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VAULT OF SECRETS

BIN-LADEN'S SUPPORT NETWORK EXPOSED

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Liquid Bomb Plot



MI6 DARK ARTS Psychological Warfare and Gaddafi

- Photography and Surveillance
- NSA Field Station Berlin
- Manchester Threats to Abbottabad
- Al-Qaida's Olympic Targets
- Iranian Spy Networks
- Chanticleer - Pennsylvania

MI5 - CIA TENSIONS REVEALED

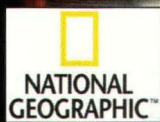
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SPECIAL FEATURE



LIQUID BOMB PLOT



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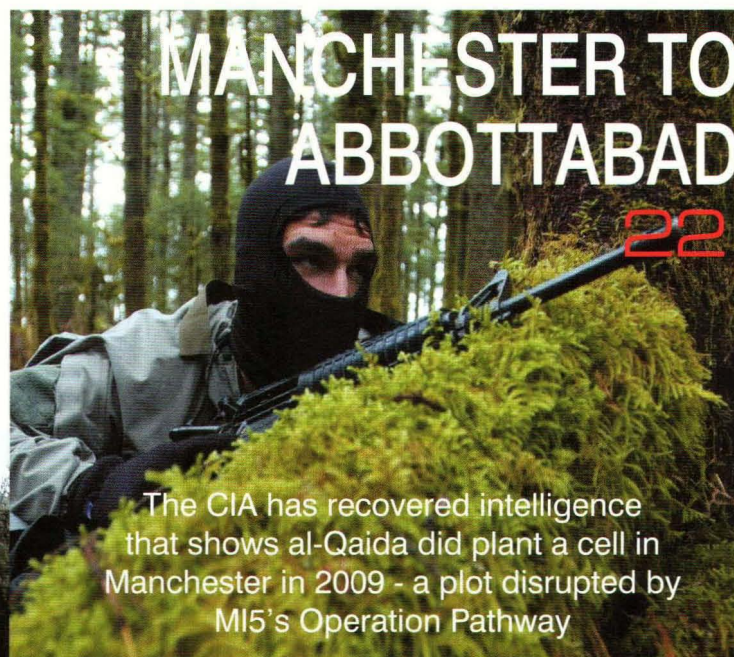
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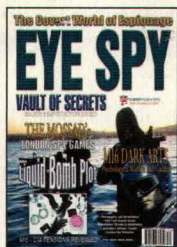


VAULT OF SECRETS

CIA ELECTRONIC INTELLIGENCE



EYE SPY



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US NAVY SEALS
NATIONAL GEOGRAPHIC CHANNEL

MAJOR CONTENT GUIDE

INTELLIGENCE HEROES

Eye Spy salutes three intel people who each in their own way were selfless in their devotion to duty

AL-QAIDA'S LONDON OLYMPIC TARGETS

A top secret report produced by some of the UK's leading security officials highlights the dangers to the 2012 Games

CAMP ARIFJAN AND IRAN SPY NETWORKS

The NSA via a series of intercepts has discovered Iran is endeavouring to establish spy networks across the world - this as Tehran claims it has broken a major CIA spy ring

NSA FIELD STATION - TEUFELSBERG

An examination of one of the Cold Wars greatest spy bases - the NSA Field Station in Berlin

THE MOSSAD'S KENSINGTON TROJAN

A new book claims that a Mossad 'hit team' was sent to London to assassinate a Syrian official. In the end, via a laptop computer, they discovered a secret Syrian nuclear plant - reason enough to allow their target to live

EYE SPY PRODUCT REVIEW

A review and special reader offer on a new one-touch high-quality covert pen recorder

CIA AND ELECTRONIC INTELLIGENCE

Kevin Coleman examines the intelligence provided for by Osama bin-Laden's computers, cell phones, flash drives and more that the CIA are currently analysing following the US Navy SEAL operation in Abbottabad

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In this feature surveillance authority Peter Jenkins looks at various camera lenses used by surveillance operators

SUNATRA DEPLOYED

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MI6 AND PSYCHOLOGICAL WARFARE

Britain's Secret Intelligence Service is engaged in a most unusual operation to unnerve Colonel Gaddafi

SELLING US SECRETS

How a US Navy man tried to make contact with Chinese Intelligence and sell American secrets

CELL PHONE ESPIONAGE

A major feature that reveals how it is now possible to intercept cell phone calls with hardware and a lot of know how. All the ruses and future technologies examined

MIND CONTROL - PART 11

Mike Finn continues his objective series and this time explores how electricity is relevant to mind control in the intelligence cycle

RUSE, COVER AND ACTION

David Hamer reveals the fascinating intelligence history of a magnificent house and gardens in Pennsylvania

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"The Chinese continue to devote considerable time and energy trying to steal sensitive technology on civilian and military projects"

Jonathan Evans
Director-General MI5



FIRST WORD



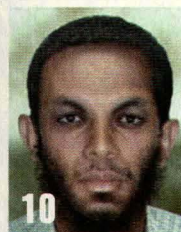
LONDON OLYMPICS 2012 | TALIBAN TALKS

There have been a number of counter-terrorist drills in and around the splendid new Olympic Games stadium and athletes village in London. Some exercises have been reported upon in the media - a good way to let the folks know al-Qaida and other terror groups will have a tough time breaching security. However, the real work is being carried out behind closed doors, 'underground' and overseas - a massive research programme to identify the coordinators and plotters - those persons MI5 and New Scotland Yard consider a genuine threat to the Games and national security. Some will be determined enough to travel to Britain, liaise with terror cells already embedded here, and take added risks simply to cause mayhem and civilian casualties. The death of Osama bin-Laden has undoubtedly increased the likelihood of an attack.

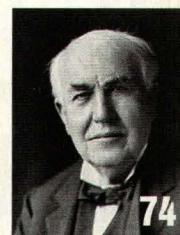
Already MI5 is monitoring several known terrorists who are shielding behind all sorts of legislation. It also doesn't help the situation knowing that several characters are due for release prior to the Games - some previously involved in airline shoe bomb plots and worse...

There has also been much debate of late about the US and UK talking to the Taliban in Afghanistan. I don't think for one moment this has anything to do with seeking a permanent ceasefire agreement. MI6 and the CIA are engaged in separating the Taliban from al-Qaida - a most difficult task considering intelligence analysts connected to Eye Spy tell me that the outfits are "joined at the hip," so to speak. Still, doing nothing is no longer an option.

Mark Birdsall, Managing Editor



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intelligence choice

It's been described as the biggest "treasure trove" of intelligence yet to be sourced from a single location. We are of course talking about the US Navy SEAL raid on Osama bin-Laden's house in Abbottabad. While bin-Laden certainly protected himself with added security from the Americans - who for a decade tried to locate him, he did little to shield his fellow terrorists in al-Qaida. This is because the intelligence gleaned from his computers, lap tops, cell phones, flash drives and other gadgets is leaving officials at Langley open-mouthed. One analyst told Eye Spy that it will take years to action the material already sourced. However, some leads are already being followed by the CIA. Arrests will follow, and we will probably never know where the intelligence that led to a future 'end game' came from - though we might hazard a guess.



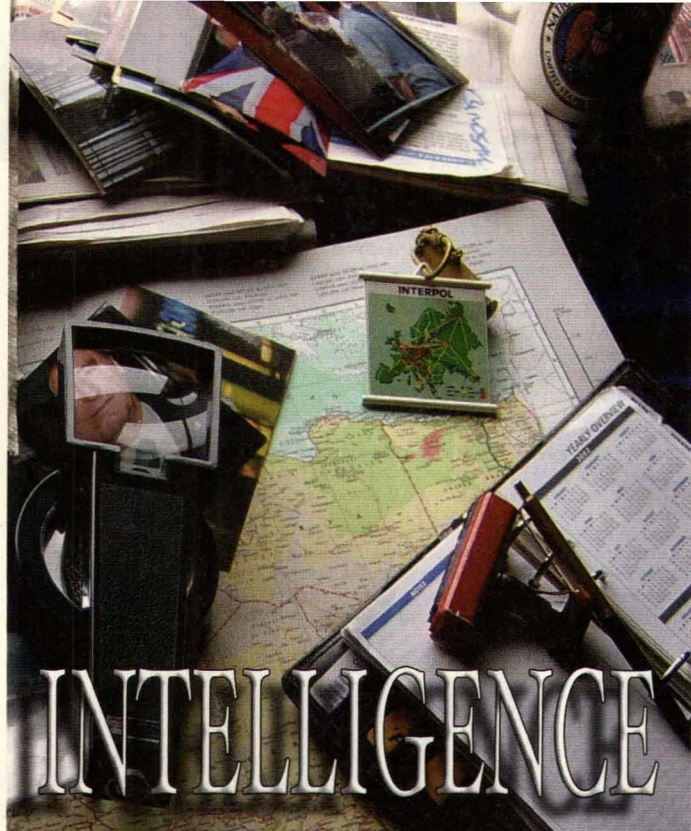
In this edition we have a few features that are relevant to the raid, but one in particular exposes a direct thread between events in and around Manchester in 2009 and AQ (Al-Qaida Central or bin-Laden) in Abbottabad. Fascinating material that suggests the terror group may have had a cell in the UK city for at least eight years - some unidentified members could still be in place. And there is a sidebar feature regarding an earlier ricin plot and the murder of a Manchester policeman by an AQ operative in 2003. Eye Spy believes all these case files could be connected by a single terror fixer...

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"The President's decisions are more aggressive and incur more risk than I was originally prepared to accept"

Admiral Mike Mullen on President Obama's decision to withdraw significant US armed forces from Afghanistan





INTELLIGENCE

Al-Qaida's New Terror Chi

There was much debate within al-Qaida's diminishing core about who should take Osama bin-Laden's place as head. A number of web sites linked to the group's 'media section' however, announced that Ayman al-Zawahiri, 60, was the new leader. Known in Langley as 'the warm-up man', because in early AQ video tapes he always appeared before

bin-Laden, al-Zawahiri has promised to avenge OBL's death and "reinvigorate" the group's followers.

The CIA, whilst recognising al-Zawahiri may not command the sort of respect his predecessor had, is concerned that he may try and "put on a spectacular" for his followers - this in the form of a significant terrorist attack. Already there has emerged a terrorist 'hit list' with the names of 40 senior American officials. Al-Zawahiri has urged that efforts should be undertaken to kill those on the list.

Washington has for years had in place a \$25 million reward for his capture, and senior intelligence figures have privately acknowledged serious efforts are underway to either arrest



UNIVERSITIES AND TERRORISTS

MI5 continues to seek out al-Qaida's hidden sleepers

UK security officials fear that al-Qaida's almost forgotten programme to place recruiters and future agents inside many of the country's universities and colleges, is growing apace. Extremism has been an on-going problem for those charged with tackling acts of Islamist radicalisation on Britain's campuses, and despite a major liaison programme between universities and MI5, al-Qaida and those who support its wider goals, are still operating.

Away from the UK, senior AQ terrorists are urging followers to use academic channels to secure study visas and college placements as a means of infiltration. With its new-found Internet prowess, chat room sites and so-called 'social



7/7 bomb leader Mohammad Sidique Khan launched his AQ career less than two years after leaving Leeds Metropolitan University

points' (including the menacing magazine 'Inspire'), those whose ambition it is to place terror cells in Britain are growing ever more ambitious and confident. And the focus is not necessarily just on the UK. America's FBI have a dedicated Desk examining the problem, and in Europe, the topic is high on the agenda of the intelligence services. Two years ago it was discovered that an al-Qaida operative had access to spent nuclear materials at a place of learning attached to a significant research establishment in Europe. This prompted the introduction of tough new security guidelines at university research laboratories. However, experts acknowledge the measures are not stringent enough to thwart a determined person or group.

In February, premier David Cameron identified several terrorists who were once British graduates. "We must stop extremists recruiting in publicly funded institutions like universities." This has prompted much discussion between various security services and universities.

MI5 has contact operatives in place in several universities, and a few years ago senior officials embarked upon an awareness programme to highlight the danger of AQ recruiters. However, little has changed, and if anything, according to Eye Spy sources, the problem has worsened. The Security Service has compiled a list of universities where



Prime Minister David Cameron

COURTESY: DOWNING STREET

convicted terrorists once studied - it makes grim reading for those who believe the problem is an illusion. On a positive note, MI5 has exposed cross-continent pipelines to several cities in the UK that al-Qaida have been used to 'place' operatives in universities and colleges.



2006 Trans-Atlantic bomb plotter Abdullah Ahmed Ali graduated from City University



FACT FILE: MI5 believes al-Qaida has a presence in as many as 40 UK universities and colleges

© EYE SPY

END GAME FOR RATKO MLADIC

Fugitive war crimes suspect Ratko Mladic was arrested on 26 May by Serbian security forces. The 69-year-old has been in hiding for the best part of 16 years and was wanted for questioning in connection to a massacre of up to 7,500 Muslim men and boys in Srebrenica in 1995.

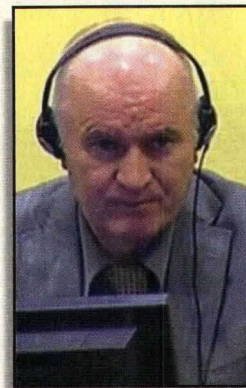


© EVSTAFIEV MIKHAIL

Mladic, the former Chief of Staff of the Bosnian-Serb Army, was found in the northern Serb village of Lazarevo (50 miles north of Belgrade) living under an assumed name. Intelligence sources state surveillance officers watched the location for two weeks to determine if indeed Mladic was in the village. A tip-off led police to the house of one 'Milorad Komodic' who turned out to be Mladic.

Three years ago Mladic's associate, Radovan Karadzic was detained. However, unlike Karadzic, Mladic did not use any sort of disguise to hide his identity.

Ratko Mladic. Circa 1993



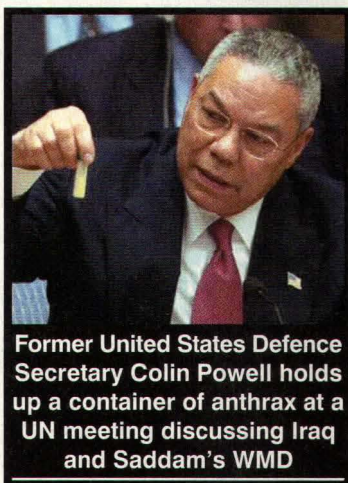
or kill al-Zawahiri. As for AQ's new chief, he appeared in a video made after bin-Laden's death and said: "The man who terrified America in life will continue to terrify it after his death."

DR KELLY CONSPIRACY THEORY

No inquest into death of MOD WMD scientist Dr David Kelly

Doctors who support the murder theory in respect of the death of Dr David Kelly, a leading weapons scientist who provided background intelligence and guidance on Britain's Iraq WMD dossier, have vowed to continue their "fight for justice". This after an expected decision not to investigate his case further was made.

Attorney General Dominic Grieve, spent nine months considering the case for a new inquiry, but in June he concluded there was "no reason to open up the 2003 case again." This effectively ended the possibility of an inquest which could have allowed the testimony of a number of medical professionals, including comment from the group of doctors who remain unconvinced Dr Kelly simply slashed his wrist in the countryside near to his Oxfordshire home.



Former United States Defence Secretary Colin Powell holds up a container of anthrax at a UN meeting discussing Iraq and Saddam's WMD

The likable scientist and former NATO WMD inspector, Dr Kelly, 59, suffered appalling treatment after he was named as the primary source of information that [he believed] was "misinterpreted" in the UK's Iraq WMD report. The phrase "sexed-up" used by the BBC in respect of his concerns, caused a major political and security row - with the ripples of controversy being received across the globe.

Mr Grieve summarised: "There is nothing I have seen that supports any allegation that Dr Kelly was

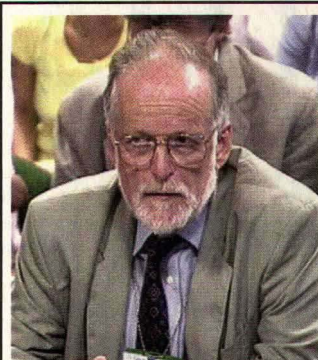
murdered or that his death was the subject of any kind of conspiracy or cover-up." That conspiracy was also fuelled by a note from the doctor prior to his death, that he believed "dark forces were at work."

One may be forgiven for thinking that this is the end of the matter, however, Eye Spy sources say the group of doctors who have campaigned for years for an inquest, will seek a judicial review of Mr Grieve's decision. Dr Stephen Frost, a lead voice in the group called Mr Grieve's verdict a "national disgrace" and said there was a "continuing cover-up."

Some of the questioning and reporting of the WMD affair back in 2003 was incredibly aggressive, and there seems little doubt this impacted on Dr Kelly and probably his mental state. Perhaps therefore the last word should go to his family. Dr Kelly's wife Janice, said "his life was made intolerable by the affair." She also said that those responsible for placing him under such intense pressure should "reflect long and hard about what happened."

SUSPICIOUS MEDICAL MINDS

On 21 January 2004, Dr Stephen Frost and a number of his colleagues wrote to Nicholas Gardiner, the Oxfordshire Coroner providing reasons why the inquest into Dr Kelly's death should be reopened. One line in particular sums-up the mood of the group: "We contend that the possibility Dr Kelly's death was murder dressed-up as suicide has not been sufficiently investigated..."



ROCKINGHAM CELL

In 2003, Eye Spy published a most controversial story on Operation Rockingham and Operation Mass Appeal. This magazine learned that the 'Rockingham Cell' was established within the Defence Intelligence Staff (DIS) of the Ministry of Defence in 1991. Amongst its various duties, it was reportedly charged with obtaining intelligence proving an active Iraq WMD programme was operating. This has been challenged.

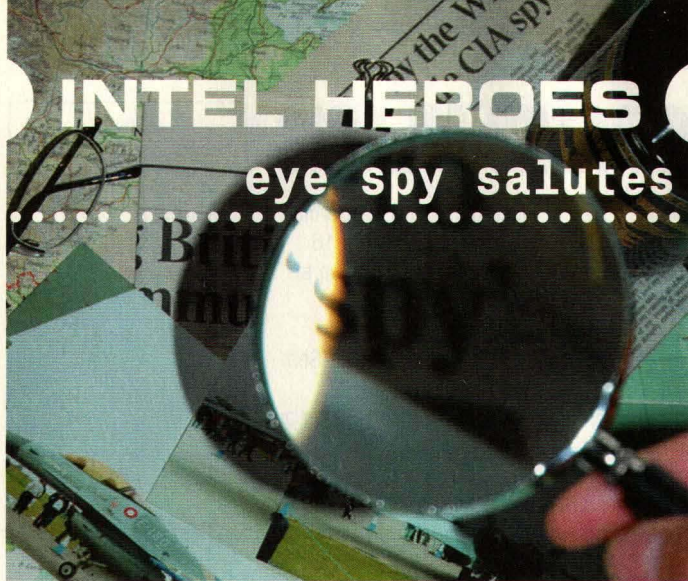
As far as we can ascertain, even in 2003, the time of Dr Kelly's death, Kelly was liaising with Rockingham - active still after 12 years. Rockingham was made up of various security and intelligence elements. There were allegations made that the Rockingham Cell "cherry-picked" intelligence which eventually found its way into the UK's controversial WMD dossier. These charges have been denied.

- For the full background to Rockingham and Mass Appeal, and its relevance to Dr David Kelly, see Eye Spy 23



Dominic Grieve

COURTESY: ATTORNEY GENERAL'S OFFICE



INTEL HEROES

eye spy salutes

three intelligence heroes

CODE-BREAKING LEGENDS

Eye Spy was recently invited to attend a London function where Bletchley Park (BP) Director Simon Greenish and some notable Trustees outlined exciting new redevelopment plans that will hopefully secure the future of this incredibly important intelligence site and museum forever.

Amongst an array of supporters at the event, Sir John Scarlett, the crafty MI6 spymaster who helped mastermind the defection of KGB Colonel Oleg Gordievsky; Sir Francis Richards, former GCHQ Director,

TRACER

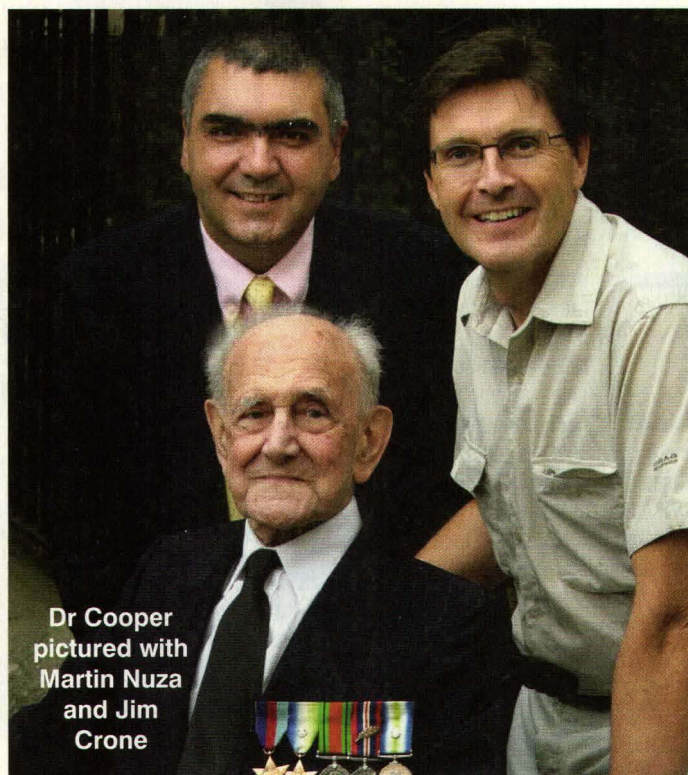
SILVER SCREEN TRIBUTE BECKONS FOR MI6-NAVAL INTELLIGENCE CONTACT MAN

It was with much sadness that we learned about the passing of a true war hero on 3 December 2010. Surgeon Lt. Commander Bruce Cooper, 96, featured twice in Eye Spy in respect of his daring role in Operation Tracer: the MI6 'stay behind mission' was planned in the event Germany overran the key strategic UK base on Gibraltar. Cooper and a small team agreed to hide themselves away in a purpose built cave on the Rock. Here they would monitor German shipping in the Strait and radio their observations back to London. It was in every way a suicide mission, for sooner or later they would have been observed, caught and almost certainly shot as British spies.

Cooper himself was recruited into the team in 1941 by Antarctic explorer George Murray Levick, the Admiralty's advisor on surviving in extreme weather conditions. Levick, of course, was the surgeon on Captain Scott's last expedition to Antarctica in 1911-12.

Tracer was called off in August 1943, when it was apparent the threat posed by Germany had lessened.

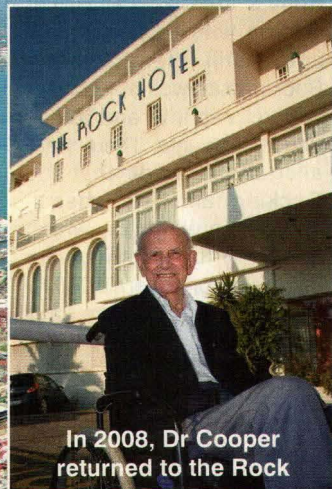
Cooper's exploits have been featured in the media and championed by his friends, family and colleagues, but now there is a very real possibility the little known British hero will become a household name. Discussions and preliminary research is being undertaken that may result in



Dr Cooper pictured with Martin Nuza and Jim Crone

Operation Tracer being made into a picture. Gibraltar-based Gold Productions Studios run by Martin Nuza, has got together with UK producer James Davidson to develop the story under the

working title of 'Tracer'. Eye Spy understands the highly respected Hollywood director Jim Isaac has



In 2008, Dr Cooper returned to the Rock



© JIM CRONE - www.discovergibraltar.com



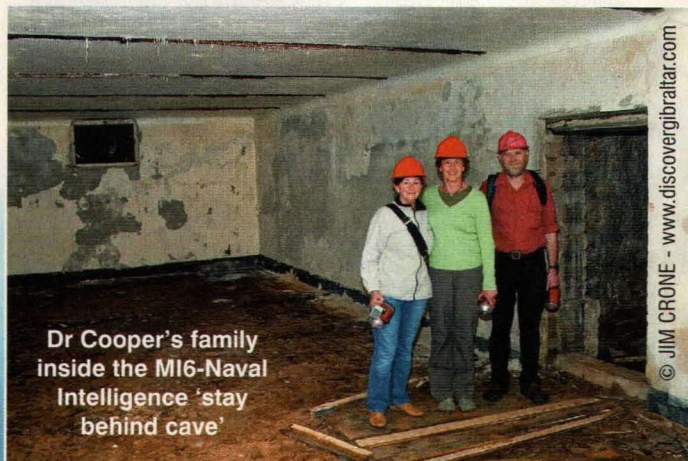
© EYE SPY



Jean Valentine and Jerry Roberts are flanked by BP Director Simon Greenish and Kelsey Griffin, Director of BP Operations

and naval intel contact man Lord West, the UK's most senior security minister. However, centre-stage - perhaps the two oldest codebreakers from the station's original wartime team, Jean Valentine and Captain Jerry Roberts.

Jean Valentine, born in 1924, joined the Royal Navy aged just 18. After a short while she was assigned to a secret project at Bletchley Park code-named Bombe. The Bombe was the brainchild of codebreaking



Dr Cooper's family inside the MI6-Naval Intelligence 'stay behind cave'

© JIM CRONE - www.discovergibraltar.com

It was in every way a suicide mission, for sooner or later they would have been observed, caught and almost certainly shot as British spies....



Rock of Gibraltar looking north
 © RED COAT

visited the British outpost to see for himself the tunnels and caves inside the Rock. Isaac has threads to Hollywood giant Kerner Studios (formerly Industrial Light and Magic), the prime mover behind several of the famous 'Star Wars' pictures.

Hopefully the film will be produced, thus Bruce Cooper's incredibly brave decision, and that of his colleagues during the country's darkest years, will be immortalised on the big screen! And as a passing note, Bruce revisited the MI6 site on the Rock in 2008... accompanied by his family.

The story of Operation Tracer and the intelligence unit was told in Eye Spy 47 and 59 in conjunction with the splendid research efforts of Jim Crone and

LINKS: www.tracerthemovie.com/

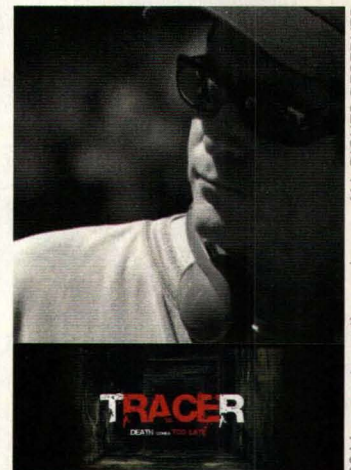
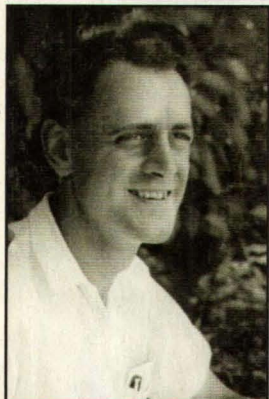


PHOTO COMPILATION: Top: Director Jim Issac; Centre: Producers Martin Nuza and James Davidson

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Bruce Cooper**Jean Valentine****Jerry Roberts**

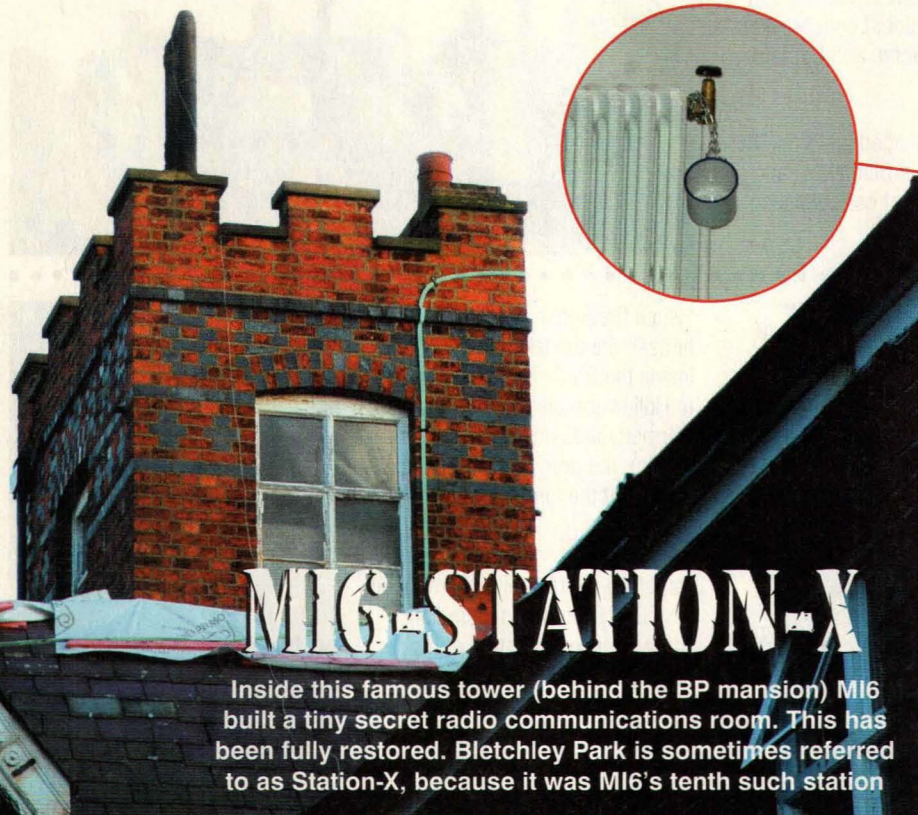
genius Alan Turing. Some 200 of these electro-mechanical machines were often operated by WRENS (Women's Royal Naval Service). Jean's longtime association with codebreaking had begun, and of course, today you can still find this charming lady at BP acting as a volunteer guide. For the record, Jean never mentioned to anyone her work as a codebreaker until the mid-1970s!

Jerry Roberts served at Bletchley Park from 1941 until the end of the war as a cryptographer and linguist. Prior to this, he did actually work with the secret Room 40 codebreaking outfit at the Admiralty in London. Today, Jerry is 91, and the last survivor of the specialist BP unit who worked on the ultra secret TUNNY cipher system.

Another guest who we had the pleasure of meeting, was Sir John Dermot Turing, nephew of Alan Turing.

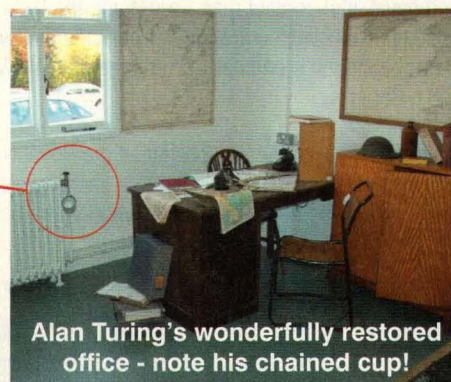
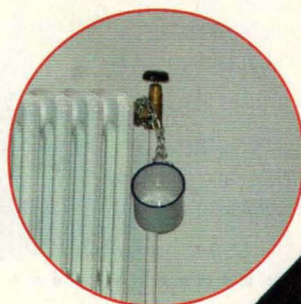
EDITOR'S NOTE: There is still a huge effort needed to restore the BP site to its former glory, especially many of the codebreaking huts and buildings. Eye Spy urges all its readers across the world to offer support to what is, a truly unique establishment, whose staffers such as Jean and Jerry helped shorten the war considerably by its interception and understanding of German secret signals and communications - thus of course saving millions of lives.

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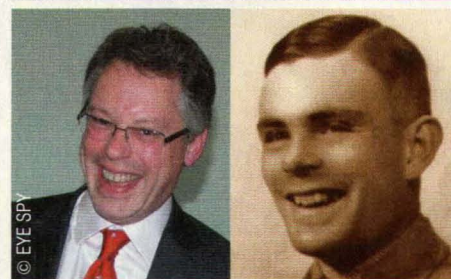


MI6-STATION-X

Inside this famous tower (behind the BP mansion) MI6 built a tiny secret radio communications room. This has been fully restored. Bletchley Park is sometimes referred to as Station-X, because it was MI6's tenth such station



Alan Turing's wonderfully restored office - note his chained cup!



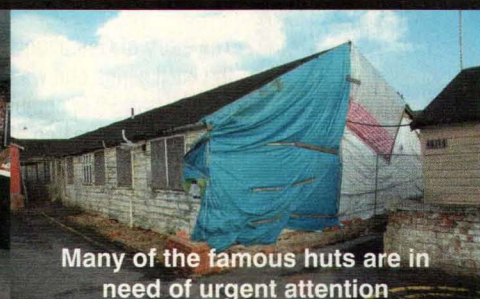
Sir John Dermot Turing nephew of the great Alan Turing

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LINKS: www.bletchleypark.org.uk/

The Bombe

© EYE SPY



Many of the famous huts are in need of urgent attention



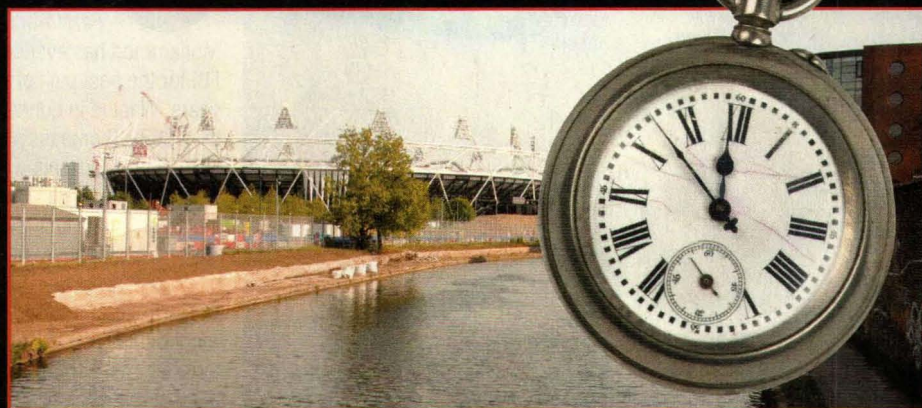
AL-QAIDA'S OWN COUNTDOWN TO: LONDON OLYMPIC TARGETS

MUNICH 1972 REVISITED AS SECURITY CONCERNS ELEVATED

A committee of senior intelligence, military and civilian officials established by the government to oversee security at the 2012 London Olympic Games, has been warned that al-Qaida will make a "concerted effort" to attack the event. This follows increased 'chatter' about the Games, and an internal warning from MI6 based on direct intelligence gleaned from a number of reliable sources. MI5 also recognises that hundreds of thousands of visitors will travel to the UK for the event, heaping pressure on those charged with border security.

Various UK security elements, including the SAS and SRR (Special Reconnaissance Regiment), have already participated in a major counter-terrorist exercise also involving New Scotland Yard's Counter-terrorism Command (CTC) and MI5. A major drill was also recently performed at the Olympic Village. This involved soldiers from the SAS and SBS who are tasked with providing security in the context of an 'immediate response'. There is real fear that al-Qaida will try and emulate the Black September terrorist attack carried out at the 1972 Munich Olympic Games, resulting in the deaths of several Israeli athletes.

Just as relevant is an MI5 advisory noting several jailed al-Qaida henchmen may be freed prior to the Games, including over a dozen



© SNAPPERJACK OF LONDON

who trained in Afghanistan with some of the world's most notorious terrorists. Those set for freedom include airline shoe bomber - Saajid Badat. He lost his nerve at the last moment. Kazi Nurur Rehman - jailed in 2006 for trying to buy a surface-to-air missile to bring down an airliner. The list is most unnerving and the skills of some of the operatives 'impressive'.

Eye Spy has learned that beside the obvious stadia targets, MI5's counter-terrorist directo-

rate is deeply worried about large gatherings of people who will watch the event on giant screens erected in Hyde Park and elsewhere in the country.

For obvious reasons the editors of Eye Spy are unwilling to digest the full range of counter-measures that will be engaged for the Games, suffice it to say what is being prepared will amount to the biggest security and surveillance operation ever in the UK.

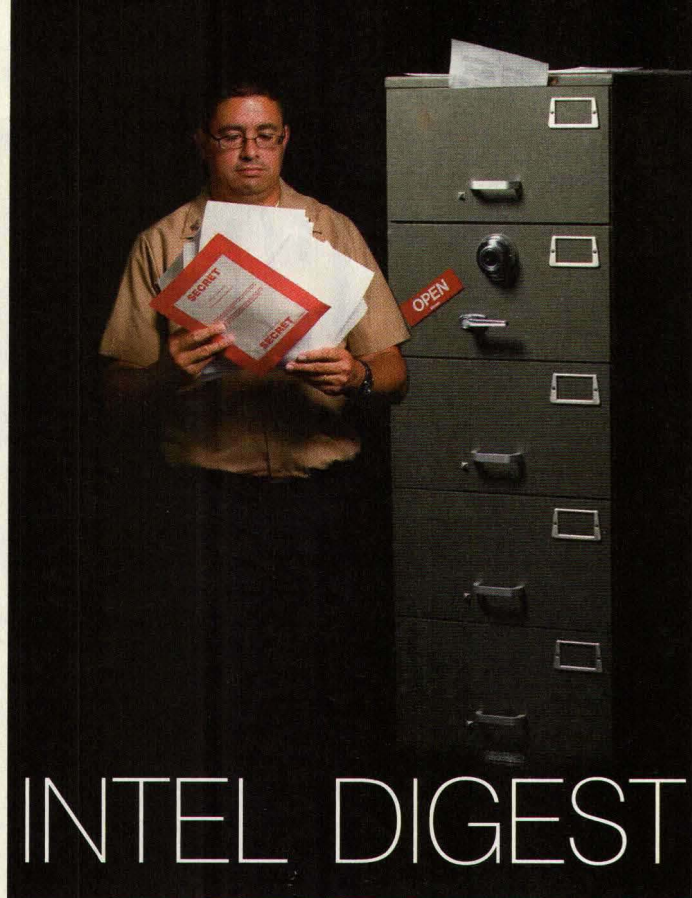


Qaisar Shaffi (left) lieutenant of Dhiren Barot - linked to a 'dirty bomb' plot. Saajid Badat - two of around 20 AQ operatives who may be freed prior to the London Olympic Games

COMBINED FORCES LAUNCH SPECIALIST COMMAND



COUNTDOWN CLOCK TRAFALGAR SQUARE



INTEL DIGEST

FBI AND THE THIRD MAN

Paid informant helps thwart US terror plotters

Two suspected al-Qaida operatives have been charged with plotting to attack a US armed forces recruiting post in Seattle (MEPS - Military Entrance Processing Station). Abu Khalid Abdul-Latif (real name Joseph Davis), 33, from Seattle, and Walli Mughaidh from Los Angeles, were arrested following a tip-off from a person the men tried to recruit.



The FBI has been monitoring around 100 suspected AQ cells in the country, and are convinced the men were determined to strike with automatic weapons and lethal fragmentation hand grenades. US military recruiting stations across the country, and in particular in major cities, have been surveilled by al-Qaida operatives in the past, and are recognised as primary targets by the terror group.

The plot was disrupted after the third man, who was asked to secure the weaponry, decided instead to cooperate with the authorities. He explained Latif had noted the success of the lone AQ gun man (US Army Major Nidal Malik Hasan) who caused mayhem at Fort Hood in 2009. This attack, orchestrated and supported by the notorious AQ communications and propaganda chief Anwar al-Awlaki, left 13 service and civilians dead. Latif, like Hasan, was heavily influenced by the ramblings and twisted commentary of al-Awlaki, indeed, FBI intel

Anwar al-Awlaki - the US terror plotters may well have been in touch with the AQ propaganda chief

End of the African US Embassy bomber shot dead

One of America's most wanted terrorists has been shot dead by Somali security forces. Fazul Abdullah

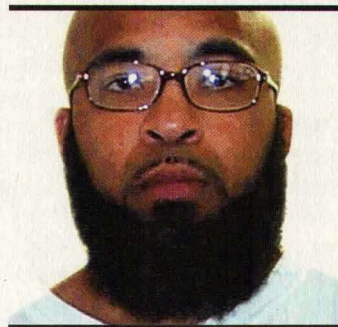
Mohammed has evaded the CIA and FBI for the best part of thirteen years. Wanted in connection with the 1998 US embassy bombings in Nairobi and Tanzania which left 224 people dead, Mohammed was an incredibly important 'cog' in the al-Qaida wheel that operates in Africa.

Besides the African bombings, Mohammed was involved in a terrorist attack that left 13 people dead at a beach resort in Kikambala, Kenya, and was the

driving force behind a plot to shoot down an El Al airliner, also in Kenya.

In 2007, he survived a CIA Predator strike in Somalia, before linking up with terrorists from the al-Qaida franchise outfit known as Al-Shabab. At present, this group is engaged in a bitter battle with government forces and troops of the African Union of Nations.

