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IRAN: SECRET SPY WARS

Conflict looms as CIA issues warning



Dreamland UAVs

Fantastic Pilotless Spies

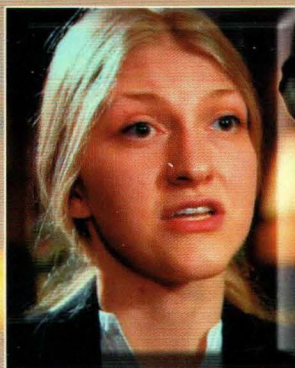
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MI5 SPY CASE

**The Katia
Zatuliveter Affair**

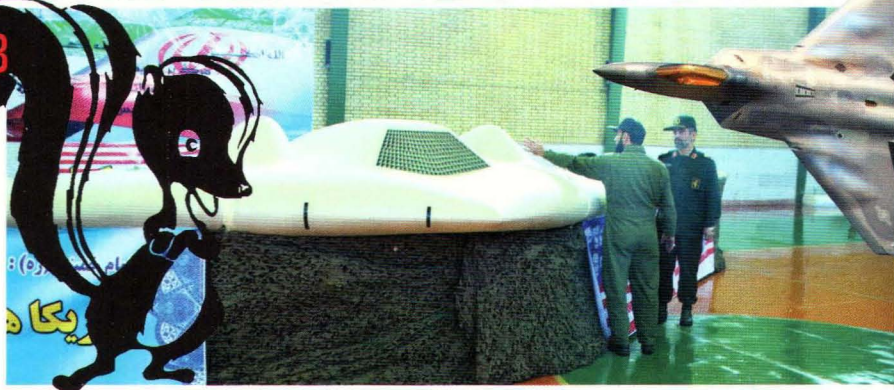


- SECRETS OF CELL PHONE HACKERS
- WIKILEAKS AND US CABLES
- MOSCOW HACKER HUNTER
- LONDON 2012 OLYMPIC SECURITY
- CUBA - ISLAND OF SPIES

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THE SENTINEL INCIDENT



Why the loss of a Sentinel UAV to Iran is not such a tragedy: Eye Spy examines America's real aviation 'Dream Factories' and the secret test zones in Nevada...

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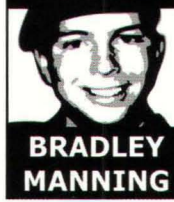
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Why the case against Bradley Manning and his alleged dealings with WikiLeaks may also be significant to the web site's founder - Julian Assange

FREE



BRADLEY MANNING

MOSCOW HACKER HUNTER



The strange story of Christopher Keenan whose journey to Russia's capital in search of 'cyber talent' ended in a frozen Moscow forest

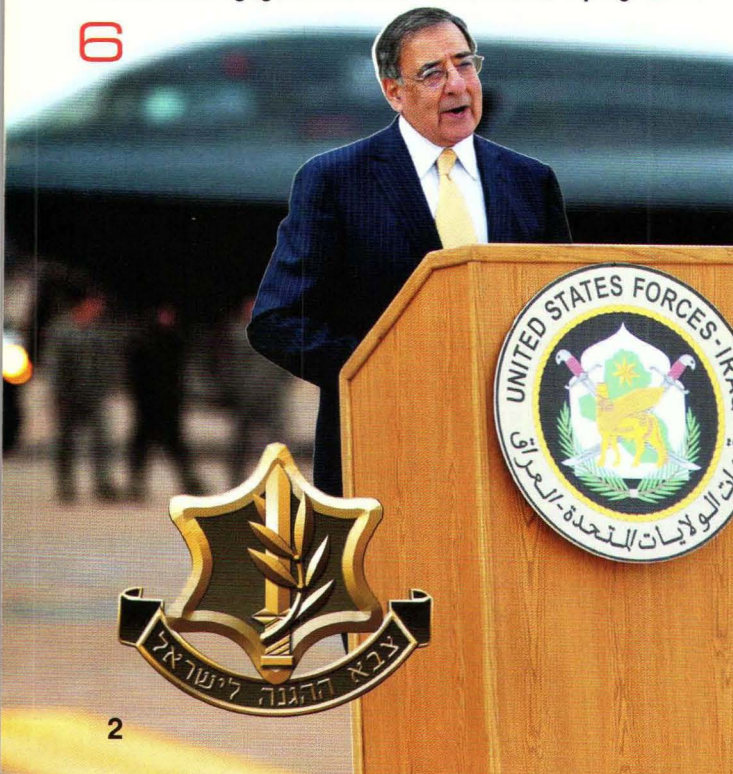
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NUCLEAR RED LINE

Former CIA Director Leon Panetta is joined by three powerful voices who announce America would not hesitate to engage Iran over its nuclear bomb programme

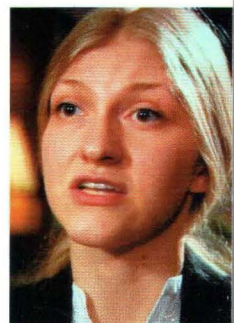
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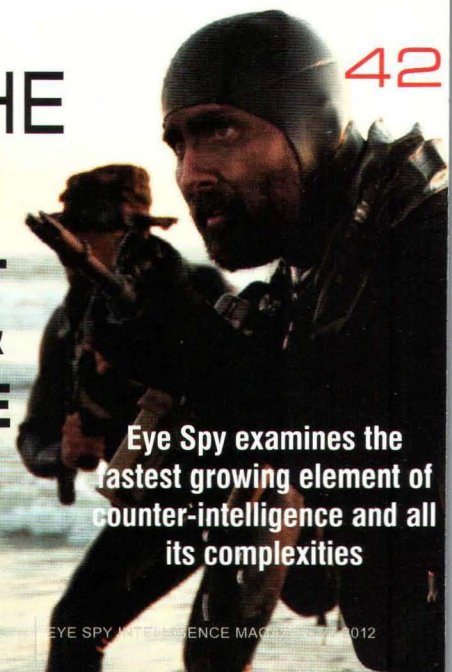


Spy allegation against Russian parliamentary secretary Katia Zatuliveter dropped - but did MI5 really 'play' the wrong game?

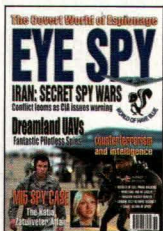


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"Iran with a nuclear bomb is a red line for us and the Israelis"

US Defense Secretary and former D/CIA Leon Panetta



FIRST WORD



IRAN'S N-BOMB AND INTEL SIGNS

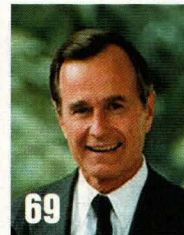
In December the seriousness of the 'Iran Situation' was captured in a single moment by CBS News for its 60 Minutes programme. In a brief and candid interview, US Defense Secretary and former Director Central Intelligence Agency, Leon Panetta, admitted Washington will not under any circumstances allow Iran to build a nuclear bomb. He did however concede this could happen within 12 months. At the same time General Martin Dempsey, Chairman of the US Joint Chiefs of Staff said the US military is ready if necessary for whatever needs to be done to stop Iran building its bomb. And for good measure President Obama declared the same.

Look a little deeper and another relevant announcement was the Pentagon's declaration that a new bunker busting bomb was being carried by certain USAF bombers; that parts of the US Navy were on the move to the Gulf including several submarines. And then there was the Iranian Intelligence inspired sacking of the British Embassy in Tehran by hundreds of students. It was predicted by MI6 and naturally led to the closing down of Iran's embassy in London. Now neither the US or UK has any direct political ties to Iran. In Israel, it is not a coincidence that a shadowy outfit called the Depth Corps has been resurrected after a couple of decades in the wilderness. Separate from the Mossad, some CIA staffers are already referring to this unit as the 'Iran Command'. Read into that what you will, but taken in context and against a backdrop of cyber attacks, scientists disappearing, assassinations and "mysterious" explosions at key sites, one could be forgiven for thinking the secret psychological war is reaching its end, and the next phase is imminent...

