive against the army with surping and bomb attacks.<sup>12</sup>

Unfortunately the governments in Stormont and Westminster and the security forces played into the hands of the Provos. Civil rights legislation addressing most of the demands of 1968 was too little too lats. The decisions to disband the 8-Specials and disarm the RUC were steps in the right direction, but in the short term they

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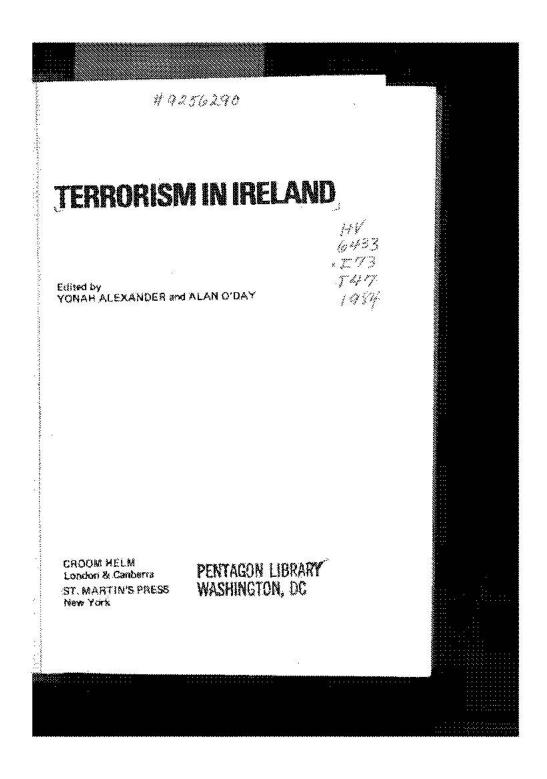
Braish counterinsurgency

the instructions on the yellow card if a judge of jury believes that his actions did not constitute minimum force. A private of the Light lafantry is corrently serving a life sentence for a murder he committed while on dury in 1984, and 11 members of the Ulster Defence Regiment have also been convicted of entitles.

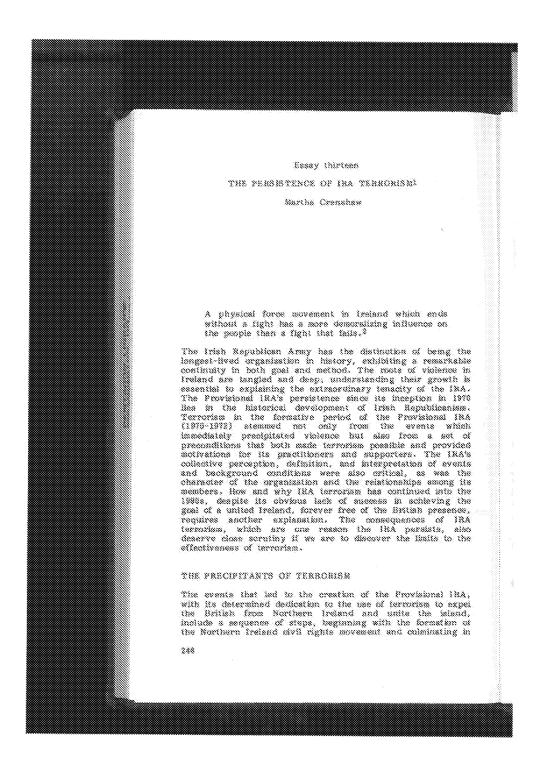
At the strategic level too the security fraces operate under more restrictive emergency legislation than that enserted for any previous emergency. At the start of the "troubles" the 1922 Special Powers Ast governed the conduct of the emergency. Passed in the afterment of the Angle-Irish War the act allowed internment without trial, flogging of prisoners, capital punishment, science of property for security purposes, proscription of organizations by ministerial order, and dispensing with the cortiner's impury." The civil rights movement quite asterially included appeal of the hared act in its list of demands. The act was an open invitation to use excessive force, an invitation which the B-Specials accepted.

While its most extreme measurer were never invoked, the special Powers Act was clearly inadequate for addressing a modern insurgency. The first adjustment to the security legislation came in 1973 on the recommendation of the Diplock Commission. The 1973 Emergency Powers Act gave soldiers the right to make accests and created special "Diplock Courts" in which offences could be tried before a magistrate instead of a jury subject to insimifation.49 The Ast empowered the array to conduct searches of individuals, vehicles, and premises; derain suspeces for up to four hours; establish vehicle checkpoints; and disperse crowds. It also provided his careful documentation of acress and reasonable safeguards for suspects. The Prevention of Terrorism Act (1984), applicable to the whole of the United Kingdom, allows suspects to be detained inirially for borty-eight hours and for an additional five days by order of the Secretary of State. The Northern Iroland (Emergency Provisions) Acts 1978 and 1987 augmented the 1973 measure. Under the Asta soldiers were empowered to accest suspents and detain them for up to four hours without warrant; to search premises, vehicles and persons. The Northern Ireland (Emergency Provisions) Act 1991 renewed the regulations of the earlier statutes hot added a condition of "reasonable suspicion" to security force powers of search, server and detention. The Criminal Evidence (Northern Ireland) Order 1988 abridged freedom from self-incrimination by stipulating that refusal to answer questions could be held against





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complaints have been lodged against specific British practices. British policies remain those of a democractic fiberal state, concerned with profesting the rights of the individual. The IRA profits by the limits democracy imposes; all fiberal states combatting terrorism, including most prominently West Germany, Italy and Spain, face similar problems. Governments confirmt difficult choice between tolerating a certain level of terrorism or instituting rules and security presedures that jacpardies the political order that is being defended against terrorism.