Mohammed, who had a \$5m bounty on his head, was stopped on 8 June at a checkpoint in Mogadishu - the Somali capital, after failing to stop when challenged. On his person, police recovered documents and travel papers, \$40,000 in cash and a false



Abu Khalid Abdul-Latif

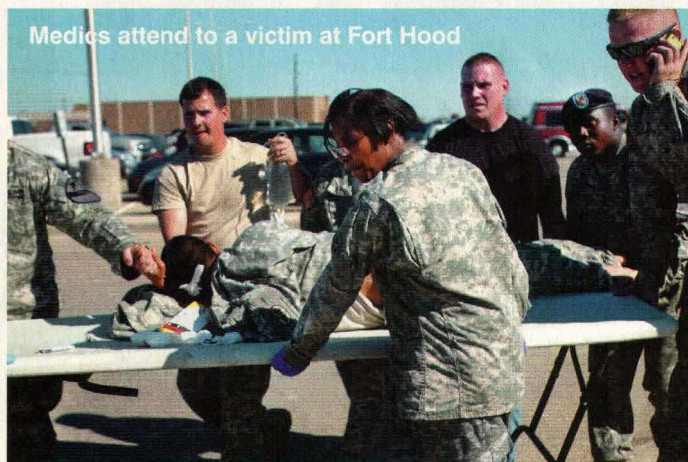
operation to obtain the necessary evidence to charge the men. Surveillance tapes - both audio and visual were secured.

Eye Spy understands that the primary target was the Joint Base of Lewis-McChord, but this was regarded as too secure. The men then decided to focus their attention on a military recruiting centre about three miles south of Seattle city

analysts have found several Internet postings made by Latif praising al-Awlaki.

According to Eye Spy sources, the men had planned the operation, which should have taken place on 5 July, because they were unhappy at the US presence in Afghanistan. It was their intention to detonate the grenades in a cafe within the recruitment post, thus causing maximum carnage.

Once provided with the intelligence, the FBI and Seattle counter-terrorist police launched an undercover



Medics attend to a victim at Fort Hood

COURTESY: DOD/FORT HOOD

'Courier' at check point

**FAZUL ABDULLAH
MOHAMMED**



Multimedia: Images

passport bearing the name 'Daniel Robinson'. It was but one of at least a dozen aliases used by the terrorist. Cell phones and at least one laptop computer containing a plethora of useful intelligence were also recovered. Another person identified as Mohammed Dere of Kenya was also shot. At the time, the police had no idea who they had shot. The



Walli Mujahidh

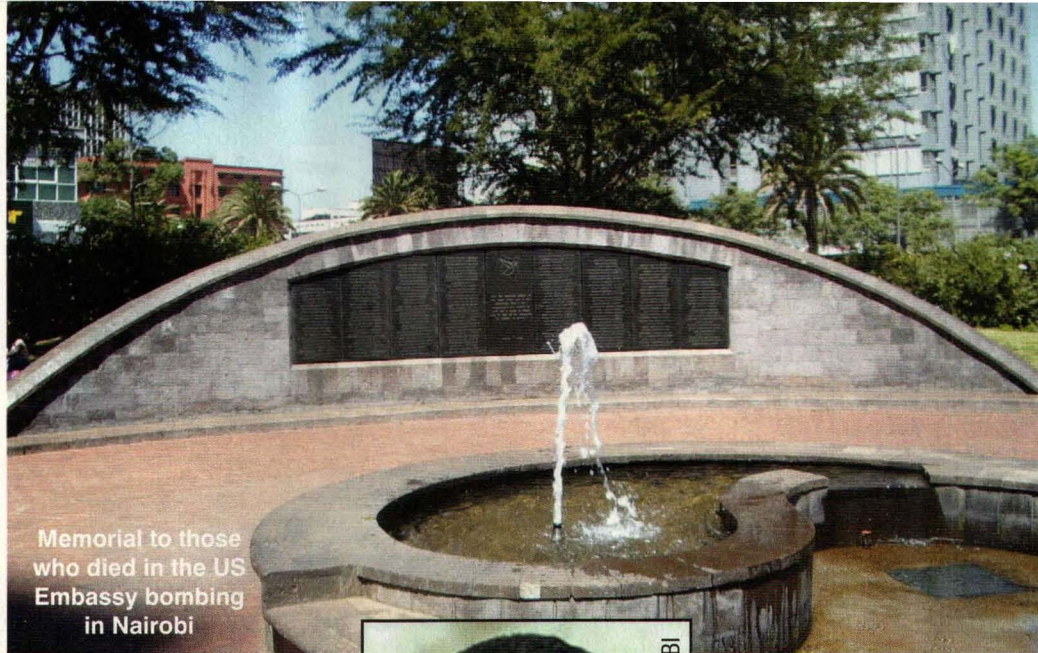
centre. Regarded as a relative 'soft target', Latif in one recording said he wanted to kill military personnel not civilians. "This is justifiable," he said.

The third man, now under Bureau control, was handed \$800 to buy the weaponry and a bus ticket so he could travel from his residence in Los Angeles to participate in the attack.



**US Army Major
Nidal Malik Hasan**

COURTESY: FBI/US ARMY



**Memorial to those
who died in the US
Embassy bombing
in Nairobi**

bodies were taken away by a Somali National Security Agency unit - a spokesman later confirming it was Fazul Abdullah Mohammed. However, there was some debate, amongst officials of the AU force. A comment was made that the body did not resemble the image that for years had appeared on the FBI's 'most wanted' web page. However, Eye Spy sources in Washington have confirmed that Mohammed is dead by way of DNA profiling.

Though initially regarded as a "peripheral player" in the embassy



COURTESY: FBI

**Age-enhanced photo of
Fazul Abdullah Mohammed**

attacks, it was later discovered Mohammed acted as a bomb courier. Interestingly, he was also present at the shooting down of US helicopters and the killing of 18 Special Forces troops in October 1993 in Somalia (the incident portrayed in the picture - *Black Hawk Down*). This makes him one of al-Qaida's longest serving terrorists.

Few doubt that this is a significant blow to al-Qaida, coming so soon as it did after the death of Osama bin-Laden.

© ZWEIFEL

Beware A National Bioterrorist Attack

It's the nightmare scenario that senior security officials around the world fear - a biological terrorist attack. Intelligence originating from MI6 sources suggests a number of high-level meetings have taken place in London, Washington and elsewhere, that al-Qaida could again turn to its 'science arm' to help prepare an unimaginable attack - one that would lead to mass casualties.

Security advisors armed in the knowledge that a plot exists to strike at NATO troops' food supplies in Afghanistan, say an emerging bioterrorist attack against the UK's food and drinks industry is not without foundation.

Eye Spy understands that a letter from the Centre for the Protection of National Infrastructure (CPNI) was forwarded to manufacturers and suppliers in response to the recent deadly E.coli outbreak in Germany. Attached a reference to the possibility that extremist groups



COURTESY: ISAF/NATO

NATO troops in Afghanistan offload food supplies from a convoy

could embark upon an operation to poison food and drinks - a scenario which hardly needs debate.

- Al-Qaida has long envisaged striking entire nations with biological weapons. Several plots have been thwarted in Italy, Germany, France, Britain and elsewhere whereby terrorists have sought to use toxins, chemicals and poisons such as ricin

and cyanide. When al-Qaida was defeated in Afghanistan in 2002, the CIA discovered an entire site dedicated to manufacturing biological weapons. Similarly, and still not released in full, the Agency recovered a frightening manual which explained the production of such weapons - their distribution and... use against civilians.

CAMP ARIFJAN AND IRANIAN



SPY NETWORKS

Intercepted communications connected to Iran's response to the 2010 Stuxnet cyber attack against its nuclear programme, have inadvertently provided the CIA with valuable intelligence. This ultimately exposed a major attempt by Iran's Revolutionary Guards Corps to establish a powerful overseas spy network akin to that operated by a number of Western nations...

In late March, a Kuwait criminal court sentenced three suspected spies (including two Iranian nationals) to death for espionage. Kuwait's intelligence service believe the operatives, all serving in some capacity in the country's armed forces, had links to a Tehran controller and were intent on gathering intelligence on US military installations based in the country. However, sources believe the operation was multi-faceted and the network could also have been inserted in programmes already running and aimed at destabilising Kuwait. Either way, once embedded, the group comprising of about 10 operatives, would have provided invaluable assistance to Iran in future years.



CIA tracking Iranian spies as Tehran seeks to build worldwide spy network



Kuwait military contract workers ready US Army Stryker land vehicles at Camp Arifjan. The huge facility has reportedly been targeted by undercover Iranian agents

Part of a larger network arrested last May, the men were allegedly intent on gathering intelligence on American logistics, aircraft, naval and troop placements and UAV operations. These are mainly centred at the enormous US facility known as Camp Arifjan in southern Kuwait. It is understood counter-surveillance operatives and electronic communication interception exposed the operatives. A "retrieved" covert signal to an Iranian diplomat may have confirmed Kuwait's suspicion.

Since 2009, the CIA has launched numerous counter-intelligence operations against Iran's pro-active spies in the Middle East and elsewhere, and the Agency continues to identify many suspected spy networks. This was reflected in 2010, when a joint MI6-CIA operation identified and disrupted an Iranian weapons and explosives pipeline to al-Qaida and Taliban terrorists in Afghanistan. Iranian Intelligence has itself placed a good few agents in Afghanistan and is providing covert assistance to AQ.

There is also real belief in Langley that Iran has received "external assistance" in helping to develop its spying ability. Some analysts

RUSSIAN PRESIDENTIAL OFFICE



Presidents Mahmoud Ahmadinejad and Russia's Dmitry Medvedev. The CIA suspects Iran's intelligence agencies have been given "guidance" by former Russian intelligence officers

Tehran gambles with launch of intricate disruption operation

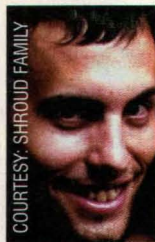
IRAN AND COUNTER-ESPIONAGE

Intel watchers believe US spy case is simply flawed and creation of Iran's propaganda chief

On 31 July 2009, three Americans, Sarah Shourd, Shane Bauer and John Fattal, were detained by Iranian troops as they hiked on the Iraq-Iran border. There followed a number of reports in the Iranian media that the group were "American spies". However, to date there has been no satisfactory explanation why the men at least, are still being held.

Sarah Shourd was released on £300,000 bail last September, but her colleagues remain behind bars in appalling conditions in Iran's notorious Evin Prison.

Former boxing great Muhammad Ali has joined a prominent group of US Muslims in appealing for the release of Bauer and Fattal.



Shane Bauer



John Fattal



Sarah Shourd

Intelligence chief Heidar Moslehi, claims his spy service discovered the operatives, who were working in various fields (including unemployed persons seeking jobs), before they had time to "do much damage." In an indepth release of information in Iran itself, several of the agents explained how they had been recruited, including nuclear worker Jamshid Sadegh Hosseini. He claimed someone from a recruitment agency identified only as ICTR called him on his cell phone and asked to meet (Iran says the ICTR is a CIA front).

SEVEN ALLEGED CIA FRONT COMPANIES

Tehran has also named seven companies it claims are CIA front companies - and that all the firms use CIA-built web sites. The sites are: Hobertson Advisors, Technical Hiring, Engineer One Inc, Deon Capital, Nuevera International, Waldmiller Group and Marketing Research Association.

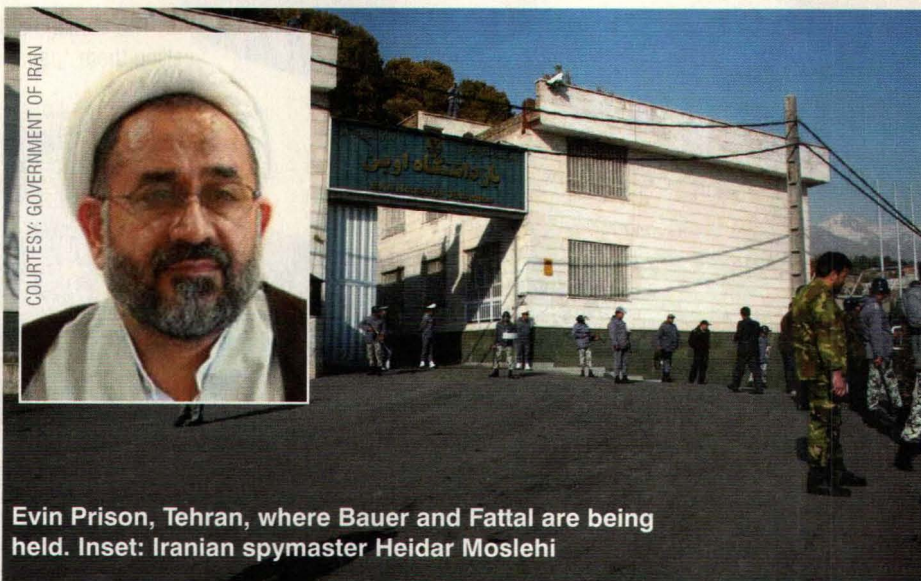
Besides the 30 persons arrested, Iran also claims it has secured valuable intelligence on another 42 CIA foreign-based operatives.

NUCLEAR SPY RING RUSE

The hikers case, whilst extremely serious for Bauer and Fattal, pales compared to that of 30 individuals who were purportedly arrested in May as part of a country-wide counter-espionage operation targeting a CIA spy network in Iran. Langley's recruiters were supposedly seeking to obtain the services of many individuals attached to Iran's nuclear programme.

The claims are not credible, according to Eye Spy sources. Indeed, it is widely believed that planning for the ruse, intended to embarrass the CIA, began in 2010. Eye Spy understands that a number of people who have been interviewed may well be actors. However, the case has caught the imagination of the Iranian public.

Editor's Note: It will be very interesting to examine the court cases of the individuals mentioned by Iran's state-run media. I suspect many will be 'state players'.



Evin Prison, Tehran, where Bauer and Fattal are being held. Inset: Iranian spymaster Heidar Moslehi

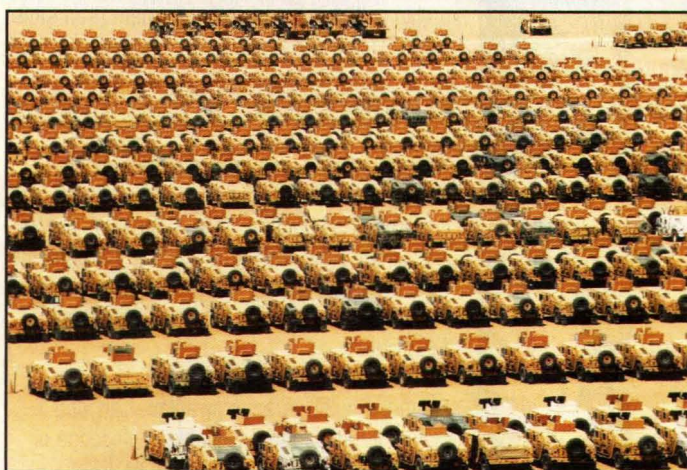
© EHSAN IRAN

Like most foreign intelligence services, Iran uses its overseas embassies to direct operations and gather intelligence from various sources, including agents. Tehran has infiltrated various asylum-seeking support groups in an effort to embed its operatives into foreign countries. The Norwegian Intelligence Service (NIS) is aware of Iranian efforts to establish a fully functional spy network in the country via its diplomatic mission



Iranian Embassy, Oslo

© KJETIL REE



This remarkable photograph shows hundreds of specialist vehicles, including ambush and mine protected Humvees at Camp Arifjan

suspect former intelligence officers from behind the now defunct Iron Curtain may have provided training and guidance. However, Tehran has always operated a very professional spy network forged from the remnants of the Shah's CIA-trained intelligence services.

IRANIAN REVOLUTIONARY GUARD TARGETS

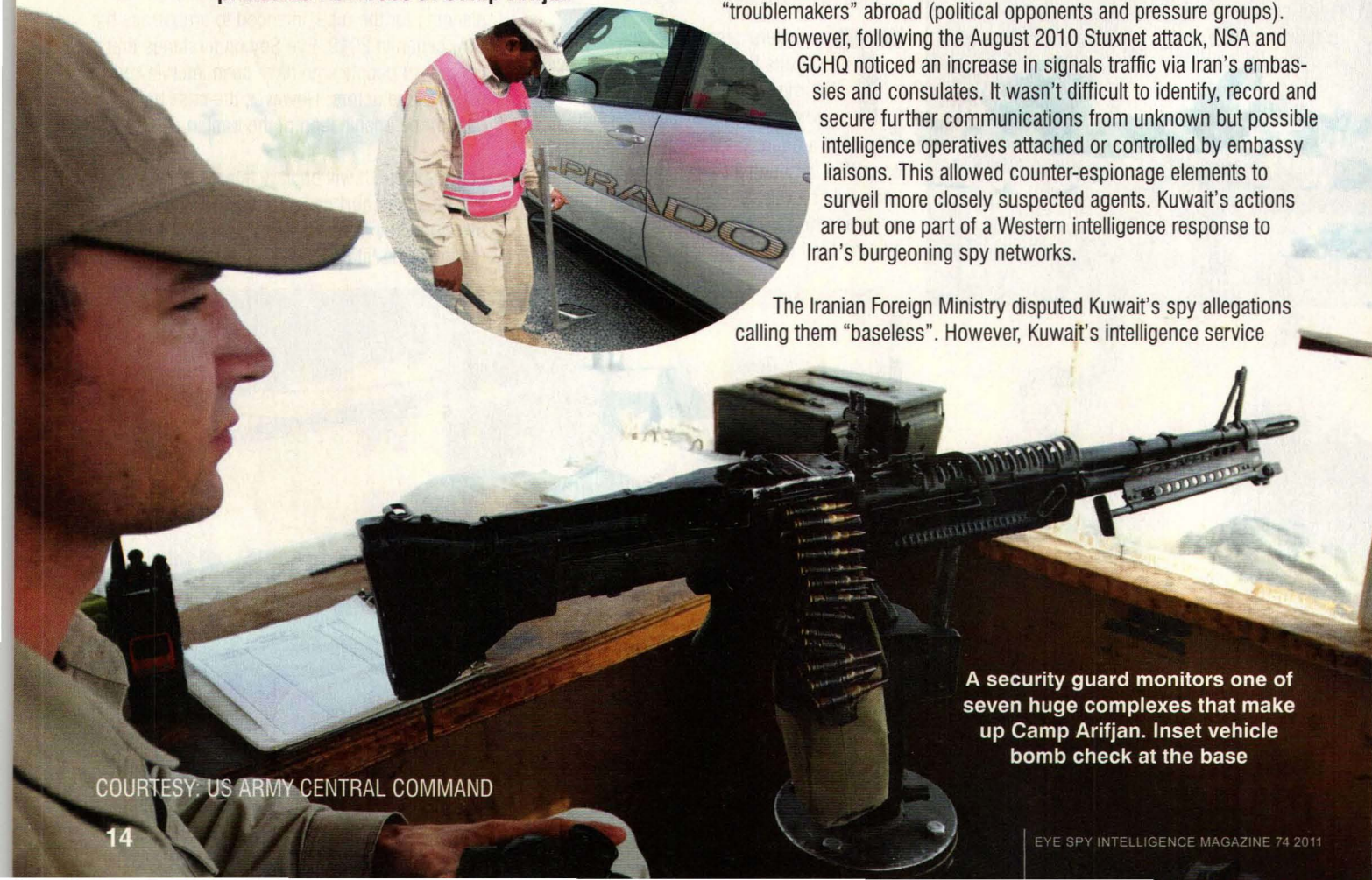
CIA analysts believe a decision was taken in 2008 by Iran's Revolutionary Guards Corps to enhance its overseas spy networks. This followed the early signs of political unrest at home. The RGC trains and operates many of the country's agents and invites selected overseas nationals to become more active in their "reporting". To fulfil this objective, this meant placing senior diplomatic operatives in various countries and developing existing networks. One objective was to identify so-called "troublemakers" abroad (political opponents and pressure groups).

However, following the August 2010 Stuxnet attack, NSA and GCHQ noticed an increase in signals traffic via Iran's embassies and consulates. It wasn't difficult to identify, record and secure further communications from unknown but possible intelligence operatives attached or controlled by embassy liaisons. This allowed counter-espionage elements to surveil more closely suspected agents. Kuwait's actions are but one part of a Western intelligence response to Iran's burgeoning spy networks.

The Iranian Foreign Ministry disputed Kuwait's spy allegations calling them "baseless". However, Kuwait's intelligence service



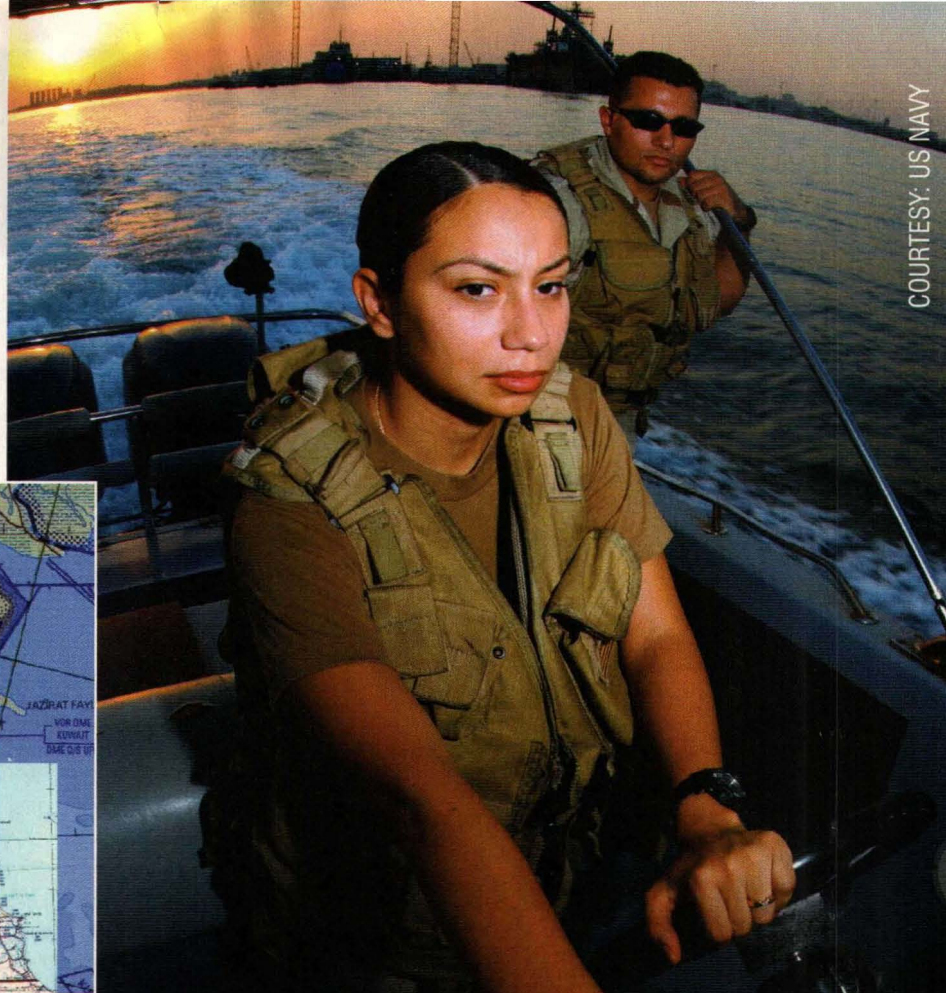
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A security guard monitors one of seven huge complexes that make up Camp Arifjan. Inset vehicle bomb check at the base

COURTESY: US ARMY CENTRAL COMMAND

According to Eye Spy sources, central to the Iranian spy network exposed by Kuwait's intelligence service is Ali Ramadan bin Carey. He reportedly served with Kuwait's Navy Force at the Mohammad Al-Ahmad Navy Base for 30 years. He was allegedly expelled and lost his "end of service" payments. Bin Carey was supposedly one of the "key elements" of the spy network, and may have escaped from Kuwait on a vessel bound for Iran.



COURTESY: US NAVY



Besides the huge base at Camp Arifjan, the United States has several incredibly important military sites situated throughout the Middle East. The US Central Command has its most forward headquarters in Qatar and the enormous US Navy Fifth Fleet is anchored in Bahrain. Photo shows a security patrol shielding warships at Manama, Bahrain

SECRET AGENDA OF THE AGENT PROVOCATEURS

A secret US report on Iran's expanding spy network has been prepared in order to formulate a response and counter Tehran's perceived meddling in the Middle East. Besides Kuwait and Bahrain being targeted by Iran's agent provocateurs, the CIA has identified Iranian spy networks in Afghanistan, Iraq, Lebanon and Yemen. Tehran's intelligence services run by the Revolutionary Guard Corps under the auspices of its Ministry of Security is also expanding into parts of North Africa. The CIA estimate that as many as 2,000 Iranians working in various capacities in the Middle East are on the payroll of its spy agency.

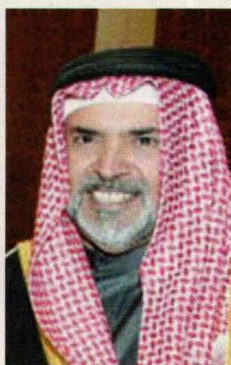
Analysts believe recent events in the Middle East have offered excellent cover for Iran as it seeks to attach itself to new political movements and organisations and infiltrate others. Ultimately it has even more grandeur plans and will almost certainly try and destabilise powerful nations such as Saudi Arabia. Also

in its sights are various disputed UAE islands and regions. If Iranian troops are deployed, the CIA believes they would be very difficult to remove.

A police dossier generated by a Middle East force states Iranian agents have purposely "eliminated" some demonstrators in Bahrain to create an atmosphere of fear. One analyst told Eye Spy that some Iranian intelligence officials want to use the incidents as an excuse to send troops to various trouble spots... including Bahrain. This may or may not have been the reason why some 500 Saudi Arabian security troops were deployed in Bahrain as part of a wider Peninsula Shield Force (PSF).

However, the CIA believes Tehran's secret agenda may implode from within, as ordinary Iranians question the direction which its leadership is taking.

© GOVERNMENT OF KUWAIT



forwarded a concise document that prompted Khalid Suliman Al-Jarallah (left), the country's Under Secretary, Ministry of Foreign Affairs, to summon Iran's Charge d'Affaires.

Mr Al-Jarallah said Iran had "crossed the red line."

AGENT RECRUITMENT IN NORWAY?

In Norway, another Iranian spy network based at Tehran's embassy in Oslo, was reportedly exposed after an Iranian asylum seeker said he was asked to spy on political opponents of President Mahmoud Ahmadinejad. The whistleblower said agents were being recruited from Iranian communities around the world in return for money. The anonymous informant claimed the Iranian Embassy in Norway had offered to pay for his legal fees in return for his "services".

Eye Spy understands British officials have warned a number of friendly Arabic nations, that Iran's intelligence service is intent on causing disruption in the wider Middle East. Undoubtedly, there are Iranian intel elements in Bahrain seeking to take advantage of the recent unrest; they may even have been central to some of the disturbances.

EYES AND EARS WORLDWATCH



A SPECIAL REPORT

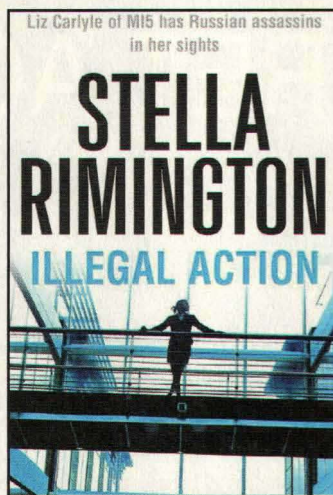


GREAT BRITAIN

The Spies Who Wrote Me

"She went to the bedroom where two computer bags sat in the corner, and carried them both to the pine desk in the sitting room. One bag held a small black machine that resembled a sleek sort of CD player; the other was a laptop computer. Connecting the two with a USB cable, she pressed a button on the black machine, and watched as it transferred to the laptop data that it had recorded in her absence. On the computer she then ran a software routine that filled the screen with numbers."

That fascinating piece was taken from Dame Stella Rimington's novel *'Illegal Action'* and describes a Russian agent receiving a message from her handlers. Dame Stella, of course, was Director-General of MI5 from 1992 to 1996 and upon leaving the Service, has written one autobiography and published five novels, with a sixth soon to be with us in July 2011, part of the *'Liz Carlyle'* series.

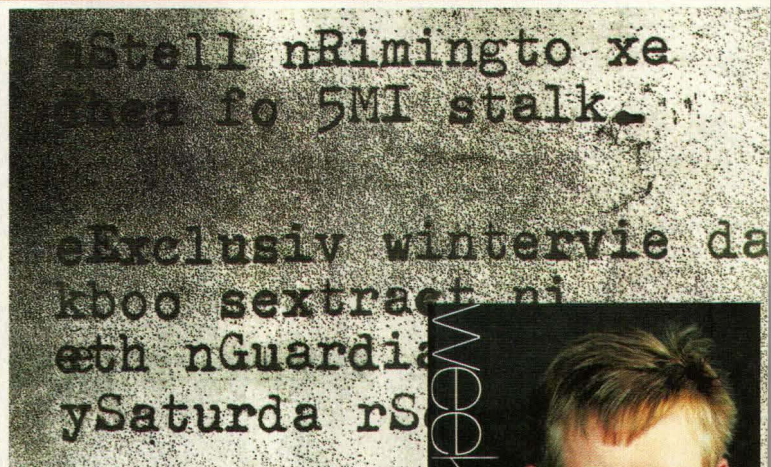


Carlyle is an intelligence officer and not surprisingly female, given the author's own experiences. But exactly how much tradecraft and intel knowledge has Dame Stella included in her interesting and entertaining pieces of fiction?

Peter Wright published his candid autobiography with its convincing testimony and deeply shocking "first hand description of illegality and incompetence within the

winning a copy. Strangely, Timothy Dalton who had just been depicted in Fleming's James Bond movie of the time was shown on the front page of the newspaper returning from New York with a copy of Wright's *Spycatcher* tucked under his arm.

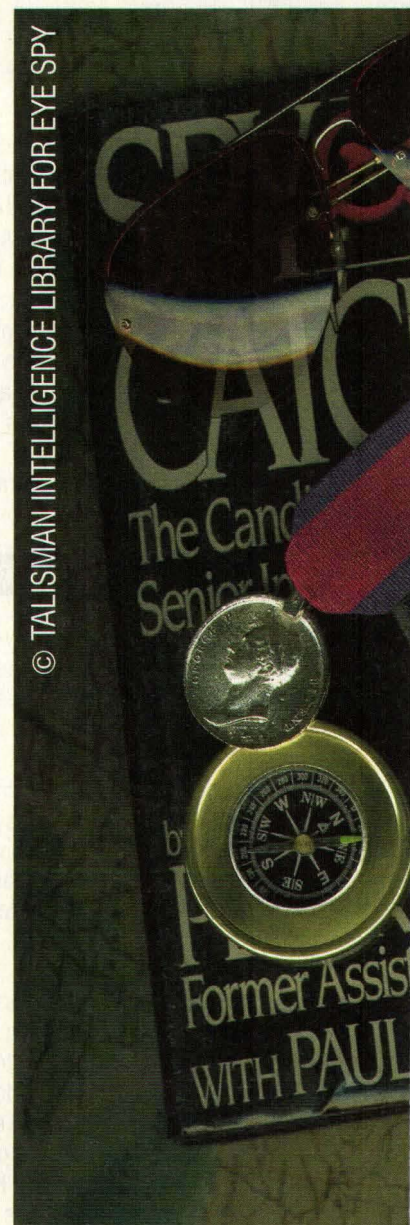
The British Government, in its drive to keep *Spycatcher* off the shelves in Britain spent mega-money in a court action only to lose the case and to supply its writer with second-to-none publicity. But, Peter Wright was not the first. Jock Kane who had served at Britain's Hong Kong-based signal interception facility at Little Sai Wan wrote a book in 1980 that alleged the penetration of Little Sai Wan by hostile agents: *'GCHQ: The Negative Asset'*. However the government of the day stepped in and suppressed the publication. Despite an injunction preventing the publication of the manuscript, apparently by Random House, along with the rumour the manuscript had been

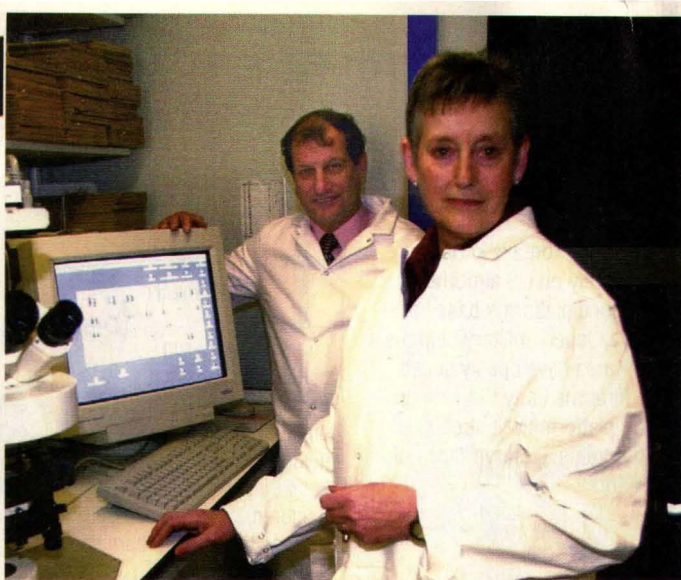


2001 - TALKING IN CODE:
Stella Rimington's first venture into spy writing - *Open Secret* - was met with surprise by both the media and the intelligence world. This graphic from a Guardian newspaper exclusive says it all...

Security Service" in 1987 (*Spycatcher*). When the story first reached our news media my wife retorted, "You'll be wanting a copy of that then?" The answer, a succinct "Yes" was followed by my entering a competition in *The Sunday Times* and successfully

© TALISMAN INTELLIGENCE LIBRARY FOR EYE SPY





Stella Rimington was the first female MI5 Director-General, and very comfortable about being photographed. Here she attends a cancer laboratory

seized by Special Branch officers, Mr Foulkes, then MP for Carrick, Cumnock and Doon Valley*, fielded a question in Parliament directed at the Attorney-General

to ask if he would prosecute Mr Jock Kane under the Official Secrets Act following the preparation by him of the manuscript for his proposed book.



'The Big Breach: From Top Secret to Maximum Security' by Richard Tomlinson [an ex MI6 officer] was published in Russia in 2001. That caused government ructions too as it gave away apparent MI6 secrets to the reader and anyone else with a need to know. And more recent court action occurred with *'The Terrorist Hunter'* penned by former New Scotland Yard Assistant Commissioner Andy Hayman and Margaret Gilmore. The book was actually removed from shelves due to the damage some thought it would incur.

Even two accounts of a fated patrol behind the Iraqi lines *'Bravo Two Zero'* and *'The One that got Away'* written by SAS personnel on the patrol caused uproar. It is perhaps right to state that Andy McNab is a *nom de plum*. [Chris Ryan's *'The One that got Away'* and Andy McNab's follow up, *'Immediate Action'* were of great interest to me since they both covered a training exercise set in the grounds of a defunct South

"...once again a legal battle has been launched against another former member of the security services, believed to be MI5, to prevent the publishing of some possibly embarrassing facts..."



Those who monitor books written by former members of the UK security services and armed forces have noticed a marked increase in the number of titles being submitted

London Mental Hospital that Ryan, McNab and myself had participated in].

Concerning the previous titles that have been published, some of the authors have suffered legal action whilst others have not. However, in each case we knew exactly who the writer was and no secret made of their links to the Security Service. Suddenly, it now really seems to matter as I learn that once again a legal battle has been launched against another former member of the security services, believed to be MI5, to prevent the publishing of some possibly embarrassing facts.

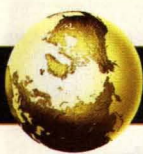
The case will be held in camera, observing secrecy, with the appointed senior judge ruling whether the book's publication would breach national security. Whilst the publisher hasn't been named in this instance the contents have been described as "...the inner workings of the secret service, with a detailed exposé of the operational successes, failures and recruiting techniques of the covert organisation."

If the book is allowed to be published perhaps we'll find out if there's any accuracy to Dame Stella's tradecraft; but, then again, we might not! ➤



PETER WRIGHT'S *SPYCATCHER* (left) was met with horror by the British Government which embarked upon an impossible international venture to try and stop its publication. However, even though it found its way onto the shelves of UK book stores, this hasn't stopped the government from seeking injunctions against other works written and researched by former intel and security employees. "We'd rather such books are not written," Eye Spy was told by a senior security person

* (see <http://hansard.millbanksystems.com/constituencies/carrick-cumnock-and-doon-valley>)



RIPPLES OF TROUBLE IN KOREA

Over the last few months it has become apparent relations between North Korea and South Korea are at low ebb. Perhaps to try and improve relations, or at least appear to gain the upper hand, South Korea will soon be receiving Airborne Early Warning and Control platforms based around a modified Boeing

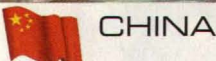
737 airframe. This version is in its final stages of evaluation having successfully completed test flights. The first of the four aircraft built under a contract placed in 2006 and said to worth some US\$1.6bn to the US will be delivered to the South Korea Air Force in July 2011. The outstanding three aircraft to be available towards the end of 2012.

Whilst South Korea is known to currently rely on US airborne surveillance platforms based at Okinawa, Japan, military sources in South Korea have openly stated these Airborne Early Warning and Control platforms will strengthen South Korea's air surveillance of North Korea.

Australian Royal Air Force AEW - converted Boeing 737



© ALASTAIR BOR



CHINA

A Degree in High-Tech Spying and Cloning

Britain's universities play a particularly active part in the education of overseas students; no more so than the Chinese, who having achieved good educational status attend the top universities to study within the scientific, technology, medical and engineering disciplines. All this leads to research involvement.

I was rather surprised to read Sir James Dyson [of bagless vacuum cleaner and bladeless fan fame] state his fears of foreign student domination in fields of Sci, Tech and Eng and his fears of 'infiltration' in *'The Australian'* newspaper.

Furthermore, Sir James went so far as to warn that "Chinese students are infiltrating British universities to steal technological and scientific secrets and even planting software bugs to relay the information to China." These software bugs, he



World famous inventor James Dyson warns of Chinese espionage

reasoned, were left by postgraduates, to ensure technology thefts continued unabated after that student had returned home. It is also known that on their return to China these postgrads then start competing against UK industrial interests using the very knowledge

gained here to allow them to do so. Apparently, universities acknowledge the threat of espionage and take the matter seriously.

It's interesting to note that our own academics who visit China and other countries known to be engaged in this form of industrial espionage are advised to leave their mobile phones and laptop computers behind with the recommendation that if a mobile phone must be taken it should be of a 'disposable' nature.

Industrial espionage is not new; I was once subject to some interest whilst at a university where my colleague was engaged in conversation with a very slender Russian lady. I remember the occasion well;

Pictured at the MAKS 2007 air show near Moscow - Russia's Tu-144 (NATO code-name 'Charger'. Its chief designer Alexei Tupolev (right) unveiled the concept publicly in 1962. However, there is no doubt the design was shaped on the British-French 'Concorde' - the KGB at the centre of an intricate operation to secure its futuristic secrets. The problem for Moscow - MI6 learned of the spy games and reportedly altered a number of key configurations - thus the Tu-144 was plagued with inherent faults from the very beginning of its life.



© ZIMIN VASILY

Red Mist

The Chinese Government via the country's state-run media, has launched a scathing attack on the CIA's outgoing Director, Leon Panetta (pictured), who warned Beijing's menace to its neighbours should not be underestimated.



Panetta said China "appears to be building the capability to fight and win short-duration, high-intensity conflicts along its borders."

China's *Global Times*, a 'front outfit', said Panetta's remarks could be viewed as "provocation". D/CIA Panetta is set to step down later this year, but there will be no respite for Beijing, as he is set to become America's defence secretary. Interesting times ahead!



it was January 1989, very cold and the lady was clad only in a white translucent blouse and a tartan mini skirt. I had returned from a class elsewhere on the campus where I was showing some technicians and other interested parties how to use





Firedrake, Bubble, Warble and Echo

In World War Two all participants used radio communication as part of their command structure; those intended to receive the messages rarely acknowledged reception for threat of revealing their position.

On occasion the elements of countermeasures were run; the placing of a strong modulated signal on the frequency of the target transmitter to prevent the recipients from receiving their instructions. Another method was the sending of alternative signals – a deception.

One interesting way of jamming signals was the placing of a carbon microphone in one of the four engine cowlings found on Lancaster bomber aircraft. The resultant 'noise' transmitted via the aircraft's transmitter.

Today the interfering signals are mainly created electronically, the jamming carefully done to ensure



maximum disruption without the 'sledge-hammer' approach. Recipients of such signals are the military, broadcast stations and very occasionally, number stations.

The political content of certain programmes on national or even international radio stations suggests to other regimes that it is within their 'home interest' to deny the audience of the content and the jamming is carried out. Past experience with military systems means that 'frequency hopping' is employed to give some immunity to jamming since the transmitter and the receiver, being frequency agile hop from one frequency to the next according to a control algorithm that can be updated for different times.

Some number stations are monitored by the sender and the frequency changed by a few kHz, either up or down in frequency to avoid interfering signals whether intentional or not.

Those who listen to the short waves will have heard the jamming on international broadcast stations, some will be able to identify the type of jamming signal by a particular name: *Firedrake, Bubble, Warble, and Echo* being representative. Now a new kind of problem is being encountered with



© KOGO

A.V. Roe Lancaster (Battle of Britain Memorial Flight)

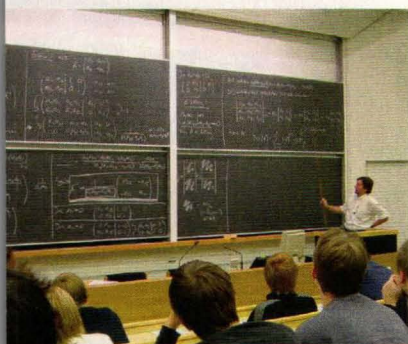
some regularity. At first the short wave listener and amateur made complaints about the signal which readily blocks reception to all but the most strongest signals. These signals are the unwanted by-product of a device produced to allow a householder network around their property by just plugging in two adaptors to the mains. Ofcom, the British Regulator, has handled complaints in the past usually involving the device sold on by BT; but there are others being freely sold that also interfere. One has to ask about the regulations which seem to have been sidestepped as well as the fact that since their appearance the number of complaints appears to have diminished as the sales of these devices top 1 million.