Mark Birdsall, Managing Editor



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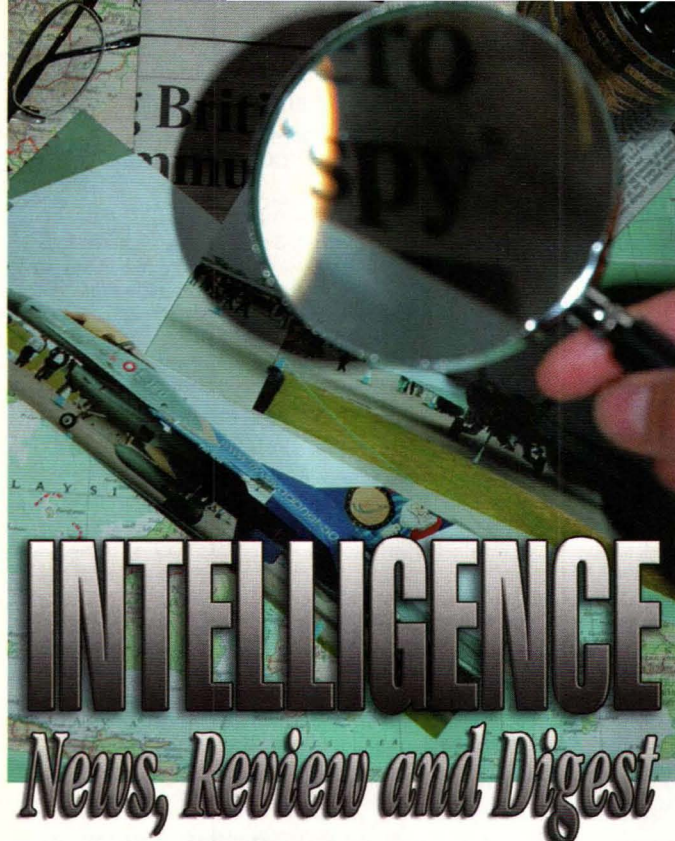
INTELLIGENCE CHOICE

THE WING WILL FLY

There are some commentators who believe the loss of a Sentinel drone to Iran is a significant blow to the US. Whilst no country or organisation for that matter would be happy with such a loss, it is worth remembering that much of the technology carried by this UAV is probably outdated. And staying with this topic, in this edition of Eye Spy we examine research projects that would excite even the likes of George Lucas.

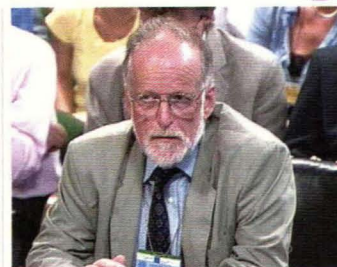
Strange as it seems, futuristic designs like the Sentinel were flying in the late 1920s, many coming from the drawing boards of Germany's Horten brothers. After WWII, America's passion for creating advanced flying machines became an obsession. Yet to enter into this world one requires brilliant minds, finance, workshops and quiet places to test flight concept aircraft. Similarly, staff must be prepared to work in secrecy. Amongst the literature related to so many legendary US projects, readers will find references to the 'Skunk Works', 'Have Blue' designations and several super secret test sites in Nevada, one in particular capturing the imagination of aviation enthusiasts - 'Area 51' or 'Dreamland'. This is all open source material. But it's worth remembering, whenever a UAV project reaches fruition or a test stage, one can be sure that somebody, somewhere is preparing a new generation of aircraft.

HAVE BLUE AGAIN - THE SENTINEL INCIDENT - FEATURE 8



Death of Dr David Kelly

A group of medical experts have failed in their attempt to get a new inquest into the death of weapons expert Dr David Kelly. The Ministry of Defence scientist was found dead in July 2003, aged 59, in a field near his Oxfordshire home. He had apparently committed suicide, something which the group believe has never been confirmed.



Dr David Kelly - death still viewed with suspicion by some

Dr Kelly was the 'deep source' who cast doubt on weapons intelligence (WMD) prepared by British Intelligence. This led to a number of highly embarrassing media reports. Speculation was rife that the intelligence had therefore been manipulated - this in an effort to secure a good enough reason to go

to war with Saddam Hussein's Iraq. Campaigners had sought a judicial review of the decision, which backed a finding that Dr Kelly killed himself. This conclusion was opposed by the group. Shortly before Dr Kelly was found dead, he wrote to associates saying he was concerned about his well-being and noted "dark players are at work."

TOP SECRET AND PERSONAL Released Files Reveal Important Intelligence Moments

Documents released by Britain's National Archives reveal Prime Minister Margaret Thatcher took part in secret negotiations with the IRA during the 'hunger strikes' of 1981. A back-channel line of communication code-named 'SOON' was established between MI6 and the IRA. This liaison is not news, MI6 used an officer code-named 'Mountain Climber' in several contacts with the IRA, but the released files show Thatcher's hand-written notes on some of the papers.



© MARGARET THATCHER FOUNDATION

In other files the Thatcher government also threatened to ban a BBC documentary that featured some of the work of MI5 and MI6. In a document classified 'Top Secret and Personal', cabinet secretary Sir Robert Armstrong "recommended" that the prime minister "invoke" a rarely used power. Interestingly, in an attachment to the file, Sir Robert

notes: "The government has the power to ban any programme." However, he warned that such a ban would "produce a tremendous 'hoo-ha' inside the BBC, the press and in parliament about censorship."

The documentary was heavily cut after some of its content was leaked to the media.

NORTH KOREAN SPY HANGS HIMSELF

SEOUL: In Eye Spy 76 we reported on an exposed North Korean spy ring dedicated to espionage and assassination in South Korea and Japan. Several suspected spies have been arrested in recent months, some tasked with spying on a South Korean human rights' group which exists to help defectors from the north. Eye Spy understands one such defector, detained a few months ago and referenced in the magazine, admitted he was in fact an NK spy. The man in his 30s was taken to prison for interrogation. Sources now report he was found hanged in a shower. His identity has not been released by the authorities.

QATAR: Pakistan spymaster Lieutenant General Ahmed Pasha, chief of the country's ISI, secretly met a delegation of high-ranking Western intelligence figures in Qatar on 30 December. High on the agenda was the strained relations between NATO, the US and Pakistan following the death of 24 Pakistani troops killed in a friendly fire incident in November.

CIA FLYER'S SILVER STAR U-2 Pilot Gary Powers Receives USAF Award

The US Air Force has announced it is to honour (posthumously) Francis Gary Powers, whose CIA U-2 spy plane was shot down in 1960 over Russia, with a Silver Star. The incident was a defining moment of the Cold War and news of the award was made just weeks before the 20th anniversary of the official dissolution of the Soviet Union on 25 December 1991. Whilst in detention and under interrogation, Powers showed "steadfast loyalty, sustained courage and gallantry," this in the face of threats to his life. Powers was eventually exchanged for KGB Colonel Vilyam Fisher (Rudolf Abel) on 10 February 1962 at Berlin's Glienicke Bridge.

It was his son, Francis Gary Powers Jr. who requested that his father be considered for the medal. On hearing news that the USAF had granted the award, Powers Jr. said: "It is vindication of my father 50 years afterwards. Dad is one of our American heroes."

Gary Powers died in a 1977 helicopter accident.



Gary Powers pictured with U-2 designer Kelly Johnson. CIRCA 1960

NORTH KOREA'S KIM JONG-IL DEAD

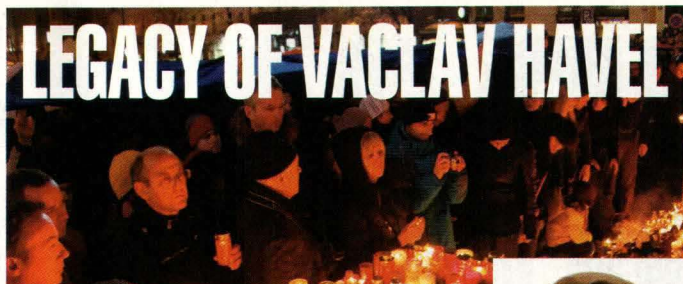
CIA Learned About Death Through NK Media

The 'father' of North Korea Kim Jong-Il died suddenly on 17 December 2011, though officials didn't announce his death for a further 48 hours. It is said to have suffered a heart attack while travelling on a train outside the capital Pyongyang. The communist state then backed days of mourning. The death of the dictator, who has ruled North Korea with an iron fist, is said to have taken the CIA by surprise and Langley only learned of his passing through the NK media. Within hours of the announcement, South Korea's defence forces were placed on alert and its military readied to respond to an attack.