#### TERRORIST ORGANIZATION, AIMS AND METHODS

The people who become terrorists or assist terrorists are a very small number of those who collectively experience the ovents and conditions outlined above. At its highpoint is 1972, the 18th numbered about a thousand astricts; it is currently thought to be in the range of three to four hundred, apparently showing some distinction since a 1978 figure of five hundred. The Irish Natural Liberation Army, a recent manifestation of Irish asticulies that evolved from the Official wing of the IRA, has only a hundred members. <sup>18</sup> To understand the resort to terrorism, we must look at the terrorism; their presents for terrorism, their reasons for terrorism, their interpretations of the situation, their goals, their statevies and their organization.

their strategies and their organization.

Terrorism is a rational photos, deliberately made for reasons that are comprehensible if not justifiable to the outside observer. Furthermore, terrorism is best understood as the collective choice of an organization than as the secision of a single individual. Terrorism is not a form of deviant psychology; examination of personality types is unlikely to provide a satisfactory explanation. In the words of a British utilitary intelligence report, the IRA consists of well trained, siddled shiftents led by "a strate of intelligent, astute, and experienced terrorists". To Nost observers agree that there is no unifying personality characteristic assay terrorists, much less some pathological drive that would aske terrorists a form of expressive rather than instrumental violence. The IRA leaders impress observers as being genuinely dedicated to the same, as a sindylduals stirected to violence for its own sele.

experienced terrorists". <sup>15</sup> Most observers agree that there is no unifying personsity characteristic among terrorists, much less some pathologies drive that would make terrorists a form of expressive rather than instrumental violence. <sup>18</sup> LikA leaders impress observers as being genuinely dedicated to the sames, not as individuals attracted to violence for its own seke.

Psychological motives for terrorism and social and psychological rewards for perticipation in terrorist activities play some role, silhough they are not dominant factors. Vengeance against the enemy is a strong exactional motive, one which many terrorist groups share. <sup>17</sup> Also, in the first context, the role of an life member is one that terms a definite reinforcement. The salidarity and contradeship of belonging to a paramilitary organization, an in-group blessed

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successful. Despite emphasis on intelligence-gathering and analysis and the establishment of a special telephone sumber for callers who wish to give information amonymously, acquiring accurate information on the liki reasins a key problem. The British government is apparently reconsised to a policy of containment and the tolerance of a low level of violence for an indefinite future.

problems. The British government is apparently reconsised to a policy of containment and the tolerance of a low level of vicience for an indefinite future.

The British policy response has also involved greater cooperation with the Republic of Ireland than existed before the Tributies. Fallinally the British government has shown an enthusiastic willingness to associate the Republic in finding a solution, and the Republic has expressed expenses to be included. The relationship is a editate one, but both countries share the view that the IRA must be repressed, that smily can come about only through consent, and that for the present direct rules is the only fassible policy. In the area of security, cooperation between police forces as sither side of the border has improved, however, the Republic does not extrastite terrories suspects or allow Seathern Ireland forces the right of pursuit surpsets or allow Seathern Ireland forces the right of pursuit surpsets or allow Seathern Ireland forces the right of pursuit surpsets of shamed for both IRA and INIA. a source of funds, and a channel for arms. Irish popular enthusiasm for the cause of Catholics of the Morth died down as interment and official discrimation ended, as IRA bombings and assessinations outraged public opinion, and as the imager strike suded with little credit for the Regulices newment. Revertheless, the ides of irish unity remains powerful. The failure of the British and Irish Prime Ministers to agree on common security measures even when confronted with the crisis of finding a response to the assessination of Mountbatten decemberates the limits of mooperation. The policy of the Irish government is that political resolution of the monified is an essential precondition for the credication of terrorism.

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Terrorism has little effect on the desectic political structure of Great Britain or ireland; for example it is not an abertion issue in either country. However, it has resulted in policy shanges oriented feward suppressing the IRA. The IRA only became an outlewed organization in Great Britain in 1878 as a result of beadings in Brimingham. The Prevention of Terrorism Act (which also applies to Borthern Ireland) involves restrictions on civil liberties ends as government exclusion powers by which suspected terrorists can be expelled from Britain. Persons may also be detained for questioning for up to a week. More stringent measures were taken in the Republic, where a Special Criminal Court was established, the defendant's presumption of innocence abolished in the case of IRA membership, and spokesmen for the IRA prohibited from appearing on radio or television of being quoted in the press. 39

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# Armed Political Organizations

From Conflict to Integration

BENEDETTA BERTI

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The Johns Hopkins University Press

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After the 1975 cease-fire and in response to the increasing infiltration of the IRA from British intelligence, the IRA chose to downsize its armed wing and shift from a mass-based movement to a more secretive cell system. Under the new system each cell, at times composed of only two or three members, would maintain a functionally distinct task and would coordinate with the larger movement by reporting through a vertical chain of command, headed by the Army Council. SS

This seven-intan contactl was elected by an executive body appointed during the General Army Convention, composed of representatives from local units. The Army Council was the highest authority within the IRAs its elections were considered binding. The council was in charge of the main policy and strategic decisions, as well as with selecting the organizations chief of staff and highest army officers.