Apart from aeronautical operators being aware of this horrible interference, the military have also complained. Rumours suggest BT were investigating using devices in the 50GHz range for data transfer around the house.

Recently a letter appeared from GCHQ damning these PLT devices and

suggesting that their use is hampering the work of the intelligence organisation along with a noticeably large increase in the noise floor of the affected spectrum. Strangely, the letter was withdrawn, apparently due to its content and the name of an employee of GCHQ having been mentioned, and the open reporting of it effectively stopped by a D-Notice Advisory.

More strangely GCHQ (below) have now retrospectively denied that these devices are actually hampering its efforts as certain radio amateurs and short wave listeners experiment with the use of noise phase units to remove the interfering signal from their target transmissions.



In the last 15 years, Chinese espionage has become an epidemic

a new piece of equipment. I then heard my colleague say to the lady, "if its technical information you want you need to speak to my colleague."

We were involved with a Signals project at the time and it was obvious to me, from the questions asked, the lady wasn't the ordinary buyer from the Russian Education Department as she claimed.

My colleague, always with a view to sales suddenly piped up, "I say, you wouldn't care to act as an agent for me in Russia, would you?"

Prior to that the lady's English was faultless with little accent, but suddenly she became very agitated, lost some of her composure and was noticeably Russian as she stated in an incredulously rising tone, "Agent? You want me to be your agent? Are you trying to get me into trouble?" And with that she was gone; straight out of the university and into a waiting car and away.

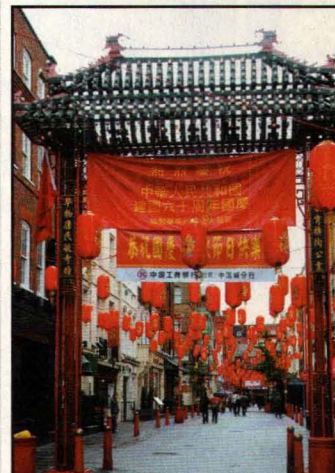
My colleague commented, "Crikey, what was that about?" My reply was, "Remember Concorde?" [Officially the Tupolev Tu-144 which first flew 31 December 1968 and was retired from Russian Aeroflot cargo service 1 June 1978 although NASA used a version for supersonic flight trials until 1999. The plane

was so similar in construction to that of Concorde it was believed to have been the result of espionage, hence the nickname 'Concordski' or 'Koncordski'].

From my perspective I doubt that each and every one of the 57,000+ Chinese students in the UK are industrial spies, but the risk is definitely there. As for the research techniques seen, learnt and used at the host British university it can be expected they will be used.

On another tac, our reliance on computer technology is worth thinking about; the world has already seen the effect of STUXNET (see Eye Spy 72) and it is said another now targets Iran's nuclear industry. All this as Western experts ponder the actual threat from cyberwarfare techniques and the Chinese Communist Party insist on Cyberwar becoming a prime part of its military strategy. This is to allow

it to win a war against an enemy that is technologically superior in the military sense.



Chinese intelligence has long relied on its overseas communities to "help" the "motherland" collect intelligence. Now it is engaged in a programme of infiltration - beginning in the classroom



EYE SPY PICTURE SPECIAL

US President Obama leaves Buckingham Palace - a convoy of government vehicles stretching several hundred yards down the Mall



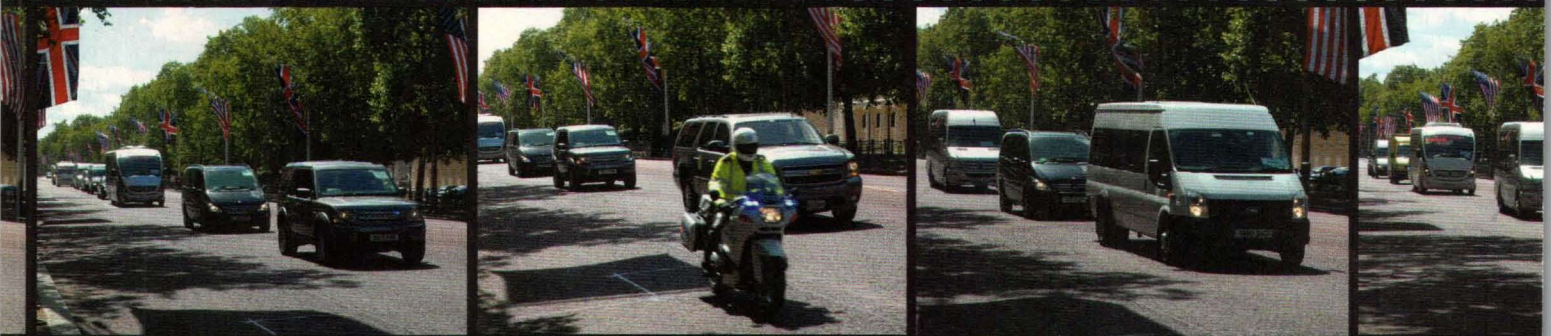
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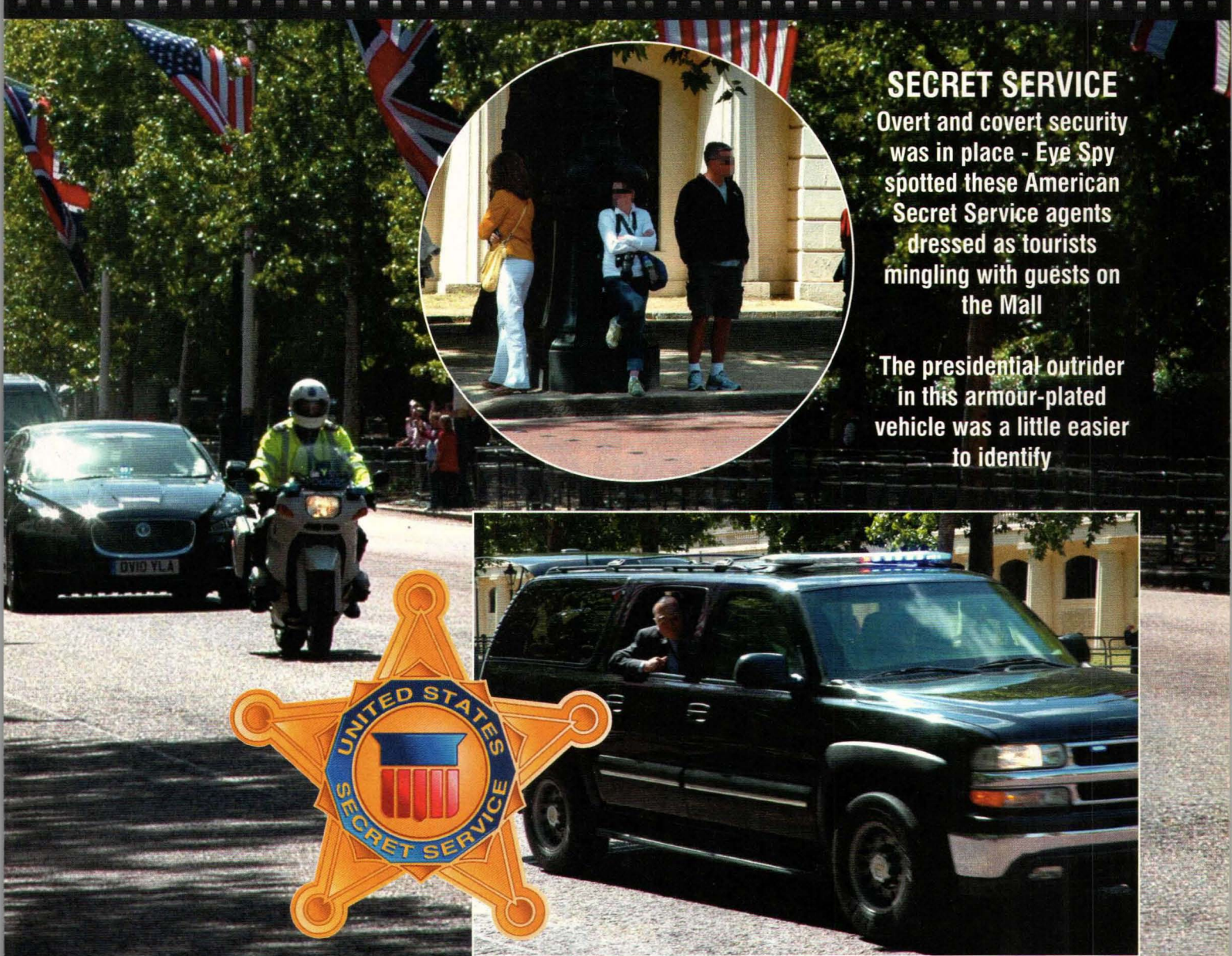


President Obama and Prime Minister Cameron
at Lancaster House, London



Huge security was in place for the recent State visit to the UK by President Obama





SECRET SERVICE

Overt and covert security was in place - Eye Spy spotted these American Secret Service agents dressed as tourists mingling with guests on the Mall

The presidential outrider in this armour-plated vehicle was a little easier to identify

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PICTURE CLUES FROM



MANCHESTER ARNDALE



It was always rumoured Manchester's Arndale Shopping Centre was a primary target for a terror cell - this now seems proven

© SKIP88

Manchester to Abh

MI5 and CIA exchange intelligence as discovery in bin-Laden's compound exposes possible terror threads to 2003 ricin plotters

It was one of the most talked about security gaffes in years - one which forced MI5 and New Scotland Yard to bring forward the end game of a lengthy surveillance operation. The security services had targeted about a dozen suspected al-Qaida operatives who had managed to find work in the UK, many via bogus education postings. This was because on 8 April 2009, a photographer had captured the Downing Street briefing notes of New Scotland Yard's (NSY) Assistant Commissioner Bob Quick. The document effectively exposed Operation Pathway and its primary locales in the heartlands of northern England.

MI5 hastily green-lighted counter-terrorist raids across several major cities, including Manchester, Leeds, Liverpool and Birmingham. Other towns also received visits from CTC (Counter Terrorist Command) officers. About 20 people in all were detained, ultimately half were deported back to Pakistan, though two known AQ operatives remained in

the UK after claiming their lives would be at risk if they were sent home.

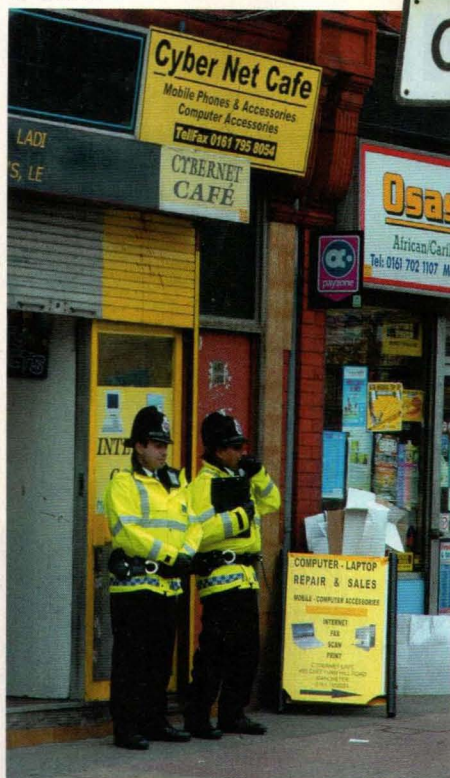
Though senior officials tried to play down the significance of MI5 having to move so quickly, it was always known that privately, Service chiefs were furious. More relevant was the fact that though the senior characters involved

in the cell were identified, and that their target was probably a shopping centre in Manchester, evidence still had to be obtained. And despite the meticulous efforts of hundreds of search officers, forensic specialists and GCHQ data mining, MI5 knew that by being forced to 'jump the gun', there was insufficient physical evidence to obtain a conviction. This did not



Inside the Arndale Centre

© PIT-YACKER



CHEETHAM HILL ROAD 8



CHEETHAM HILL DISTRICT OF MANCHESTER.

In 2009, under the auspices of Operation Pathway, a dozen suspects were arrested. Despite a major MI5 and NSY investigation, nothing of a material nature was found. However, intel officials now have a plethora of new clues...

Pttabad

mean for one moment that a significant AQ terror cell had not been rumbled. It should be noted, that at least two of the suspects hid behind Europe's ill-written and poorly conceived 'Human Rights' Act' and that even today they remain in the UK.

In the weeks that followed Operation Pathway, which was largely centred upon various addresses in the Cheetham Hill Road area of Manchester, Eye Spy was aware of a highly secret night-time venture by MI5 and CTC digging crews in nearby woods. The officers were clearly seeking items which may or may not have been buried by members of the gang. Eye Spy has also learned that they were also looking for visual burning evidence that detonations of unspecified materials had occurred. As far as we understand, nothing was discovered.

A GREAT PLOT FORMING - THE GENESIS OF PATHWAY

In October 2008, Britain's most senior security minister and intelligence contact man,



Lord West

Lord West, announced in Parliament that he had seen evidence that "another great plot was building..." These comments were made just days after al-Qaida terrorists had failed to commit mass murder at the TigerTiger nightclub in central London, and via a car bomb attack against Glasgow Airport.

Lord West advised: "The threat is huge. It dipped slightly and is now rising

again. There are large complex plots. We unravelled one (London/Glasgow), which caused damage to al-Qaida and the plots faded slightly. But another great plot is building up again - one which we're monitoring." There is no doubt Lord West was citing clandestine events that were taking place in and around Manchester. The remarks were made on the tail of an MI5-inspired note that referenced 2,000 active AQ operatives working within as many as 200 terrorist cells in the UK.

Just weeks after Lord West had given his statement to the House, GCHQ intercepted a most interesting e-mail dated 15 December 2008; penned by a suspect now referred to as



© EYE SPY

XC the text spoke about a *girlfriend* and her *reliability*. GCHQ analysts quickly determined this was AQ 'speak' (code) for bomb-making. Other similar messages were intercepted, including one dated 3 April 2009, this spoke of a wedding on *15th and before 20th*. MI5 feared this was the operational date of the attack. Five days later Bob Quick and his team along with MI5 officials arrived at Downing Street to brief Prime Minister Gordon Brown. And of course, his notes grasped tightly underarm were photographed. That the image was hi-resolution and the text could be read, sent shivers through MI5. Nevertheless, the



Counter-terror chief Bob Quick's error forced MI5 to act with haste

CTC raids saw the successful detention of all the suspects. Hours later, premier Gordon Brown announced that a "very big terror plot has been stopped."

Ever since speculation has abounded regarding just what the men had in mind. That might be about to change with the release of information emanating out of Langley and intense US legal action.



Gordon Brown

Since the shooting dead of Osama bin-Laden in Abbottabad on 2 May 2011, the CIA and NSA have created specialist units to retrieve, translate and analyse a

US Navy SEALs on exercise - the intelligence gleaned by those who participated in the Abbottabad raid will continue to throw up surprises for years to come

IRA BOMBING 1996

ARNDAL CENTRE TARGETED YEARS EARLIER

Before the building of the Trafford Centre on the outskirts of Manchester, the Arndale Centre was the city's most prominent shopping location. The site was attacked in 1991 when a series of IRA (Irish Republican Army) firebombs caused extensive damage. However, those attacks were dwarfed in 1996 when a van bomb containing 3,300lb of explosives exploded causing massive damage. A coded IRA warning was issued before the device detonated and some 80,000 people were moved from the area prior to the blast. However, flying debris resulted in 200 casualties, damage to over 1,000 properties in 40 streets and led to the ultimate rebuilding of this section of the city. At the time, it was Britain's most costly terrorist attack (£400 million).

Since then, and following a total reconstruction, the Arndale Centre has regained its position as the most prominent city centre shopping site in Manchester - a fact seemingly not lost on al-Qaida's terrorist planners.



tremendous number of files, mostly electronic, recovered from the terror leader's compound. What the Agency has now determined is that bin-Laden was controlling and authorising attacks by his followers across the world. It now seems evidently clear that the Manchester affair was orchestrated by bin-Laden and definitely part of a larger endeavour.

The CIA has learned that the UK terror cell planned to cause a number of explosions in

the centre of Manchester as part of an "Easter Campaign". The bombs would be detonated in the popular Arndale Shopping Centre which attracts thousands of visitors every day. It was initially believed the huge Trafford Centre was the primary target (it may still turn out that this location was also part of the plan). Eye Spy understands a series of covert surveillance photographs of the Arndale complex were identified on a memory stick secured by the US SEALs. They were purportedly traced to a



Documents and cell phone data retrieved by US SEALs in Bin-Laden's compound reveal al-Qaida terror cell was planted and active in Manchester

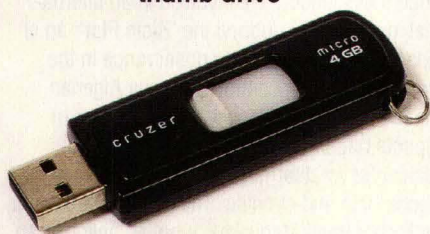
COURTESY: US NAVY SEALs



memo

according to Eye Spy sources, numerous al-Qaida pipelines to dozens of likely terror cells have been exposed by Osama bin-Laden's incredible decision to retain over 100 memory sticks brought to his compound by couriers from across the globe... arrests will undoubtedly follow

Photos of Manchester's Arndale Centre were discovered on a USB thumb drive



business location in the Manchester area that was searched as part of Operation Pathway. MI5 has been provided with the intelligence.

Of interest, months prior to the US SEAL operation (December 2010), a UK court heard that the suspected leader of the Manchester terror cell, Abid Naseer, was part of the group that had surveilled areas of Manchester, including the Arndale Shopping Centre and Saint Ann's Square and taken photographs. It is our understanding that these "reconnaissance images" were transported manually by courier back to Pakistan - almost certainly on a computer memory stick. It now seems clear the stick's destination was Al-Qaida Central (AQC) and the compound of Osama bin-Laden.

AL-QAIDA'S SUPER HIGHWAY

WITHIN THE INTELLIGENCE - EVIDENCE OF LIAISONS

The discovery of the images of the Manchester Arndale Centre have double significance for the FBI and MI5. The Security Service has never been able to pin down sufficient evidence against Abid Naseer, 24. He won the right to remain in the UK along with his colleague Ahmad Faraz Khan - both of whom avoided deportation. The men came to the UK on visas allowing them to study at Liverpool's John Moores University (they ultimately dropped out). Nine other men were deported, but Naseer and Khan appealed to the Special Immigration Appeals Committee. And despite the court judging Naseer was the "ringleader" of the plot and in regular contact by coded e-mail with a known al-Qaida e-mail address, amazingly, he was given leave to stay.

Naseer had claimed the e-mails intercepted by GCHQ were just an attempt to "find a woman." However, the court ruled: "Naseer's account [of the e-mails] was a lie, deliberately told to

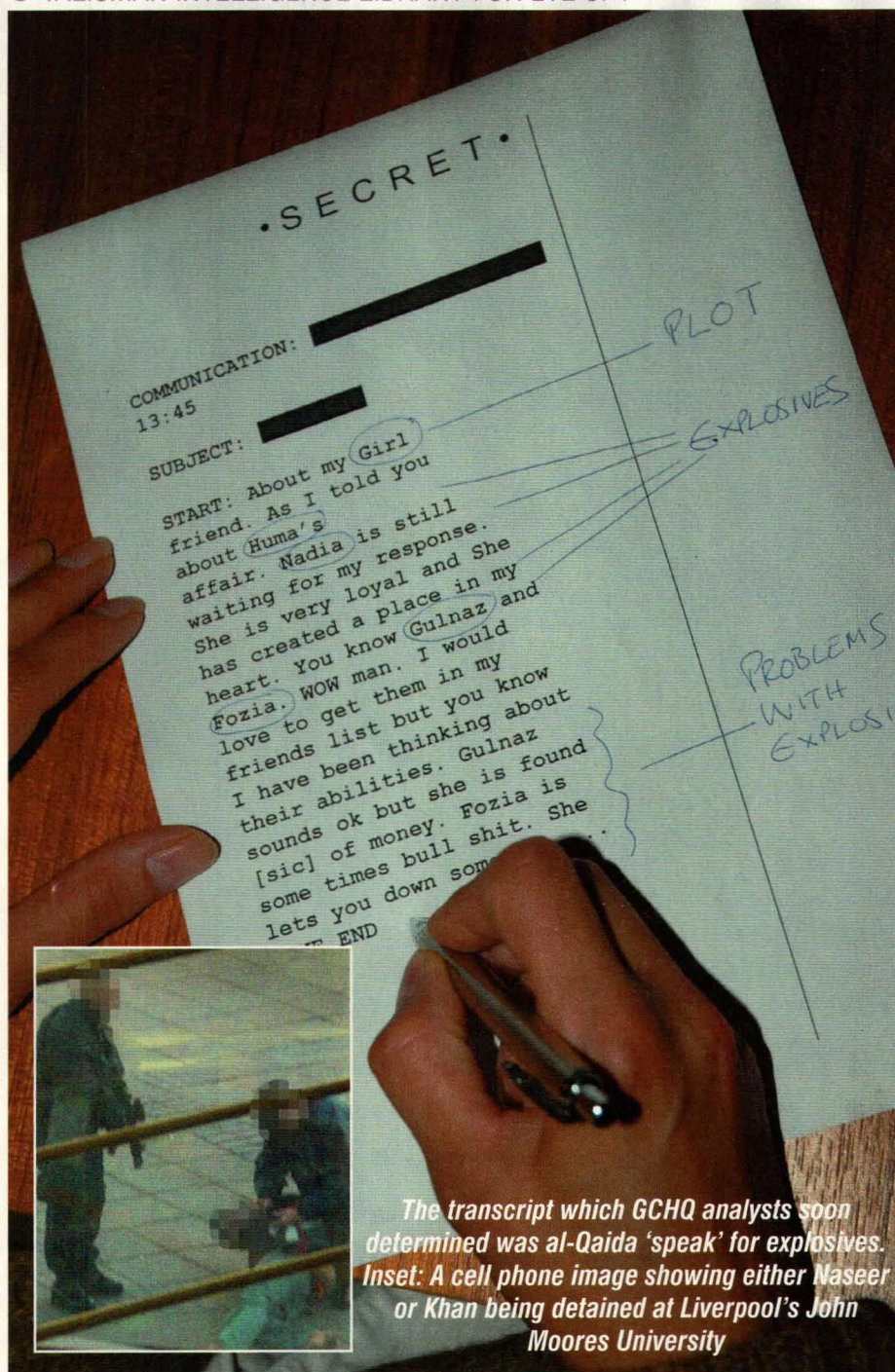


Abid Naseer

Ahmad F. Khan

conceal their true meaning." There is absolutely no question the e-mails are written in a fashion that was a poor attempt to cover a communicate that discusses various explosives and operational actions.

Now, Eye Spy understands the CIA or FBI has additional information on Naseer that has been augmented by that recovered in Abbottabad. He was rearrested by NSY CTC on a US Department of Justice warrant that states he has provided material support to al-Qaida. Similarly, we believe that part of the US



evidence allegedly links him with AQ operations in Europe as well as New York City.

The liaison man who helped coordinate a proposed tri-city operation is known to the CIA as 'Ahmad' and according to Eye Spy sources used the name 'Sohaib'. Some of the e-mails sent by Sohaib are believed to have been intercepted by GCHQ and reference girls and weddings (code for explosive types and the date of the operation).

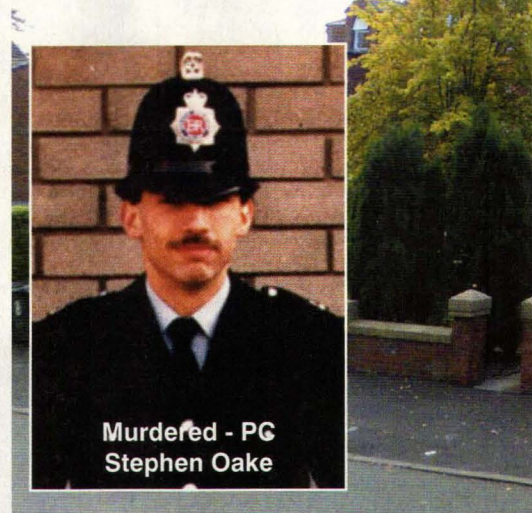
An al-Qaida terror cell which had planned to attack the New York Subway, went to ground just days before it was due to strike in September 2010. E-mails sent by the US-based AQ cell bombmaker Najibullah Zazi to the man known as Ahmad were intercepted by the NSA. Other communications that related to

the plot to blow up the Danish newspaper HQ of Jyllands Posten were also secured. The prime mover behind the operations was senior UK AQ man Rashid Rauf, who controlled and managed those behind the Trans-Atlantic bomb plot.

According to Eye Spy US sources, evidence in the form of e-mails exists that links Naseer to Ahmad. One is said to be an update of the operation being planned in Manchester. It is our understanding that MI6 and the CIA agree that there was a high level of cooperation of planning between various AQ groups, and that the original plan was to attack in a coordinated manner.

- A UK judge has approved the extradition of Naseer to America.

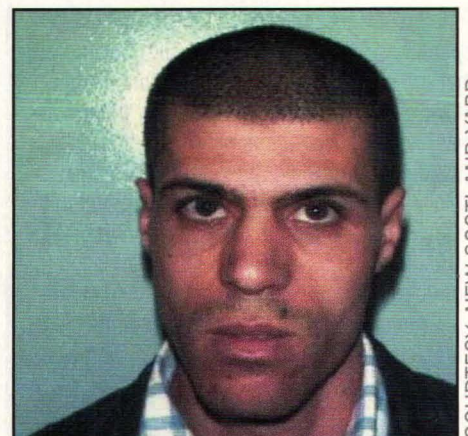
INSIDE THE CHEETHAM HILL



THE RICIN PLOT

Longtime readers of Eye Spy might recall that the Cheetham Hill district of Manchester was at the centre of a major MI5 operation that inadvertently resulted in the death of Manchester police officer Stephen Oake in March 2003.

In late 2002, the Security Service along with French Intelligence were involved in an international investigation dubbed the 'Ricin Plot': an al-Qaida terror cell was under observance in the Wood Lane area of London. MI5, via Algerian police had good intelligence that a number of suspects had arrived in the UK intent on attacking several targets using the deadly poisons ricin and cyanide. The primary informant was Mohammed Meguerba, who led police to an apartment above a chemist in Wood Lane. Within lived Kamel Bourgass, described to Eye Spy as one of the most dangerous men ever encountered by New Scotland Yard.

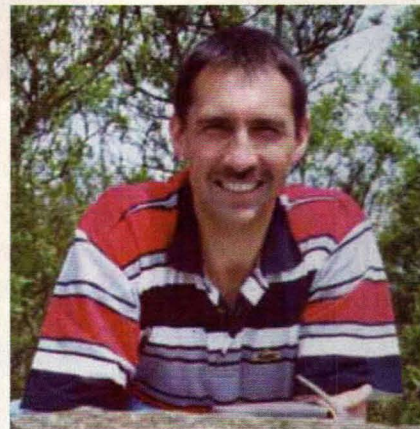


COURTESY: NEW SCOTLAND YARD

INTEL THREADS



A FATAL ENCOUNTER



Left: The Cheetham Hill address where MI5 and New Scotland Yard traced a terror suspect identified only as 'Q'. Unfortunately an ill-prepared police unit, some members minus any sort of body armour, encountered a dangerous terrorist in the person of Bourgass.

The maniac grabbed a kitchen knife and stabbed three Manchester police officers, sadly delivering a fatal blow to PC Stephen Oake. The memorial to him has been circled in this Google Street View composite



Mohammed Meguerba

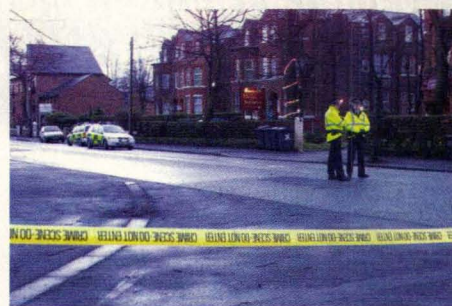
a target we can still only identify as 'Q'.

When NSY raided the London flat on 5 January 2003, they found plenty of paraphernalia which led forensic specialists to conclude ricin was

After a lengthy surveillance operation, MI5 learned that amongst the terrorists' targets was the iconic Heathrow Express. And at the centre of the plot were two men - including Bourgass, who used dozens of aliases, including 'Christopher Hans' and

being manufactured. At the time, of course, the FBI was still reeling from anthrax attacks in America, and there was much fear on both sides of the Atlantic. But Bourgass was nowhere to be found; he had slipped out of London and headed south towards the coast. However, instead of crossing into France, as officers were convinced he would do, Bourgass caught a National Express coach and journeyed north. His destination was actually Crumpsall Lane in the Cheetham Hill district of Manchester.

On 14 January, Manchester counter-terrorist police were secretly working on an operation code-named SALT. By sheer coincidence, they were in the process of raiding a suspected AQ-occupied address in Crumpsall Lane. Eye Spy



learned the force's target was 'Q' - he was duly arrested, but there were two other persons in the house who Manchester Police did not know. One of them was of course Bourgass. He was told to sit down but the arresting officers did not handcuff him. In the room was father of three, PC Stephen Oake, 40 - participating in his first ever counter-terrorist operation. Bourgass grabbed a kitchen knife and stabbed three officers - PC Oake died from his wounds.

As MI5 investigated, it became clear Bourgass was linked to a terror cell trained by al-Qaida in Afghanistan. Other arrests followed, including three men in Paris. The cell had a truly international dimension with operatives in north Africa and Holland and elsewhere. It was also believed the group was being instructed by a senior Osama bin-Laden man.

How the 2009 Operation Pathway began remains a deep secret, but it seems evident MI5 never quite gave up looking for a terror "fixer" in the Cheetham Hill area.



Bourgass rented the flat above this chemist in Wood Lane



OPERATION OVERT

CIA Mischief and the Trans-Atlantic

National Geographic Channel documentary reveals UK-US intelligence tensions and a top secret CIA mission that was hidden away from MI6...

The National Geographic Television Channel recently aired a most fascinating and powerful documentary charting the UK intelligence

operation - code-named Overt - that halted the al-Qaida plot to blow up seven packed airliners over the Atlantic. The August 2006 terrorist endeavour has been reported on in full in Eye Spy, thus the programme's content and senior players on all sides are known to most readers of this magazine. However, unlike many other programmes and features which have covered the investigation, the channel exposed numerous differences between London and Washington that at times went beyond simple banter and points of views.

The London-based terrorists planned to use plastic fizzy drink bottles adapted to hold a special explosives mix (base mixture primarily hydrogen peroxide). The soft drinks' containers would avoid airport detectors and their contents could be reconstituted (mixed) in the aircraft's toilets. Seven specific flights from the UK to the USA had been chosen - each airliner would have been airborne over the

Atlantic Ocean when the bombs exploded. Had the AQ operation been successful, then the loss of life would have been close to 2,000.

These were nervous times for MI5 the FBI and US Homeland Security. So too for a few political and security chiefs who were privy to the facts. All the while the CIA were watching intently, fearful that any attack could prove disastrous again for America.

Of course MI5 and New Scotland Yard eventually identified the senior bomb plotters, secured valuable intelligence after bugging at least one terrorist safe house, and in the end thwarted the plot. But this hardly begins to touch upon the drama that was played out in the capital cities of Britain, America and Pakistan.

Called the 'Liquid Bomb Plot', National Geographic Channel researchers managed to get access to a number of the intel people directly involved in the investigation (on both sides of the Atlantic). Men like New Scotland Yard's counter-terrorist officials Peter Clarke and Andy Hayman, the amicable Homeland Security Secretary Michael Chertoff, and the



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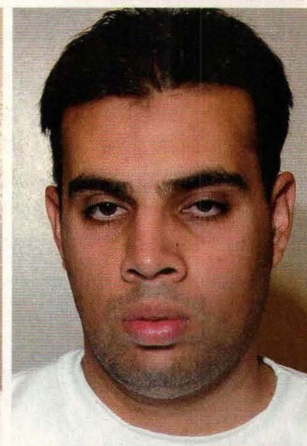
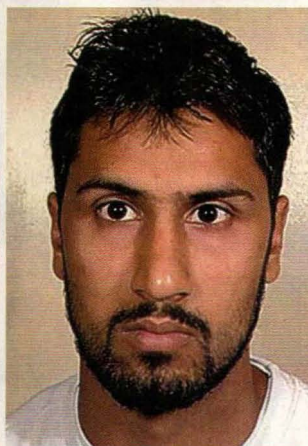
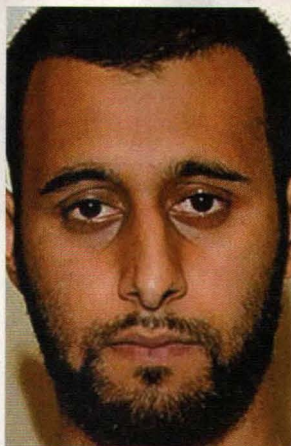
*the channel
exposed numerous
differences
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and Washington
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beyond simple
banter and points
of views...*

c Bomb Plot

Eye Spy is grateful
to the National Geographic
Channel for its cooperation
in respect of this feature



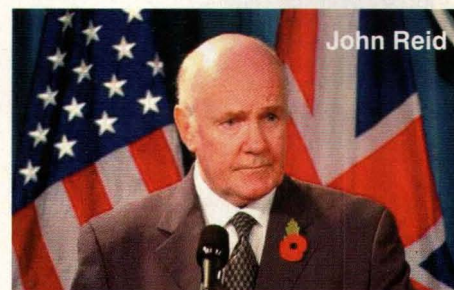
Senior Service in Al-Qaida UK



COURTESY: NEW SCOTLAND YARD

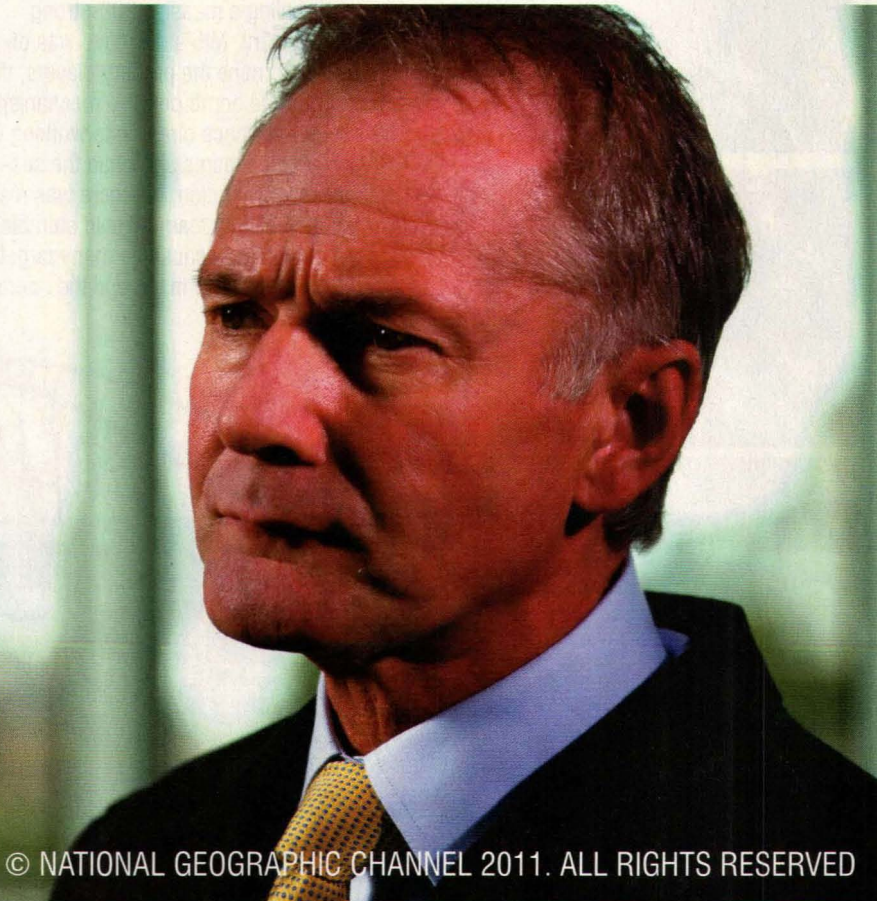
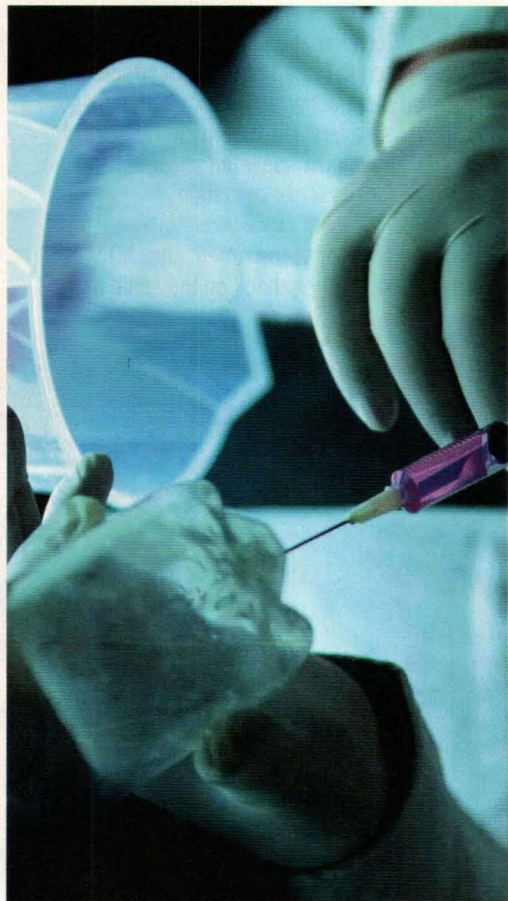
Three of the most dangerous men ever encountered by MI5 and New Scotland Yard and the key planners behind the plot to cause mayhem in the skies.
L-R: Tanvir Hussain, Abdullah Ahmed Ali and Assad Sarwar - all jailed for life

former head of the NSA and D/CIA Michael Hayden. Holding the programme together with frank and often candid commentary was John Reid, Britain's tough-talking Home Secretary at the time. Though appearing calm during his interviews, it is obvious the events had made a profound impact on the way he viewed the British operation to tackle the terrorists.



COURTESY: DOD

Former New Scotland Yard anti-terrorist chief Andy Hayman, acknowledged that British Intelligence was kept out of the loop over a top secret CIA mission to Pakistan that forced police and MI5 to act in haste. His frustration and annoyance are evident in his interview with the National Geographic Channel

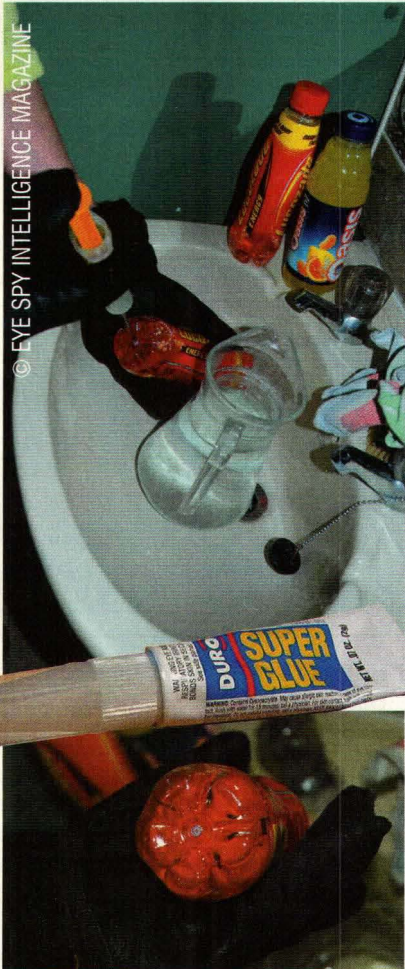


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BEATING AIRPORT BOMB DETECTORS

The al-Qaida terrorists chose a specific plastic bottle type which could be drained and refilled (with explosives) via a hole in its toughened base. The hole was then secured with super glue

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Bomb mixes, syringes and rubber gloves...

The National Geographic Channel documentary provides an accurate portrayal of the plot and importantly includes new commentary and information

TRANS-ATLANTIC TENSION

There was obvious tension in Washington when British Intelligence advised their counterparts in America that a terror plot was forming in London. After assembling a massive 200-strong surveillance team, MI5's objective was of course to determine the primary players, their target[s] and the bomb delivery mechanism. MI5's A4 surveillance directorate working with NSY surveillance teams soon had the suspects under observation, but there was real fear that the security teams would stumble across each other because so many targets were being monitored. In the end the operation

sorted itself out, and the suspects were identified. So too the suspected 'bomb factory' and the explosives and delivery method. The programme reveals how an MI5 female surveillance officer then observed a senior terrorist at an Internet cafe. She was instructed to reload his computer screen after the suspect departed, up popped the flight times of several US-bound aircraft. British Intelligence now knew the sheer enormity of the proposed terror operation.

It was time to tell the Americans: AQ was planning another attack on the scale of 9/11.



Terminal 3 Heathrow Airport. The bombers targeted at least seven aircraft departing to America from this terminal



News of Rashid Rauf's arrest shocked MI5 and New Scotland Yard. The CIA feared al-Qaida was on the verge of launching another major attack...