Kim Jong-Il

Kim is succeeded by his son Kim Jong-Un - who was born in 1983 or 1984 - no-one knows for sure! A fact representative of this unstable nation now ruled by a person of which little is known.



Vaclav Havel, an iconic figure of the Cold War died on 18 December 2011. Havel, a playwright, poet, jailed dissident and later chain-smoking politician helped ease communism out of Eastern Europe thus allowing many countries in the Soviet Bloc to form their own independent countries and government. In 1993, Havel was appointed the Czech Republic's first president and only left office in 2003. He will always be remembered for his part in the 'Velvet Revolution' where under his calming influence Czechs edged towards freedom and democracy.



© ONDREJ SLAMA

Havel played a central and active anti-communism role during the 1968 Warsaw Pact invasion of Czechoslovakia, helping to run a radio station and providing commentary on Radio Free Czechoslovakia. Thereafter he became more political in his writings and underground lifestyle, this activity was monitored closely by the KGB and led to frequent spells in prison. At his funeral was another iconic figure - Poland's former President Lech Walesa who headed the anti-communist organisation 'Solidarity'.

GRU Intel Chief Leaves Post



Colonel General Aleksandr Shlyakhturov has left the military intelligence service

MOSCOW: Russia has replaced the head of its military intelligence service - GRU. Colonel General Aleksandr Shlyakhturov, who was appointed less than three years ago has handed the reigns to Major General Igor Sergun. It is not known whether he was pressured into resigning or if he stepped down.

The GRU is one of the country's most powerful intelligence organs and can trace its history back to 1918 and the Bolshevik Revolution. However, unlike other services such as the KGB, it did not change its name following the collapse of the Soviet Union.

Officially, Shlyakhturov, who was responsible for much reorganisation in the GRU, had reached retirement age (64), and thus stories of internal conflicts were untrue. News of his departure followed a press release announcing a GRU Meridian spy satellite had failed to reach orbit - crashing instead in Siberia. Shlyakhturov has been linked to a role with the Moscow Institute of Thermal Technology (MITT), developer of the Bulava ballistic missile and other missile systems.

F-16 PILOT - ESPIONAGE

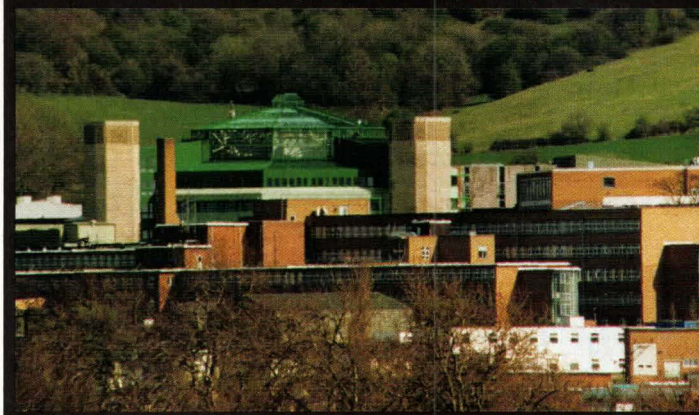
Former Dutch Air Force F-16 pilot Chris Vaneker, 37, has been sentenced to five years in prison after a court found him guilty of trying to sell state secrets to a Russian diplomat. Vaneker made contact with an unnamed military attaché at the Russian embassy in The Hague in an attempt to "broker a deal."

Eye Spy understands that Vaneker, a 13-year veteran who resigned after returning from operations in Afghanistan in 2010, tried to entice the Russian with secret technology related to a particular warplane. The

court noted that while many specifications of the F-16 are public knowledge, "the defendant had confidential information of a sensitive nature that the Russian Federation could be interested in, possibly for Russian companies that sell defence systems."

Dutch counter-intelligence officers learned of the scheme and in March arrested both men after they agreed to meet at a Scheveningen restaurant. A number of highly prized papers are thought central to the spy case, and a fee of half a million Euros (\$670,000) was demanded.

One of the UK's most famous intelligence buildings has closed its gates forever. The famous Oakley site operated by GCHQ (Government Communications Headquarters) in Cheltenham, is being decommissioned and the last staff left before Christmas. The site once supported an array of "super computers" and was nicknamed the "paradise dome" by locals.



IRAN: THE RED

WASHINGTON ISSUES

Former CIA chief issues Iran N-bomb 'hypothetical' prediction as Israel reforms its Depth Corps, already dubbed 'Iran Command' by intelligence watchers



Major General Shai Avital - head of the Depth Corps or 'Iran Command'

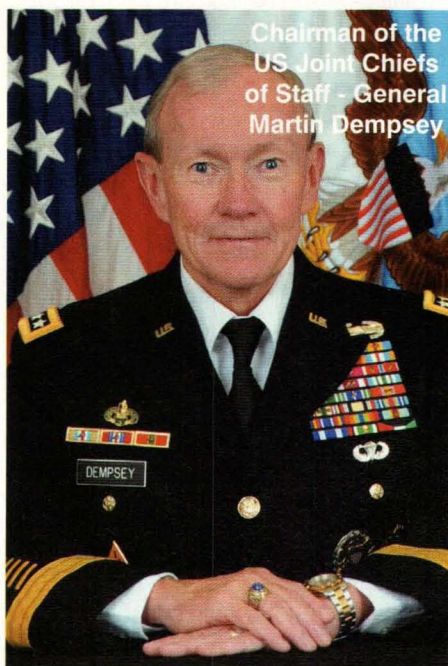
US Defense Secretary and former Director Central Intelligence Agency Leon Panetta, has publicly declared Iran already possesses sufficient resources enabling it to "assemble a bomb in year or less." Speaking to CBS news anchor Scott Pelley for the channel's '60 Minutes' news show, Panetta opted to make clear the US has gleaned enough good intelligence on Tehran's weapons programme that allows for such a chilling assessment. He then fired a "warning shot" over those forces in Iran who are behind its top secret nuclear weapons programme, by announcing Washington will take "whatever steps necessary" to prevent such a happening.

It was something of an admission by Panetta that his former agency got it badly wrong four

years ago when Langley analysts said Iran was the best part of a decade from building a bomb. Now the defence chief calmly told a reporter that, "Iran has reached the point where it can assemble a bomb in a year or potentially less." A caveat was added in that Panetta did not know if the Iranians have decided to go ahead yet. However, this was an incredibly significant statement that many in the media and government seemed oblivious to. There was no double talk or innuendo - America or possibly an ally will strike if necessary - and this undoubtedly means attacking one or more sites. "The military option was not off the table," said Panetta. The ally in this case is almost certainly Israel which fears an unstable Iran would have little hesitation in striking Tel Aviv. "Well, we share the same common concern. The United States does not want Iran to develop a nuclear

weapon. That's a red line for us and that's a red line, obviously, for the Israelis. If we have to do it we will deal with it."

And in a final comment which was picked up by intelligence watchers, Panetta, regarded by many as one of the best CIA heads in years, said Iran could reach its nuclear bomb goal sooner if it has a "hidden facility somewhere" where secret enrichment of fuel is taking place.



Chairman of the US Joint Chiefs of Staff - General Martin Dempsey



F-15I Ra'am - IAF warplanes have twice performed exercises simulating an attack on Iranian nuclear facilities

THREE WARNINGS LINE



Some saw this as a sideswipe at Iran - an admission that the US does indeed know about this unregistered and ultra covert site.

Defence officials played down Panetta's remarks, saying he was speaking "hypothetically," but few in the intelligence game do not recognise the defence chief had issued a subtle, but open warning to Iran. Panetta's comments about possible conflict were echoed by General Martin Dempsey, Chairman

Former CIA spymaster Leon Panetta recognises a dangerous situation is developing in Iran

of the US Joint Chiefs of Staff. Speaking from a military base in Afghanistan, Dempsey said US forces were in a position to "execute force against Iran if necessary." He also confirmed that despite the loss to Iran of a spy drone, intelligence gathering in the country continues apace.

President Barack Obama joined the debate: "We're going to keep up the pressure [on Iran], and that's why, rest assured, we will take no options off the table."

The threat of an attack on at least two sites linked to Iran's weapons programme is

probable. But just who will carry out the raid remains unclear. Even General Dempsey acknowledged that Israel may not warn Washington if it decides to strike. Perhaps a clue can be found in the resurrection of the IDF's (Israel Defence Force) Depth Corps, known in intelligence circles as the Iran Command. This highly secret and powerful unit last operated in the 1980s, therefore to see it re-emerge is significant. The main driver behind the move is one of Israel's top military officials - IDF Chief of Staff Lt. General Benny Gantz - very much a "hands-on" soldier.