Along with this organizational restructuring, the IRA enhanced its technical skills, boosting its bomb-making capacities and acquiring a sophisticated atsenti.

These changes were possible due to the rise of a new group of leaders, which first emerged in the mid-1970s following the creation of the IRA Northern Command. In the following decade, the internal balance of power shifted, moving from the traditional southern elite to a younger generation of northern leaders. The new IRA leaders, born and raised in Northern Ireland, would be responsible for the internal restructuring of the IRA.

In parallel with these changes at the military level, the republican political organization. Sinn Féin, also rose and became more prominent. The growth of the party began in the early 1980s, as the next section will examine in detail, in parallel with the rise of Gerry Adams as its leader. Furthermore, this growth reflected the development of the "Armalite and ballot box" strategy that claimed that the republican movement would be best served by conducting amultaneously a polar-cal and a military company. St Sian Féin's structure was diametrically opposite to the IRA's. Sian Féin favored grassroors participation through local associations (the cumman), entered alliances with trade unions and civil society organizations, and attempted to draw broad mass support from the population in Southern and Northern Ireland, in contrast with the IRA's underground activism. 59

Although the groups were formally separated, with the Army Council ruling the IRA and the Ard Combairle (National Executive) overseeing Sinn Féin's activities, still there was an overlap in the membership of the two organizations regarding the bases, leadership, and political candidases chosen by the pany to run for office. The council's decisions were reportedly also equally upheld by the IRA and by Sinn Féin. 60 Since its early days, the relationship between the IRA and Sinn Féin was blurry and complex. Although Sinn Féin publicly denied influencing the IRA and its decisions, it still periodically accepted to be the interneediary between the British.

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# Aptitude for Destruction

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# Volume 2: Case Studies of Organizational Learning in Five Terrorist Groups

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Brian A. Jackson John C. Baker Kim Cragin John Parachini Horacio R. Trujillo Peter Chalk

Prepared for the National Institute of Justice



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CHAPTER SIVE

## **Provisional Irish Republican Army**

Brian A. Jackson

#### Introduction

Even a cursory examination of the operational history of the Provisional Irish Republican Army (PIRA) reveals ample evidence of organizational change and evolution. Through its nearly 30-year history, the group has altered its tactics, manofactured new weapons, modified its targeting practices, and significantly changed its own structure to improve its security. PIRA has also devoted significant effort to circumventing or defeating systems and technologies deployed by security forces in their counterterrorism efforts.

PIRA stands out from other terrorist organizations in both the quality and scope of its learning capabilities. Hogan and Taylor note that "the remarkable evolution of this organisation has been characterized by internal learning, an exceptional ability to adapt, reorganize, and restructure, and the impressive development of a highly efficient and multi-dimensional support apparatus" (Horgan and Taylor, 1997, p. 27). Other assessments, however, paint a more complex, if not contradictory, picture. J. Bowyer Bell, a researcher who spent many years studying the group, raised serious questions about PIRA's ability to learn and its desire to change its modes of operation. Bell saw the group as constrained by past assumptions, and as a result, "[PIRA spent little time] in consideration of strategic options or tactical initiatives. . . . The Army Council or the individual volunteer . . . rarely [contemplated] the appropriate means to achieve the organizational goals" (Bell, 1993, pp. 26–27). Such an assessment seems to suggest a PIRA that barely thought, much less learned.

This chapter examines organizational learning within PIRA in a variety of areas, including

- Operations and tactics
- · Training
- · Logistics
- · Intelligence and operational security

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This analysis is intended to develop a better understanding of the group's learning efforts, including the areas in which it chose to learn, the results of its attempts do so, and, where possible, the processes through which it carried out its learning efforts. It directly confronts the apparent contradiction noted above. As the discussion will show, PIRA's level of success at learning and innovation varied; though in most areas it was extremely successful, some of its efforts were more mixed. As a result, the two viewpoints should be viewed as complementary, rather than contradictory. And the apparent conflict between them should be seen as a demonstration of the difficulty of making broad statements about an organization's capacity to learn across all areas, subjects, and technologies.

Background State Practical Action (Control of Control o

Violent conflict over British involvement in Ireland has a history that reaches back decades. Even as the political landscape shifted—e.g., the British withdrew from the majority of the island in 1921 (the part that became the independent Republic of Ireland in 1948), and the island was geographically partitioned to form Northern Ireland—violent conflict persisted at varied levels of intensity. Conflict in Northern Ireland between Loyalists (supporters of continued English involvement) and Republicans (opponents of English involvement who desire unification of Northern Ireland with the Irish Republic) claimed many lives throughout the years of violence. Complicating the political elements, the conflict is also a religious one. The division between Loyalists and Republicans is also a division between Protestants and Catholics, making much of the violence as much about brutal sectarianism as about the political goals of the opposing sides (Coogan, 1993, pp. 3–28; Drake, 1991, pp. 43–44).