CIA SPY GAMES

LANGLEY'S TOP SECRET PLOY

Michael Hayden - former Director of the Central Intelligence Agency and NSA, admitted he had secretly flown to Pakistan and advised the Inter Services Intelligence Agency that a senior terrorist was managing the trans-Atlantic terrorist plot. Within 24-hours, Rashid Rauf was subsequently arrested. It was a move which forced British Intelligence to bring forward plans to arrest over a dozen suspected terrorists in the south of England.

US Airways - just one of the airlines selected by terrorists



And quite naturally, America was frightened and began to heap pressure on MI5 to dismantle the plot.

NSY needed more time to gather evidence, thus making sure a conviction against the gang would be a formality. But because the US had been alerted to the fact that the terrorists had seemingly chosen which aircraft to attack, more and more pressure from officials was exerted. NSY did not like this at all, but UK ministers feared that if anything went wrong, and if even one bomber got through, there would be hell to pay.

All the while communications between the London gang and a terrorist controller in Pakistan were increasing. The man heading up

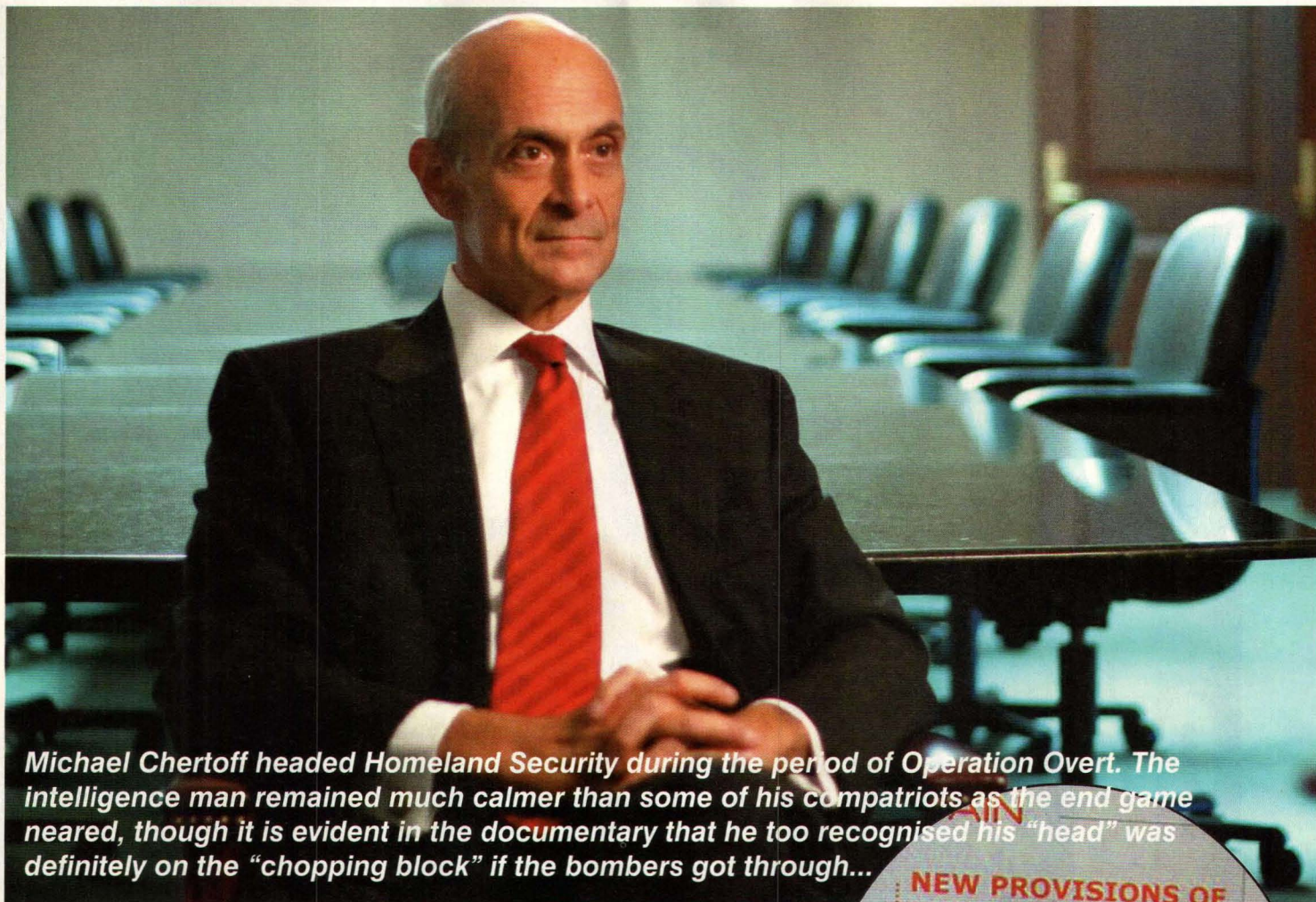
the plot was none other than the notorious Rashid Rauf. His involvement in AQ operations has been well documented and Rauf's name sat high on MI5's Registry. This the CIA knew but unbeknown to British Intelligence, the Agency decided to take matters into its own hands. Langley, or more accurately as revealed by National Geographic, D/CIA Michael Hayden embarked upon a dangerous

Cyber Cafe Clues - MI5's gateway to terrorist objective



An MI5 female surveillance officer secured vital clues when she reloaded a computer screen that showed flight data of seven America-bound airlines

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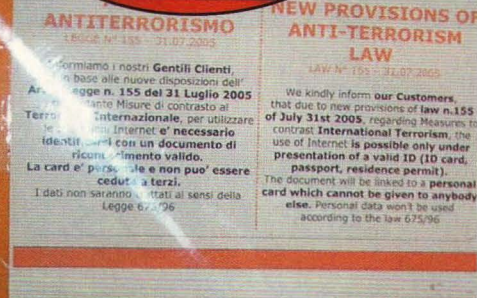
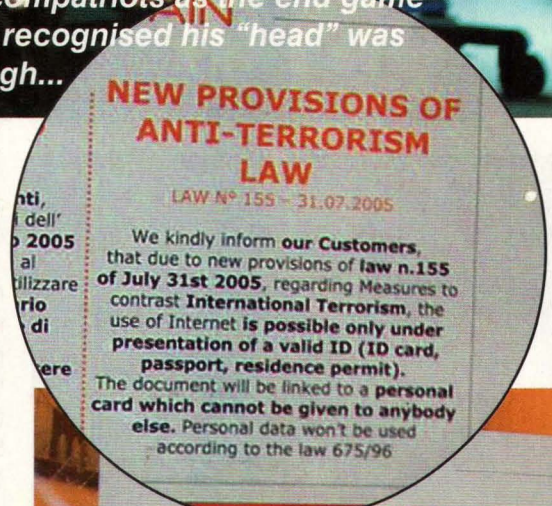
Michael Chertoff headed Homeland Security during the period of Operation Overt. The intelligence man remained much calmer than some of his compatriots as the end game neared, though it is evident in the documentary that he too recognised his "head" was definitely on the "chopping block" if the bombers got through...

mission which could have resulted in MI5's lengthy operation misfiring and the entire trans-Atlantic bomb plot gang walking free. Hayden travelled in a CIA charter plane to Islamabad and arranged a top secret meeting with ISI chief Ahmad Shuja Pasha. Astonishingly he gambled and advised Mr Pasha about the plot and Rauf's presence in Pakistan.

Within 24 hours Rauf was arrested. News of his detention then reached New Scotland Yard and MI5. If any of the London plotters learned of Rauf's arrest they could disappear or worse - take other action. D/CIA Hayden told National Geographic that his action was taken to "push

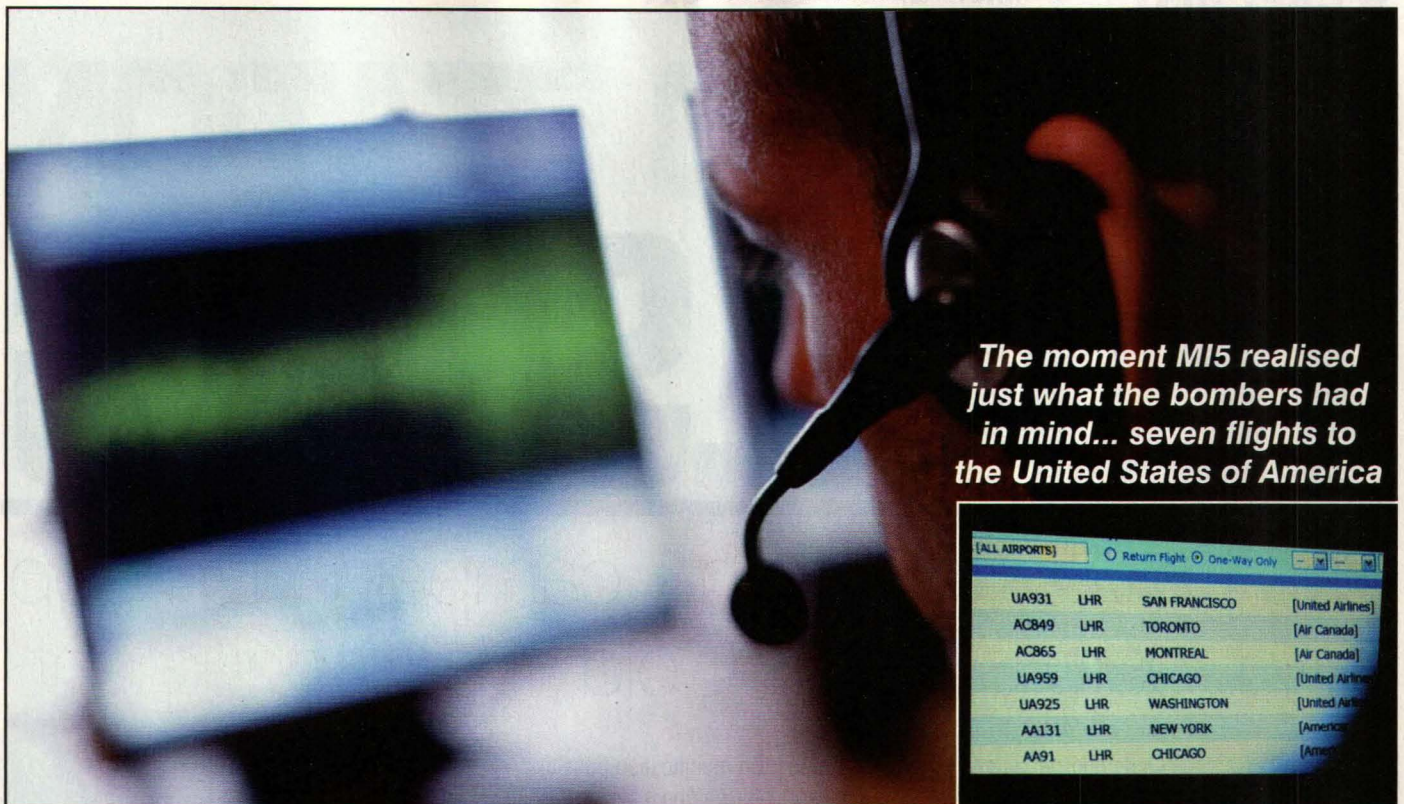
the British and hasten officials into action." However, NSY were not pleased, and this was blatantly obvious in the response of Andy Hayman who acknowledged British Intelligence was kept out of the loop. There is also the matter of trusting the ISI, if as one recalls quite recently, the CIA's reluctance to inform the ISI that they were coming to get Osama bin-Laden in Abbottabad!

Needless to say MI5 were forced to act and police swooped on numerous addresses across the south of England. The bomb plot had been foiled.



Italian Internet Cafe. Note the date of this warning on the door - 31 July 2005. Italy reacted with haste following the 7 July 2005 London bombings - a clear sign terrorists were using such establishments. Detectives working in Operation Overt also found an incredibly important clue in one such London cyber cafe...





Just for its intensity this two-hour special documentary will keep you on the edge of your seat. However, few programmes can match its content in respect of the plot outline and the real life drama which was played out on the streets of London and beyond. For intel watchers it gave a very rare glimpse and insight proving British and American Intelligence can view and react to situations quite differently.

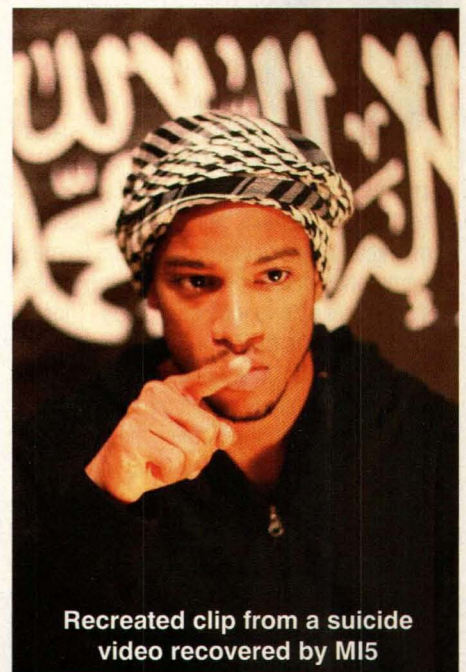
Interestingly, since 2006, the US security services have tended to derail plots well in

advance of their happening. Indeed, after 9/11, who could argue with such a policy?

As for Rauf - one of Osama bin-Laden's UK 'king pins', he somehow managed to escape on 14 December 2007 from his security detail. But the CIA had the last laugh - he was killed in a Predator RPV strike on 22 November 2008.

• **Editor's Comments:** The Liquid Bomb Plot documentary is without question the best intel-based film ever made on the attempt by al-Qaida to blow up so many aircraft simultaneously over the North Atlantic Sea. A must see production packed with a plethora of original information and exceptional film sequences recreated from information imparted from the highest sources.

LINKS: www.nationalgeographic.co.uk/



NSA FIELD STATION TEUFELSBERG

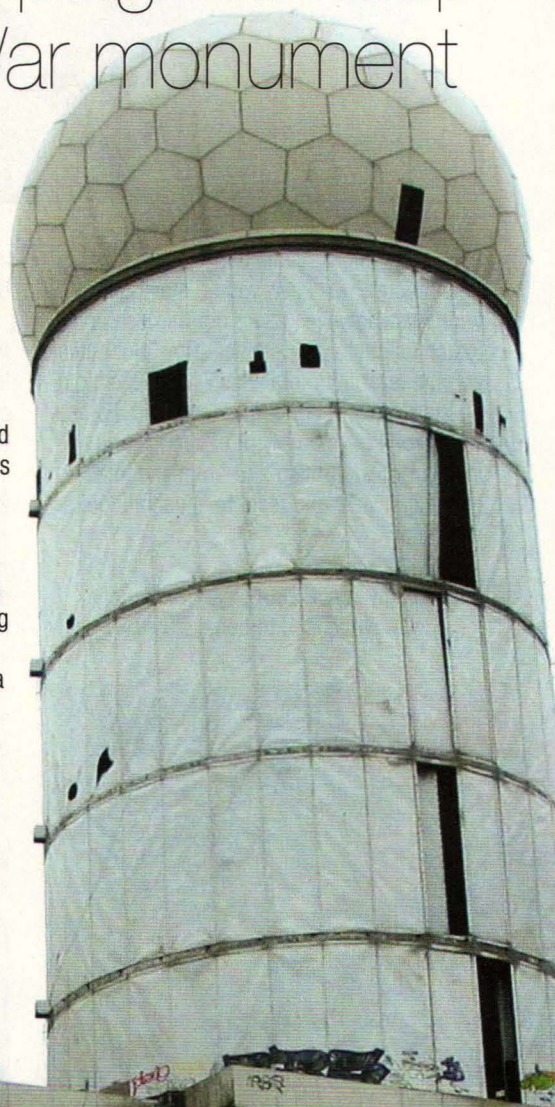
The Devil's Mountain - campaign to keep and restore iconic Cold War monument

Once recognised as one of the most important National Security Agency outposts in the Cold War era, Field Station Berlin Teufelsberg (translates to 'Devil's Mountain'),

Germany, is in danger of disappearing altogether. The defunct base has long been earmarked for redevelopment, but the German Government's decision to raze it to the ground has been met with furious opposition. Those who served at the facility are naturally against the move and efforts are underway on both sides of the Atlantic to turn the site into a monument that commemorates the friendship and steadfast support of the Western Allies

who made German reunification possible. Historians and intel watchers alike believe it would be appropriate to save the site simply for its significance.

The move to flatten what remains of the field station, has been likened to the fate which befell another most memorable and very important building (though much tinier in size). In December 2000, developers removed the world famous Berlin watchtower known as Checkpoint Charlie. For years this simple structure was recognised as a symbol of freedom and democracy. It truly was one of the original icons of the Cold War that divided more than the city of Berlin - it was a crossing point - a barrier between East and West. It was surreptitiously removed so as to attract a



© PIOTR TYSARCZYK

BERLIN COLD WAR



The NSA Teufelsberg Berlin Field Station pictured around 1968. Part of the facility was also staffed by British intelligence from GCHQ and the RAF

One estimate for the amount of debris used to construct the hill is about 12 million cubic metres, or put in more simplistic terms - from an astonishing 400,000 destroyed or damaged buildings

minimum amount of attention. The city's residents tried to save the tower, but failed, because authorities deemed it was not a historic landmark. It was dismantled to make way for offices and shops, but nothing of note has ever been built at this site, and the original proposals for development have been shelved. Historians and most Germans now recognise that Berlin's decision was wrong, and campaigners in Germany and North America are determined that this does not happen to Teufelsberg.

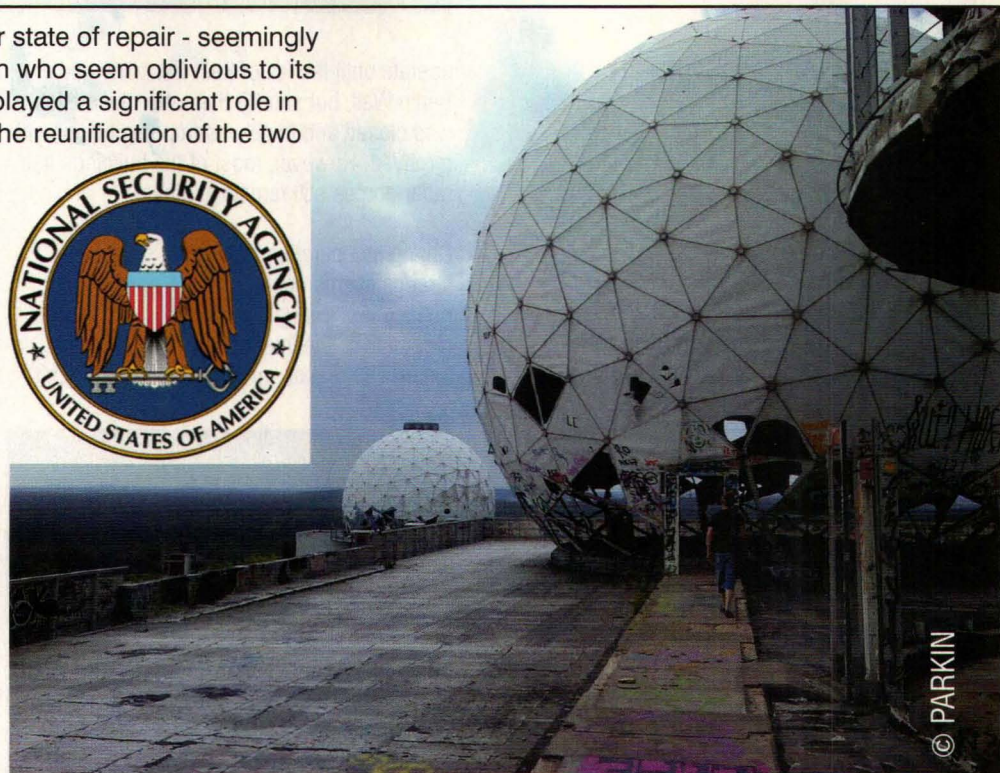
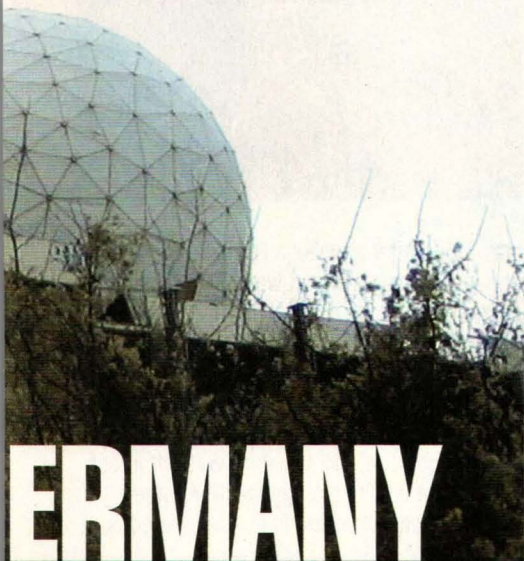
NSA Field Station Berlin was an ELINT and SIGINT (Electronic and Signals intelligence) complex positioned high on an artificial hill

that rises about 250ft above the Brandenburg plain. The site, contained within Berlin's Grunewald Forest has a curious history. It was built by the Allies after the Second World War from the rubble of Berlin as the city was reborn. One estimate for the amount of debris used to construct the hill is about 12 million cubic metres, or put in more simplistic terms - from an astonishing 400,000 destroyed or damaged buildings. It is higher than the tallest natural hill (Kreuzberg) in the greater Berlin area.

Teufelsberg's artificial hill and origin does not in itself make it unique, as there are many similar man-made rubble mounds in Germany

(Schuttberg for example). You can also find such hills in and around other war-torn cities of Europe. Teufelsberg's real significance lies with what's actually sat atop and buried beneath it: below, the shell of a Nazi military-technical college designed by Adolf Hitler's chief Third Reich minister and architect Albert Speer. Construction started on the Wehrtechnische Fakultät in 1937, but because of the war and lack of funding it was never completed. It was simply used to store munitions. After the war, the Allies tried using explosives to demolish the school, but it was so sturdy that covering it with debris turned out to be the easier option. And above, a

The former field station is now in a poor state of repair - seemingly abandoned by the City Council of Berlin who seem oblivious to its international significance. Teufelsberg played a significant role in ending the Cold War and ultimately in the reunification of the two German nations...



disused NSA complex that once intercepted Soviet communications providing NATO with a plethora of significant intelligence.

The NSA station was also once part of the Agency's global ECHELON intelligence gathering network. 'The Hill', as it was known colloquially by many Americans who worked there around the clock and who commuted from quarters in the US Sector of Berlin, was actually located in the British Sector. This probably explains why one of the tallest aerials on the base was in the ownership of Britain's GCHQ - the NSA's sister organisation. This was removed in 1992. Also present was an RAF intelligence section.

ORIGIN AND FERRIS WHEELS

Prior to establishing the first permanent buildings in the late 1950s, Mobile Allied Listening Units (MALUs) had to be driven to various other locales throughout West Berlin hoping to gain the best vantage point for listening to Soviet, East German, and Warsaw Pact military communications traffic. One such unit decided to drive to the top of Teufelsberg and discovered a marked improvement in their listening ability. This discovery eventually led to a large structure being built atop the hill, which would eventually fall under the operational command of the NSA.

At the request of the US Government, several ski lifts were removed because they allegedly disturbed the signals. The station continued to



These images speak for themselves - the damage and vandalism caused by years of neglect is evident everywhere on the site.

It seems absolutely certain that any restoration project to turn the former field station into a Cold War museum and visitor centre, will require significant funds which can only be provided for by the city council, private sector or an interested third party



© BUNDESARCHIV

Albert Speer's "vision" for Berlin included numerous spectacular buildings in the city centre (right)

operate until the fall of East Germany and the Berlin Wall, but shortly thereafter the station was closed and the eavesdropping equipment removed. However, most of the buildings and radar domes still remain in place.

During its operational NSA life, some very strange events occurred. NSA operators noticed that during certain times of the year reception of the intercepted radio signals was better. The reason, or should we say 'culprit'

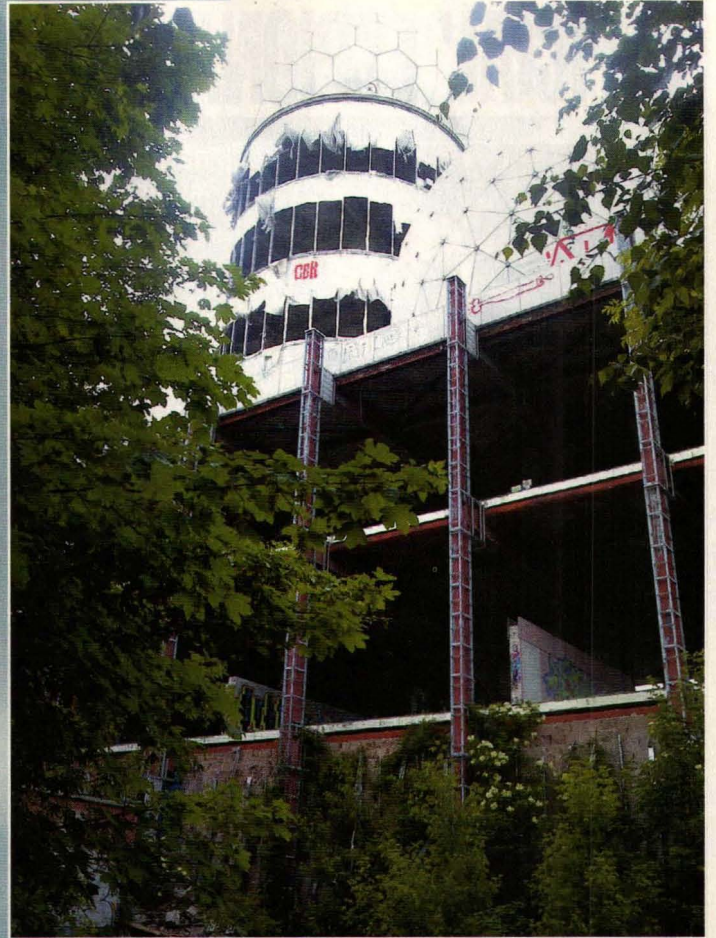


was found after a while: a Ferris wheel that showed up annually and was part of the German-American Festival in the Zehlendorf district of Berlin. It was decided that instead of dismantling the Ferris wheel, constructed ironically on Truman Plaza about five miles southeast of the station, immediately after the event concluded, the structure was left intact to keep the quality of signal high! Another relevant factor that should not be ignored is that USAB (US Army Berlin) was

INSCOM



Early occupiers of the US listening post were drawn from communications experts from all three US armed forces (army, air, sea). However, the main concentration of staff were from the US Army Intelligence Corp, the Army Security Agency and later still INSCOM (US Army Intelligence and Security Command). When the NSA took full control of the station, members of such detachments often remained. Indeed, even today it is not unusual to see specialists from the US military working alongside dedicated NSA staffers, and visa versa.



© JOCHEN JANSEN



USAB troops based at the Truman Plaza, Berlin

headquartered close to the Plaza! In all probability when the attraction departed, no doubt the USAB assisted in erecting a structure which mimicked the effect of the wheel.

There were rumours that the US military had excavated a shaft down into the Speer-designed school beneath, but this was never proven. Technicians believe the story was probably based on reports that engineers who maintained equipment in one of the first enclosed antenna structures (domes) accessed the upper levels via an airlock that led to a "tunnel" or orifice embedded in the structure's central column. Other interested parties believe the "tunnel" was probably there as an emergency exit, though those with intimate knowledge of the site say this is not true.

Continued on page 40



This rare photograph shows a model of the apartments that were originally planned for Teufelsberg

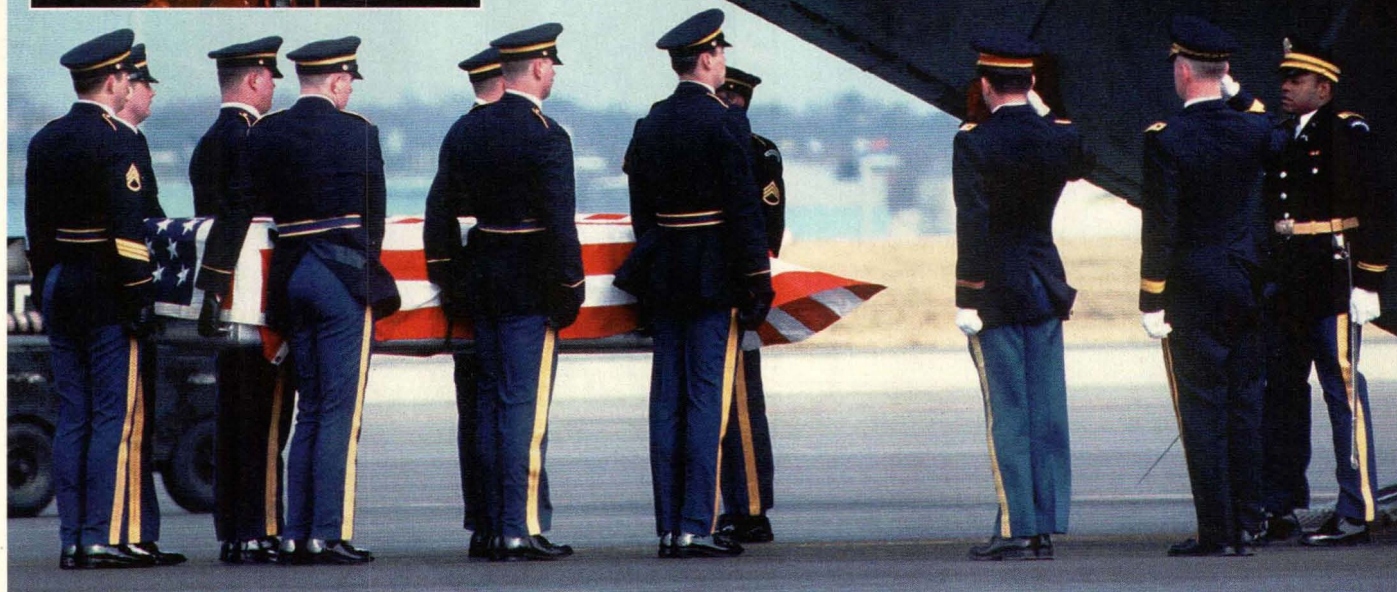
© MICHAEL GRUBE - www.geschichtsspuren.de

'OFFICIAL' ESPIONAGE AND LAST COLD WAR VICTIM



BERLIN 1985: A full US Army ceremonial guard carries the body of military intelligence officer - Major Arthur D. Nicholson into an aircraft destined for the United States

The NSA Field Station Berlin Veterans Group hope to have the Teufelsberg site named in honour of Major Arthur D. Nicholson, officially recognised as the "last Cold War casualty"



COURTESY: SERGEANT DAVID NOLAN/DOD

The Berlin incident which could have triggered NATO-SOVIET conflict

Major Arthur D. Nicholson, a US Army intelligence officer and experienced Soviet Foreign Area Officer (FAO) was shot dead by a Russian guard whilst observing Russian military traffic as part of an official US-Soviet sanctioned mission.

Nicholson's death prompted a serious crisis in US-Soviet relations. One Pentagon memo actually referred to the situation as the most serious state of affairs since the Cuban missile crisis.

Nicholson was serving in the US Military Liaison Mission to the Commander-in-Chief of the Group of Soviet Forces in Germany. As such it was not unusual for such officers to visit or attach themselves to Soviet forces, in Nicholson's case a Soviet training area in Ludwigslust and a tank convoy.

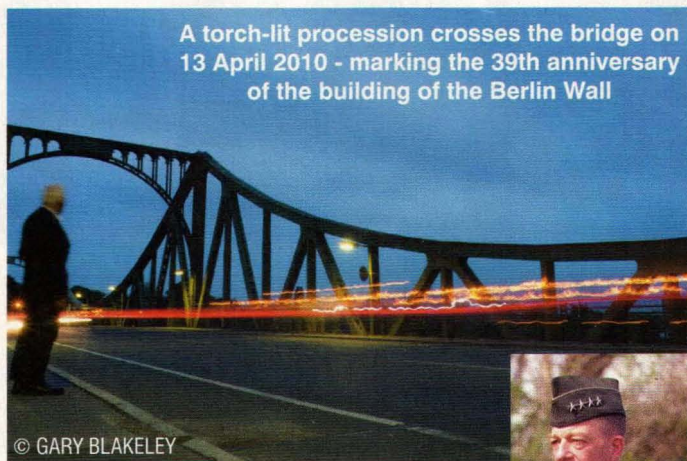
Such activities were routine as military liaisons were often charged with intelligence gathering (the Soviet liaisons did the same in West

Berlin). However, the American officer and his driver, Jessie Schatz broke away from the convoy and found themselves near a Russian tank shed. It was here, on 24 March 1985, Junior Sergeant Aleksandr Ryabtsev shot Nicholson dead in cold blood. Nicholson did not die immediately, indeed, the Russians denied Schatz any opportunity to save his colleague. The American essentially bled to death just yards in front of his helpless friend.

Such monitoring missions, though unusual, had been sanctioned by a 1947 US-Soviet agreement that provided for the exchange of intelligence gathering officers (effectively observing in open-spaces). The Russians argued that Nicholson and Schatz had violated the agreement because they were in an area deemed 'off limits'. This was denied by Washington.



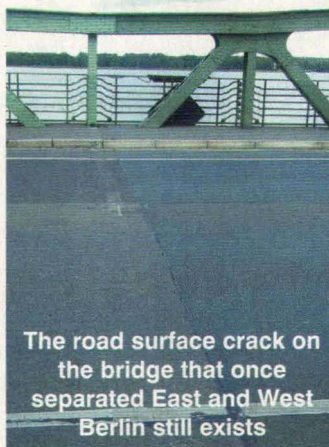
Major Arthur D. Nicholson



A torch-lit procession crosses the bridge on 13 April 2010 - marking the 39th anniversary of the building of the Berlin Wall

© GARY BLAKELEY

BRIDGE OF SPIES



The road surface crack on the bridge that once separated East and West Berlin still exists

© TORSTEN HENNING

Quite ironic is the fact that following an angry demand by US Army General Glenn K. Otis (above), the Russians delivered Nicholson's body back to the West at the Glienicke Bridge. This location is of course referred to as the 'Bridge of Spies' following several noteworthy spy exchanges, including CIA U-2 pilot Gary Powers and MI6 man Greville Wynne



COURTESY: DOD



Fig 1.



Fig 2.



Fig 3.

ICONIC IMAGES THAT DEPICT AN EXTRAORDINARY CHAPTER IN THE LIFE ON BERLIN

Fig 4.

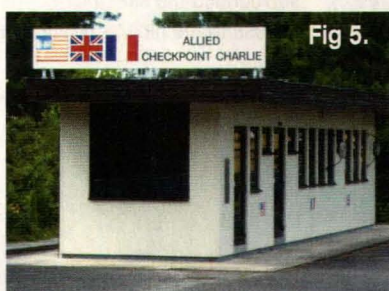


Fig 5.



Fig 6.

REFLECTIONS

1. A city divided. East German police examine identify cards shortly after Moscow's decision to build the Berlin Wall. 1961

2. Checkpoint Charlie - American sector. 1963

3. Soviet anti-tank barriers. 1961

4. The original Checkpoint Charlie hut was removed on 22 June 1990, shortly after the fall of the Berlin Wall

5. The hut now stands in the grounds of the Allied Museum, Berlin

6. Strangely the hut was rebuilt in 2005 and the location is now referred to as a memorial site

7. Perhaps one of the most powerful images of the time. This bus carrying civilians through an East German check point has to negotiate a very tight entrance - almost reminiscent of a cattle run - perhaps to stop people exiting

8. Glad it's all over. Germans pour through Checkpoint Charlie on 9 November 1989 - the day the Berlin Wall fell

9. The scene in photo 8 is quite different to that depicted here, as US Army elements and Soviet forces face each other at Checkpoint Charlie in a tense stand-off



Fig 7.



Fig 8.



Fig 9.

Photo Credits: 1. Deutsches Bundesarchiv (Bild); 2. Roger Wollstadt; 3. Deutsches Bundesarchiv (Bild); 4. Deutsches Bundesarchiv (Bild); 5. Scapier; 6. Adrian Purser; 7. Deutsches Bundesarchiv (Bild); 8. Deutsches Bundesarchiv (Bild); 9. Public Affairs Directorate, US European Command

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NSA FIELD STATION TEUFELSBERG



Continued from page 37

The theory probably has its genesis in the fact that many German WWII underground sites were designed with such escape tunnels in place. But it's important to remember when the school was first built, it was overground. Other more baffling (and almost certainly untrue) stories surrounded the site, include the suggestion that a submarine with access to the nearby Havel River was concealed beneath the hill.

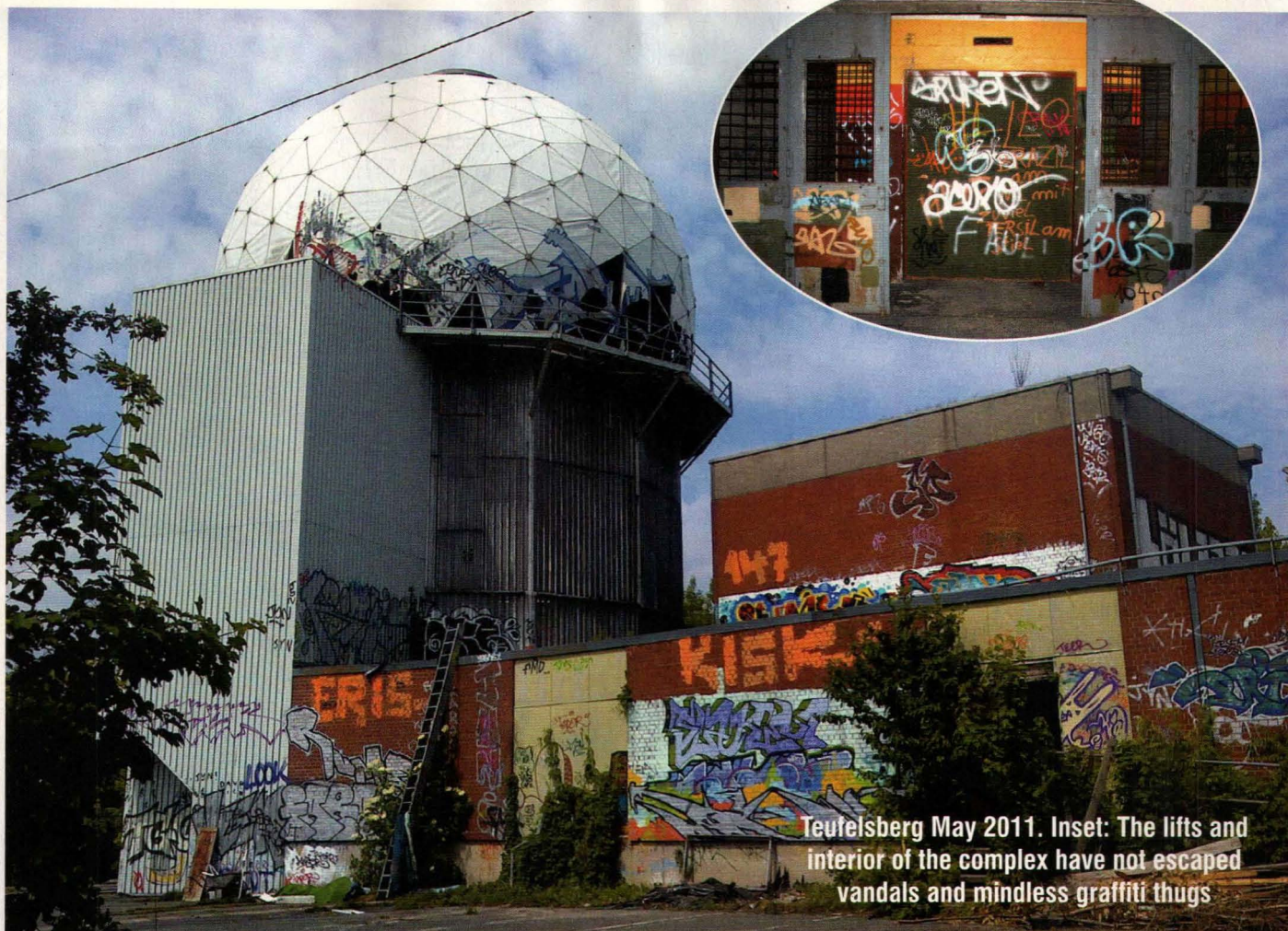


Following German reunification, and with the re-emergence of the city as a single entity in the 1990s, Berlin regained its status as one of the greatest cities in the world. These were great (and financially rewarding) times for those working in construction, and when a group of investors bought the Teufelsberg site, it was announced that architectural plans were being drawn up that would see a new hotel, shops and residences built on the hill. Interestingly, there was already some opposition to this, and reports soon started to appear that other parties wanted to develop the site as a visitor attraction in the guise of a spy museum.

Berlin's new found international status resulted in an influx of residents and businesses; plus the government's declaration that it should once again be the country's capital, resulted in new building projects across the city. Suddenly the Teufelsberg dream became unprofitable and the project was axed. There was talk a decade ago of Berlin buying back the site, but with a purchase price running into millions of pounds, this was not an option. And so the site remained unused and became a target for vandals, drug addicts and graffiti artists.