IDF Chief of General Staff - General Benny Gantz visits Southern Command in August 2011

NO EXISTENTIAL THREAT

Speaking just before Christmas, Mossad Director Tamir Pardo, admitted Israel is using "various means" to foil Iran's nuclear programme, but refused to be drawn into a debate on a pro-active strike. He did however say that even if Iran was to obtain a bomb, "it would not mean the destruction of Israel."

Pardo's comments seem at odds with Israel's Defence Minister Ehud Barak, who just a week or so earlier said his country and the United States, "were determined to prevent Iran from obtaining nuclear weapons."



IDF Chief of General Staff General Benny Gantz trains with Israeli paratroopers in May 2011



© RUBI CASTRO



IAF Boeing 707 refuels
three fighters
Inset: Chief of the IAF
Major General Ido
Nehoshtan

Major General Shai Avital was named head of the new force, officially called the Depth Corps, and this has raised many eyebrows because in the last decade, it has been the Mossad at the fore of operations to unlock Iran's nuclear bomb programme secrets. However, it is generally accepted that the service which would lead an attack on Iranian weapons producing and related research sites is the Israeli Air Force, a major component of the IDF. Similarly, the IAF have already conducted at least two exercises over the Mediterranean Sea mimicking an attack on Iran and testing air defences.

The Depth Corps would also be responsible for moving and coordinating Special Forces beyond Israel's borders. Such highly trained operatives have been readied for mobilisation for the best part of three years, and have performed exercises inside dummy nuclear facilities. Other elite units have also trained for foreign missions and are likely to be absorbed into the new force.

Tel Aviv's choice of leader for the Iran Command, Shay Avital, 59, raised a few eyebrows in Israel. He has returned to active duty after 10 years in the wilderness. However, few would question his experience as a Special Forces commander.



IDF Chief of General Staff General
Benny Gantz may have created
Depth Corps for a specific mission

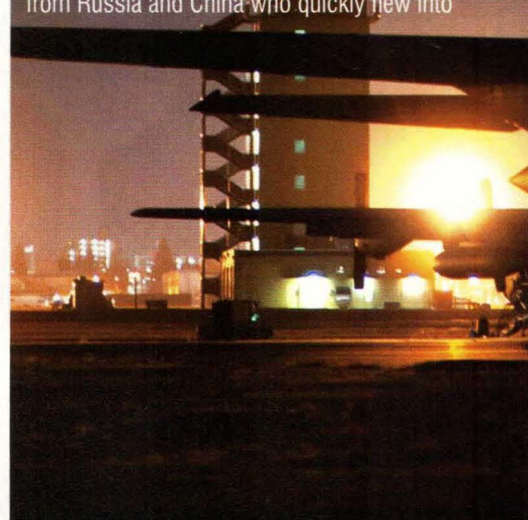
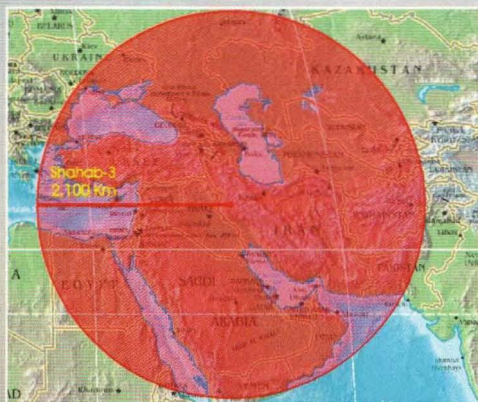
INTEL INSIDE: A nuclear weapon at Iran's disposal will almost certainly trigger an arms race in the Middle East. Already Saudi Arabia has said it will look to develop such a weapon if Iran builds one.

HAVE The Ser

On 4 December 2011, an Iranian military official called a press reporter based in Tehran advising that a "top secret US spy plane" had been captured. Four days later the craft, an RQ-170 Sentinel was shown on State television - the staged pictures coming from an Iranian Air Force hangar or gymnasium. Before this there had been hours of speculation about the actual aircraft type, and even rumours that the device was unknown. For Iran, this was a propaganda coup - a victory over the CIA - one that should be shared immediately with the world. In hindsight, it would have been much wiser to say nothing, and extend the CIAs and Pentagon's puzzlement as to how the device was captured. After all, Langley officials knew the aircraft was stealthy, unlikely to be shot down, and equipped with computer software that even in the event of a programme error, it could rely on its RTB (return to base) technology.

Nevertheless, the decision to go public caused a flurry of aviation writers to conjecture that a most secret drone had been seized and its technology plundered. The story was essentially true, though bits of it were unfounded. However, that didn't deter senior intelligence delegations from Russia and China who quickly flew into

Iran Shahab-3 missiles
are easily capable of
reaching Israel. Few
doubt Iran would
respond militarily if
attacked



BLUE AGAIN

Sentinel Incident

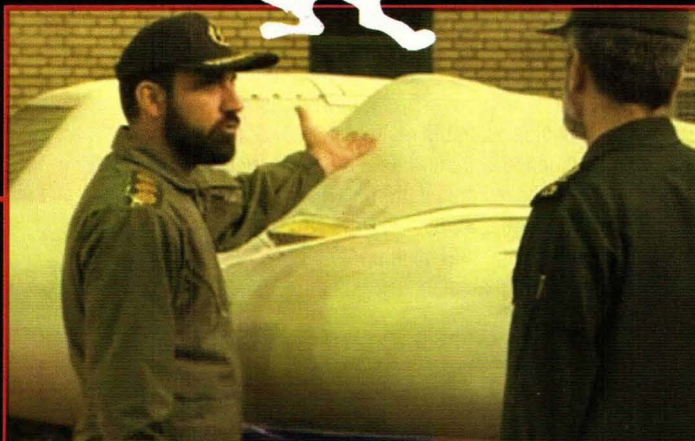


Tehran with a promise or two in return for spending some time with the aircraft.

The RQ-170 Sentinel, built by Lockheed Martin is but one of an array of new generation highly advanced unmanned aerial vehicles (UAVs) that now fly on behalf of various US government agencies. With a wing span of around 55ft, it has been dubbed the "Beast of Kandahar" by renown aviation writer Bill Sweetman. This because it was first seen at Kandahar Airport in late 2007, photographed two years later and has since been engaged in fighting with Taliban and al-Qaida forces in Afghanistan. Not that this UAV carries any special weapons: countermeasures and cameras yes, but no missiles. However, its theatre of operations has widened and besides flying missions over the border regions with Iran and Pakistan, it has been active over Korea. The aircraft is flown by Air Combat Command's 432nd Wing based at Creech AFB and the 30th Reconnaissance Squadron situated at the secret Tonopah Test Range.

Following release of a grainy photo showing the grey-cream coloured aircraft, many intelligence watchers have sought to glean additional information, or better photographs. This might be a little difficult as there are but a

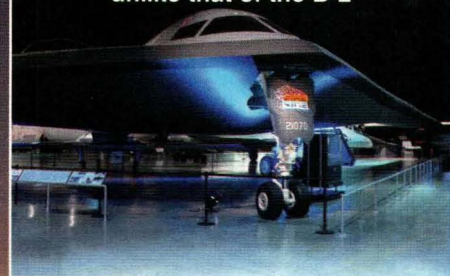
Lost spy drone is blow to CIA and US military but unlikely to end intelligence collection over Iran



An Iranian military official gestures to a colleague in a carefully prepared propaganda film. After years of being outmanoeuvred by the US, and in particularly the CIA, it was unlikely Iran would not to make a political point over the recovery of the Sentinel. However, had Iranian Intelligence stopped to consider just what they had in their hands, it would have been wiser to say nothing and leave Langley and Pentagon officials guessing...

handful of operational Sentinels. Its flying wing shape and what appears to be a sleek (some say cumbersome and fairly thick) retractable landing gear are an indication of its stealthiness and long-flight capabilities. Eye Spy intelligence sources have advised that the Sentinel's shape or airframe can be compared to a scaled-down version of Northrop-Grumman's B-2 Stealth Bomber. Whether or not there has been some sort of engineering collaboration is unclear at this moment.