PIRA came into being in 1969, splintering from the rest of the Republican movement due to differences in political and military strategy (Bell, 1998b, pp. 367–368; Drake, 1991, p. 44). It operated as an insurgent terrorist organization until the late 1990s, carrying out operations and support activities in Northern Ireland, in the Irish Republic, on the British mainland, and in other areas, including continental Europe and the United States. Since PIRA agreed to a ceasefire in 1997 as part of the regional peace process (Jane's World Insurgency and Terrorism, 2004), more-limited terrorist operations have been continued by splinter groups such as Real IRA and Continuity IRA.

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<sup>&</sup>lt;sup>1</sup> The rast majority of PIRA terrorist operations were carried our in Northern Ireland and on the British main-land.

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Provisional Irish Republican Army 95

#### Goals and Strategy

PIRA's goals and strategy were defined by the long history and philosophy of the Irish Republican movement. In a 1981 interview, a spokesman related PIRA's goals to events that occurred more than 60 years earlier: "Our aim [is] to force a British withdrawal from Ireland and to establish a Democratic Socialist Republic based on the Easter Proclamation of 1916" ("IRA Interview: Iris Talks to a Member of the IRA's General Headquarters Staff," 1981, p. 42). As it pursued these goals, the group sought to maintain the allegiance of the Catholic population in Northern Ireland and the Republic, its primary support community. PIRA also strove to maintain an image as a potent military force (Crenshaw, 1984; Silke, 2003), drawing on Republican traditions that called for physical force as the means through which the goal of Irish unification should be pursued (Smith, 1997, pp. 14-19).

Understanding that it lacked the capability to directly confront the British militarily, PIRA opted for terrorism and insurgent violence. The group's implementation of this strategy is articulated in The Green Book, a PIRA policy and training manuals?

- 1. A war of attrition against enemy personnel which is aimed at causing as many casualties and deaths as possible so as to create a demand from their people at home for their withdrawal.
- 2. A bombing campaign aimed at making the enemy's financial interest in our country unprofitable while at the same time curhing long term financial investment in our country.
- 3. To make the Six Counties as at present and for the past several years ungovernable except by colonial military rule.
- To sustain the war and gain support for its ends by National and International propaganda and publicity campaigns.
- 5. By defending the war of liberation by punishing criminals, collaborators and informers (quoted in Coogan, 1993, p. 420).

An alleged PIRA leader summarized the group's strategy rather more succinctly as "blattering on until the Brits leave" (Drake, 1991, p. 45).

#### Organizational Structure

In order to act, a terrorist organization must be able to organize people and resources, gather information about its environment and adversaries, shape a strategic direction for actions of its members, and choose tactics, techniques, and procedures for achieving strategic ends. PIRA addressed these requirements through a multilevel management structure. The highest level of decisionmaking was the General Army

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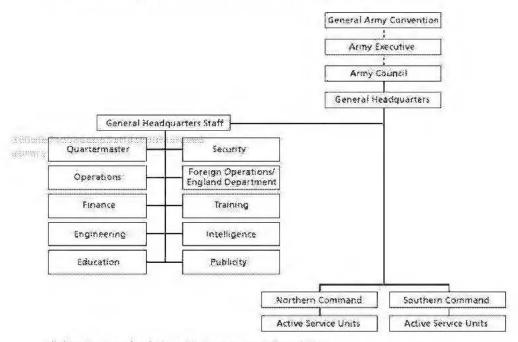
<sup>2 &</sup>quot;The Green Book listed the duties and responsibilities of Volunteers, as well at explaining the history of the movement, the rules of military engagement, and ann interrogation techniques" (Collins and McGovern, 1998.

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Convention, "an organised meeting of delegates . . . [drawn] from other structures within the organisation" (Horgan and Taylor, 1997, p. 4). The Convention elected the 12-member Army Executive, which elected the seven-member Army Council. The Army Council was in charge of defining the organization's strategic and tactical direction. From its seven members, the Army Council chose a chairperson, a secretary, and a chief of staff. The chief of staff was the primary authority within PIRA.

The decisions of the Army Council and its chief of staff were implemented by the General Headquarters (GHQ) and two operational divisions, the Northern Command and the Southern Command, which controlled operations in Northern Ireland and in the Republic, respectively. The GHQ, based in Dublin in the Republic of Ireland, was divided into ten departments, as shown in Figure 5.1. Over time, the structure of PIRA's operational units changed in response to the group's external security environment. Initially, PIRA was built as a quasi-military organization consisting of battalions and brigades. As long as PIRA controlled areas with sympathetic populations, these components operated openly, but such openness could not be maintained under pressure from security forces and was discarded later in the group's

Figure 5.1 Organizational Structure of the Provisional Irish Republican Army



SOURCE: Adapted from information in Horgan and Taylor, 1997.

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career. In this structural transition, which will be discussed in more detail below, the quasi-military organization was replaced by a compartmented, cellular structure.