© PARKIN



Teufelsberg May 2011. Inset: The lifts and interior of the complex have not escaped vandals and mindless graffiti thugs

© PARKIN

But councillors and businesses continue to look at Teufelsberg's potential. One option explored by officials was to flatten the hill and create a woodland. Other groups have emerged with ideas, including the NSA Field Station Berlin Veterans Group. They hope to have the site named in honour of Major Arthur D. Nicholson, officially recognised as the "last Cold War casualty" (see page 38). Nicholson was on an intelligence mission when he was shot dead by a Russian guard near Ludwigslust on 24 March 1985. The incident caused much military tension between the two super powers of the world. Nicholson posthumously received the Purple Heart and a full military burial at Arlington National Cemetery.

By the middle of 2005, Berlin's City Council decided to categorise the site as a designated forest region. This effectively ruled out any possibility that new buildings could be placed on the hill. However, there is now real momentum that could yet see the site developed into a lasting memorial, visitor attraction and museum dedicated to the city's important role in the Cold War.

Campaign work for a Cold War museum continues and readers can support the development and find further information on the VFS Berlin website and the West Allierte Museum in Berlin (see links).

FIELD STATION BERLIN - VETS GROUP

The VFS web site says: 'Let us save Teufelsberg so that it will not be forgotten by Berlin, by Germany, by America, and by any future enemies who would try to threaten the peace. It can be a lasting memorial to the mutual friendship and peace of peoples who once fought one another in great wars. We, the veterans of Field Station Berlin propose that we all should work together to bring this proposal to the attention of governmental decision makers on both sides of the Atlantic Ocean, so that Teufelsberg will be preserved in fact, not just in our memories.' Eye Spy endorses that view and invites readers to support the work of the 'Vets' group and other Teufelsberg pressure groups.



LINKS: www.fsbvg.homestead.com/save_teufelsberg.html



WEST ALLIERTE IN BERLIN

A small but fine museum dedicated to the history of the three Western Allied Forces and their civilian employees in Berlin from 1945-1994

LINKS: www.west-allierte-in-berlin.de/



Save Berlin



Guided tours of NSA Field Station Berlin-Teufelsberg began for the very first time in February 2011. The two-hour tours are undertaken by both German and English language guides. Prices start from around £5.00.

The meeting point is in front of restaurant Scheune next to the metro-station at Grunewald (violet line S7), exit Eichkampstraße. Please send an e-mail to info@berlinsightout.de giving your name, and how many persons will be attending. Please request a listing of dates available.

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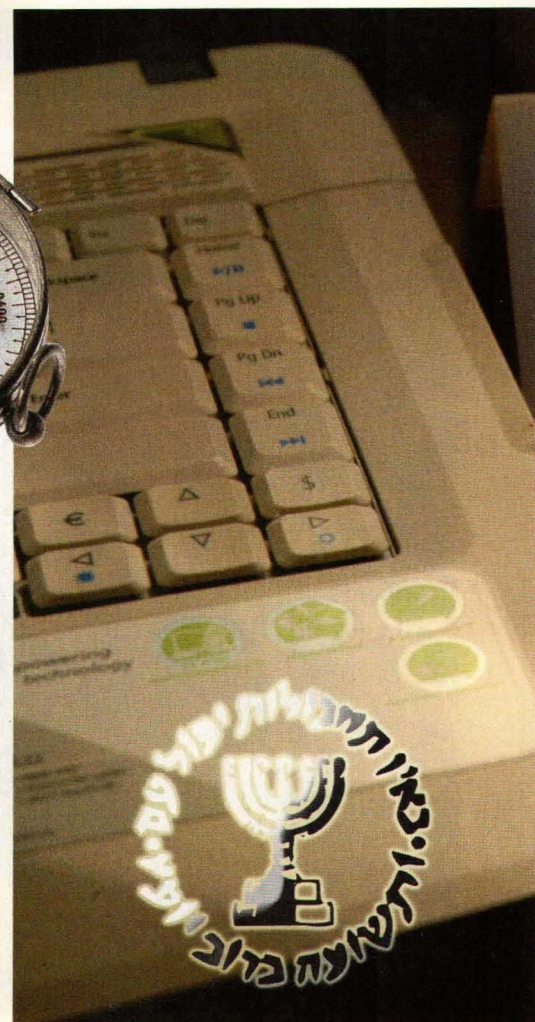
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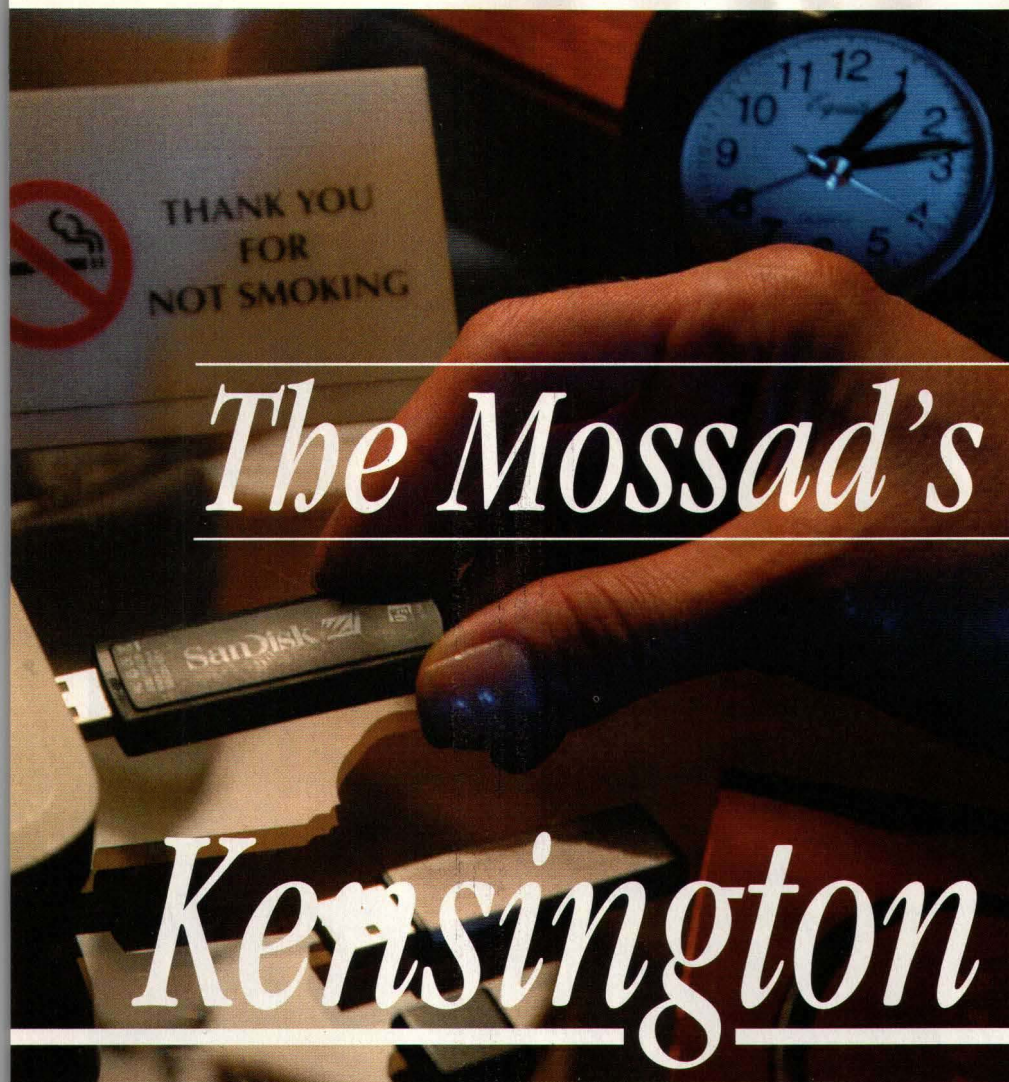


**Mossad allegedly pulled out
of operation after agents
discovered key nuclear
weapons intelligence**

It's true to say that the Mossad have a permanent presence in London, but then so to do many other foreign intelligence services. However, accusations levelled at the Israeli organisation's under-the-counter activities, are only matched by those plying a similar trade for Moscow - especially in the rather murky field of assassination. Standing on MI5's parade is not really a wise move, but few outfits in the world can match the Mossad when it comes to daring performances in places far away from home. Indeed, the



*The incident is very
reminiscent of the
assassination of
Hamas gun-runner
Mahmoud al-
Mabouh at the Al
Bustan Rotana Hotel
in Dubai January
2010*



The Mossad's

Kensington

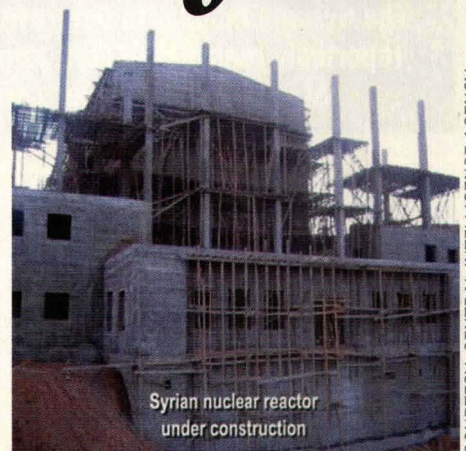
Researchers claim Mossad agents on hit operation stepped down after uploading signature virus that led to heart of Syria's nuclear weapons programme....

Trojan

'Institute' as it is known in the intelligence world, is feared for its prowess and ability to succeed where others would not even tread. Chillingly, its "eye-for-an-eye" mentality means it is no respecter of borders, and only the security of Israel counts. But that's not always gone down well with its many partners in the West and elsewhere.

Following Mossad's "Frederick Forsyth" scripted killing of Hamas agent and gun runner

Mahmoud al-Mabhoh in Dubai last year, Mossad has been keen to rebuild relations with its counterparts - especially those in London. At the turn of the year, new Israeli spy chief Tamir Pardo flew to London where secret talks were held to rebuild trust. There was even a deliberate note leaked to senior editors that spoke of a "Mossad apology". Now, this all followed Pardo's predecessor Meir Dagan's refusal to say sorry to the UK over his agents use of a number of stolen UK passports -



Syrian nuclear reactor under construction

COURTESY: CENTRAL INTELLIGENCE AGENCY

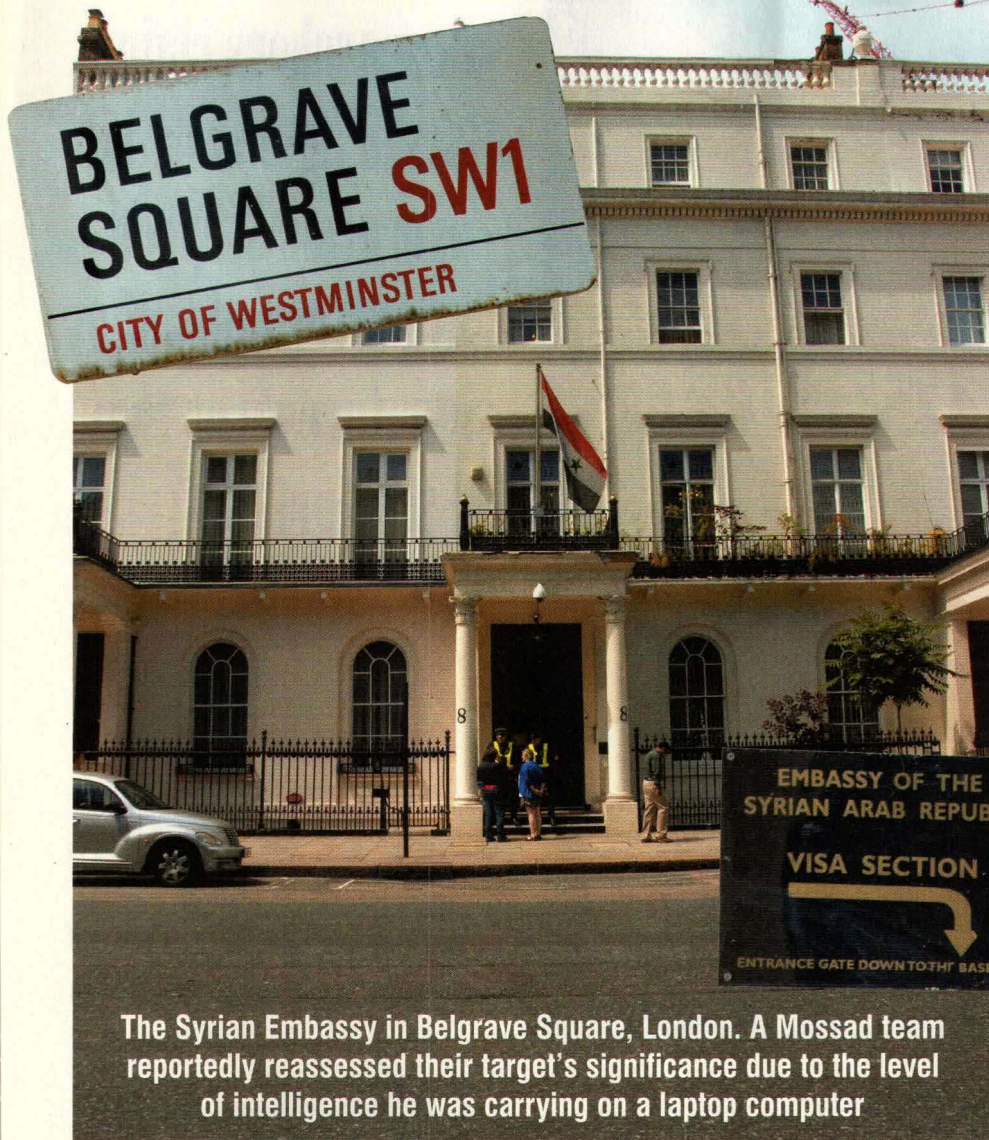
Mossad surveillance operatives were waiting for the [as yet] unnamed Syrian to arrive at Heathrow Airport



many trimmed up nicely by his agencies brilliant and formidable props directorate. But those in the know recognise that the Mossad is an ally of MI6, the CIA and other organisations, albeit one that has a tendency to go it alone.

With relations with the UK's intelligence services patched up, it must have come as something of a blow (perhaps nuisance value is a better description), when a media flyer was sent to the wires concerning the contents of a new book - *Israel vs Iran: the Shadow War*. Written by Yaakov Katz, the Jerusalem Post's military correspondent and Yoaz Hendel for Yediot Aharonot and Makor Rishon, the





book contains a significant story on a previously unknown Mossad operation that allegedly took place towards the end of 2006. It had serious repercussions, especially for Syria.

In Eye Spy 51, we featured the 6 September 2007 Mossad-backed IDF (Israeli Defence Force) raid on a remote and secret nuclear facility situated seven miles north of the village of Tibnah in the Dayr az Zawr region, about 90 miles from the Iraq border. Code-named Black September aircraft and commandos made short work of destroying the plant which was virtually a clone of reactors built in North Korea and Iran. It was most definitely connected to a top secret Syrian military programme. According to Eye Spy sources Mossad agents had managed to identify a cargo vessel that was carrying nuclear components from Pyongyang, North Korea, and destined for a Syrian port. It's highly likely that at least one of the crew was indeed a Mossad informant.

Israel had known about the building complex for about two years. Its own spy satellites had already picked out new roads and out buildings that had appeared in the middle of a desert area (a usual method of identifying new builds).

Mossad analysts deemed it suspicious and of course, the rest as one might say is "history".

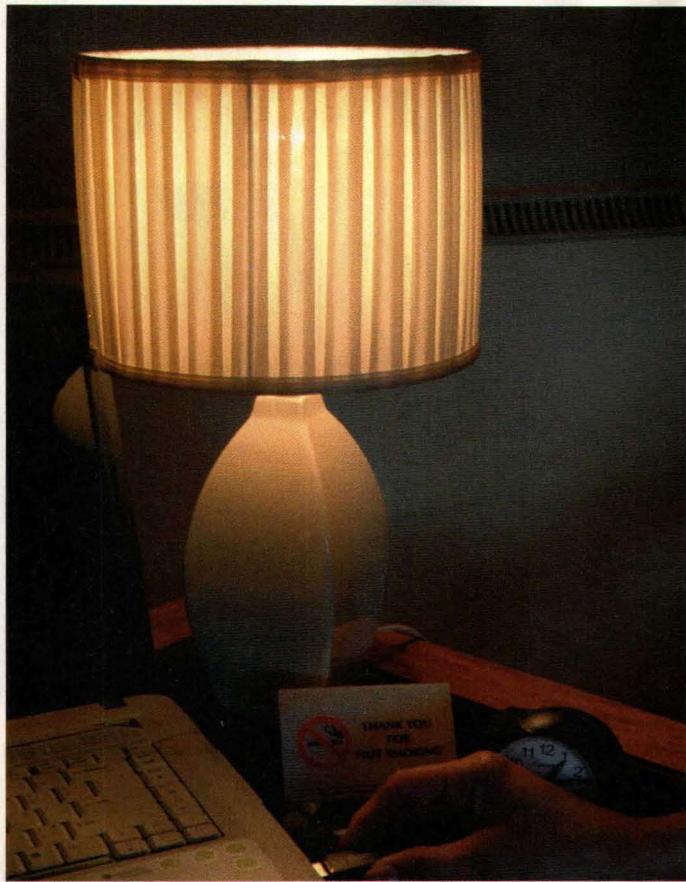
So what's in the Katz and Hendel work that has caused a new ripple or two between MI5 and the Mossad? The authors allege that the Mossad's Kiddon supported by the Neviot directorate, were sent to London in 2006 as part of Israel's greater effort to counter Iran (and Syria's) on-going efforts to secure a nuclear bomb.

These two elements of the Mossad are particularly potent. The Kiddon has a reputation for being present at the sharper end of Mossad operations (let's leave it at that), whilst MI5's own legendary spycatcher Peter Wright could have lined-up nicely with the folk from the Neviot, which in Hebrew translates to "spring of water". This unit, which is not that big but very good at what it does, has bugged its way across the globe, by virtue of surreptitious entry. They are also very good at electronic surveillance. It's entirely feasible both the Kiddon and members of the Neviot played some part in the Dubai operation which trapped and assassinated Mahmoud al-Mabhouh.



FACT FILE THE NEVIOT

...a small-sized Mossad unit has bugged its way across the globe by virtue of surreptitious entry... the outfit is also host to key surveillance agents and photographic specialists



Why the Syrian should travel to London with nuclear secrets on a laptop computer has baffled Eye Spy analysts

Now according to the authors, as many as twelve Mossad operatives were despatched to London in late 2006 with one intention - to kill a globe-trotting Syrian official who was considered an integral part of that country's ambition to acquire a nuclear bomb. Landing at Heathrow Airport, some operatives waited patiently for their target to arrive from Damascus. Like many spies visiting London, he chose to stay in Kensington. He was duly followed into a hotel (the authors have not yet revealed which one) and signed in. As a point of reference, the Mossad allegedly had prior knowledge he had booked into this particular hotel, and had a team already inside. The

Syrian was watched in the foyer and his room number identified. All was in place, it was just a question of when...

Katz and Hendel certainly have intelligence sources, and one person who must have had intimate knowledge of what happened next explained the official (also described as a diplomat) was carrying nuclear secrets. The next day the Mossad followed him to the nearby Syrian Embassy in Belgrave Square. Here he remained for some time, presumably holding a series of meetings. What happened next seems unusual, in that a decision was seemingly taken in Tel Aviv

Mossad surveillance operatives were waiting for the Syrian diplomat at Heathrow Airport



Eye Spy has been unable to ascertain which Kensington hotel received the Syrian diplomat

that the official should not be killed (there is talk of a "diplomatic incident").

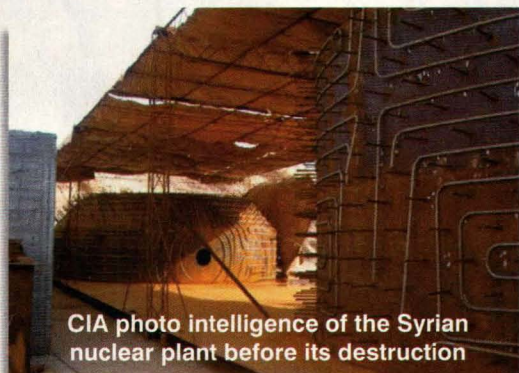
So, at some point later the agents broke into his room and discovered his laptop computer. They then reportedly down-loaded the machine's hard-drive and chose to upload a trojan horse virus. Remember, something very similar had happened to Mahmoud al-Mabhouh allowing the Mossad to track him via his e-mail across the greater Middle East.

The virus installed and their task complete, the Syrian was oblivious to the happenings. However, the virus also contained a key-stroke logger, thus allowing Mossad's computer forensic specialists and analysts a very detailed insight into his communications.

Back in Israel, the contents of the hard drive were pored over. Photographs, blueprints and technical data of the secret borderland reactor were found.

Israel's suspicions were proven and a special high-intensive effort ensued to create a plan whereby at the very least, the reactor would be destroyed. Of course, the Syrian site was built illegally and great effort was taken to keep the programme out of reach of the international community. Allegedly in August 2007, a pre-emptive and exploratory raid was performed to obtain more evidence, this in the form of soil samples. A month later Israeli Special Forces struck and the site was assigned to history. Syria had little space for manoeuvre because the building reflected an underworld attempt to help Iran build its nuclear bomb. There were a few complaints that a "food factory" had been mistakenly attacked, but this didn't explain why Syrian builders using dozens of bulldozers had been called in to completely flatten the area and bury the complex. Spy satellite technology, however, had already been used to obtain a plethora of photo evidence.

For one man, however, Mossad's discovery of the reactor almost certainly saved his life - the Syrian diplomat. "His computer and its contents turned out to be his life insurance. If it weren't for that, he wouldn't have left Europe alive," a security official said.



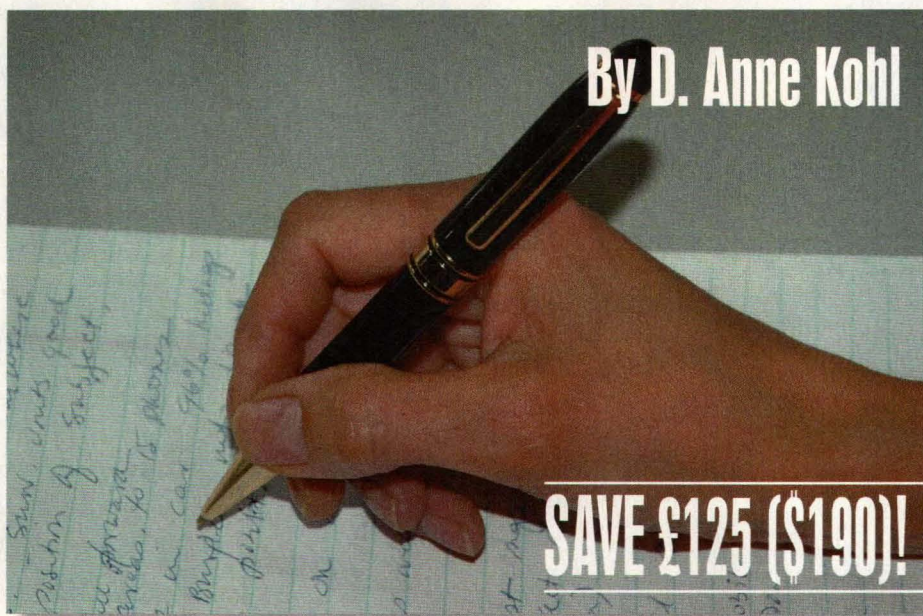
CIA photo intelligence of the Syrian nuclear plant before its destruction



Israel vs Iran: the Shadow War is set for release in November 2011 (Potomac Books)

EYE SPY

Product Review



By D. Anne Kohl

SAVE £125 (\$190)!

Voice Activated Pen Recorder

Recently we received a new one-touch covert voice recorder pen for review. It appears just like any normal business pen, *Monte Blanc* in design and writes

perfectly well. It also has a nice heavy feel to it - unlike many of the cheaper models that are available. Eye Spy stocks several audio pens, so I was interested to compare this recorder with older models. I plugged the unit into a PC and an hour later it was fully charged although two hours is recommended: older models tend to take much longer anywhere from four hours to an overnight charge.

Several audio pens on the market sound 'muffled' depending on where the microphone is placed, especially on the body, in the pocket etc.

Others have to be quite near to the source of the sound. We opted to test this recorder at a distance of about 15 feet and proceeded to generate a five minute recording of a casual conversation I was having with colleagues.

The pen can be plugged into a computer by unscrewing its middle; this reveals a USB connection point for the supplied cable. The pen itself quickly installed the drivers needed to upload the file. I was prompted for a computer restart to install the drivers, which I did and it worked like a charm and brought up my sub folder to access the media files. It was simple to navigate to the folder because there is only one folder within the pen. I clicked on my audio file and I was very happy with the outcome. It played a nice crisp sounding audio of the conversation I had with colleagues.

VOICE ACTIVATION

This was also the first voice activated pen that we have reviewed. Long pauses or 'dead air' on recordings just use up memory and can be irritating and time-consuming on playback. This unit automatically began recording the instant it heard a voice or sound and stopped when the noise or conversation ceased. The process continues until you click the recorder off. If you prefer, you can simply record continuously in manual mode which we found to be a superior function.

It's not difficult to find a digital voice recorder pen as there are a number on the market that have several hours of audio recording time. However, most of these pens feature lots of buttons or lights, which means the

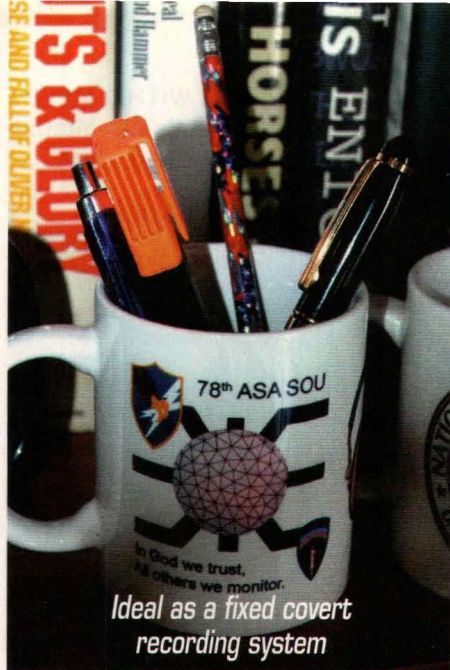
Quality earphones allow instant and discreet playback of recording

USB lead connects pen with computer - automatic software installation allows instant uploading

Two additional ink cartridges included

Pen unscrews revealing USB port

High-quality, slim and beautifully crafted - Eye Spy's new Voice Activated covert recording pen



ALL PHOTOGRAPHS © EYE SPY

pen is anything but covert. This digital recorder pen is discreet with one button and a tiny hole located towards the top half of the pen which none of our unsuspecting targets noticed.

The hole is for you to see the pens current status ie: red light = recording mode, blue light = charging mode, green light = MP3 mode.

RECORDING FUNCTIONS

When using the voice recording function, the light automatically turns off after five seconds for secrecy. The inconspicuous control to start/stop recordings does not emit any sound and only gives a brief flashing indication to let you know its status before commencing recording. Compared to the other pen recorders, this version is far superior in terms of its covertness.

Saving recordings was a simple click of the button followed by a flashing indication for five seconds to let you know the material has been saved to its internal flash memory.

Besides listening to the recording via a PC, the unit also comes with ear phones that simply clip into the pen. This allows instant playback.

CONCLUSION

If you're looking for a very easy-to-use covert audio pen, this one-touch recorder gets my vote of confidence. With its super simple design, superior audio pick-up, voice activated recording, short recharge time and easy download capabilities, you can operate with confidence. It also has a huge 71-hour recording capacity.

As for the benefits in the intelligence world there are many. Pens are items that we all use and on

a daily basis. Leaving such a pen lying around on the table at home will not look out of place to your children or spouse. The same holds true for cars, office desks, or even wearing them in clothes pockets. For discreet, covert interviews this high-quality pen is ideal.



Specifications:

- High quality built-in microphone records up to 20 feet
- No flashing lights during recording and no large buttons on body of pen unlike most other models
- Voice activated recording mode
- After power on it automatically goes in standby record mode
- High quality recording quality of 192kps WAV format simply drag and drop the recording to computer by USB port



Technical details:

Recording time 6 to 8 hours
Recording capacity of 71 hours
System support: Microsoft Windows 2000/XP/Vista/NT o.s 10.0 or above
Interface: USB2.0
Built in 3.7v Hi Li-ion rechargeable battery
Charge time: 1 to 2 hours of charging will last 6 to 8 hours of continuous recording
Dimensions: 145x14mm

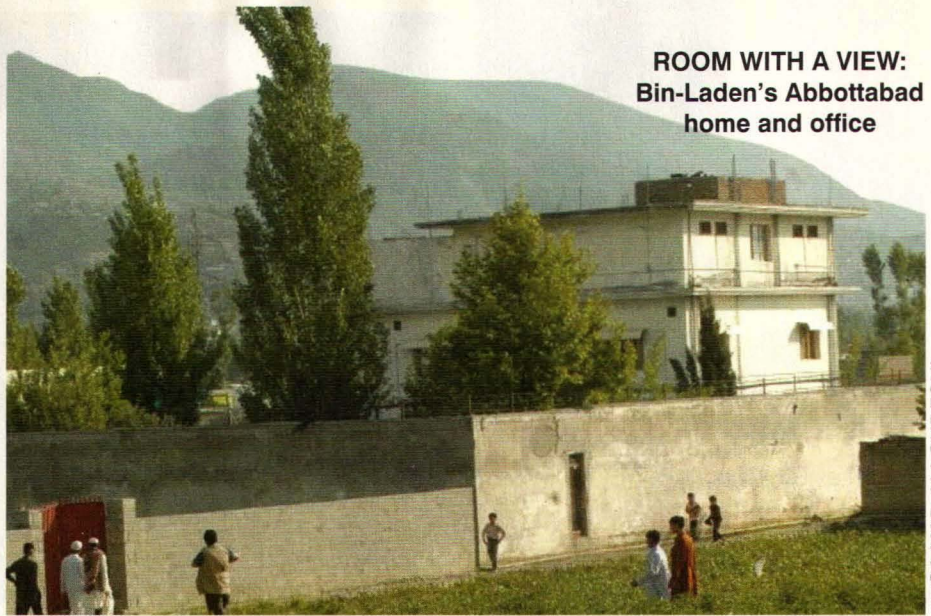
USB cable, earphones, instructions and two ink cartridge refills supplied

Ref: ES/VAP/2011UK: £75.00
USA \$130.00 ROW: £85.00
(price includes postage and package)
RRP £200.00 UK

Pen recorded perfectly in all environments, including inside moving vehicle

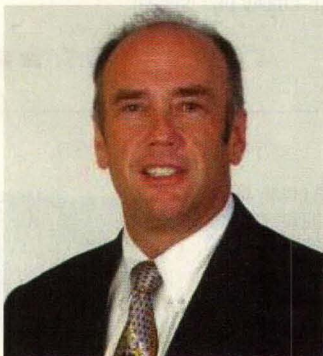
CIA

ROOM WITH A VIEW:
Bin-Laden's Abbottabad
home and office



© SAJJAD ALI QURESHI

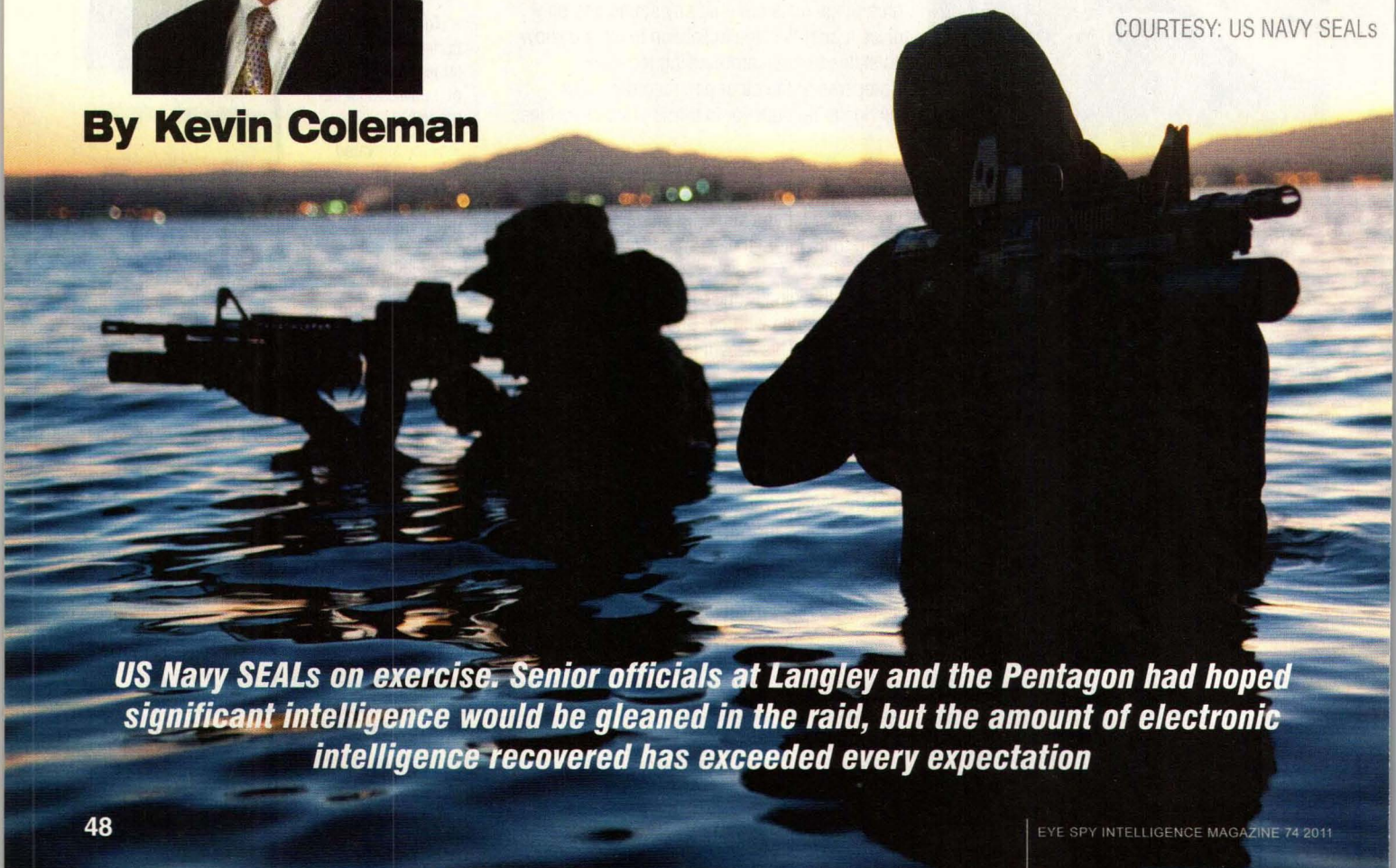
AND ELECTRONIC INTEL



By Kevin Coleman

Osama Bin-Laden's flawed belief that he would never be found created an "air of invisibility" which led to a blatant lack of "home security measures". However, the intelligence gleaned by the CIA on computers, memory sticks and cell phones retrieved by the Agency at his Pakistan safe house will provide years of work for analysts...

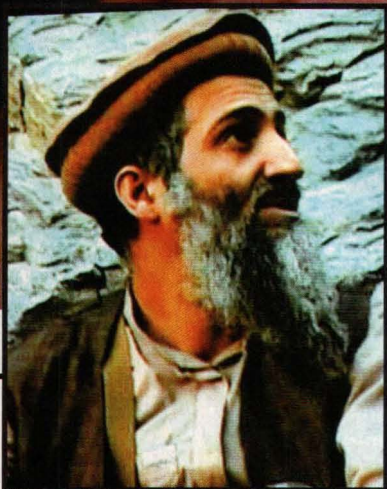
COURTESY: US NAVY SEALs



US Navy SEALs on exercise. Senior officials at Langley and the Pentagon had hoped significant intelligence would be gleaned in the raid, but the amount of electronic intelligence recovered has exceeded every expectation

INTEL WILL EVENTUALLY EXPOSE MORE TERRORISTS AND AL-QAIDA'S 'HIDDEN HELPERS' - A FACT WHICH CONCERNS SOME OFFICIALS...

© TALISMAN INTELLIGENCE LIBRARY FOR EYE SPY



Though the CIA released an early statement on what was actually recovered in the compound, nothing will be revealed on the computer/cell phone intelligence "lifted" from the memory devices

Electronic items and documents seized from Osama bin-Laden's (OBL) Abbottabad compound in Pakistan are said to amount to the largest cache of intelligence ever gathered from an al-Qaida location. Eye Spy sources have compared the intelligence collection to that which would fill the library of a small university. A 'score' so significant one Pentagon intelligence official told Eye Spy: "The indexing, cataloguing and analysis of just the readily available data will take months; the forensic recovery of overwritten and deleted files on the computer devices might take years."

The following listing is an accurate inventory of what we believe was collected from several rooms within the primary building and annexes. Do note that the casings from the computers were not recovered:

- 5 computer laptops
- 10 computer hard drives
- 10 cell phones
- 100-150 thumb drive/memory sticks
- Dozens of CDs/DVDs
- Numerous documents including letters and personal hand-written notes

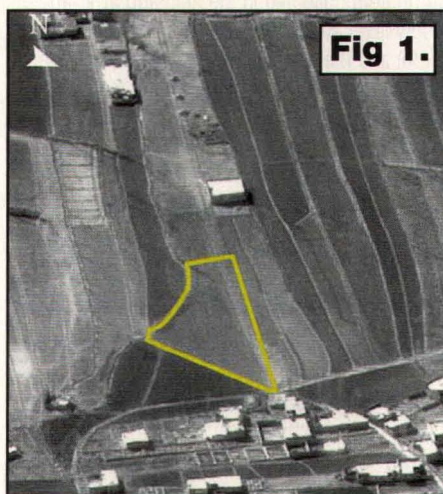


Fig 1.

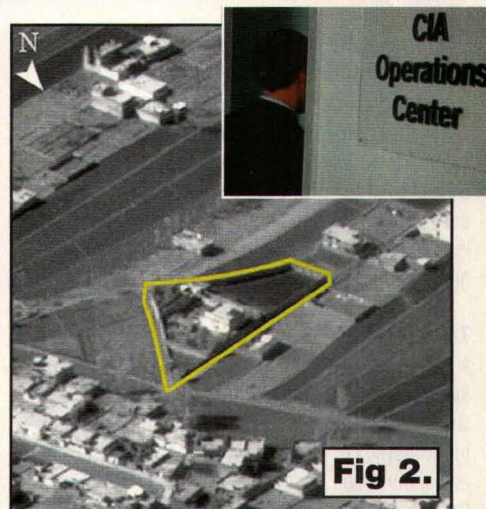


Fig 2.

Relevant satellite/aerial intelligence. The CIA believe bin-Laden could have been making plans to live in the compound for several years. These images show the empty Abbottabad location in 2004 (Fig.1) and the site as it appears roughly today (Fig.2)

Intelligence analysts and computer forensic specialists from several agencies within the US Intelligence Community (IC) are busy retrieving data including that from deleted files. The review and analysis of the cache has already generated security concerns inside the United States and warnings have been issued. Sources inside one of the US 'three letter' organisations said: "This is the calm before the storm."

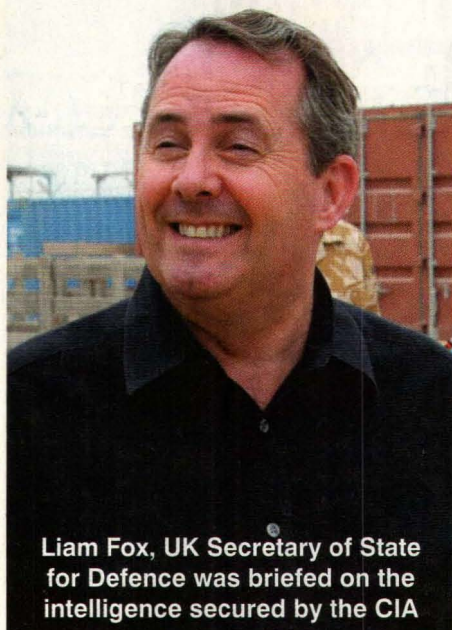
With this amount of data it will take time to create a response and it is a race against the clock to get ahead of any planned attack. Similarly, no-one is yet sure if the material has led to other leading al-Qaida terrorists, but there has been a significant number of intel-operations against high-profile figures.

A trip to a local computer store yielded the following information about how much data could be stored on the devices and other media SEAL Team 6 collected:

- Today the average computer hard drive is 120 GB.
- Modern cell phones can hold up to 8 GB.
- Thumb drives / Memory sticks can hold up to 256 GB.
- A CD holds between 650-700 MB.
- A DVD holds approximately 4.7 GB.

The total storage capacity has been calculated at 2.7 terabytes and that requires a huge analysis effort.





Liam Fox, UK Secretary of State for Defence was briefed on the intelligence secured by the CIA

A task force is working 24 hours a day – seven days a week. Its efforts are said to produce one (1) new lead on terrorist leadership or activities an hour.

Mike Rogers, Chairman of the House Intelligence Committee said: "There's a lot we have to go through, some encryption, some coding. This will take a considerable amount of time." A rushed examination of the digital information collected at the compound has already changed commonly held beliefs about al-Qaida's leadership and operations, including OBL's hands-on control of some strategic decisions.