The shape of the Sentinel is not unlike that of the B-2



A USAF C-130 HERCULES prepares for a night flight. Such aircraft have been used in the past by Langley for special rescue missions. In the case of the missing RQ-170 Sentinel, for a brief moment in time the CIA considered such an operation to recover the Sentinel but advisors warned it would be likened to an incursion. In any event, the US simply did not have sufficient intelligence or time to plan for such a mission, nor did the Agency understand the full circumstances of the Sentinel's demise

It's not just the loss of technology onboard the aircraft that concerns Langley and the Pentagon, though computer links could betray those facilities that control it and how information is transmitted. It is also the factual exposure of intelligence collection over Iran. An official complaint has already been lodged with Swiss officials who represent the USA diplomatically in Iran.

COVER STORY

Those who manage such operations usually fall back on a cover story, in this case saying the device probably malfunctioned. Some intelligence watchers believe the Agency should have acted with more haste declaring control of the Sentinel, which NATO already acknowledge had been operating over the west of Afghanistan, was lost and it veered away towards Iran. This would have given the US legitimate authority to request the return of the aircraft - an unlikely scenario but one which could have been pursued immediately. After all, the existence of the Sentinel is not

secret. Langley hesitated. However, the CIA in Kabul considered an operation to retrieve the craft. But, after noting it was 140 miles inside the Iranian border close to the city of Kashmar, officials deemed such an operation "too risky" - the political implications "too great."

Though Iran has declared the overflight a "hostile act," the Sentinel's 'RQ' designation (prefix) is interesting and reflects its position as an unarmed vehicle: another indication that the Sentinel is a multi-task intelligence collection platform. The prefixes on UAVs such as the menacing Reaper and Predator are 'MQ' - indicating they have weapons' carrying potential, or are intended for a more pro-active military role.

SKUNK WORKS

The Sentinel is but one of a long line of futuristic aircraft to have emerged from Lockheed Martin's famous 'Skunk Works' development team based in California, though with test beds around the world. Amongst its

notable successes are the U-2 spy plane, the F-117 Nighthawk Stealth Fighter and the fearsome stealth-technology packed F-22 Raptor. Just like the Sentinel, programmes such as the F-117 were shrouded in secrecy and this inevitably creates discussion, suspicion and brings out the conspiracy theorists. It's something those employed in the design wing of the Skunk Works and in wider research programmes are used to. It's also a reason why research and development of such advanced projects are deemed above top secret and housed in facilities far beyond the eyes of the casual observer. Happenings within the vast Nellis Air Force Range in Nevada spring to mind. However, if those technicians invited by Iran to examine the Sentinel believe it will provide a current status report on American aerial technology, they are sadly misguided. Projects are being tested right now that could have come from the creative mind of George Lucas himself.



AMERICA'S DREAM FACTORY

Lockheed's famous design centre - better known as the 'Skunk Works' - has been responsible for some of the greatest aviation projects ever seen. Amongst its creations are the U-2, F-117 Stealth Fighter, the SR-71 Blackbird and the F-22 Raptor (pictured below and right). Lockheed's latest addition to its impressive "family" is the F-35 Lightning II, a multi-role strike stealthy aircraft capable of performing long reconnaissance missions.

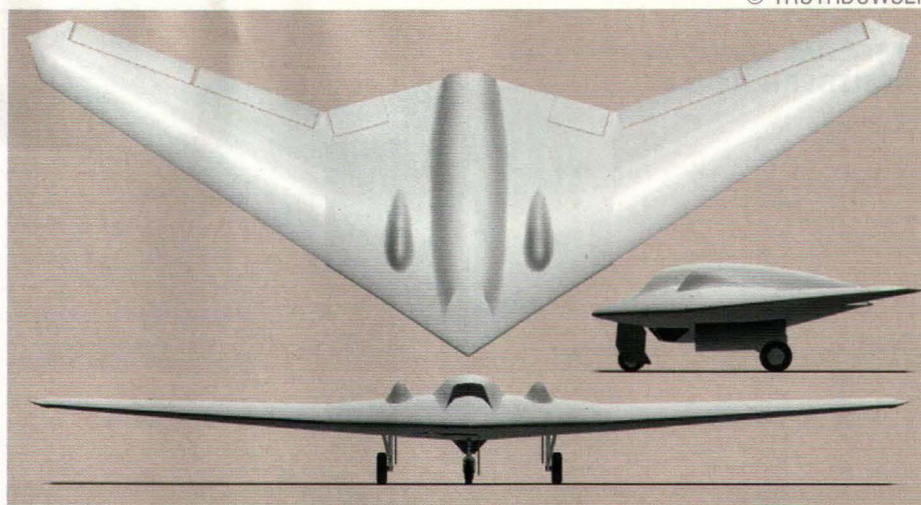
SKUNK WORKS



What flies today may be considered state-of-art, but work never stops on technology and concepts that belong to the future, an example of which can be found in the once secret programme code-named Have Blue.

HAVE BLUE AND SENIOR TREND

In the late 1970s the rumour mill was awash with stories of a top secret "super invisible aircraft" which had been built and was flying a hundred miles or so from Las Vegas. These reports predominately emanated from a small area used as a test and proving ground better known today by its military base parameters or early CIA designation - Groom Lake or Area 51. This rectangular strip of land about 12 miles in length and nine miles wide is contained within a huge difficult-to-access land area inside the southeastern section of Nellis Air Force Range and next to the Nevada Test and Training Range (All of which operate under the auspices of Nellis AFB a few miles



RQ-170 SENTINEL



Still operational and majestic - SR-71



F-117 Nighthawk



Two smart artist's impressions of the RQ-170 Sentinel show the aircraft's sleek contours and angular/smooth airframe that helps lower its radar signature. There is little doubt the recovered drone is a Sentinel. Eye Spy photo analysts note its careful positioning on a carefully concealed podium hides what could well be a damaged undercarriage and base. Though the image on the right shows a dent in a leading edge (circled)

THE 'HAVE' DESIGNATIONS

HAVE BLUE: THE SECRET US INTEL-USAF PROJECTS

The Have Blue F-117 programme is but one of a number of projects assigned the 'Have' or 'HB' designation. At the height of the Cold War the USAF began evaluating various recovered Soviet aircraft. Some USSR pilots defected leaving the aircraft intact and allowing analysts to perform in-depth research. The test ranges in Nevada received the fully functioning aircraft under programmes code-named Have Drill, Have Doughnut and Have Ferry. Have Doughnut, which first evaluated a MiG 21F ran for several years until it was replaced in 1983 with Have Idea. Another radar evaluation programme based near or within the Area 51 'box' was Have Glib.

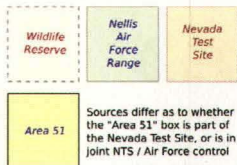
USAF test of Russian MiG 21



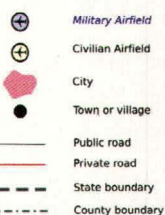
SR-71 assembly at Skunk Works

FEDERAL LANDS IN SOUTHERN NEVADA

Land use:



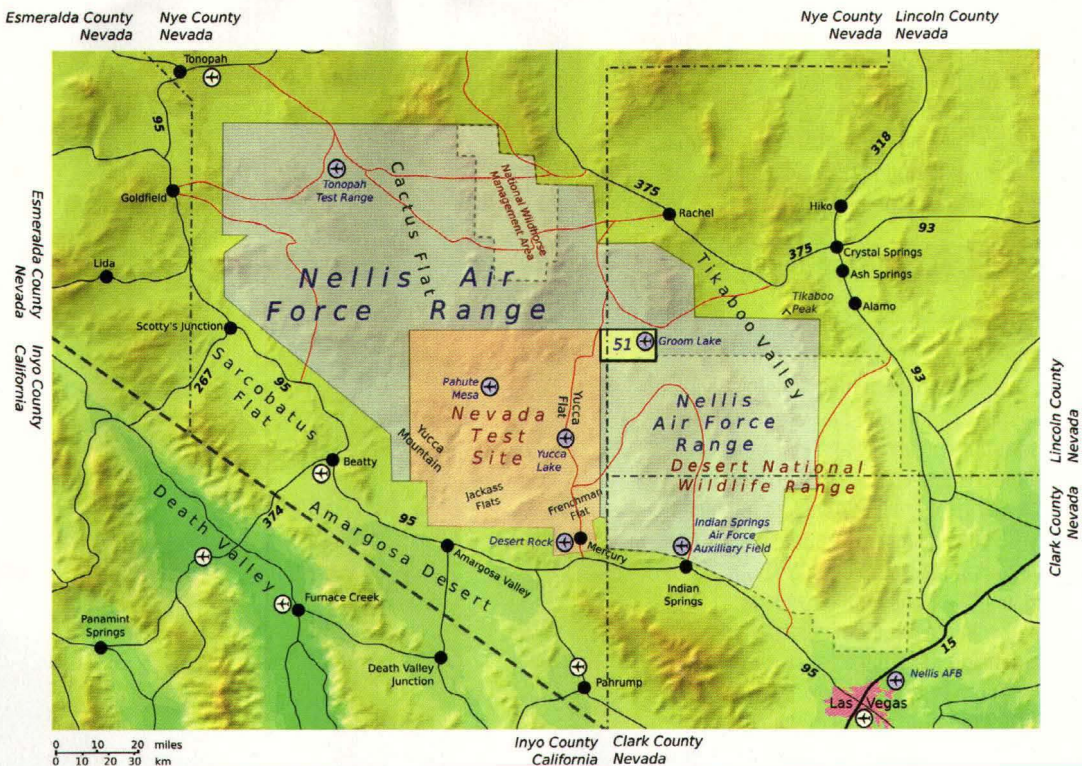
Legend:



Location:



Location of main map



northeast of Las Vegas). Groom Lake's self-contained airstrip, research and test facilities are staffed only by personnel with proper security clearance. Even the airline used to transport staff has become the focus of those who enjoy a mystery. The site is also supported by Edwards AFB in the Mojave Desert (California), plus other facilities. It's an ideal location for testing new aircraft concepts because it is surrounded by towering hillsides and terrain which can be secured relatively easily. Few people live in the surrounding area and the roads which cross the barren desert terrain quickly turn into private thoroughfares even before they reach the designated boundary of Nellis Air Force Range and the sand-wiched Nevada Test Site.

DREAMLAND AND PARADISE BASE

Eye Spy has discussed the facility with a number of former workers and employees who even today are reticent to speak about security



'Restricted Area' warning sign on approach to test ranges

© DOC EARLS

Long-range photograph showing Groom Lake and Papoose Lake, Nevada Test and Training Range. Inset: Satellite photograph showing same detail



projects from half a century ago. But more exotic tales are just that - tales.

Nevertheless, this didn't, and still hasn't stopped enthusiasts speculating about some of the more unusual projects being tested. Nor has the USAF done much to dissuade those who gather nightly in small towns such as Rachel about 35 miles away to reconsider using the unofficial code-names 'Dreamland' or 'Paradise Base'. And as a final indicator that

Groom Lake holds a few "cosmic secrets," State Route 375 which wends its way north-east above the Range almost clipping Groom Lake, was officially renamed the 'Extraterrestrial Highway' in 1996. However, speculation must stop there. What can be confirmed is that this part of the United States has been privy to some of the most spectacular aviation projects ever seen, and most, if not all have a military dimension, hence the security.

Lockheed's Skunk Works*, or to give it its proper designation - Advanced Development Programmes (ADP) is responsible for the technology used in the F-117. It's hard to believe this aircraft was first conceived over three decades ago and that its first flight took place in December 1977 amidst strict ground and airborne security. Also of interest, work started on the Have Blue demonstrator in Building 82 at the Skunk Work's Burbank facility in 1976. It took just 18 months from concept to construction. Thereafter a contract

LOCKHEED MARTIN F-35 LIGHTNING II

Helmet developed for the
F-35 Lightning II

Active Matrix Liquid Crystal
Display (imaging)

Sensor fusion

Binocular 40 degree
field of view

Integrated day and night
camera

Ejection safe to 600 knots
equivalent air speed

This multi-task highly versatile aircraft is the latest public product of the Skunk Works. The aircraft, part funded by the United Kingdom and other countries is packed with new innovations. With such projects come breakthroughs not necessarily associated with the aircraft itself. In this case those flying the F-35 do not need to engage targets directly (line of sight). Advanced technology, including sensors, allow the pilot to track and target aircraft from any orientation

THE WING WILL FLY

Lockheed and Northrop-Grumman's association with all-wing type aircraft goes back decades, and follows in the footsteps of designers such as American Jack Northrop, famous for his revolutionary creations including the YB-49 in 1947. Also of significance, Germany's Horten brothers, Walter and Reimer. The Hortens built the first all wing aircraft and it was one design type that was investigated as a possible atomic bomb delivery platform against New York City as WWII edged towards closure.

In the early-1980s, whilst Lockheed pursued its dream, Northrop officials with the permission of senior US officials including the head of the CIA, invited the company's founder, Jack Northrop, to a very special meeting. Northrop looked down at a table as a draftsman rolled out a design blueprint - it was easily recognisable to the father of America's first all-wing aircraft. He was told, "Jack, the project is alive again... its [the project] official title is the B2." Jack Northrop was full of emotion and pride, after all, 30 years earlier, USAF officials had decided to drop his flying wing project and focus on other designs.

In November 1988, dignitaries and the media alike gathered at an aircraft hangar in Palmdale, California. They had been invited by chairman Thomas V. Jones. As the hangar doors opened, Jones proclaimed: "Welcome the Northrop B-2 Advanced Technology Bomber."

Northrop YB-49



Northrop YB-49
First flight - 21 October 1947



© NORTHROP GRUMMAN CORPORATION



Horten IV manned glider at the
Deutsches Museum, Munich



B-2 Spirit Stealth Bomber

COURTESY: USAF MEDIA

MQ-9 REAPER



LOCKHEED MARTIN 'POLECAT' (P-175) UAV



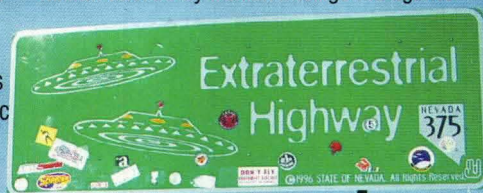
A 'Polecat' UAV - a play on the word 'skunk' with a direct reference to Lockheed's Skunk Works, crashed in the Nevada Test Flight and Training Range in December 2007. Lockheed said this was due to a "failure of the flight termination ground equipment," causing the UAV's fail-safe flight termination mode to activate. "The flight was normal before that," a spokesman said.

was awarded and the project given the code-name Senior Trend. Before this much speculation had ensued about a secret aircraft that was shielded under a programme code-named Have Blue. This of course turned out to be the demonstrator programme (HB1001) tested by Lockheed at Groom Lake.

Like the F-117, Northrop's B-2 Stealth Bomber used technology, airframe coatings and other systems to make its radar signature less obvious - the aircraft were both presumed "invisible to radar." Now of course, aviation systems and counter-measures have improved and this includes radar detection. But many high-end technology-packed aircraft have another vulnerability, one that is not so obvious - computers. And this is even more problematic in UAVs which are 100% dependent on computer control and software packages. There are lots of examples of hackers taking control of computer systems from thousands of miles away. And this may be relevant in the case of the downed Sentinel.

CYBER WARFARE?

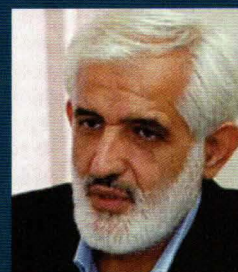
Analysts remain uncertain how the CIA-controlled Sentinel was captured. The Pentagon say the device probably malfunctioned and crashed, but this does not explain film footage of the Sentinel showing it to be undamaged. A counter claim made by Iranian Intelligence that its own cyber command (Electronic Warfare Unit) had "hacked" the drone's system causing it to descend in a controlled fashion, seems plausible. In recent months at least two incidents have been reported whereby the Taliban backed by Iranian intelligence agents



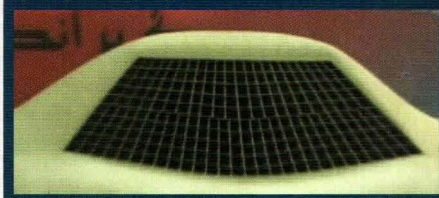
Strange but true - State Route 375 that skirts the test range is officially known as the 'Extraterrestrial Highway'

REVERSE ENGINEERING

A senior Iranian lawmaker and member of Iran's national security and policy committee, Parviz Sorouri (pictured), claimed Iran will be able to



"reverse engineer" the Sentinel allowing the military to produce an even better UAV. Many US intelligence watchers believe this cannot be achieved without assistance from Russian or Chinese design and engineering technicians



have somehow managed to intercept camera intelligence (signals/communications) being beamed back to US bases from patrolling UAVs. Though operating procedures and computer commands (by way of satellites) to such UAVs remain absolutely secret, it is not beyond the realm of possibility that Iranian computer specialists have somehow learned of the signals/command configuration. An early Iranian claim that the UAV was shot down seems unlikely.