#### **Operations and Tactics**

Although PIRA split off from the already operational Irish Republican Army (which continued to exist alongside PIRA as the "Official IRA"), the group's initial capabilities were quite limited: "Initially, the principal military activity of the [PIRA] was stone-throwing and sometimes petrol bombing" (Coogan, 1993, p. 281). But as weapons became more available and the group evolved, PIRA's repertoire expanded; within months, it included firearms (Coogan, 1993, p. 282), and it progressed toward what would eventually become significant explosives expertise. In time, PIRA branched well beyond guns and bombs to become known for the variety of tactics and weapons it used effectively. Building operational and tactical capabilities required that the group make advances in weapons technology and usage as well as in the planning and execution of operations.

#### Weapons Technologies and Usage

At different points in its history, PIRA faced different constraints on its ability to acquire and use weapons technologies. When it began terrorist operations, its arms were limited: "It is literally true, for instance, that in August 1969, the only weapons known to be available to [PIRA] were ten guns" (Coogan, 1993, pp. 278–279). This void was gradually filled though infusions of funds from abroad, notably from the United States; interactions with sources in the Middle East, particularly Libya; and the international arms market (Bell, 1987, pp. 56, 256). The organization's access to arms was, however, limited by a lack of expertise in a decidedly nonmilitary area: the knowledge required to execute deals in the international arms market and to successfully get the weapons through the international shipping system. As noted by Bell, "The GHQ lacked foreign contacts and foreign allies, had little knowledge of the nature and problems of illegal arms traffic nor the diplomatic resources to purchase legally what was needed. As a result, a string of failures and abortive plots occurred—and in some cases received wide publicity" (Bell, 1998b, p. 373).

Counterterrorism officials interviewed for this study indicated that by the later stages of its operational career, PIRA had more than 30 varieties of weapons—including mortars and rockets—as well as numerous methods to lay and detonate explosives, advanced sniper tactics, etc., that it could draw on to mount opera-

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<sup>&</sup>lt;sup>3</sup> In some of these failures, the group's lack of experies may have been exacerbased by direct intervention of the security forces: "It would appear in several cases the [supposed] arms source was, in fact, British Intelligence or agents shereof" (Bell, 1998b, p. 392).

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tions. This was partially the result of improvements in the group's ability to obtain weapons through procurement, including stocks of sophisticated weapons such as the Armalite rifles that the group made a de facto trademark of its military activities, advanced explosive devices, and powerful military-grade machine guns. When the group could not gain access to desired weapons, it turned to manufacturing them internally, producing its own explosives when stocks ran short, engineering and constructing its own mortars, and even seeking to manufacture its own antiaircraft missiles (Bell, 1998b, p. 438).

Although PIRA has used a wide variety of innovative attack forms, three types of weapons illustrate the group's learning activities particularly clearly:

- Explosives
- · Grenade launchers
- Surface-to-air missiles

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These are discussed in turn below. The discussion examines the circumstances that drove PIRA innovation in each type of weapon, the group's organizational learning efforts, and, to the extent possible, measures of the group's success.

#### Explosives: Continuous Improvement to Improve Device Safety and Competitive Learning to Maintain Group Capabilities

PIRA developed a reputation for its capabilities with explosives and the application of advanced technologies in the construction and use of bombs, mines, and other devices. These capabilities developed over time as a result of an intense learning process within the group.

Drivers of Innovation. In the early 1970s, PIRA bombs were basic, unstable, and almost as dangerous to the group itself as they were to its targets. One account of a member active at the time emphasized how the fatality rate from the devices affected group members' willingness to use them: "People who volunteered to work with explosives were regarded either as 'nutty professors' or as stark, raving mad because explosives, commercial and home-made, were dangerous and unpredictable and had cost [PIRA] persons their lives. Result—not many people wanted to work with explosives" (O'Doherty, 1993, p. 69).

The losses went beyond simply reducing the willingness of volunteers to plant hombs. Occasionally, the accidents claimed the lives of experienced veterans, such as Jack McCabe, who "was mixing ingredients for a home-made bomb in December 1971, using a metal shavel on a concrete garage floor. The predictable result was

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<sup>4</sup> Personal inserview with law enforcement officials, England, March 2004.

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a spark and a premature explosion" (Geraghty, 2000, p. 205). Later, PIRA lost Brendan Burns, one of its most experienced homb-makers (Collins and McGovern, 1998, p. 172), and reportedly nearly lost Seamus Twomey, a leader in the Belfast PIRA, "due to a small misunderstanding about where and when the bomb would be laid" (Geraghty, 2000, p. 67).

The explosives failures were caused by the nature of the designs as well as the level of expertise of the individuals involved in manufacturing them. First-person accounts of PIRA explosives operations describe a range of errors, including forgetting to set the timer before arming the device (O'Doherty, 1993, p. 155), failures to test circuitry, problems with static electricity, and failures of volunteers to follow safety practices "in the name of expedience or out of ignorance" (Bell, 1998b, p. 392). The result of the shortcomings in technology and technique was a toll on the organization that "was worse than [that] inflicted by the British Army during the height of bombing operations" (Bell, 1998b, p. 392).