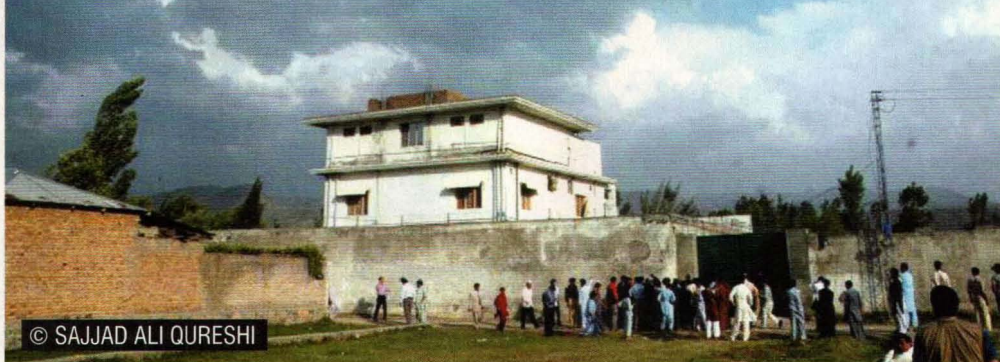
There are likely deleted files and overwritten areas of storage on the seized equipment and storage media which will require digital forensics. Digital forensics is part science and part technology. For years now digital research tools and techniques have evolved at a steady pace. Cutting-edge techniques and best practices for all aspects of digital forensics will be applied to the array of storage devices collected from Osama bin-Laden's compound. Sources told Eye Spy they are cautiously optimistic about the intelligence community's ability to unlock the secrets currently stored on devices and retrieve the files that use to be stored there. These techniques will have to be performed to discover the presence of this type of information and that will take some additional time as well.

DIGITAL FORENSICS

Digital forensics is a branch of science encompassing the discovery, recovery and investigation of files found in computers and on digital devices. Information we have analysed makes it appear that data security measures were limited (poor) on most of the evidence collected (not encrypted). This is attributed to OBL's extended stay within the walls of the compound. After residing there year after year, most people would

A MACABRE TOURIST ATTRACTION:

Bin-Laden's compound in Abbottabad still attracts many people. It will be interesting to see what happens to this building - a site which for the terror leader turned out to be his last redoubt



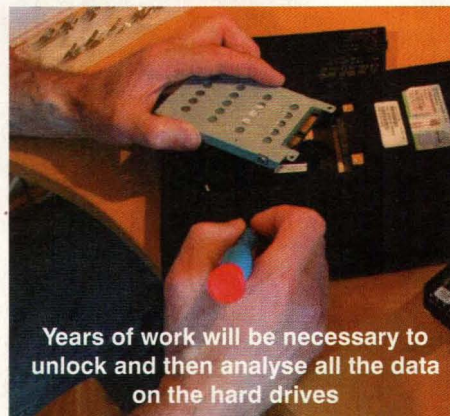
© SAJJAD ALI QURESHI

become less concerned with computer security; to this add the fact that there were no telephone lines for modems and no broadband internet connection and it is easy to understand why complacency set in.

Computers collected in the field and after arrests of low level al-Qaida operatives have proven very useful and the material found now is from the command and control centre of the global terrorist network.

Information we have analysed makes it appear that data security measures were limited on most of the evidence collected

In 2007, a US Department of Defense "summary of evidence" document used in support of charges brought against Khalid Sheikh Mohammed, reported that a hard drive seized during his capture contained information on the four commercial aeroplanes hijacked on 9/11, including code names, airline company, flight number, target, pilots names and background information; plus the names of the hijackers themselves.



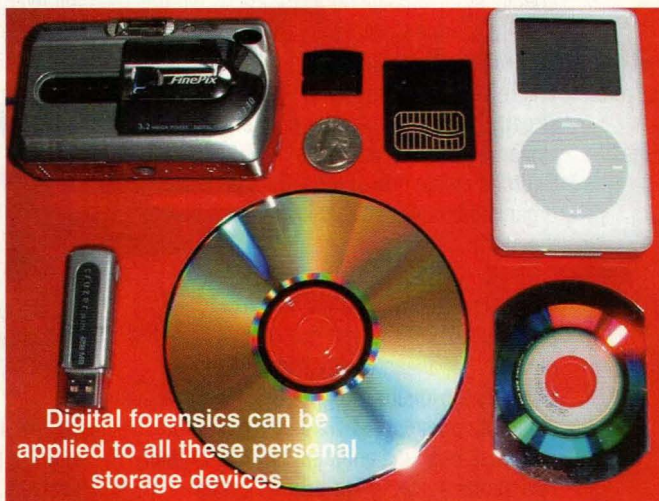
This clearly shows al-Qaida's use of computers and their potential importance.

The value of the recovered OBL digital assets are said to be incalculable. So much so that foreign intelligence executives (other intel services) are anxious to receive information about the intelligence collected during the raid on the compound. Do note we have learned the sharing of some of this intelligence is currently being planned.

Just recently, British Defense Secretary Dr Liam Fox announced his intention to visit the United States to discuss the massive collection of intelligence gathered by SEAL Team 6. Dr Fox said: "I am going to America to discuss in detail these issues. Al-Qaida is still a threat."

While many officials celebrate the successful OBL mission and the valuable intelligence it has so obviously produced, it is not without cost. Many intelligence organisations (spokespersons) have warned of retaliatory actions by al-Qaida franchises and cells across the world. Conventional acts of terrorism as well as acts of cyber terrorism are deemed highly likely.

Everyone needs to increase their vigilance in the physical world and in cyber space.



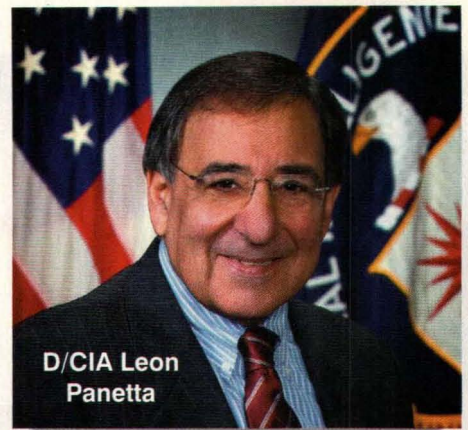
Digital forensics can be applied to all these personal storage devices



CIA-ISI SPY WARS



Suspected CIA informants arrested for helping to capture Osama bin-Laden



D/CIA Leon Panetta

Pakistan's Inter-Services Intelligence Agency (ISI), ordered the detention of five people it believes helped the CIA identify, monitor and then capture the world's most wanted terrorist.

Those arrested have been strangely described as "CIA informants". One of the men is believed to be an army officer, whilst another allegedly rented a safe house to a CIA contact man close to the terror chief's high-walled compound. The arrests have provoked anger within the CIA's hierarchy and once again brought into question the ISI's long-term relationship with its American counterpart.

When this story surfaced, senior Pakistan officials tried to play down the matter. "This story is completely baseless," said a government spokesman.

At time of publication, Eye Spy understands one of the suspects, Major Amir Aziz, 45, commander of Pakistan's Medical Corp,



Osama bin-Laden's compound

had been detained in Abbottabad. Newspapers in Pakistan said "an army major copied the license plates of visiting cars to the compound in the weeks leading up to the raid." Eye Spy believes Major Aziz lived 200 yards from bin-Laden. However, we understand he was but one of numerous residents in the area questioned by the ISI.

Few intelligence watchers doubt that someone or some agency helped the CIA's surveillance directorate to find bin-Laden. However, there are powerful elements in the ISI - furious that they were kept out of the loop, and played no part in the end game operation. Other officers oppose the US action altogether and feel embarrassed such an incident could happen right under their noses. The 2 May raid was seen as a provocation by many people in Pakistan.



Pakistan Embassy, Washington DC

Despite secret discussions in Islamabad with the ISI's executive board, D/CIA Leon Panetta has warned the White House that his organisation is at a critical crossroads in its relationship with the ISI. It didn't help matters when Panetta showed high-resolution and Top Secret National Security Agency (NSA) surveillance imagery of terrorists emptying a warehouse packed with weaponry in the volatile Waziristan region. This happened just less than 72 hours after the CIA had provided coordinates to the ISI of the weapons storage unit. The implication here is that a rogue officer

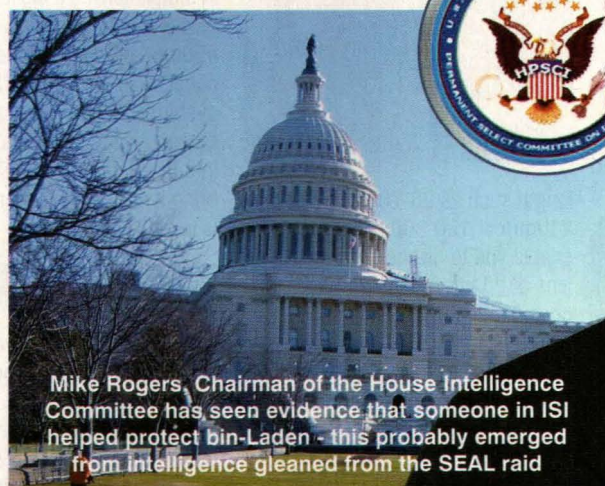


Husain Haqqani, Pakistan Ambassador to the USA has held high-level meetings in Washington about the detained men

in the ISI simply tipped-off al-Qaida or the Taliban. And of course, when an operational Pakistan Army task force did arrive at the site, it was completely empty.

While D/CIA Panetta was as diplomatic as ever, Mike Rogers, Chairman of the House Intelligence Committee was not so forgiving. Eye Spy understands Rogers has seen first-hand "qualified evidence" that some officers in the ISI and military helped protect bin-Laden in Abbottabad. From whence that intelligence was gleaned we know not, however, Rogers has acknowledged that he has "no proof" to support his assertion, only drawing reference to "information" that he had seen. Either way, we believe Rogers travelled to Islamabad in early June and did make comment about these issues.

A Pakistan counter-intelligence officer said his country was quite entitled to arrest anyone it suspects of being a spy. This doesn't bode well for the arrested men. A more constructive, but nonetheless interesting comment was issued by Husain Haqqani, Pakistan Ambassador to Washington: "The CIA and ISI are working through some issues..."



Mike Rogers, Chairman of the House Intelligence Committee has seen evidence that someone in ISI helped protect bin-Laden - this probably emerged from intelligence gleaned from the SEAL raid

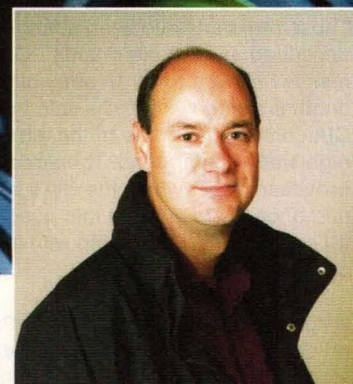


SURVEILLANCE

PHOTOGRAPHY

Part Three

Camera Lenses



WITH PETER JENKINS



THE CAMERA LENS - a device which focuses the light onto a sensor to form an image; that image must be sharp in order to produce clear pictures...

FOCAL LENGTH

The view seen through any lens is governed by its focal length (usually measured in millimetres).

This focal length is the distance from the objective lens to the sensor. A standard lens is 55mm and sees roughly the same view as the human eye.

There are a wide range of lenses available for the surveillance photographer. Lenses of 250mm to 300mm are normally adequate to bring your subject closer. Zoom lenses (lenses with varying focal



length such as 28-70mm, 70-210mm or 100-300mm) are ideal and enable you to 'frame' the picture. A lens of 28mm or less would be considered a wide angle lens.

In digital photography, the focal length of a lens is different to that of

Lenses should be cleaned regularly with the correct cloth/brush/accessories



The speed of the lens is normally marked on the lens barrel as a ratio. In this case 1:3.5-4.5

a 35mm wet film camera. A digital lens is 1.5 times better than its old counterpart in terms of focal length. In simple terms, a digital 300mm lens is the equivalent to a dated 450mm and a 100mm digital lens is equal to an old 150mm lens. As the system is digital, you now also have the advantage of being able to zoom into the picture electronically to bring it even closer after the picture is taken.

LENS SPEED

In Eye Spy 73, we showed how a large aperture allows more light in than a smaller aperture. Each lens has a 'speed' and this is marked on the lens barrel as an 'f' stop and is the widest setting possible. For



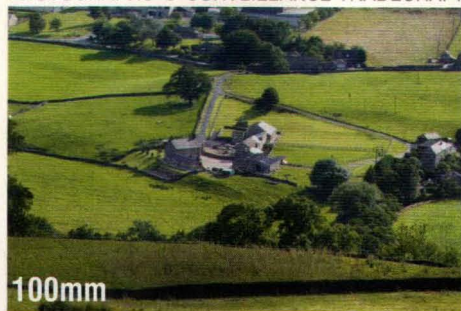
f2.8

Large and small apertures on the same lens



f16

© MOHYLEK



100mm



200mm



400mm

example, an average 50mm lens will have an aperture range of f3.4 to f16, the speed of this lens is f3.4. An average 300mm lens will have an aperture range of f4.5 to f22 so its speed will be f4.5.

Sports photographers and the paparazzi are often seen with long lenses of 300mm and above but you will note that they are also very wide in diameter. This is because they are designed to let in as much light as possible and their speed can be as fast as f1.8. This enables the photographer to use faster shutter speeds in order to 'freeze the action'.

Depth of field is normally very narrow with such lenses, especially when using wider apertures, therefore focusing on the subject has to be precise. You will also note that many of these lenses are coloured white, this allows them to reflect heat rather than absorb it, which can distort the lens.

TELE-CONVERTERS

Tele-converters offer a cheap way of extending your lens' focal length. It is a small cylindrical tube that is fitted between the camera and the lens; a 2x converter doubles the focal length so that a 200mm telephoto now becomes a powerful 400mm. However, there is a disadvantage as your aperture settings will also be reduced by 2 f

stops. If your 200mm lens is an f4 it now becomes f8 and so shooting in low light may be difficult.

SHUTTER SPEED AND TELEPHOTO LENSES

In surveillance, fast shutter speeds are normally required because we are using long lenses and have to overcome image blur caused by camera shake. And of course, operatives are often required to photograph moving subjects.

With telephoto lenses, in addition to the picture being magnified, camera shake is also exaggerated. Therefore, try to use a support or tripod whenever possible. If the camera has to be hand-held, use the following table as a guide to selecting a shutter speed that will help you prevent blur.

For every mm of focal length lens used, use a reciprocal shutter speed; for example:

Lens	Shutter Speed
50mm	1/50th
100mm	1/125th
250mm	1/250th
500mm	1/500th

In poor lighting conditions, you will not always be able to obtain an ideal shutter speed. For example, if the



Two photos taken from a distance of 50 metres, hand-held with a 400mm lens. The sharper photo was taken at a shutter speed of 1/320th, - the other at 1/90th of a second

weather is very dull and you have a 300mm lens fitted to the camera, the camera's exposure meter may tell you that a speed of 1/125 sec is required. If this is so, either use a support or try to hold the camera as steady as you can to prevent blur. There is also another technique that you can use to obtain faster shutter speeds called 'pushing' which is described below.

FILM SPEED AND ISO

The term 'film speed' is used to describe how light sensitive a wet film is and it is measured as an ISO rating. A 'fast' film of 400 ISO reacts very quickly to light, whereas a 'slow' film of 100 ISO is less sensitive and reacts slower, requiring brighter light or a longer exposure.

A 400 to 800 film is good for surveillance as it enables the camera to take pictures at faster shutter speeds but the disadvantage is that the pictures often turn out grainy (hence the poor quality of long range photographs of famous people in some celebrity lifestyle magazines).

In digital cameras, there is no film but the sensor reacts in a similar manner and they still have speed ratings. The ISO is normally set



Teleconverter shown with semi-transparent camera and tele lens overlay



Celebrity photographers at the Tribeca Film Festival

Camera settings, terminology, dials and functions, lenses and filters... all can initially seem daunting. However, with a little patience and practise they become understandable and are an immensely invaluable surveillance tool



© PAUL CHIN



automatically by the camera's meter to either 100 or 200 ISO. However, the ISO rating can be altered manually, or 'pushed' as it is called, which alters the sensitivity of the meter. For example, if you are using a f4.5, 300mm lens in low light and take a reading in programme mode: the camera gives you the maximum aperture of f4.5 but the shutter speed it selects is 1/90th of a second. This shutter speed is far too slow for the long lens and camera shake is inevitable. Remember, we need a shutter speed of at least 1/300th to match the focal length.

Therefore, if we now manually alter or push the ISO setting up to 1600 (see your camera manual on how to do this) and take the same reading, you will note that the aperture is still 4.5 (because it can't open any larger) but the shutter speed is now 1/500th of a second and much faster. This is what we are trying to

achieve to get a steady shot in low light. If a surveillance officer is in an Operational Post and shooting in twilight, he may consider pushing the speed.

As with wet film, the higher the ISO, the grainier the picture; the higher you push the speed, the more 'noise' will appear in the image, normally as red and blue specks. Top of the range cameras have a

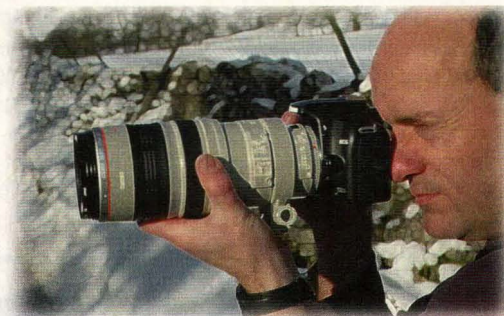
built in noise reduction facility but noise can usually be removed in computer packages such as Photoshop via the noise reduction filter.

If you push the ISO, don't forget to reset the ISO back to automatic afterwards. In surveillance photography, I would consider this as one of the most used functions on the camera.

KEEPING YOUR CAMERA STEADY

A Few General Tips

The way one holds a camera will greatly affect picture taking and can be the difference between a pin sharp picture and a blurred image. You may have spent a lot of money on a camera but it will not give you a faster shutter speed, therefore the picture quality starts with you, by holding it correctly. The following tips will help you take sharp pictures:



Support the weight of the lens barrel with your left hand

- Use a monopod or a tripod whenever possible, if this is not possible, turn your body into one

- Grip the camera firmly with the right hand, with your forefinger resting gently on the button and the remaining fingers gripping the side of the camera body. Your thumb should be pressed against the back of the camera

- Do not hold it too tight otherwise your hand will shake

- The left hand should be placed under the lens barrel to take the weight and also used to focus and control the zoom. Held like this you should be able to remove either hand and still have a tight grip of the camera

- Keep your elbows tucked into your body for support - important

- Stand in a position where you will not sway about, your feet should be shoulder width apart and one foot slightly in front of the other for maximum stability

- If kneeling or sitting, tuck your elbows into the insides of your knees

- Breathe out a little, hold your breath, squeeze the shutter gently. Do not snatch it or the camera will tilt

- Use a support to lean against especially when using slow shutter speeds. Do not rest the lens barrel on anything solid, rest your hand on the surface with the lens on top.

- If you have to turn the camera in order to shoot vertically, your right hand should be below the camera in order to support the weight.

- Use a fast shutter speed when possible, push the ISO setting

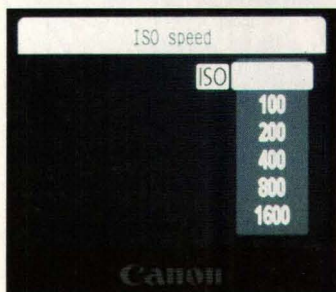
- If you are in a vehicle, switch off the engine and rest against something

- If your lens has stabilisation, switch it on

In the next issue of Eye Spy, Peter Jenkins takes a look at 'metering' and how to obtain a good exposure in difficult situations



ISO set manually from AUTO and "pushed" to 800





Special Forces and MI6's Lincolnshire Poacher

Of much interest to intelligence watchers monitoring the on-going Libyan conflict, was the detention of an eight man UK 'diplomatic mission' by supporters of the Rebel movement in eastern Libya. The report on what happened was covered in Eye Spy 73, but I've chosen to look at the codewords, communications and equipment carried by the joint UKSF-MI6 unit.

It's more than feasible that one or more of the group were special signallers, 264 Special Air Service (SAS) Signals Squadron being one such supporting unit. Signals' members

supporting Special Forces need to pass the UK's tough Special Forces Communicator selection. Wherever the specialists are drawn from they would have been part of the much larger 18 (UKSF) Signals Regiment whose support duties provide specifically secure communications for operations such as this. They will also provide ELINT (electronic intelligence) by the interception and analysis of radio emissions from any target, designated or not, and perhaps most importantly the provision of SIGINT (signals intelligence).

SIGINT is the monitoring and interception of communications such as radio transmissions within targeted forces, undeniably a necessary

provision to other services who may need to engage an enemy whose communications are subject to such interception and analysis.

The secret UK group had with them a number of passports, interestingly all to the favour of one man but from different countries. There's a hint of MI6's brilliant and highly secret props directorate about this document! The mens equipment included BGAN units, Satphones with additional batteries and necessary solar chargers, shortwave radios and GPS trackers. However, and in error, one soldier had password and user name details written on a piece of paper which was tucked inside a pocket.

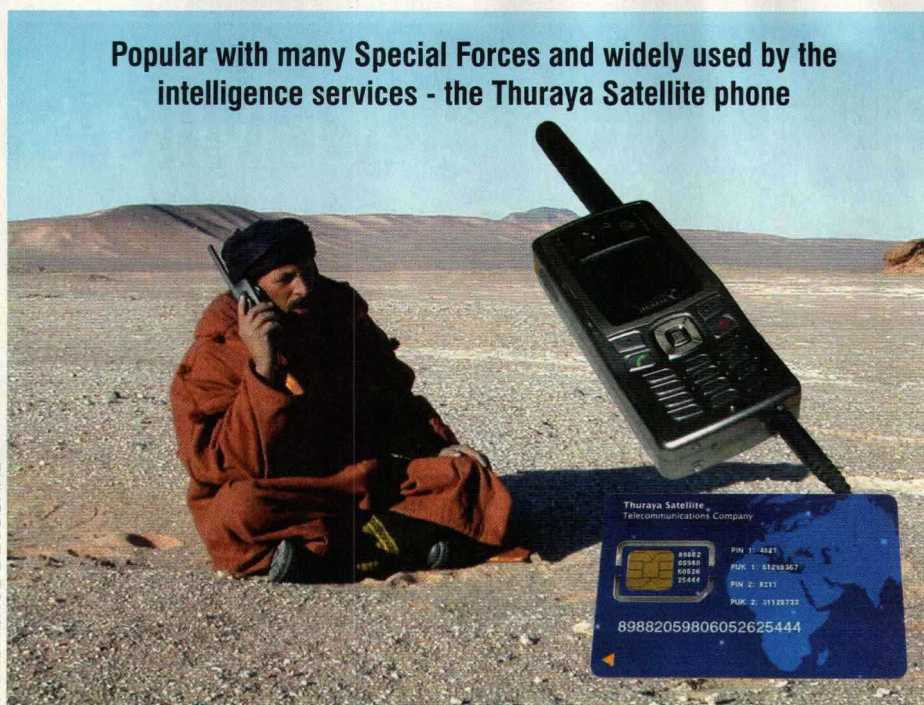


| BY PAUL BEAUMONT |

SUNATRA DEPLOYED

The confiscated MI6 and SAS passwords
which probably led to nowhere...

Popular with many Special Forces and widely used by the intelligence services - the Thuraya Satellite phone



A Thuraya phone in use in Algeria

According to Eye Spy sources, when the men were detained, a rebel reportedly used this detail to access a Ministry of Defence (MOD) computer system in the UK. "It is so inept, it is unbelievable," an intelligence commentator said at the time. The rebels tapped the username and passwords into the confiscated computers and a system opened with a screen that read 'Sunatra Deployed' - believed to be a gateway to a secure UK military network.

Whether the diplomats were MI6 officers or not is no longer conjecture; many nations have diplomats in their embassies who are

intelligence officers and titled as second secretaries, etc. However, the false passports complete with one single image might present a clue!

THE LINCOLNSHIRE POACHER AND MI6-SPECIAL FORCES EQUIPMENT

So what of the equipment? The satellite phones kept the team in contact with the UK and for general conversation to other operatives on the ground; of course it's also relatively easy, I'm told, to modify the operating system to utilise bespoke encryption at the press of a button sequence. The



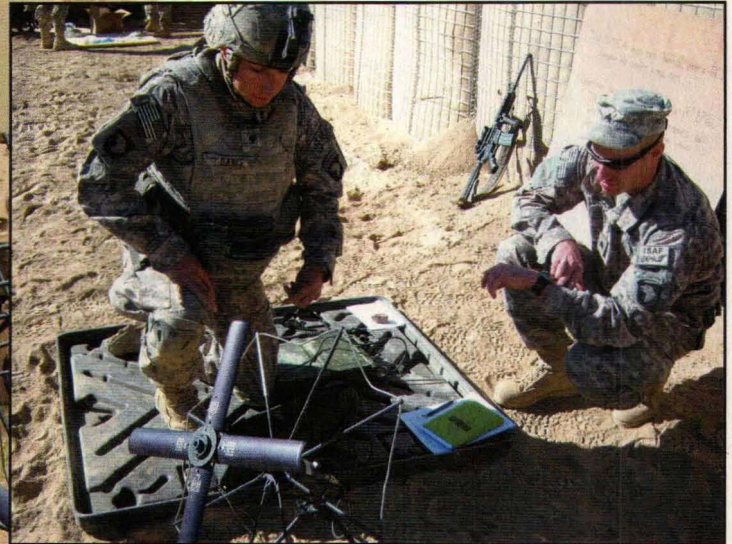
shortwave radios would allow users to keep an ear on the international scene as well as receive number messages in the event of the failure of other equipment. It's worth noting that the known number station E03 that has been attributed to Britain's MI6, also termed the 'Lincolnshire Poacher' because of its use of the old British folk song used as a tuning signal. It ceased operation, apparently from its operating base in Cyprus, some years ago.



Heavy Libyan Army armour lies in pieces following an air strike by NATO (French Air Force) on the outskirts of Benghazi



US troops get familiar with a portable field station satellite communications system



However, that's not to say there are no reserve frequencies and standby stations ready to send in the event of a problem!

The BGAN or Broadband Global Area Network is a satellite access system that once aligned with a satellite from anywhere on the globe, except at the poles, allows full broadband Internet for the user with some networking at the user end too. Modern versions allow the full 802.11 service so familiar to *wifi* users to be available as well. The batteries for these devices are Lithium Ion and like those extras seized would be easily charged using manpack solar cell technology producing around 60W or 18v at 3.3A and very suitable for charging 12volt systems; including the Thuraya Satellite Phone too.



A scene that could have been drawn from the picture - 'Mad Max', but the Libyan rebels have used every ounce of their ingenuity to adapt weaponry - here a Jeep carries a large artillery piece

The Ministry of Defence (MOD) and its Defence Intelligence Staff (DIS) were central to the dangerous midnight operation that resulted in the exposure of the Sunatra code-word



Crest of UK Royal Signals Corp



The joint SAS-MI6 team was transported to a desert location about 20 miles west of Benghazi by an RAF Chinook

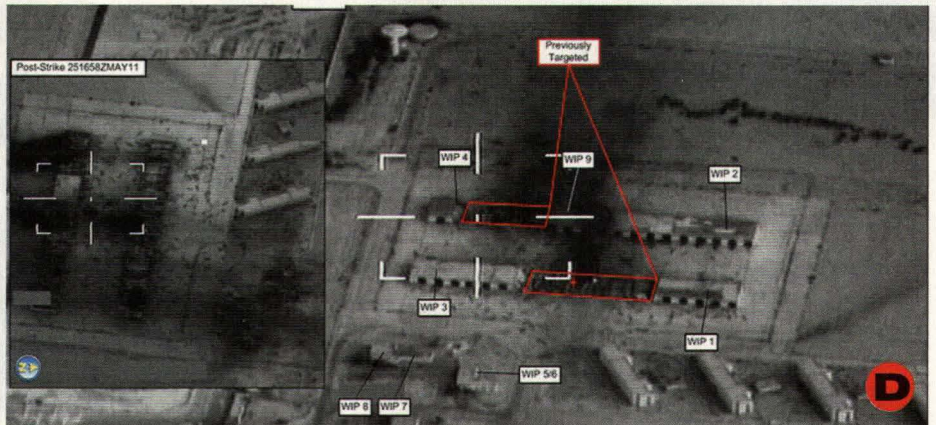
NO HIDING PLACE

PHOTOGRAPHIC INTELLIGENCE IMAGERY
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Precision strikes* by RAF on Gaddafi's offensive military infrastructure

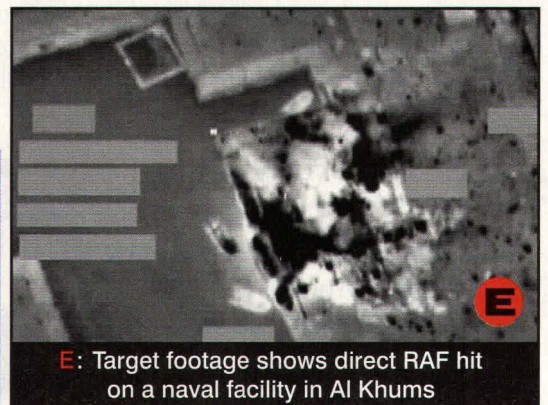


A: An RAF fighter bomber identifies a large munitions holding area near the city of Sirte. **B:** Seconds later the site is destroyed after receiving a direct hit by Paveway IV GPS or laser-guided bombs. **C:** A Libyan warship in the port of Al Khums is disabled by a Tornado. **D:** A military storage facility in Tiji is targeted by nine precision strikes



RAF INTELLIGENCE COLLECTION

Following the successful operation on the Sirte munitions site, intelligence collection overflights by Tornados revealed FROG-7 rocket launchers and several Scud missile canisters and transports. All were destroyed



E: Target footage shows direct RAF hit on a naval facility in Al Khums

A major RAF 2 (Mechanical Transport) Squadron convoy enroute through Italy to assist UK forces in Operation ELLAMY



* Eye Spy respectfully notes at least one NATO raid struck a building housing noncombatants in Tripoli killing 14 civilians



NATO emblem for its Operation Unified Protector which incorporates several member-state operations, including the UK's ELLAMY

The BGAN is about the size of a briefcase, highly resilient and also allows the use of VoIP, the Internet-style phone as well as e-mails, but all very securely. The modern BGAN was tested in Afghanistan so its use in Libya can be expected to be very efficient.

THE OPERATION

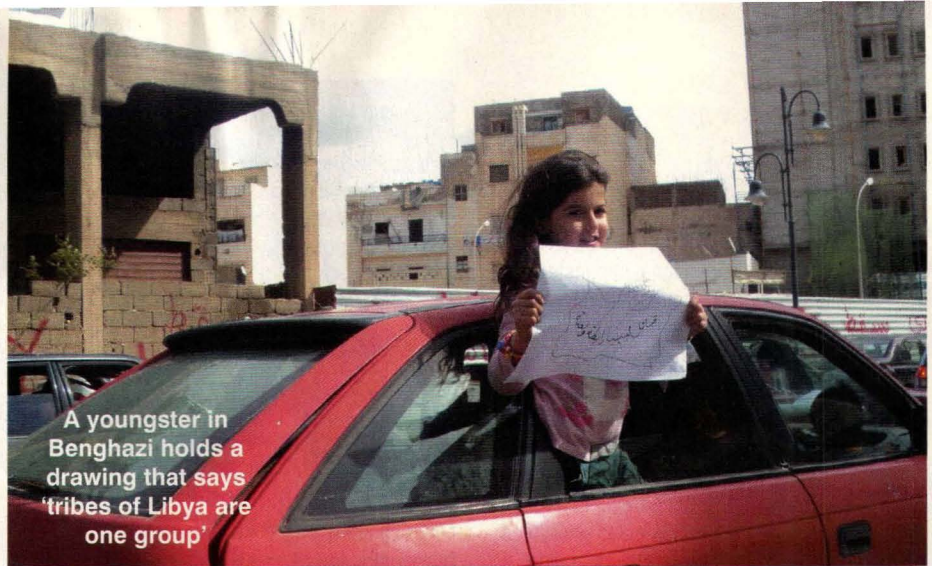
The media criticised a "failed" British Special Forces mission; that the team were ill-prepared and the operation was poorly planned. But one has to seriously look at the results. The team were released without any of their kit; nonetheless they obviously had senior contact with someone in authority as evidenced by their speedy return to UK shores. However, whilst the team were apparently detained their computers were fired up and an unidentified user apparently took advantage of the user names and passwords carelessly written on a scrap of paper. I can't comment about the security habits of Eye Spy readers, but I tend to keep all my usernames and passwords in my head.

Once those laptops were online the users couldn't believe their luck. As for the gateway screen - '*Sunatra Deployed*' - one rebel said: "It takes you right into the MOD system in the UK." When subsequently asked if the system was accessed, the rebel said: "Yes we did... but as a courtesy to the UK we will not divulge all, but just enough to let them know that we know. It's a good thing this hasn't fallen into enemy hands."

As soon as '*Sunatra Deployed*' appeared, those monitoring the Internet not only knew within a few seconds that Sunatra had indeed been deployed, but also where.

INTELLIGENCE ANALYSIS

Was the MOD website viewed by the rebels the real one? Probably not, but just artistic enough to look authentic.



A youngster in Benghazi holds a drawing that says 'tribes of Libya are one group'

© MAHER

Did the rebels access the Secret Intelligence Service (MI6) almost certainly not - they were probably directed to the MI6 jobs market advertising for Arabic speakers enabling whoever put the site up to add a few Arab

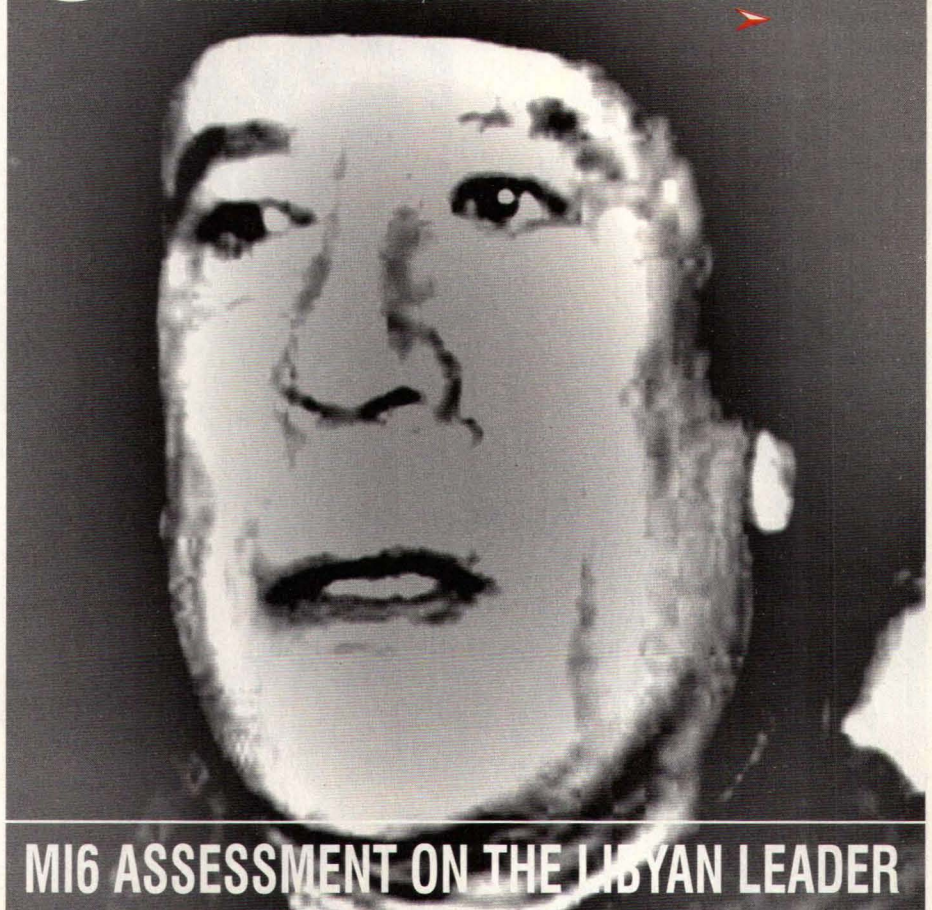
script characters and give it an air of authenticity.

Was the operation the failure the media en-bloc seemed to suggest? We think not...

PSYCHOLOGICAL WARFARE

MI6 CLOSE IN ON GADDAFI'S SECRET HIDEAWAYS

Supplied by intelligence gleaned from those close to Colonel Gaddafi's personal security detail, Britain's Secret Intelligence Service - MI6, has delivered a most revealing assessment over the mental state of Libya's commander-in-chief. The document, parts of which were filtered through inside channels to media editors, was the subject of a secret meeting between senior Ministry of Defence officials, Prime Minister David Cameron, and MI6 Chief Sir John Sawers.



MI6 ASSESSMENT ON THE LIBYAN LEADER

British Special Forces and MI6 agents reported that Colonel Gaddafi has been seen at various locations in and around Tripoli - often arriving in nondescript vehicles. One signal suggested he may well be travelling in an ambulance. There have also been several eye-witness accounts that the Libyan leader is staying in hospitals in the full knowledge that these targets are off limits to Allied forces intent on striking national defences.

GCHQ's Libyan Desk has been tracking and intercepting cell phone, land-line and encrypted calls of personnel close to Gaddafi, and also most Libyan government communications. This has reportedly forced the military to use more conventional methods to forward important communiques. All of this, combined with a "squeezing" of other media traffic and with the constant threat from the Allied air guard patrolling over the country, has, according to the MI6 assessment, disheartened Gaddafi. The phrase "paranoid" was used in the MI6 document.

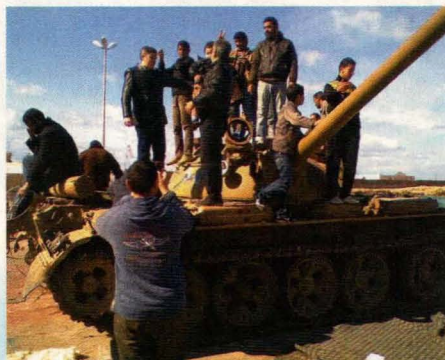
However, asked if Gaddafi was close to relinquishing power, MI6 analysts supported by MOD Defence Intelligence (DI) staff said "no." With this negative conclusion in hand, senior British military strategists requested that more physical and psychological power should be exerted on Gaddafi. This was agreed upon by Downing Street - the result being the Army has sent a number of powerful Apache helicopters to the region. Armed with Hellfire missiles, these low-flying aircraft can target specific buildings far more accurately than the Tornado or Typhoon, for example.

The announcement by premier Cameron, who said "I want to see us turning up the pressure [on Gaddafi] so we can make sure people in



Libya can chose their own future," was preceded by five directed UK missile attacks on government buildings previously used by Gaddafi as he continues to move from location to location. This operation was undoubtedly part of the psychological warfare now being performed by British Intelligence and the military, in effect warning Gaddafi his movements are known to MI6.

- Beside the obvious military pressure, economic and mental stress placed on Colonel Gaddafi, MI6 continues to use its prowess in the country to forge a communication back-channel with the Libyan leader and his inner circle. If this was to succeed, MI6 believes a negotiated settlement is possible. A fully working "diplomatic liaison" has already been created with senior people from the Libyan rebel movement.



A Libyan Army tank disabled following an RAF strike



TOP SECRET: MI6 has already submitted an assessment advising that Gaddafi will not leave his office without a fight

© EYE SPY

ANOTHER CLASSIC FBI ST

SELLING

FBI and NCIS t he sought liais

US Navy Petty Officer (Reservist) 2nd Class Bryan Minkyu Martin, 22, a navy intelligence specialist, has been given a 34 year prison sentence for attempted espionage. Martin pleaded guilty to four charges of trying sell classified US material to an agent he believed was in the service of Chinese Intelligence. Unfortunately for Martin, the PLA (People's Liberation Army) spy was in fact an undercover FBI officer who went by the name 'Mr Lee'. "My bosses will be pleased," Mr Lee told Martin - who had no idea he was referring to senior officers housed in the FBI's counter-espionage directorate at the Bureau's Washington DC headquarters.

Martin, who served in the intelligence division at the Norfolk naval base in Virginia, had agreed fees totalling \$11,500 (£7,000) in exchange for documents, photographs and images classified as secret or top secret. The documents reportedly contained details of naval operations, satellite imagery and intelligence assessments related to operations in Afghanistan and Iraq.

UNDERCOVER WITH THE FBI

In a carefully orchestrated operation, Martin told Mr Lee he could prove a very valuable



COURTESY: US NAVY

US SECRETS

Part navy intel specialist as
with 'Chinese spy handler'



FIRST CONTACT

Martin met 'Mr Lee' here at the Hampton Inn in Spring Lake, North Carolina

"long term" source of information over his next 20 years service in the US Navy. He also said he would end up working for the powerful Defense Intelligence Agency (DIA). This bogus relationship grew after Martin was assigned to Joint Special Operations Command at Fort Bragg in preparation for deployment to Afghanistan. Clearly Naval internal security and the FBI had background information which caused red flags to fly and led to deep concerns about the loyalty of the officer. In an early exchange with Lee, Martin said his finances were poor and he accepted \$500. He even asked whether payments were greater for different types of intel from various theatres. Other payments then followed for more documents, some totalling as much as \$8,000.