INTELLIGENCE COLLECTION OVER IRAN

It's no secret that for the best part of a decade US Intelligence has operated a highly secret programme in and over Iran to secure intelligence on the country's nuclear ambitions. With HUMINT difficult to come by, aerial and space photography has become an essential compo-



A 1967 CIA document refers to an 'Area 51', but a USAF response about the site dated 1998, states clearly neither the Air Force or DOD operate or own a location called Area 51. Strictly speaking, the USAF are correct!

~~TOP SECRET RUFF~~
OX CART

BYE 2369-67
Page 15

II. OXCART RECONNAISSANCE OPERATIONS PLAN

1. The required photographic coverage of North Vietnam will be accomplished by the OXCART vehicle operating from Kadena Air Base in Okinawa. This operating location at Kadena has been prepared for OXCART operation for some time.

2. Operational missions will be planned, directed and controlled by the Central Intelligence Agency Operations Center. Three OXCART aircraft and the necessary task force personnel will be deployed from Area 51 to Kadena.

3. With this inventory a minimum of nine (9) successful operational missions per month can be flown consistent with available weather. Overcast skies are a pre-condition associated with the monsoon season and unsuitable for effective photographic reconnaissance. As the monsoon season wanes, the number permitting more frequent, repeat missions will be launched on this will permit maximum utilization of the available inventory. In addition to the necessary test and proficiency flights, OXCART aircraft will be rotated to maintain the required number of operations from Kadena.

~~TOP SECRET RUFF~~
OX CART

HANDLING
KEYHOLE OPERATIONS
JOINTLY



Office of the Secretary

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

AUG 1998

Dear _____

This responds to your letter to the Secretary of the Air Force regarding "Area 51."

Neither the Air Force nor the Department of Defense owns or operates any location

There are a variety of activities, some of which are classified, throughout the Nellis Range Complex. There is an operating location near the Nellis Range, both past and present, which has been discussed publicly.

Three OXCART aircraft and the necessary task force personnel will be deployed from Area 51 to Kadena.

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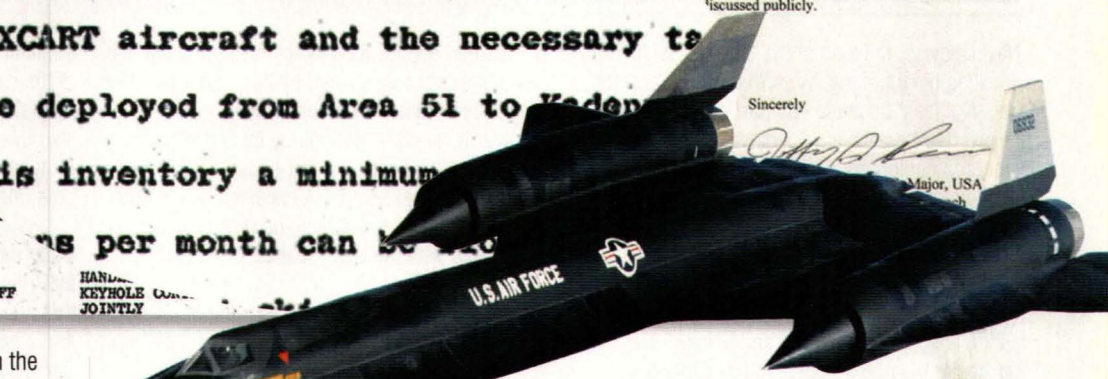
Overcast skies are a pre-condition associated with the monsoon season and unsuitable for effective photographic reconnaissance.

As the monsoon season wanes, the number permitting more frequent, repeat missions will be launched on this will permit maximum utilization of the available inventory.

In addition to the necessary test and proficiency flights, OXCART aircraft will be rotated to maintain the required number of operations from Kadena.

Sincerely,

William J. Gormley
Major, USAF



The CIA paper refers to project Oxcart - the Langley code-name for Lockheed's futuristic A-12 spyplane which eventually developed into the SR-71 Blackbird. The programme was first initiated in 1959

ment of the CIA's overall project. Though the National Reconnaissance Office (NRO) has moved some of its powerful space systems over Iran and the NSA stepped-up its communication interception programme, the CIA still requires much needed data which can only be secured by intelligence collection flights. The unmanned Sentinel was seen as an ideal operator, especially good at avoiding detection even over built-up areas. What, if any radar signature is returned by this UAV remains unknown, but it is believed the Sentinel played

a role in the military operation that led to the killing of Osama bin-Laden in Abbottabad, Pakistan in May 2011.

As for Russian and Chinese interest, the CIA has monitored a handful of unscheduled flights enroute to Tehran that were undoubtedly carrying technicians and officials, all keen to learn about the Sentinel's inner and outer secrets. "This won't be easy," said Dennis

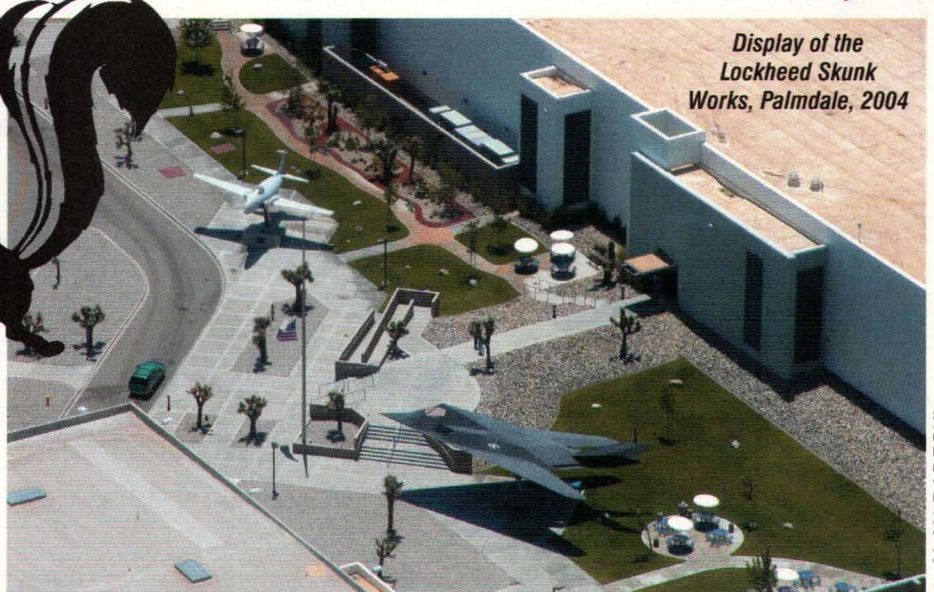
Gormley, a US authority on missiles and drones. He also warned that trying to reverse engineer the project may prove too difficult because the data and information (including stress charts and tolerances) used to create the final model, still remain unknown.

A selection of UAV demonstrators



COURTESY: US NAVY

Display of the Lockheed Skunk Works, Palmdale, 2004



© ALAN RADECKI



Much speculation has ensued about the UAV's controlling agency - intel watchers are undecided at present if the Sentinel had embarked on a secret CIA mission, or whether or not it was operating under the auspices of the US military



An Iranian Government photograph showing the drone in near-perfect condition. Note the Sentinel's undercarriage has been concealed. This has fuelled speculation that contact with the UAV was lost and the device simply fell to earth

Nevertheless, the loss of the Sentinel, which has a ceiling height of just over 50,000ft, is problematic. Not least because this particular UAV was believed to be carrying special cameras and research equipment. This includes sensors capable of detecting and measuring chemicals and other substances that can betray a nuclear area or facility. And unlike space-hosted cameras, the Sentinel was ideal for instant long-duration surveillance of roads, vehicle traffic and all the associated comings and goings of a particular plant. Also observed and recorded, construction work and the infrastructure necessary to support such facilities.