As the group improved its skills, the price it paid in fatalities from premature detonation dropped from 31 in 1973 and 17 in 1974 to two or fewer a year by 1978. Even after adjusting the figures for the approximate level of the bombing operations occurring each year, the drop in yearly fatality rates remains (data from Sutton, 2004, and Police Service of Northern Ireland, n.d.). In fact, by 1993, such faralities had become so rare that when a PIRA bomber was killed in an operationally botched bombing of a fish shop on the Shankill Road, there were initial speculations that his death must have been deliberate (Silke, 2003).

Fatalities caused by premature detonation were only one of the drivers of innovation for PIRA. The other primary driver was the need to respond to changes in the security and countermeasures of the group's adversaries. Both the British Army and law enforcement organizations devoted considerable resources to developing and deploying new technology to defeat PIRA's activities. These deployments seriously degraded the effectiveness of the group's operations by limiting the effectiveness of its explosive devices. Key efforts were focused on interfering with PIRA's capacity to use particular detonation mechanisms (discussed in detail below). Responding to these changes, therefore, was a major focus of PIRA explosives innovation.

Explosives Innovation. As its operations expanded, PIRA had to learn what was required to meet its need for basic explosives materials. In some areas, the group could steal what it needed from construction, mining, or other industrial sites

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<sup>&</sup>lt;sup>9</sup> In a morbid example of organizational learning, McCabe reportedly passed on the details of what had happened from his deathbed, to prevent other group members from repeating his mistake (Coopan, 1993, p. 279).

<sup>6 °</sup>It was commonplace to work at bombs with bare hands instead of wearing rubber gloves and a lot of the young married Volumeers wore gold wedding rings; we later discovered that these sometimes made a contact where the two wires crossed the ring, completing the circuit and detonating the bomb° (O Callaghan, 1949, pp. 82–83).

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(O'Callaghan, 1999, p. 58). However, those sources could not sustain the group indefinitely, so by 1972, PIRA had extensive explosives manufacturing operations in place (Foreign and Commonwealth Office: Republic of Ireland Department, 1972a).

Some PIRA units specialized in explosives manufacture, supplying larger portions of the organization. One bomb factory, staffed by three people, was tasked to produce "two tons of fertilizer-based explosives every week . . . [to supply] the Mid-Ulster Brigade of the [PIRA]: South Derry, East Tyrone, South Fermanagh, North Antrim, North Armagh and West Fermanagh" (O'Callaghan, 1999, p. 89). Such an industrial approach allowed the group to adopt large, vehicle-based explosive devices as a central tactic. When PIRA received significant quantities of the plastic explosive Semtex from Libya in the mid-1980s, the materiel constraints on its operations shifted again. With less need to work on its ability to make explosives, the group could increase the range of devices it constructed (Harnden, 2000, pp. 242–243).78

PIRA is more broadly known for innovation in the design of explosive devices, rather than explosives materials themselves. Initially, the group used comparatively unsophisticated gasoline and nail bombs to attack security forces. Although it continued to use such hand-thrown devices—"coffee jar" bombs combining a small amount of explosives and shrapnel were a constant component of its assenal—these devices had disadvantages. In particular, thrown explosives require the thrower to be close to the target and expose him to considerable risk.

To protect volunteers and increase the chances of operational success, PIRA adopted two technologies that could separate the terrorist from the detonation of the explosive device in distance, time, or both:

- 1. Remote manual detonation. The bomb is set off by an individual, but technology moves the bomber away from the bomb.
- 2. Automatic detonation. The bomb does not require intervention to be detonated.

Remote Manual Detonation. One of the earliest deconation mechanisms adopted by PIRA was the use of long command wires, usually buried to avoid detection, which allowed a bomber to set off a bomb from some distance away. Frequently used for mines planted under roads to attack security force vehicles, long command wires sometimes took advantage of the border between Northern Ireland and the Republic to prevent security-force pursuit.

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<sup>7</sup> It should be noted that PIRA made a number of innovations in the formulation of explosives materials themselves, both to match the materials they had available and to improve the properties of explosives for their operations. In the interests of space and to avoid the inclusion of certain types of restricted information in this report, innovation in that area will not be discussed here.

<sup>&</sup>lt;sup>8</sup> Personal interview with a former security forces member, England, March 2004.

<sup>&</sup>lt;sup>9</sup> Personal streetiew with law enforcement officials, Northern Ireland, March 2004.

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Although command wires separate a bomber from the bomb, they still provide a tangible link between the two and limit their separation distance. The buried wire could also be detected, potentially compromising an operation. This drove PIRA to explore remote detonation, beginning with remote-controlled or radio systems. <sup>10</sup> Its first detonation of a remote-controlled bomb reportedly occurred in 1972 (Geraghty, 2000, p. 208; Urban, 1992). PIRA's first transmitters were based on a commercial unit designed for model airplanes or boats. To counter this new tactic, security forces began transmitting jamming signals on the transmitter frequencies, preventing detonation or prematurely detonating PIRA bombs (Harnden, 2000, p. 363; Urban, 1992, p. 112). PIRA answered this innovation by adopting more-sophisticated electronic switches (Geraghty, 2000, p. 208).