To cement the espionage charges and prove beyond any doubt the serviceman was intent to go ahead with the deal, Martin ill-advisedly signed a receipt for \$11,500 he had received for earlier 'transactions'. US security services also filmed three hours of surveillance footage recording his liaisons with the 'Chinese spy' at various motels near the military base. Prior to their first encounter, Martin asked how he would recognise Lee. The FBI agent said he would be sitting in the lobby of the Hampton Inn in Spring Lake, North Carolina on 15 November 2010 reading a Chinese language newspaper. Once his signature for the cash was secured, FBI prosecutors had sufficient evidence to put an end to his ambitious and ill-advised plan. Martin was arrested on 1 December by officers working for the Naval Criminal Investigative Service (NCIS) and the FBI in Fayetteville, North Carolina. As the security unit burst into his room, Martin made a desperate attempt to hide his ill-gotten money.

In court a military judge said Martin was "blinded by greed," this after acknowledging his treachery which he said was driven by greed. "I am filled with remorse and self-loathing," he said.



COURTESY: US ARMY

Martin embarked upon his espionage folly when he was assigned to an army unit at Fort Bragg in preparation for a spell in Afghanistan. The navy officer said he was having financial problems despite his reported \$4,000 a month job

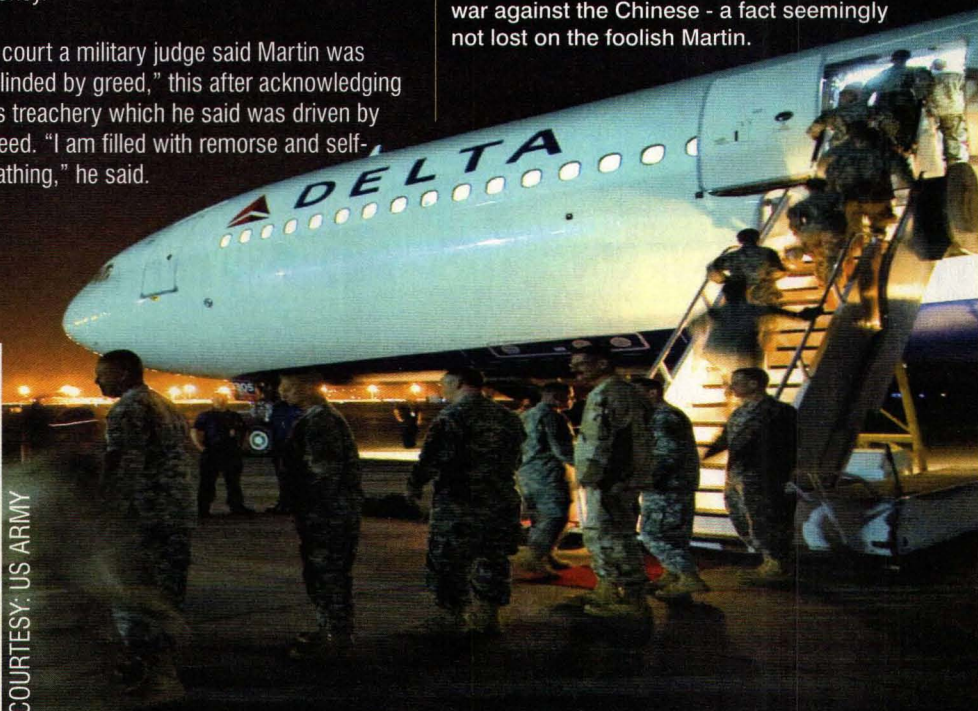


COURTESY: US NAVY

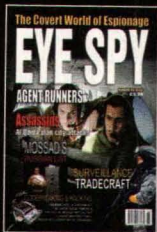
OUT OF HIS DEPTH

Martin was trapped in a relatively simple FBI-NCIS sting operation - his naivety to the world of counter-espionage clearly evident

Editor's comment: In years gone-by, Martin, who even at such a young age had Top Secret Clearance (TSC) could well have faced the death sentence for his treachery, as it is, he only escaped a life-term because he pleaded guilty. Just as relevant is a comment made by Martin to the FBI in which he says he "chose the Chinese" because he firmly believed they "would pay most" for American military secrets. It is true to say the US intelligence community and the country's military arms are engaged in a huge counter-espionage war against the Chinese - a fact seemingly not lost on the foolish Martin.







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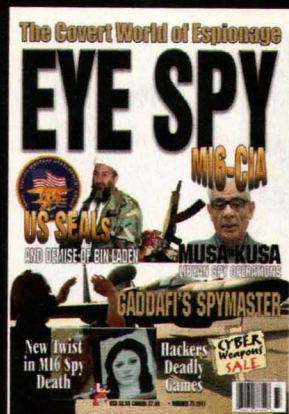
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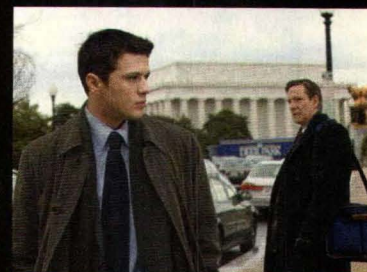


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CELL PHONE ESPIONAGE

"People seem oblivious to the fact that it is relatively easy to bug a cell phone... virtually any phone"

Eye Spy examines the history of cell phone interception, bugging and data theft from these tiny devices. Plus a chilling insight into the new vulnerabilities that face users, builders and operators...

It's becoming quite a rarity on the streets of our major towns and cities - the good old fashioned public telephone or call box. Yet in respect of eavesdropping and security, it is far superior to that must have item - the all powerful cell phone. In a world increasingly besotted with gadgets, games, photos, twitter and instant communication, you very rarely hear that once polite enquiry - "could you direct me to the nearest public telephone?" Now - just before you learn about a new ultra-low-cost piece of eavesdropping technology, you might just want to keep the phrase 'on tap' for that most important telephone call.

Today, most people regard cell phones as part of their business or social dress code: they are an essential product grasped tightly when venturing out of the home. Some even refer to them as a necessary fashion accessory, while others are keen to display the latest models - complete with matching colour coordinated ear phones. They have become an obsession. In the world of business, the cell phone is the single most important item after the car. But look a little deeper; our cell phone number is held by family members, friends, business associates and a host of companies eager to do business with you. No one seems to question its security, or ever consider the possibility that a private conversation or text message is vulnerable to interception. Of course those involved in the game of espionage recognise the importance of countermeasures, and at an intelligence level, some defence systems can be enabled. For

those who ply their trade on a national security level accessing cell phone data is quite easy. Interception has always been the domain of security services and agencies such as GCHQ and the NSA (with warrant in hand). But a decade ago, as the millennium passed, high-end technology created in the public sector meant that it was only a matter of time before interception and hacking was within the reach of those prepared to dabble with wiring and software long into the night.

SPY PHONE GENESIS

The first 'spy cell phones' were fairly basic. Referred to as 'dead phones', a slight reconfiguration of the motherboard and the

insertion of additional microphones meant that one could call up (silently) a cell phone and listen-in to sounds and conversations close-by. If a person tried to use the phone, no call could be made... the phone appeared dead - or the battery flat. It was, in reality an overt bugging device. By 2002, other devices started to appear where the user could configure the phone to act as a 'dead phone', and then by entering a simple code, it could also be used to accept and make calls.



These gentlemen may well be modelling telephone units - considered state-of-art for 1905



IONAGE

SPECIAL REPORT



External wiring gave the user the option of attaching the phone to a land-line or a car battery - ideal for vehicle monitoring. Before long, users had another choice. The specially devised Interceptor was born. More advanced technology meant that you give such phones as a gift or a work tool, and then listen-in to any calls via your own cell phone. In this case, your phone would ring simultaneously when the provided phone was activated. The cell phone was also an integral part of a land-line bugging system called the Matrix. All still pretty basic stuff, but potentially explosive.

Without risking a lawsuit, thus not naming users or operators, it was the interceptor type of cell phone that was at the centre of spy scandal a few years ago. A set of specially configured cell phones were issued on mass and for

© ALEXANDER KLINK



KARSTEN NOHL

One of the world's leading researchers into cell phone interception and the technologies associated with their security. Nohl has certainly caused ripples in the industry which have prompted much discussion and led to better counter-measures

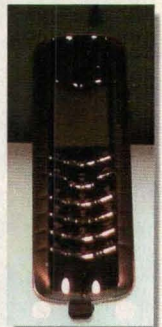


The world of telephone communication technology (both cell and landline) has moved on dramatically. Once owned by a privileged few, now telephones and their mobile counterparts (combined) easily outnumber their human operators

CELL PHONE FASHION

Perhaps the most expensive cell phone is the Signature Cobra by Vertu, a design and manufacturing company of luxury phones (subsidiary of Nokia). This will empty your wallet or purse to the tune of

£200,000 (\$300,000). Vertu's regular model - the Signature Diamond - is just a snip at £55,000. Other models are of course significantly lower in price. Pictured here is the Signature - cost around £6,000.



several months conversations and texts were exposed. Thereafter, the Internet conspired with orbiting satellites and innocent communication companies to make cell phone interception frightfully easy.

In 2008, Eye Spy was asked by perhaps the world's most famous television broadcasting company just how easy it was to bug a cell phone. One of our editors was cut off mid-stream probably because of legal issues involving the Royal Family. However, that can't happen ➤

© EYE SPY

Main: This Matrix device uses a cell phone to forward communications from a landline or vehicle. **Inset:** Eye Spy Enigma Elite - essentially a listening device which can be activated from anywhere in the world





Changing the SIM card does not necessarily guarantee an 'infected' cell phone will not continue to operate some viruses

in the written pages of Eye Spy, so in truth, with the cell phone in hand, and bluetooth technology, it takes about 60 seconds. The cost is minimal. Crucial in this case was one needed the unit and number. But in the last 24 months the ease in which a cell phone can be attacked has chillingly increased - and it is no longer necessary to have the phone in hand. Concerned parents and spouses might argue that they have a right to listen-in... to monitor the content or nature of the call. Similarly, business users could say the cell phones are company property and they do not want them abused. However, let's be clear, to listen-in without the consent of the user is almost

certainly illegal and the same can be said with accessing voice-call boxes on the cell phone. Government organisations require a warrant and good reason to monitor a particular cell phone (or land-line). However, users outside the intelligence and security community exist - lots of them, and a new generation of spy phone technology has emerged that makes detection virtually impossible.

NEW SPYWARE AND TECHNOLOGIES

From those early spy phones which involved the manipulation of hardware, a new range of 'spyware' has been born. This has been made possible because the creators of cell phones are using a plethora of advanced and scaled-down software that affords thousands of different uses for a cell phone, from games and social networking, to sanctioning and performing multi-million pound business deals from the comfort of your home - and in any location on Earth.

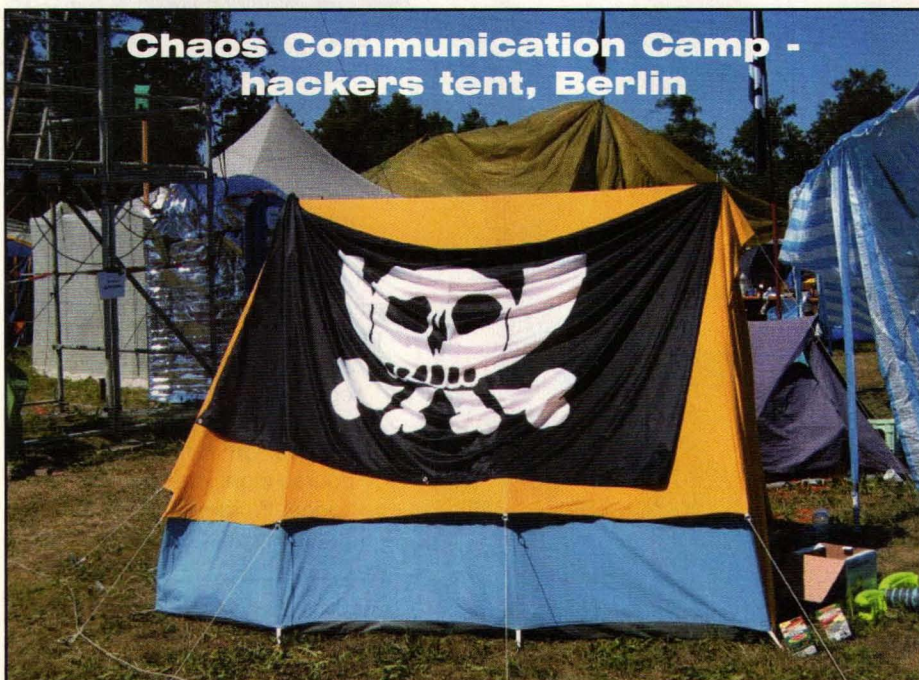
With technology advances, and downloadable add-ons comes risk, and it appears those intent of providing a multi-tasking cell phone have forgotten about the spies, villains and general snoopers who want a slice of your action.

Have cell phone will travel...

If this cell phone contains an eavesdropping programme and is switched-on or off in the vehicle, any subsequent conversation either with a caller or passenger can be heard

There has been much concern of late in the UK over the eavesdropping of celebrity cell phones. But this is just the tip of the iceberg, and in terms of the intelligence world, those charged with countermeasures and intelligence gathering regard such cases as irritating and for the gossip freaks only. If the cell phone of a prime minister or senior intelligence figure was hacked, then it becomes serious. So, with this in mind, it's worth looking at the new methods employed and available to intercept a cell phone call or text message. There are a fast growing number of companies emerging that sell what's known as

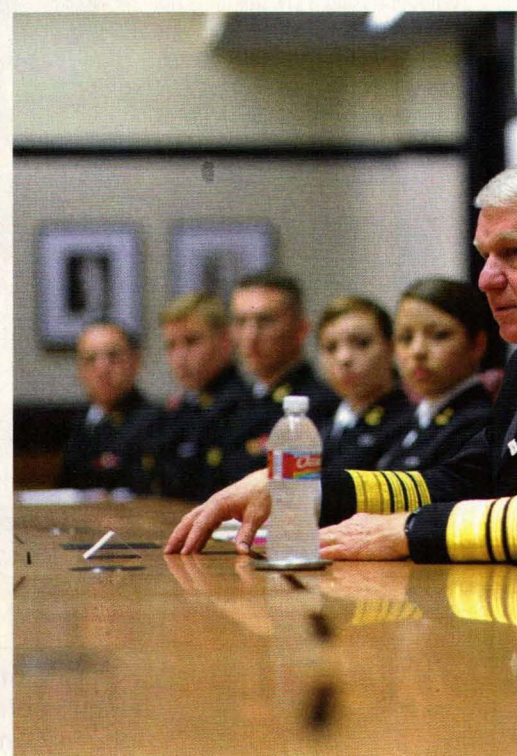
Chaos Communication Camp - hackers tent, Berlin



Emblem on a visitors tent identified as the CCC pirate flag to Chaos Computer Club Camp 2003, Berlin. The CCC hosts the annual Chaos Communication Congress in the city, and besides attracting budding hackers and computer buffs, is also of great interest to the cell phone/computer industry and intelligence community

THE CHAOS COMPUTER CLUB

Co-founded by Herwart Holland-Moritz (right), also known as Wau Holland in 1981. One of the oldest hacking clubs, its profile was lifted dramatically after a serious hack into a television station which resulted in some £60,000 being transferred into a bogus account. The money was returned the next day but the group achieved its goal by exposing serious failures in the firm's security wing.



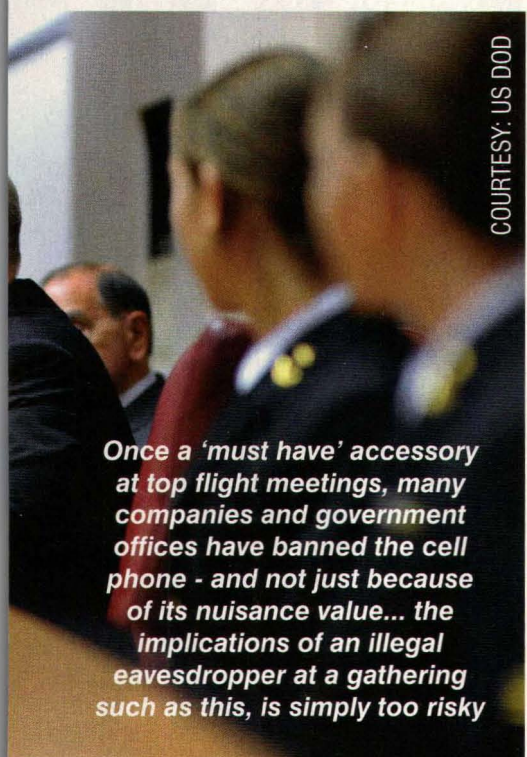
FACT FILE

World Population: 6.9 billion

Number of Cell Phones: 5.2 billion



'spyware' for cell phones, computers and other well known gadgets. It's essentially software that is available for single performance actions, or you can opt to purchase a 'suite' of damaging and potentially illegal programmes. Yet what makes this range mind-boggling dangerous, is all that is required is a cell phone number. For example, for a few hundred pounds you can download a piece of software that allows you send as a disguised text message to a target number. The cell phone doesn't even know it has been sent a message. The software then wends its way into the phone's programme, effectively

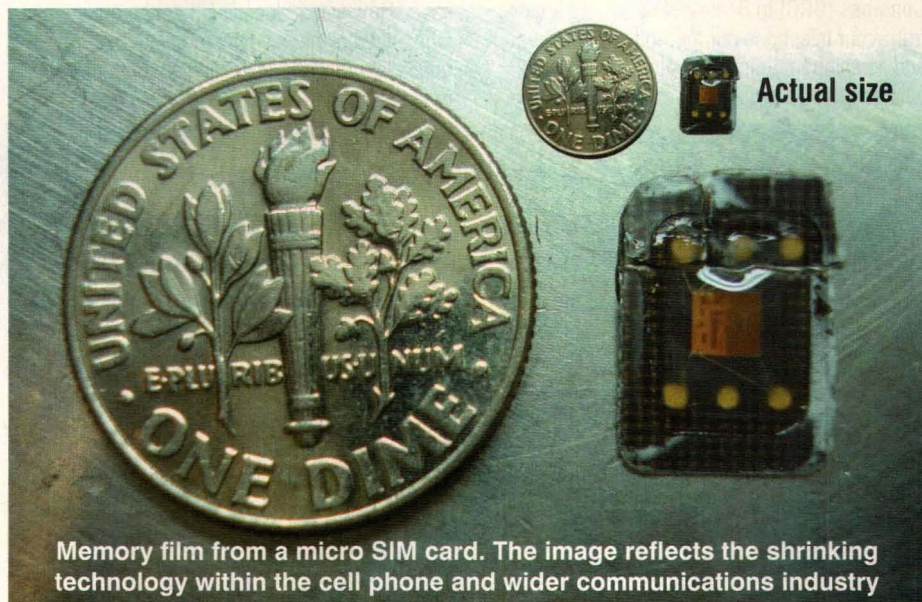


COURTESY: US DOD

Once a 'must have' accessory at top flight meetings, many companies and government offices have banned the cell phone - and not just because of its nuisance value... the implications of an illegal eavesdropper at a gathering such as this, is simply too risky



Gadgets, music, accessories, internal cameras, Apps, games and much, much more. A whole new world of products has grown around the cell phone. Users seem far more concerned about such items than the safety and confidentiality of their conversations, text messages and yes... photographs and video clips



Actual size

Memory film from a micro SIM card. The image reflects the shrinking technology within the cell phone and wider communications industry

© DABOMBAZZ



Eye Spy Enigma Elite - ideal in many covert/overt listening environments

turning the unit into a spy phone. The rogue software will upload a number (or numbers) that is automatically contacted when a call is made or received by the infected phone. And don't think by changing the SIM card and effectively its number, that this will get rid of the problem, the 'menace' communication also attaches itself to the actual unique number of the phone itself. Once a new SIM card is deployed, the process starts all over again. Time to throw away the thing and start again we think!

The complete suite of interceptor programmes once cost well in excess of £1,500 (\$2,000), but this is falling every year and the basic elements are within range of most pockets. For example, if you only require the interception of text messages, this can be purchased for about £250.00 (\$350.00). Now, it is possible that if you suspect your cell phone has been bugged, to have it examined by a specialist and occasionally 'cleaned'. But what's the point? It is expensive and you may as well purchase another unit. As for intercepting cell phone calls without the use of commonly available soft or hardware, it is still possible, but the technology used is restricted and costs upwards of £40,000 (\$65,000). Here one begins to enter the domain of the intelligence world. But a new report from an 'old friend' has sent shivers down the spine of many operators in the cell phone intercept business.

In January 2010, Eye Spy looked at the work of one of the most famous (or infamous) researchers who has made it his mission exposing the fragility of cell phone security technology - his name is Karsten Nohl. The German researcher announced he had cracked the A5/1 code which is used to encrypt calls dominated by GSM-based technology. Experts in the industry



thought this was impossible, but Nohl and a team of hackers joined a bank of computers together and the rest is history (see Eye Spy 66). One year on, and Nohl is at it again, this time in conjunction with another researcher, Sylvain Munaut. In Nohl's first tests, he revealed that about 80% of cell phones were vulnerable, now it seems that they all are. Indeed, purchasing that certain piece of equipment costing £40,000 is no longer necessary. With four cheap cell phones and freely available software, Nohl and Munaut demonstrated their eavesdropping research kit at the Chaos Computer Club Congress (CCC) in Berlin. "Now there's a path from your telephone number to me finding you and listening to your calls," Nohl said. "The whole way." *Do not ignore Nohl's words.*

Simeon Coney, a spokesman for cell phone security firm Adaptive Mobile, said the work looked fairly thorough. "Especially interesting is how the attack is aimed at a specific target phone, which could lead to malicious interest of high value targets. This isn't an attack that is today readily repeatable yet by the anyone unfamiliar with the underlying technology," he said. "However, it does illustrate the manners in which the cell phone system could be compromised in a focused attack in less protected markets."



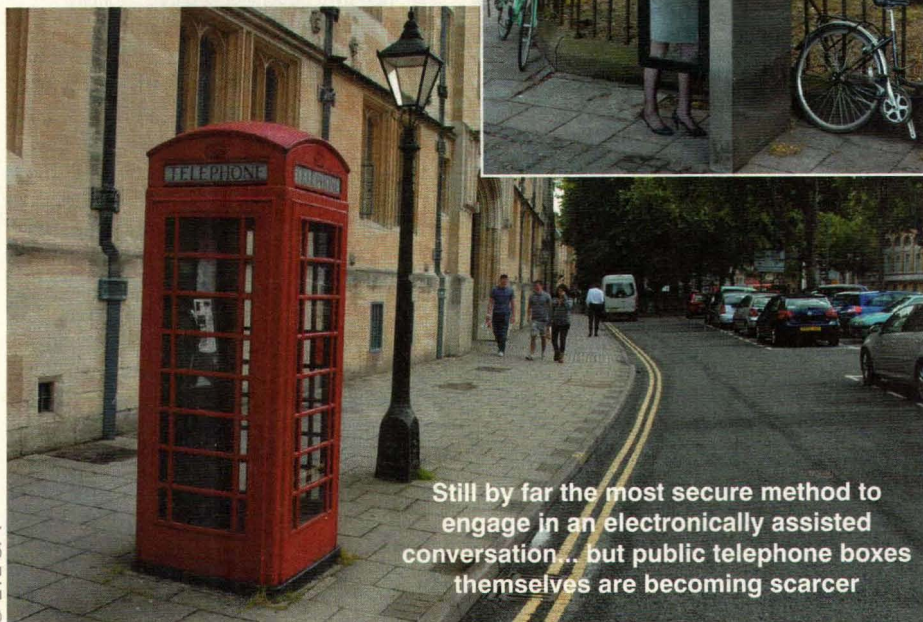
"Now there's a path from your telephone number to me finding you and listening to your calls... the whole way" - Nohl

Whilst acknowledging the research of other hackers, Nohl said that his team had spent the last 12 months on a single most important element, "The one piece that completed the chain was the ability to record data off the air," he said.

At the conference, bemused security monitors, some hiding in plain sight, were left open-mouthed as the pair demonstrated the equipment. They located a randomly chosen (target) cell phone, "seized its unique ID", and started to intercept the data (conversational and text) between it and a base station. "We used cheap Motorola cell phones because a description of their firmware leaked to the Internet," said Nohl. This in turn led to an open source alternative firmware that had its 'filters' removed so it could see all the data being broadcast by a base station. There were a few more simple actions, but "any GSM call is fair game," he said.

GSM is used on the vast majority of cell phone networks around the world, with some five billion cell phones in use. And for the record, Nohl, who is intent only on alerting the cell phone providers to what he perceives are huge gaps in their technical security, spent less than £40.00 (\$65.00) to buy his four Motorola phones.

When making that crucial phone call, Eye Spy presents here in this feature a foolproof counter-measures solution and one that is completely safe... use a public telephone...



Still by far the most secure method to engage in an electronically assisted conversation... but public telephone boxes themselves are becoming scarcer

EYE SPY IN COMPL

READ BY EVERY PR

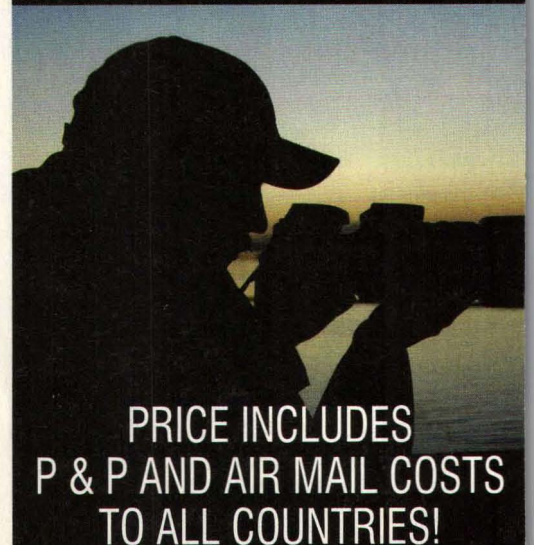
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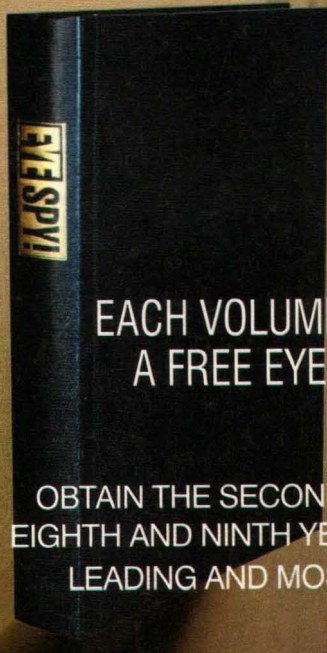
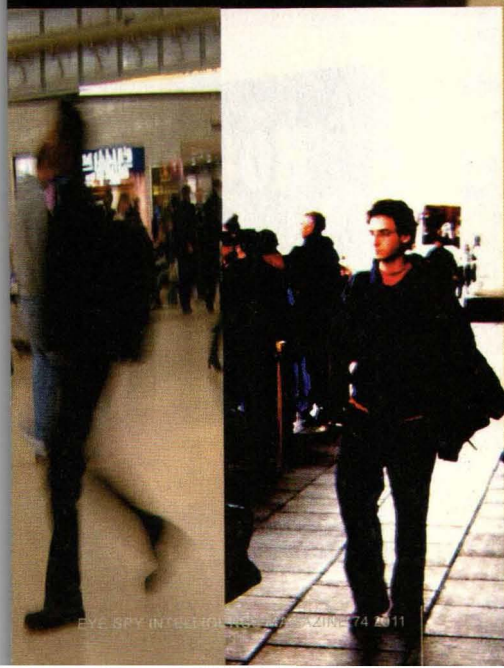
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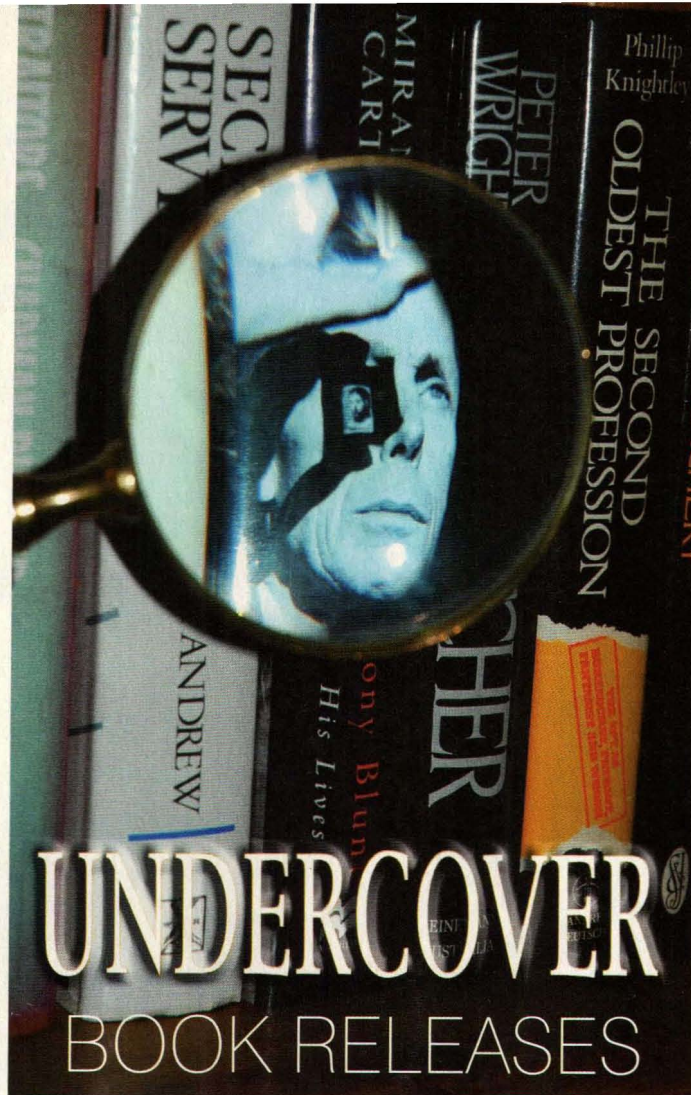
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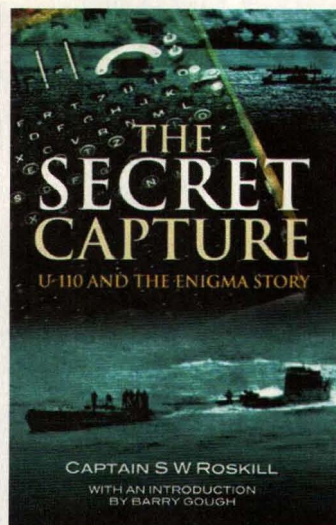
UNDERCOVER BOOK RELEASES

THE SECRET CAPTURE:
U-110 and the Enigma Story
Stephen W. Roskill
Naval Institute Press

Long after the war's end, official World War II records listed the German submarine U-110 as sunk on 9 May 1941 by a British convoy: a deliberate deception that hid the actual capture of a submarine that contained a working Enigma machine, codebooks, charts, and ciphers. As the official British historian of the naval war, Stephen Roskill did not reveal the secret in his authorised account.

When this book was first published in 1959, the author set the record straight about the sinking but continued to hold back details of Ultra. Now, a new introduction puts the capture of U-110 into context and makes clear its vital importance to the code-breaking programme of the Allies in World War II.

Roskill's work is based on both documentary and eyewitness evidence



and provides the most authoritative history of how the Enigma machine became a key instrument of the war effort. Hardback 184pp

Available from Eye Spy Ref: ES/1418
UK £32.99 USA \$32.95 ROW £34.99

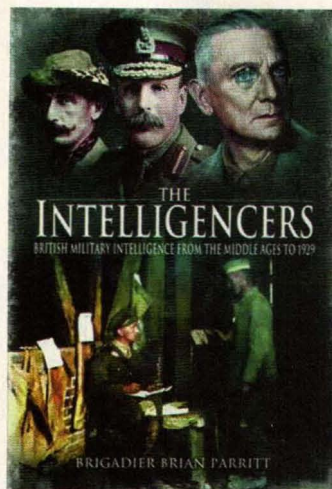


HMS Bulldog
played a part in the
capture of U-110

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THE INTELLIGENCERS:
British Military Intelligence from the
Middle Ages to 1929
Brigadier Brian Parritt
Pen & Sword

Military intelligence about the enemy is a fundamental part of any war or battle, knowledge of the enemy's strength, dispositions and intentions are essential for success. This book claims that for 250 years the British Army resolutely failed to prepare for war by refusing to establish a nucleus of soldiers in peace and trained to obtain intelligence in war.

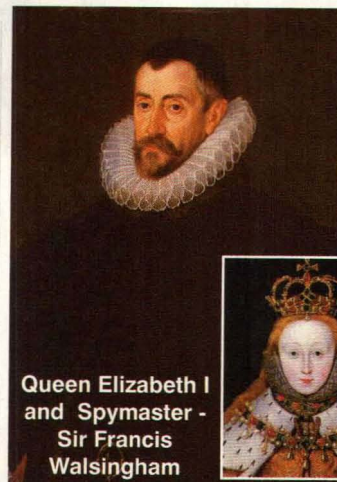


Although there were 'Scoutmasters' and secret spy organisations such as that operated by Sir Francis Walsingham in the 15th Century, in no major conflict from the Civil War of 1642, including the Peninsula, the Crimea, Burma, Egypt and South Africa and in the multitude of small wars that gained Britain an empire, was there any staff branch or unit specifically pre-established to gain intelligence or frustrate the enemy from obtaining intelligence.

The story of British military endeavour over 250 years is a remarkable one of individual bravery, achievement and success. We read of the Scoutmaster whose role was to gather intelligence on the King's enemies and of Walsingham's secret organisation at the time of Elizabeth I.

During the long years of war against France culminating in the Napoleonic Wars, spymasters developed on an ad hoc basis. In the nineteenth century, despite the power and reach of Empire, no central intelligence organisation existed. Enterprising young officers worked wonders but failures such as those in the Boer War cost Britain dearly. It took the reverses in the Great War to create an Intelligence Corps. But even that was disbanded post-war. Hardback 224pp

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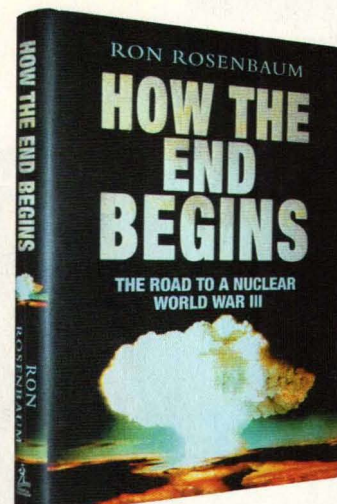
Queen Elizabeth I
and Spymaster -
Sir Francis
Walsingham

How The End Begins:
The Road to a Nuclear World War III
Ron Rosenbaum
Simon & Schuster Ltd

Each chapter of the How the World Ends deconstructs the dangers we face. Rosenbaum begins by showing all the ways the post-Cold War order that tried to impose a set of rules of averting a nuclear mistake has fallen apart. He describes the journey of one Bruce Blair, once a missile launcher, whose experience inside the nuclear establishment left him alarmed about its vulnerabilities. He also looks at nuclear war from the Russian side, using the architect of that nation's early warning system as a focus. He describes all the ways international incidents we have seen - Georgia, the Israeli raid on Syria, the Iranian moves - are evidence that some governments have shown a willingness to move closer to the brink of a conflict involving nuclear weapons.

The rest of the book looks at the broader nuclear issues facing the world in the 21st century: What is deterrence? Who can claim to have it? How many nuclear weapons can we live with? Is zero really possible? In other words: Can we undream the nightmare? Hardback 320pp

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WILD BILL DONOVAN: The Spymaster Who Created the OSS and Modern American Espionage

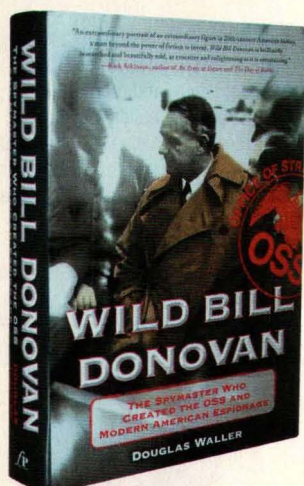
Douglas Waller
Free Press

He was one of America's most exciting and secretive generals - the man Franklin Roosevelt made his top spy in World War II. A mythical figure whose legacy is still intensely debated, 'Wild Bill' Donovan was director of the Office of Strategic Services (the country's first national intelligence agency) and the father of today's CIA.



William Donovan

Donovan introduced America to the dark arts of covert warfare on a scale it had never seen before. Now, veteran journalist Douglas Waller has mined government and private archives throughout the United States and England, drawn on thousands of pages of recently declassified documents, and interviewed scores of Donovan's relatives, friends, and associates to produce a riveting biography of one of the most powerful men in modern espionage. Hardback 480pp

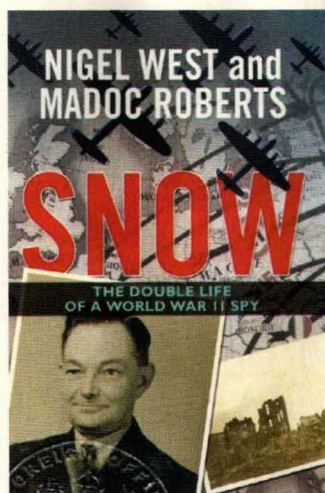


Available from Eye Spy Ref: ES/1421
UK £35.00 USA \$37.50 ROW £38.00

SNOW: The Double Life of a World War II Spy

Nigel West and Madoc Roberts
Biteback

Snow is the codename assigned to Arthur Owens, one of the most remarkable British spies of the Second World War. This typical Welsh underdog type became the first of the great double-cross agents who were to play a major part in Britain's victory over the Germans. When the stakes could not have been higher, MI5 sought to build a double-cross system based on the shifting loyalties of a



duplicitous, philandering and vain anti-hero who was boastful and brave, reckless and calculating, ruthless and mercenary... but patriotic. Or was he? Based on recently declassified files and meticulous research, Snow reveals for the first time the truth about an extraordinary man. Hardback 272pp

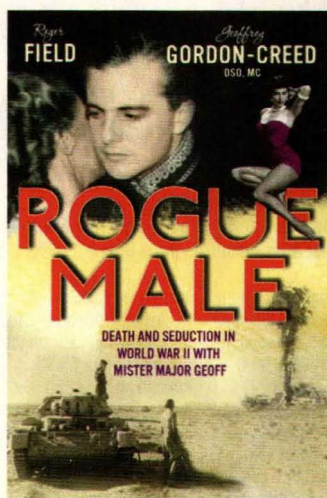
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ROGUE MALE: Death and Seduction in World War II With Mister Major Geoff

Roger Field, Geoffrey Gordon-Creed
Coronet

The untold story of one of the most lethal and successful soldiers of the Second World War - a highly decorated hero as well as a self-confessed rogue. In the tank war in the desert of North Africa, Major Geoff, as he came to be known, quickly showed himself a soldier of superb athleticism, unwavering will to win and almost superhuman instincts when it came to survival and outwitting the enemy. Almost incredibly he won the Military Cross on his very first day in action.

This is an honest account of winning the war not by fair play but by being more ruthless than your enemy. But maybe what is even more extraordinary than his soldiering - its predatory ruthlessness and amorality - is the



frank account of sexual adventuring that went with it. So, this is how the dogs of war behave when they are let off the leash? Hardback 384pp

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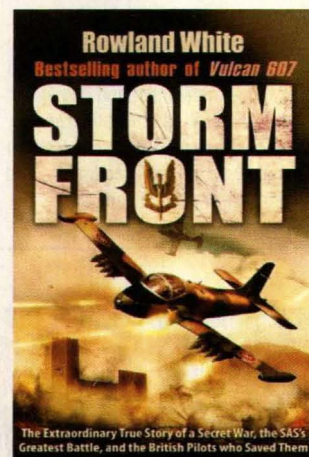
STORM FRONT

Rowland White
Bantam Press

In early 1970, the Commanding Officer of 22 SAS flew into the strategically critical Sultanate of Oman on a covert intelligence mission. A Communist rebellion in the South threatened not only the stability of the Arabian Peninsula but more importantly the vital oil routes through the Persian Gulf. Within six months, the Regiment arrived in theatre to lead a fierce, secret war against the rebels.

At dawn on 19 July 1972, a force of nearly 300 heavily armed, well-trained guerillas attacked the little fishing port of Mirbat without warning. Between them and glory stood a team of just nine SAS men and a British air fighter force. The scene was set for an epic encounter; a modern day Rorke's Drift. Their heroism would become SAS legend.

The book draws from extensive interviews with participants from the SAS, the RAF and the Sultan's Armed Forces, most of whom have never spoken about their involvement before. Hardback 364pp

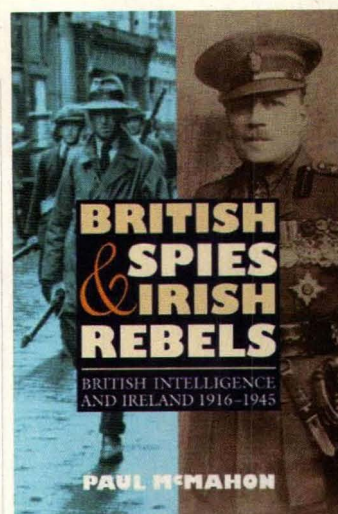


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BRITISH SPIES AND IRISH REBELS: British Intelligence and Ireland, 1916-1945

Paul McMahon
Boydell Press

The struggle between British intelligence agencies and Irish revolutionaries has lasted for centuries - and still goes on. But it was at its most intense during the first half of the twentieth century. Ireland experienced a bloody rebellion, bitter partition and a stuttering march towards independence. Britain grappled with



imperial decline and world war, while worrying about being stabbed in the back by its Irish neighbour.