The back-and-forth innovation/countermeasure developments led to a "chase" across the radio spectrum. Once the security forces jammed a frequency, PIRA had to seek out a new area of the spectrum to reconstitute its capabilities. First-person narratives describe how PIRA tested new technologies to ensure that their signals could penetrate the security forces' protective countermeasures (Collins and McGovern, 1998, pp. 155–156). For these innovation efforts, PIRA drew on expertise within the commercial sector (Bell, 1998a, p. 198) and on experts from abroad and within the military (McKinley, 1984). An American engineer, Richard Johnson, developed "the ingenious idea of using the Weather Alert Radio frequency to trigger [PIRA] bombs. The [system] . . . was unique to North America. Its frequency of 162.55 MHz was not in use in Europe and was therefore a clear channel for the [PIRA]" (Geraghty, 2000, p. 208; Harnden, 2000, p. 356).

However, as PIRA's devices became more sophisticated and used increasingly specialized components, they also provided ways for the authorities to track down the group's activities and link its outside consultants to terrorism (Harnden, 2000, p. 356; Neuffer, 1990). The increasing specificity and sophistication of the devices also increased the risk to the group's capabilities, since the security forces could study PIRA bombs that failed to detonate. Intricate firing sequences and transmission technologies might make it possible to circumvent countermeasures, but if PIRA's technology was compromised, the countermeasures could be quickly updated: "Once a [PIRA] radio-bomb had failed to detonate, the army could retrieve the weapon and identify the radio code on the receiver, thus neutralizing all bombs using the same

Jackson, Brieg A., Baser, John C., and Chaik, Peter. Astitude for Destruction, Volume 2: Class Studies or Organizational Learning in Five Terront Groups (1), Santa Monca, US: RAND Corporation, 2005. ProQuest shray, Web. 25 January 2017

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<sup>&</sup>lt;sup>10</sup> Triggering remotely controlled devices involves some expertise in timing when the target is positioned near the explosive. PIRA reportedly adopted some other auxiliary technologies, such as baby-monitor transmitters, to assist in detonating bombs even when they lacked a line of sight to the target (Geraghty, 2000, p. 208).

<sup>&</sup>lt;sup>11</sup> Personal interview with a former security forces member, England, March 2004. The interviewee pointed out that this sequential "chase" from frequency to frequency was bounded by the availability of electronics components at the time.

 $<sup>^{12}</sup>$  Personal interviews with law enforcement officials, England, March 2004.

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signal. When this occurred the [PIRA] could spend more than a year trying to find a new signal which would break through the shield" (Collins and McGovern, 1998, pp. 155–156, 169). To protect its capabilities, PIRA had to learn how to prevent this from happening. To prevent security forces from gathering such evidence, therefore, some bombs were outfitted with self-destruct mechanisms to insure against their failing to detonate (Harnden, 2000, p. 20).

Paradoxically, as the bombs got more and more advanced, PIRA's overall capability became less robust—a single device failure could result in security forces hobbling the group's capabilities for an extended period. Because of these potential vulnerabilities, PIRA sought to broaden its repertoire of remote detonation technologies, exploring alternative options such as the use of radar detectors and police radar guns, photographic units triggered by flashes of light, infrared transmitters from garage-door openers, and even "projectile detonation," i.e., shooting two metal plates together to complete a firing circuit and set off a bomb (Geraghty, 2000, pp. 209–210).<sup>13</sup>

Even as detonation technologies became more and more advanced, PIRA retained older technologies for use when needed. As a result, while different transmitter methods were being used, command wires were being used as well. This allowed the group to cycle through both old and new as its latest-generation methods were penetrated and rendered ineffective (Urban, 1992, p. 113).<sup>14</sup>

Automatic Detonation. To enable bombers to escape, PIRA also used timing devices to delay detonation. Beginning with clocks and watches (O'Callaghan, 1999, pp. 82–83) and simple chemical delay mechanisms (Geraghty, 2000, p. 207), PIRA shifted to much more accurate timers taken from other devices or developed from scratch. The group built timers that could delay detonation for weeks or months, technology used in an attempt on Queen Elizabeth in 1977 (Glover, 1978) and a 1984 attack on Prime Minister Margaret Thatcher at a Party conference in Brighton.

<sup>13</sup> PJRA also explored siterastive ways of separating the volunteer delivering the bomb from the attack itself. Letter bombs, although effective, produced a significantly negative response from the group's constituencies and were therefore seldom used (Crenshaw, 1984; Foreign and Commonwealth Office: Republic of Ireland Department, 1973a). The group also modified vehicles to deliver bombs in ways that did not require PIRA members' direct involvement. In one instance, a van was modified to travel on its own along rail lines (Harnden, 2000, p. 262, 264). In others, PIRA used guidance mechanisms that telied on human intervention. The group also used "proxy bombs"—stolen civilian vehicles that PIRA filled with explosives and forced their owners to drive them to their rargets (Coogan, 1993, p. 285; Drake, 1991, p. 50). The group made an effort to use "human hombs," unwilling suicide hombers, but it rapidly gave up the practice (Bell, 1998b, p. 615). There are also reports of PIRA experimenting with building whicles either guided by remote control (Harnden, 2006, p. 208) or using the global positioning satellite (GPS) navigation system, "somewhat like a pilotless cruise missile" (Geraghty, 2000, p. 212). This technology was cited as an example of convergence between PIRA and other groups, such as Basque Fatherland and Liberty (ETA) and the Revolutionary Armed Forces of Colombia (FARC), which reportedly have also experimented with and used such devices (personal interview with a formet security forces member, England,

<sup>14</sup> Personal interview with a former security forces member, England, March 2004.