Using recently opened archives, this book reveals for the first time how intelligence and intelligence agencies shaped Anglo-Irish relations during this formative period. The book casts light on characters long kept in the shadows - IRA gunrunners, Bolshevik agitators, Nazi saboteurs, British double agents. It shows what happened when Irish revolutionaries stopped fighting, formed governments and started sharing information with London - while doing everything possible to hide this from the Irish public. It also fills in a missing chapter in the history of the British intelligence community, tracing its evolution from amateurish beginnings, through a painful adolescence, to the sophisticated apparatus that is largely still with us today. Large Paperback 540pp

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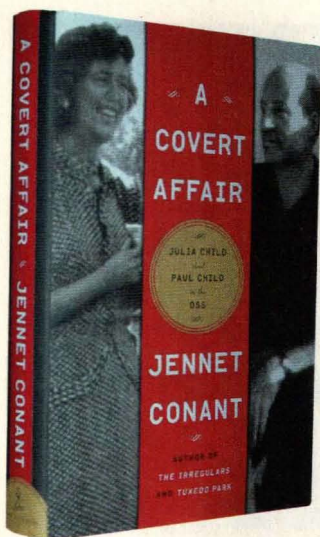
A COVERT AFFAIR: Julia Child and Paul Child in the OSS

Jennet Conant
Simon & Schuster

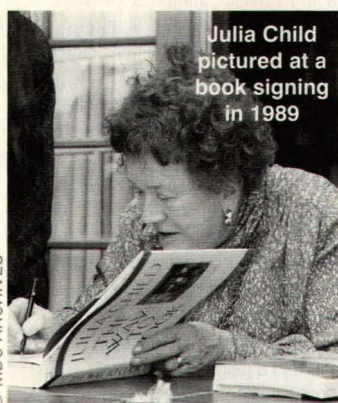
Bestselling author Jennet Conant brings us a stunning account of Julia and Paul Child's experiences as members of the Office of Strategic Services (OSS) in the Far East during World War II and the tumultuous years when they were caught up in the McCarthy Red spy hunt in the 1950s and behaved with bravery and honour. It is the fascinating portrait of a group of idealistic men and women who were recruited by the citizen spy service, slapped into uniform, and dispatched to wage political warfare in remote outposts in Ceylon, India, and China.



Michael Collins



The eager, inexperienced 6 foot 2 inch Julia springs to life in these pages, a gangly golf-playing California girl who had never been farther abroad than Tijuana. Single and thirty years old when she joined the staff of Colonel William Donovan, Julia volunteered to be part of the OSS's ambitious mission to develop a secret intelligence network across Southeast Asia. Her first post took her to the mountaintop idyll of Kandy, the headquarters of Admiral Lord Louis Mountbatten, the supreme commander of combined operations.



Julia Child pictured at a book signing in 1989

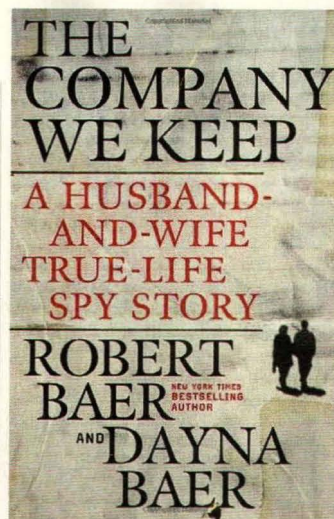
A Covert Affair chronicles their friendship with a brilliant and eccentric array of OSS agents, including Jane Foster, a wealthy, free-spirited artist, and Elizabeth MacDonald, an adventurous young reporter. Relying on recently unclassified OSS and FBI documents, as well as previously unpublished letters and diaries, Conant vividly depicts a dangerous time in American history, when those who served their country suddenly found themselves called to account for their unpopular opinions and personal relationships. Hardback 416pp

Available from Eye Spy Ref: ES/1426
UK £32.99 USA \$34.00 ROW £35.00

THE COMPANY WE KEEP: Husband and Wife True-Life Spy Story
Robert Baer, Dayna Baer
Crown Publishing Group

Robert Baer was known inside the CIA as perhaps the best operative working the Middle East. Over several decades he served everywhere from Iraq to New Delhi and racked up such an impressive list of accomplishments that he was eventually awarded the Career Intelligence Medal.

Dayna Williamson thought of herself as just an ordinary California girl - admittedly one born into a comfortable lifestyle. But she was always looking to get closer to the edge. When she joined the CIA, she was initially tasked with Agency background checks, but the attractive Berkeley graduate quickly distinguished herself as someone who could thrive in the field, and she was eventually assigned to 'Protective Operations' training where she learned to handle weapons and explosives and conduct high-speed escape and evasion.



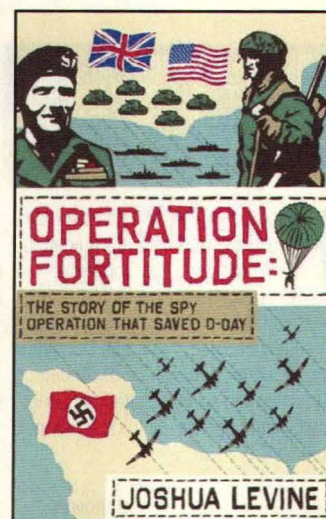
A trip deep down the intelligence rabbit hole - one that shows how the 'game' actually works, including the compromises it asks of those who play by its rules - and a portrait of two people trying to regain a normal life, The Company We Keep is a masterly depiction of the real world of shadows. Hardback 320 pages. £16.99

Available from Eye Spy Ref: ES/1427
UK £19.99 USA \$40.00 ROW £25.00

OPERATION FORTITUDE: The True Story of the Key Spy Operation of WWII That Saved D-Day
Joshua Levine
Collins

Operation Fortitude was the ingenious web of deception spun by the Allies to mislead the Nazis as to how and where the D-Day landings were to be mounted. Described by double agent Kim Philby as "one of the most creative intelligence operations of all time."

The story of how this web was woven is one of intrigue, personal drama, ground-breaking techniques, internal



resistance, and good fortune. It is a tale of double agents, black radio broadcasts, phantom armies, 'Ultra' decrypts, and dummy parachute drops. These diverse tactics were intended to come together to create a single narrative so compelling that it would convince Adolf Hitler of its authenticity.



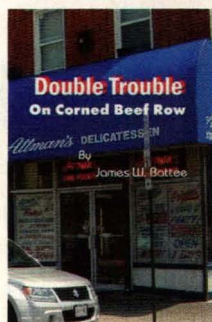
Agent Garbo

The success of D-Day - the beginning of the end of WWII - was made possible by the efforts of men and women who were not present on the Normandy beaches.

Using first hand sources from a wide range of archives, government documents, letters and memos Operation Fortitude builds a picture of what wartime Britain was like, as well as the immense pressure these men and women were working under and insure D-Day succeeded. Hardback 320pp

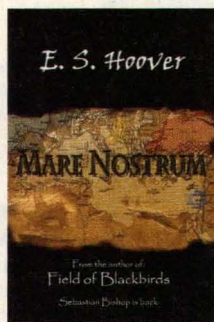
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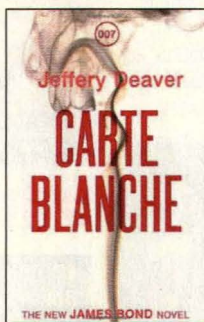
Double Trouble on Corned Beef Row
James W. Battee, Createspace

Three baby boys are born during a snowstorm. Two are identical twins. The twins are separated in a mix up at the hospital. Both wind up with the first name of Jacob and the same initial for their last name. One grows up with his natural parents and becomes the owner of a deli. The other ends up in the military and becomes a mercenary...



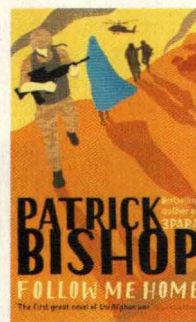
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Mare Nostrum - genuine, probing, thought-provoking historical fiction that explores the maniacal drive of greed and the intoxicant of power that motivates men to employ extreme measures towards their own ideological end. Mixed with an undercurrent of current events it will leave you wondering if today's fiction will be tomorrow's headlines.



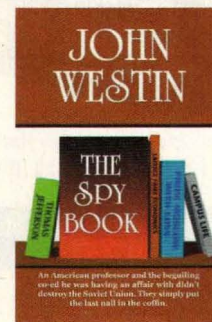
Carte Blanche (James Bond)
Jeffery Deaver, Hodder & Stoughton

Fresh from Afghanistan, James Bond has been recruited to a new agency. Conceived in the post-9/11 world, it operates independent of MI5, MI6 and the MOD, its very existence deniable. Its aim: to protect the Realm, by any means necessary. A call alerts Bond from dinner with a beautiful woman. GCHQ has decrypted an electronic whisper...



Follow Me Home
Patrick Bishop, Hodder & Stoughton

Two young soldiers are on a mission to capture Osama bin-Laden. The men soon find they are the hunted and must make it back to safety through hostile lands. Perilous at every turn, the troops even have to look after a young frightened woman as they journey home...



The Spy Book
John Westin, McNeil & Richards

Humorous novel about spying, the Soviet Union, and a professor and co-ed at the University of Virginia. An American professor and the beguiling graduate student he's having an affair with didn't destroy the Soviet Union. They simply put the last nail in the coffin...

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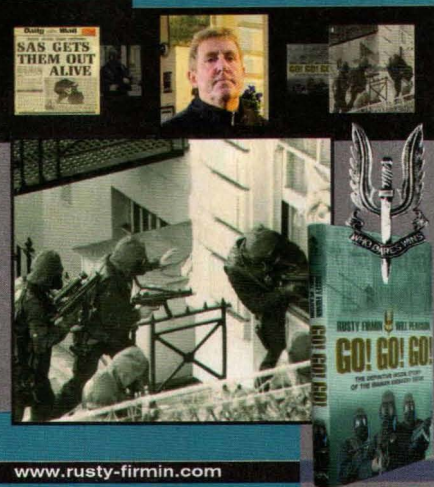
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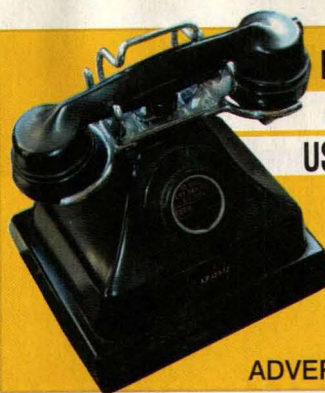
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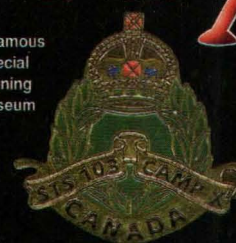
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Mike Finn

takes a serious and objective look at mind control and manipulation in the intelligence game...

MIND CONTROL PRINCIPLES IN THE INTELLIGENCE CYCLE

Electricity

PART 11

AN INVISIBLE MIND PREDATOR?

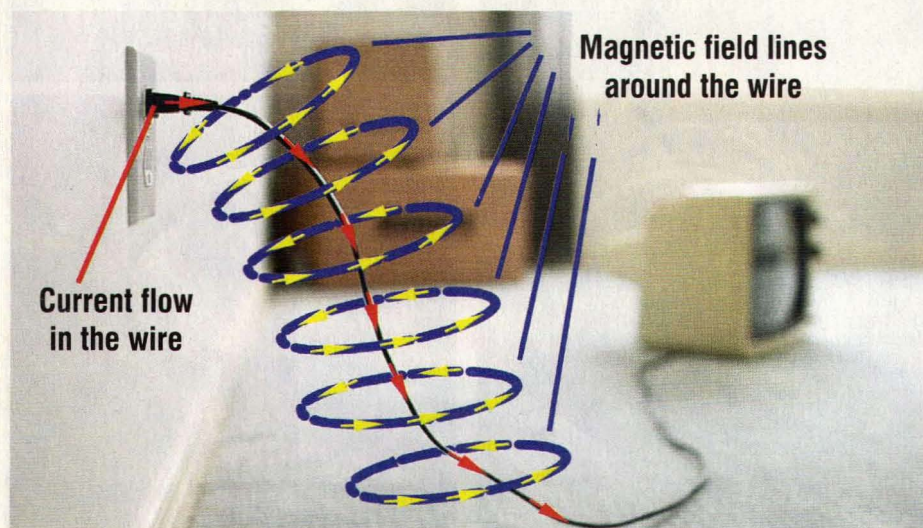
In this feature MIKE FINN examines how conventional electric currents running through your home, office and elsewhere could be used in mind control...

We have looked at many of the principles by which both the mind and physiology can be affected and controlled by remote transmission, one cheap (by comparison) and little mentioned or known approach is through the wiring to house and office. There are the usual limitations and problems, but in principle the technology is both viable and practical.

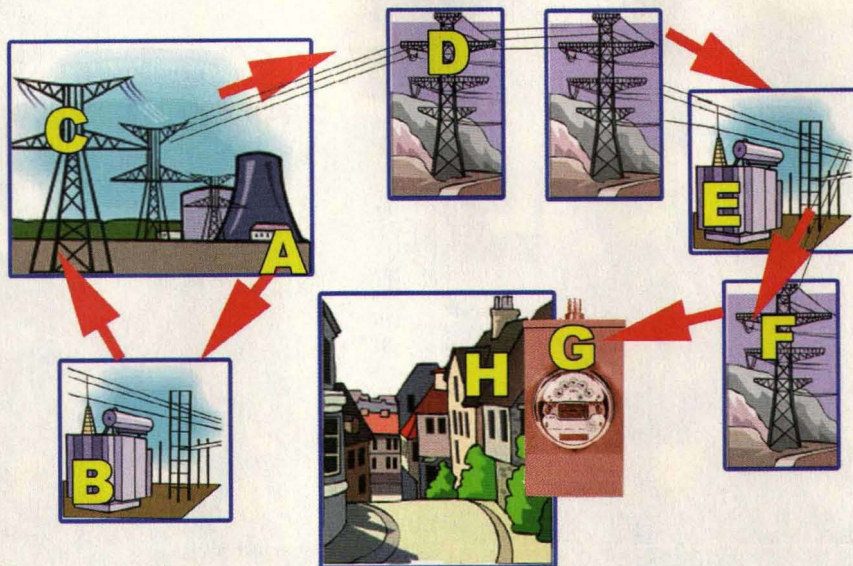
To understand the implications, we first need to look at the house electrics and gain a glimpse of the subtle and unseen ways in which control is feasible. In Britain the house electricity is 240 volts at 50 Hz, in America it is 120 volts at 60Hz. The consumer is supplied with electricity by the national power grid, this begins at the power plant, which generates alternating current. To ensure the power is sufficient a step-up generator will produce up to 765Kv, that travels along transmission lines. Before the supply reaches the consumer, it goes through a substation

step down transformer, eventually reducing the voltage to less than 10,000 volts, then eventually to 240v (UK) and 120v (USA) before it reaches the normal household. When the power enters the house, it goes first through a watt-hour meter monitored by the electricity suppliers.

Electrical power is supplied by way of an alternating current (AC) which continually changes polarity between positive and negative. The number of reversals in a given time are called Hertz (Hz), 50 and 60 Hz which are in the low frequency range. All the AC power lines generate both electric and magnetic field, the greater the current, the stronger the electromagnetic field. All live wiring and appliances in a house generate an electromagnetic field that penetrates most things to some degree. Most houses have a ring circuit where, in essence, the power leaves the consumer unit, circulates around the house and returns to the consumer unit having completed a circle. There are other



SIMPLIFIED VIEW OF YOUR ELECTRICAL POWER SUPPLY



- A. The power plant
- B. Step-up generator
- C. Transmission lines
- D. Transmission lines
- E. Sub station/step-down transformer
- F. Transmission lines or cables
- G. Watt-hour meter from electricity company
- H. House supply

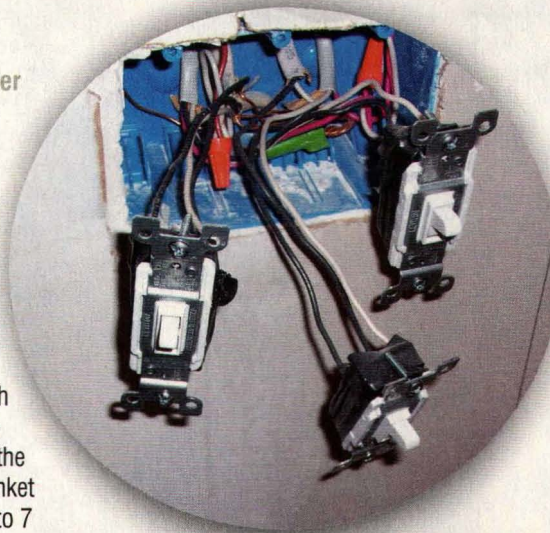
methods of wiring a house, such as a radial circuit, or a combination of ring and radial circuit.

Apart from the main house wiring, each appliance generates a different electro-magnetic field, dependent partly upon the power of the appliance. An electric blanket produces a field that can penetrate up to 7 inches into the body, also hair dryers, microwave ovens, vacuums, television, radio, computers, etc. all generate various electro-magnetic fields. The strength of the magnetic

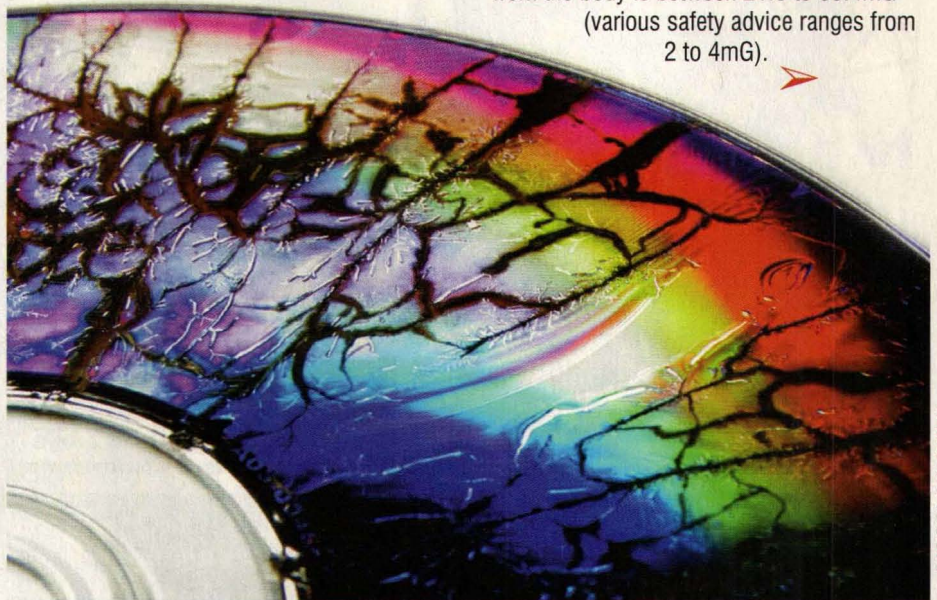


component of the field is measured in Gauss or milligauss (mG). Some of the electrical products that generate VLF are computers, televisions, and power tools. Higher frequencies can be generated from such items as cell phones,

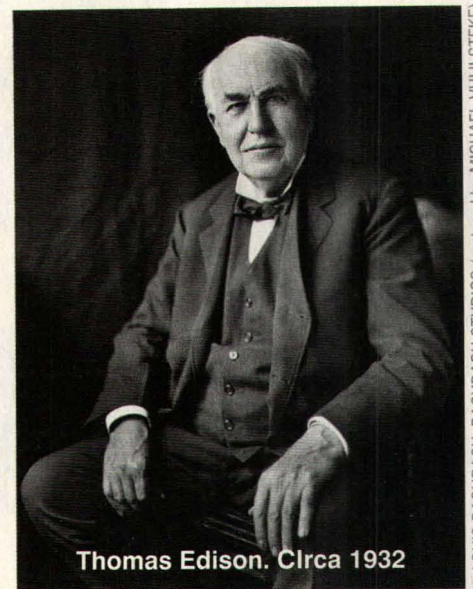
cordless phones, microwave ovens, baby monitors etc. The human body vibrates within the low frequency range and acts as an



Typical US wiring for a three-line light switch set



A remarkable rainbow array is present on this microwaved DVD - caused by the effects of an electric discharge through the disk's metal film



The world's first power station - Edison Electric Light Station, London, was the brainchild of Thomas Edison. The site started generating electricity in 1882

antenna to EMF fields. However this article is not about EMF pollution and health, but it does illustrate that even without intentional invasive mind control technology, we are already immersed in an environment that unintentionally affects us to some lesser or greater degree.

In the same way that the high frequency square wave clock of a laptop computer can generate a signal that will interfere with any aircraft's navigation equipment (which is why they are not allowed to be used on aircraft), so household EMF can affect us in various ways. This is dependent on the power, emission, and type of the field, distance from the field, exposure duration of time expose and accumulative effects over time. For example, an electric blanket turned on and 2 inches from the body is between 21.8 to 39.4mG (various safety advice ranges from 2 to 4mG).



An artistic rendering of the unseen electromagnetic fields in a room, including those emanating from wiring in the walls. Mike Finn believes these can be manipulated and controlled for the purpose of mind control



Steam turbine rotor used in the generation of electricity

You may ask how this information can facilitate deliberate introduction of specific signals and by what method? Well, we now have to look at two other known factors, before the whole issue becomes obvious. The first is power line carrier communication (PLCC), where a transceiver device allows voice communication between two substations via the power line, which acts as a carrier wave source. Taking this a step further, there are carrier current surveillance devices. The carrier current transmitter can be hidden in almost anything within a premises and remains active with the constant electrical supply. The house wiring again being used as a carrier wave, much like the PLC principle. The carrier current receiver can operate as far away as several miles, being simply connected to the AC power line at the appropriate place relative to the property. Already on the market is a

covert audio and video system that works on this principle.

Now we come to the principles of power line networking, where the electrical wiring in your home is used to connect various computers and peripherals directly through the mains wiring. This is called power line communication (PLC), power line networking (PLN), or broadband over power lines (BPL). In this case a modulated carrier signal is sent through the wires, linking communication with the various equipment. Owing to the AC power supply higher frequencies are limited, but using new technology called E-lines allows the transmission of microwave energy. This of course also allows the facility of services such as internet access.

HAIR DRYER	1-70mG (12" away)
TELEVISION	0.4-20mG (12" away)
MICROWAVE	40-80mG (12" away)
ELECTRIC BLANKET	21.8-39.4mG (near the body)
Safety Guide is 2-4mG all data is approximate	

Having read the article so far you now know that (a) the AC mains wiring can be used as a carrier frequency. (b) that the power lines and house cables and electrical equipment generate both an electrical current and electromagnetic field. (c) live wires and equipment generate an electromagnetic field relative to the electrical current and its intensity. (d) these casual EMF fields, even unintentionally, can affect us to some small degree, depending on the parameters described above. (e) the carrier waves can accommodate complex signals such as those relating to internet activity. All making it an ideal medium for mind control technology.

Using modern technology it is viable to (1) insert a signal some distance from the property through the power line, to travel via the mains wiring and produce an electromagnetic field of specific frequencies, which will affect those people in the property who are exposed to it. (2) to replace an item of electrical goods that has been modified to

The human body is an antenna for EMF fields, at low frequency nerve stimulation and communication can be manipulated...



Overhead commercially contained electrical wiring

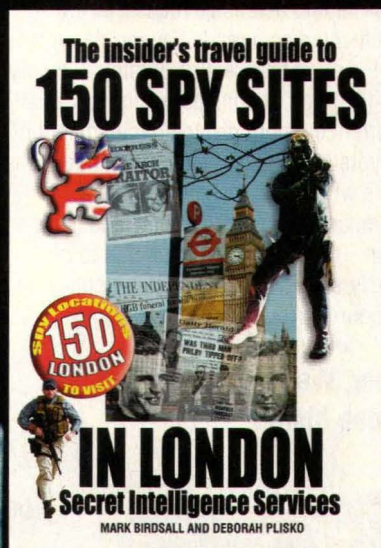
produce a specific frequency, for example a bedside electric clock, ensuring the target will be in contact for a long duration during a nights sleep. (3) insert a bug type device capable of transmitting, for example, silent sound technology, that can be controlled at any remote location with a suitable transmitter.

As I mentioned, the human body is an antenna for EMF fields, at low frequency nerve stimulation and communication can be manipulated. The microwave frequencies will also have a thermal effect to some degree. Movement of calcium ions across cell membrane can easily be influenced, nerve impulses affected, melatonin secretion controlled (affecting immune responses), neurotransmitters in the brain affected, and so forth. All it takes is the right frequency, the correct power, the appropriate duration of time, and a convenient transmission vehicle such as a domestic power supply.

The original research of both Alan Frey (microwave-sound/voices in the brain) and Ross Adey (Microwave transmission effecting the efflux of the calcium ion) at the Advanced Research Projects Agency (ARPA) at the Walter Reed Army Institute of Research, have moved on considerably since those early times. In respect of silent sound, the inventor Edward Tilton related that all the schematics had been classified by the US government. It is not difficult to envisage the pattern of these developments. However, in terms of transmitting any of these technologies, the domestic power supply lends itself to a cheap and efficient method.

In Eye Spy 75, Mike Finn presents one of his most controversial features to date - the introduction of the RFID chip in respect of mind control - not to be missed!

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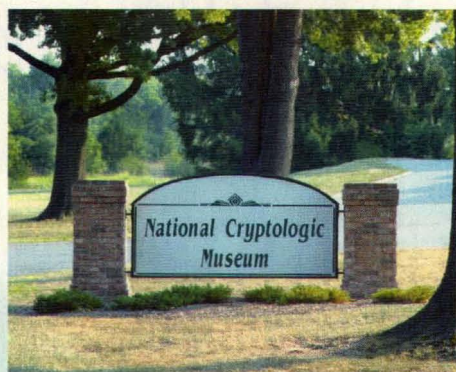
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Letter from Fort Meade by David Hamer



...being an irregularly occasional, or an occasionally irregular, communication from the American cryptological community: particularly those things associated with the National Cryptologic Museum [NCM] and its parent, the National Security Agency [NSA]

The main house and gardens at Chanticleer, Wayne, Pennsylvania have a fascinating intelligence history

The amorous exploits of 'Commander James Bond' aside, the intelligence community often creates strange bedfellows of the less erotic kind - one of which 'odd-couplings' we discussed in Eye Spy 41 when we shed light on the apparently incongruous connection between Dundee Marmalade and Codebreaking. Another is the equally unlikely link between Bletchley Park's World War Two ULTRA secret and the rather bucolic subject of ornamental gardens, leavened with a smattering of minor royalty...

According to Ian Fleming's Auric Goldfinger: "...once is happenstance, twice is coincidence, three times is enemy action..." Nowhere is this truer than when a successful codebreaking effort results in "the reading of other gentlemen's mail" and both offensive and defensive measures are implemented as a result. During World War Two the code breakers of Britain's Bletchley Park [BP] had to consider each individual occurrence before divulging the content of decrypted signals to field commanders and others who might make use of the information derived from the clandestine action. The information itself had to be suitably sanitised and a bogus justification and source created for any resulting

defensive action. An example: when BP derived from the intercept of German signals the details of a convoy supplying Erwin Rommel's Afrika Korps with fuel and other war materiel the RAF mounted a prominently visible observation flight over the convoy, suggesting to the convoy commander that any consequent attack could be ascribed to this aerial observation and not to some more sinister and subtle source.

SPECIAL LIAISON UNITS

In the run-up to D-Day in 1944 a plan had to be derived to convince the German defenders in France that the apparent omniscience of the Allied forces was due to information leakage via such rudimentary methods as



© DAVID HAMER

Ruse, Cover and Action



Erwin Rommel - one of Germany's most formidable army strategists

spying, reconnaissance, and other 'innocent' means and in no way related to the almost magical reading of heavily encrypted and secret material being broadcast by and for the German commanders. In order to do this BP created the Special Liaison Units [SLUs], which were staffed by Special Liaison Officers [SLOs] whose principal task was to convey the content of the ULTRA messages to senior field commanders while stressing the overpowering need to ensure that any consequent action was carried out in such a

© EYE SPY



The mansion house at Bletchley Park - now one of the world's most important intelligence museums

manner as to completely conceal the source of that information. The job required that the SLO work closely with an officer whose hierarchical status [and frequently ego] was much further up the scale than that of, say, a mere Captain or Major assigned to the SLU. The job requirement thus included strong military skills, imagination and knowledge combined with a most unusual level of tact and persuasion.

Lt. General Omar Bradley (left) pictured in France with Major General J. Lawton Collins shortly after D-Day

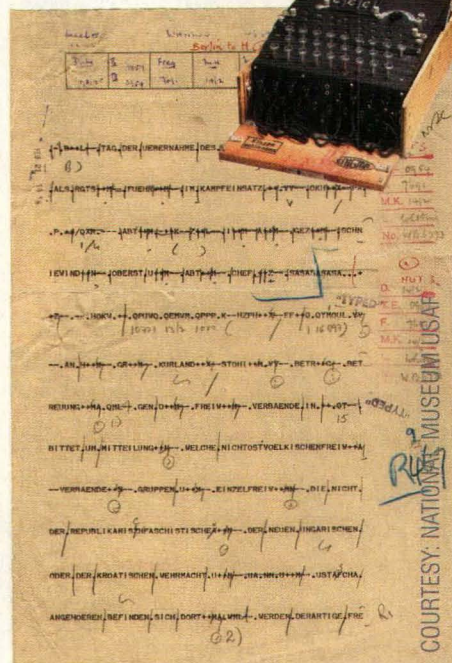
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ULTRA DECRYPTS

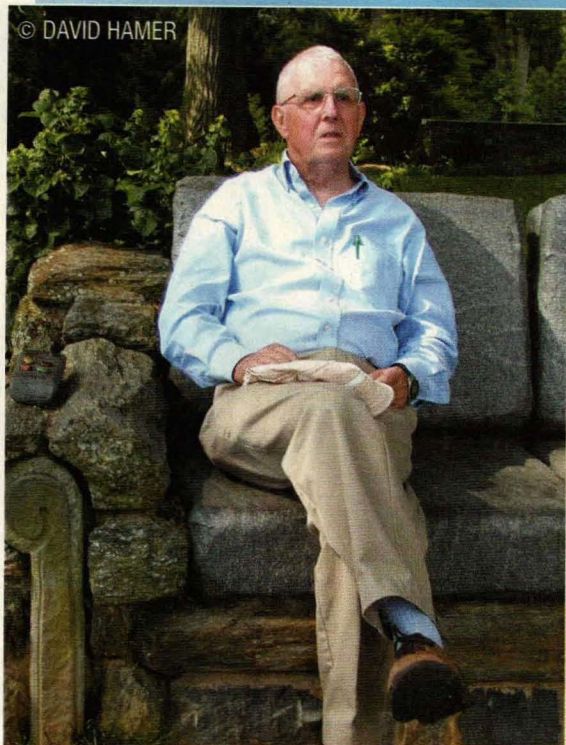
A codeword used to describe the intelligence deciphered from high security encrypted German WWII communications (signals) and - teleprinter messages.

ULTRA has become synonymous with the codebreaking efforts of Bletchley Park, in particular intelligence secured via that encrypted on Enigma machines (right)



A German WWII signal decrypted by Bletchley Park codebreakers

© DAVID HAMER



Another view of the house at Chanticleer



© DEREK RAMSEY

Above: Eye Spy senior associate editor and renown cryptologist DAVID HAMER sits on a sculpture of a much-oversized couch [he said it was not comfortable!]. Note to his right - fake, oversized TV remote on arm. Right: 'Ornamental ruins' (known as 'follies' to Britons) were popular in the gardens of large American estates in the early part of the twentieth century



© BEVERLY KITCHEN-ALMOND COLLECTION



One such officer was Captain [later Lieutenant Colonel] Adolph G. Rosengarten, scion of a prominent, 'Main Line' [see sidebar] Philadelphia family: a Princeton-educated lawyer who at the age of thirty-five or so was somewhat older than many of his contemporaries when he reported for duty with his National Guard Division in 1941.

'Dolph', as his family knew him, arrived at BP in 1943 where his fellow trainees in the programme immediately dubbed him 'Rosie'. After completing training he was assigned as SLO to General Omar N. Bradley, then commanding the US First Army in France. Rosengarten tells the story of his post-D-Day adventures in an academic paper he wrote in 1978 for the journal *Military Affairs*. A significant quote from the referenced paper says, "...I was also ordered to report through the SLU to Bletchley any violation of security which might reveal to friend or foe the existence of ULTRA ..."

While at Bletchley Park, Rosengarten's commanding Officer was Colonel Telford Taylor, who became better known for his role as the Counsel for the Prosecution at the Nuremberg Trials after World War II.

Rosengarten clowning as Hitler: note German officer's hat, pencilled-on moustache and parodied spelling of his name 'Adolf'...

Rather remarkably, and in later life, Adolph Rosengarten returned to academia and just prior to celebrating his seventy-sixth birthday was awarded a doctorate in history from the University of Pennsylvania, his studies enhanced by his wartime experiences. After his death in 1990 the Rosengarten family endowed a chair in modern history at his alma mater - Princeton. His obituary in the *Philadelphia Enquirer* included: *'Adolph G. Rosengarten Jr. is best remembered as a Main Line gentleman who helped create Chanticleer, an arboretum on his family estate in Wayne. Yet Rosengarten was also a decorated soldier who was involved in one of the most significant espionage developments of World War II'*.

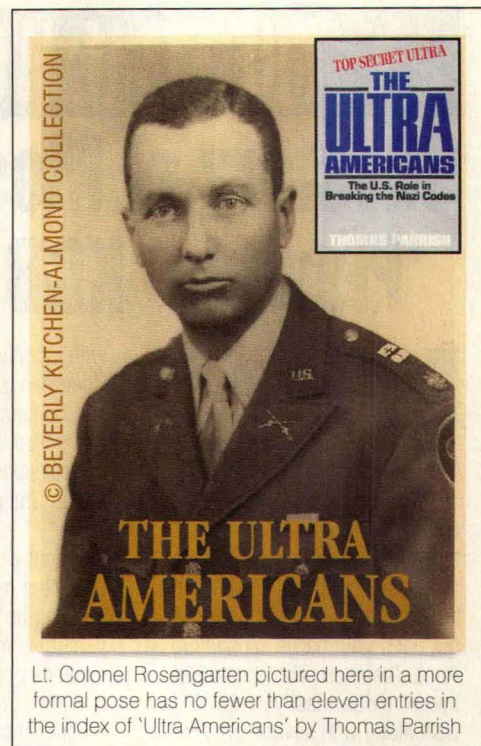
Reference: "With Ultra From Omaha Beach To Weimar, German - A Personal View", Adolph G. Rosengarten, Jr., *Military Affairs*, Vol. 42, No. 3 (Oct., 1978), pp. 127-133

As part of the proposed celebrations of the 70th anniversary of the arrival of the American contingent at Bletchley Park it is planned to convert a Dodge ambulance to a completely fitted out SLU truck carrying a complete set of communications equipment of the post D-day era. For visitor information see the BP web pages beginning at:

LINKS: www.bletchleypark.org.uk/



Colonel Telford Taylor - a prosecutor at the Nuremberg war crimes trial



Lt. Colonel Rosengarten pictured here in a more formal pose has no fewer than eleven entries in the index of 'Ultra Americans' by Thomas Parrish

'MAIN LINE PHILADELPHIA'



© LOS ANGELES TIMES PHOTOGRAPHIC ARCHIVE

The term 'Main Line Philadelphia'*, used to describe that city's prominent families in the late nineteenth and twentieth centuries, refers not to any quirk of genealogy but to the fact that so many of these wealthy individuals established their homes and estates in communities that lay along the main railway line leading north to New York. The Rosengarten home, Chanticleer in Wayne, Pennsylvania, lies about a dozen miles north of the city amidst what were acres of sculptured woodlands and ornamental gardens – now, in much less rural surroundings it is run by the family foundation and open to the general public. See www.chanticleergarden.org

*Another well-known 'Main Line' family were the Kelly's, whose daughter became Princess Grace of Monaco (left)



A US Dodge WC54 WWII ambulance. Bletchley Park is converting such a vehicle into a communications carrying SLU

THE FINAL WORD

Mystery of Moscow's 'Flexible' KGB Rules

How times have changed for Russian spies. In the days of the Cold War, the KGB saw failure as an inexcusable weakness - often its own spies who had been outed, failed and exposed were shipped off to a gulag in Siberia. That might still be the case with some operatives, but not if your name happens to be Anna Chapman. The glamorous spook, ejected last year from the USA along with several of her colleagues, has adorned the covers of many 'lads magazines', participated in television shows, had a sing-song and pint with Prime Minister Vladimir Putin, walked fashion runways and has had a host of Moscow businessmen lining up

with lucrative job offers. Why Chapman is regarded as something of a national hero still bemuses many from the old KGB school, who are still unsure what the fuss is all about. She got caught.

In recent weeks there has been talk about her moving into politics, heading-up a plethora of business ventures, and even moving back to America or Britain in the guise of a business consultant. Her most recent venture is just that - 'Venture Magazine'. Chapman, 29, is now editor-in-chief of a new business magazine, aimed at helping a new generation of Russian entrepreneurs. This follows her recent job as host of a 60-minute show ironically titled: 'Mysteries of the World with



Anna Chapman dressed as a bad spy on the cover of Russia's Maxim, and in more suitable attire at Victory Parade, Moscow 2011

Below: Looking a little glum - FBI mugshot following her arrest

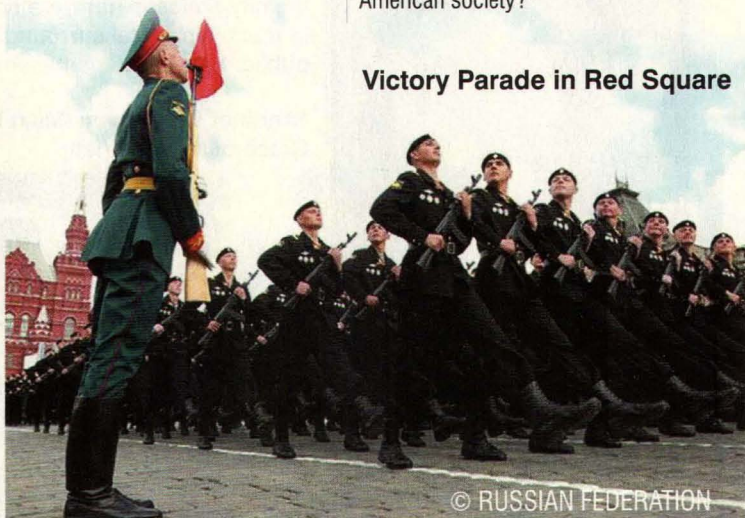


Anna Chapman'. (No comment required here!)

We recently watched a film of the impressive Russian Victory Parade (military procession) through Red Square... and guess what? Amidst the veterans and marching columns of Russia's armed forces, who did the cameras focus on? Yes, you've guessed it... Anna Chapman!

One really wonders what has become of the rest of the ten-person strong spy ring that the SVR embedded into American society?

Victory Parade in Red Square



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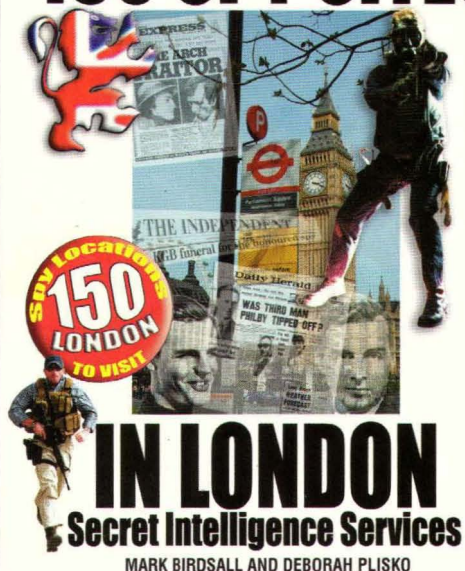
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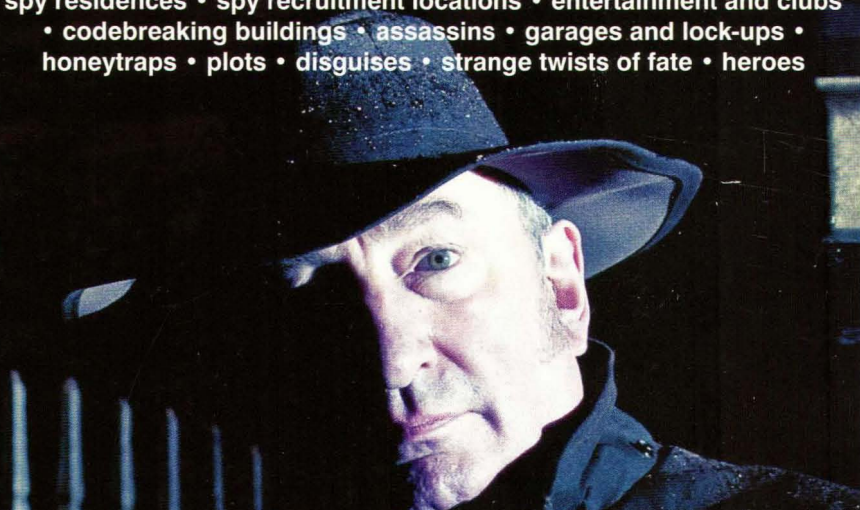
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Eye Spy editor Mark Birdsall with
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