Jackson, Snan A., Baker, John C., and Chalk, Peter. Aptitude for Destruction, Volume 2: Case Studies of Organizational Learning in Five Terrorat Groups (1). Santa Montes, US. RAND Corporation, 2005. Prof. Least abrary, Web. 25 January 2017 Copyright © 2005. RAND Corporation, All rights exercised.

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PIRA also adopted movement-triggered devices to detonate bombs placed under cars, targeting the individuals who owned the vehicles. These devices were reportedly improved with assistance from other Irish terrorist groups, which may have obtained the technology from groups outside the region (Drake, 1991, p. 48; O'Ballance, 1981, p. 237).

A key development in PIRA timer technology was the adoption of the Memopark timer, a small pocket timer marketed to help people track the time remaining on their meter when they parked their car. The timers were very accurate, and the group acquired a large number of them. Because of the suitability and availability of the Memopark timers, PIRA relied on them for an extended period and was not forced to innovate as dramatically in timer technology. Because

Just as PIRA had specific cells producing explosives materials, it also institutionalized production of the bombs' electronic components. It developed nearly standardized timing and power units that the military cells could use as off-the-shelf components in their operations. This level of stability allowed the group to incorporate standard safety devices into its bombs, such as indicator lights to assure that the bomb was properly set before arming, and to use secondary timers that would arm the bomh after a set amount of time had passed. The stability of device construction also enabled continuous improvement in the devices over time, since the same individuals were building many generations of explosive devices.

Although security forces indicated that there were few barriers to expanding production of the units within the group—"only comparatively simple skills are needed [to manufacture the devices], . . . we would not expect PIRA to have great difficulty in expanding production and we expect this to happen" (Glover, 1978)—such expansion was not observed. Discussions with law enforcement and former security forces members indicated that signatures of individual bomb-makers could be tracked through much of the conflict. This suggests that PIRA decided it was more effective to diffuse these specialists' knowledge through the organization in the form of the devices they built, rather than broadly teaching many group members to make bombs for themselves.

Although the use of timers and delays before detonation improved the safety of volunteers, it also provided security forces with the ability to locate and defuse the

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<sup>15</sup> Ikid.

<sup>16</sup> Personal Interviews with a former security forces member and a law enforcement official, England, March 2004.

<sup>17</sup> These safety-to-aim devices were incorporated into manually detorated bombs as well to help ensure the safety of the volunteers planting them (personal interview with a law enforcement official, England, March 2004).

<sup>&</sup>lt;sup>18</sup> Centralized manufacturing of the devices allowed the security forces to build up information on individual bomb-makers based on the characteristics of their devices. (There states: "The devices used so far bear the stamp of being made by one man or under the supervision of one man" (Clover, 1978). Comments by interviewees suggested that this continued throughout the group's cateer.

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devices (Jenkins and Gersten, 2001, p. 19). This required additional learning by PIRA and led to another area of technological competition between it and the security forces, i.e., building in tamper-resistance or "booby trapping" devices to prevent bombs from being defused. The innovations reportedly included the use of light-sensitive devices in detonators (O'Ballance, 1981, p. 169) and electromagnetic traps that would set off the bomb if a metal detector was used to try to locate its hiding place (Geraghty, 2000, p. 208).

Building Expertise. PIRA's long operational history and the ability of its bombmakers to maintain their freedom and increase their expertise were critical to the organization's learning capability. "The mature terrorists, including for instance the leading bomb-makers, are usually sufficiently cunning to avoid arrest. They are continually learning from mistakes and developing their expertise. We can therefore expect to see increased professionalism and the greater exploitation of modern technology for terrorist purposes" (Glover, 1978). The ability of these individuals to operate in the comparative safety of the Republic of Ireland for a significant portion of the group's career was also important. Interviewees indicated that the group used testfiring ranges in the Republic and that there were frequent reports to local authorities of unexplained explosions in the middle of the night. It would only be much later that the crater that resulted from an experiment would be discovered in a remote forest or beach.10 Tests were also reportedly carried out in the border counties where security forces' control was weaker-"South Armagh's strategic position on the border and the formidable strength of armed republicanism there have meant that it has long been the place where new weapons and prototype bombs have been tested after being produced by the [PIRA]'s Dublin based engineering department" (Harnden, 2000, p. 19).

The organization also instituted processes to investigate failures, which enabled it to learn from its mistakes. Though not all such investigations produced results (O'Doherty, 1993, pp. 151–152), the learning processes were a route for the group to understand and adapt to security forces' changes and innovations (Collins and McGovern, 1998, pp. 162–163).

Measures of Learning in the Use of Explosives. A number of measures could be used to gauge group learning in explosives. PIRA successfully carried out several significant technological changes, adopting new detonation mechanisms and techniques. Smaller modifications in the construction of devices, such as the incorporation of safety devices into timing and power units over time, are also an indicator of

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<sup>19</sup> Personal interviews with former security forces members. England, March 2004.