Analysts say that the loss of a Sentinel to Iran is not the disaster many observers paint. Those

with a keen eye for technology also note that one piece of equipment carried by this particular UAV is already outdated - the full motion video camera. It was this technology that reportedly helped the CIA determine bin-Laden's location after the Sentinel sent back excellent imagery of couriers, visitors, deliveries and other characters associated with the terror leader.

This photo/film intelligence was examined by the National Geospatial Intelligence Agency (NGA). Using what's called 'pattern of life activity' analysts were able to determine a high-profile figure resided in the compound. Once a CIA surveillance team was embedded nearby and additional intelligence gleaned, it was clear the building contained the person of bin-Laden. The

Sentinel data was also used to form a 3-D model of the compound allowing US Navy SEALs to train specifically for an attack mission. It was also this aircraft that beamed real-time film footage back to Washington of the actual night-time raid on bin-Laden's compound.

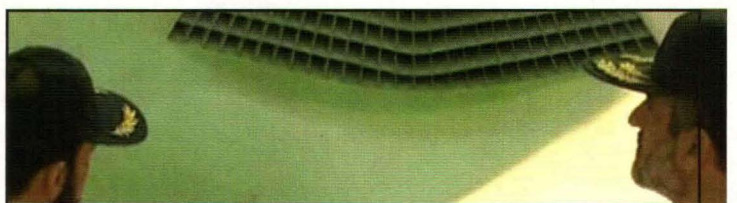
Other camera systems, including one developed by British Aerospace (BAe Systems) now exist that are said to be over 50 times more powerful and advanced than the camera contained within the captured Sentinel. Like Lockheed's late 1970s programme - Have Blue - which developed into a global industry of stealth-like aircraft, the technology which drives the UAV is changing and moving ahead at an extraordinary rate. Some projects will fail, others will succeed, but those

INTEL SPECULATION

Debate rages over authenticity of device and how Sentinel fell to earth

Ever since the Iranians displayed the recovered drone on a government recorded film, there has been much speculation about what actually caused the UAV to land or crash. There has even been a debate on whether or not

the device is real. John Pike head of the Internet intelligence group GlobalSecurity.org was first to raise concerns about the pictures. He said "it was not what you would expect following a crash," a reference to the Sentinel's apparent "good



health." He also refused to rule out the possibility the aircraft was some sort of mock-up, noting Iranian Intelligence almost certainly had all the relevant data on the drone's size and shape prior to the incident.

Aviation writer Bill Sweetman, on the other hand, finds the footage convincing and has an explanation why the device appears intact. He says if the Sentinel entered into a "flat spin" this would allow it to come down in a manner of a falling leaf. The underside would be scratched or dented, but the aircraft would in the main be intact.

Officially the Pentagon, and CIA whose drone it was, have refused

to speculate. Even when asked to provide a comment on whether or not the device is authentic, the response is fairly standard. "Unless we have access to it, a guess would be inappropriate."

However, Eye Spy sources say the UAV is indeed authentic and the Sentinel lost by the CIA. As to how it was obtained, the intelligence world is still unsure if its computer flight plan was altered mid-flight. Nevertheless, the only damage visible is a slight dent on a leading edge, which in itself proves nothing. We were also informed that the aircraft may also have come down in water, thus avoiding serious damage. Another indication, perhaps, that it was under control.





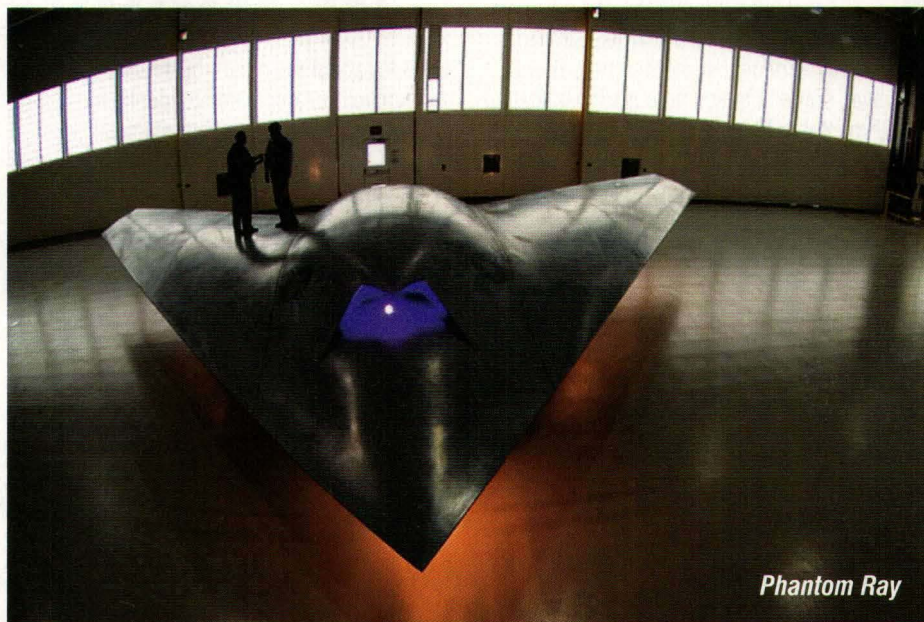
Whilst the loss of one UAV type is a bitter blow to the US, numerous other high-end drone projects are fast approaching full operational status, including the stunning Boeing Phantom Ray, naturally pictured at Nellis AFB. When compared to the Have Blue Demonstrator of the late 1970s (the forerunner of the F-117 Stealth Fighter), this UAV seems to have come from the future.



whose job it is to predict what the future holds point out that most of the UAVs already operational, are being constantly modified, or improved. Other UAV projects are so secret that the Groom Lake rumour mill, which never really disappeared, is active again.

There have been a host of improvements at one known location - Yucca Lake - also contained within the Nevada Test Site. It is here that some drones and future concept demonstrators are tested, and it is here too that UAVs like the Sentinel found favour with military planners. Amongst the projects being considered are remotely piloted aircraft that are capable of flying at the edge of space and at several thousand miles an hour. Little wonder, therefore, that some aviation planners find splendid aircraft such as the F-117 and B-2, whilst still spectacular in appearance, a "little dated."

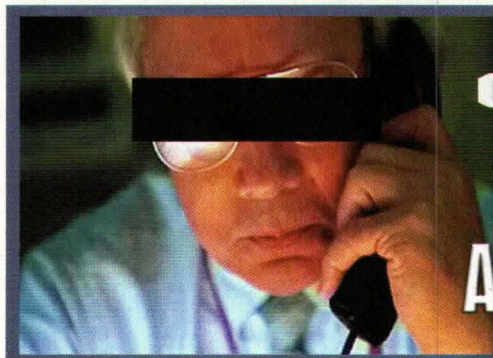
** Located at USAF Plant 42 in Palmdale, California. Prior to this it was situated at Burbank-Glendale-Pasadena Airport*



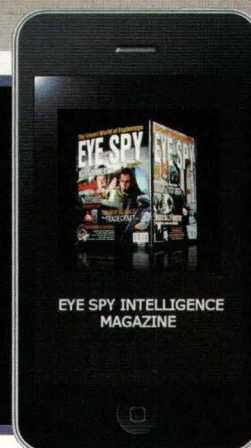
Phantom Ray



Have Blue demonstrator in Building 82



COMING SOON
EYE SPY
App and e-magazine



60 MINUTES



For those opposed to New York City's counter-terrorist operations and relations with the wider intelligence community, the recent arrest of Jose Pimentel, 27, a self-styled would-be bomber, is evidence enough that the city remains al-Qaida's main US target. Similarly, the security services are right to be pro-active. However, some sceptics note the investigation into Pimentel, a Muslim convert originally from the Dominican Republic, was not organised or actioned by the FBI. This has led to claims of another "government manufactured sting," - a suggestion fiercely rejected by NYPD officials.

Pimentel, who also goes by the name of Muhammad Yusuf had been under surveil-

FBI and NYPD clash over threat posed by al-Qaida 'lone wolf'

lance for about two years by an elite NYPD undercover unit dedicated to identifying terrorist cells. An early piece of intelligence gleaned by detectives that this long-time New York resident actually considered changing his name to Osama Hussein, in honour of two of his heroes - Osama bin-Laden and Saddam Hussein.

However, though not fully involved, intelligence figures from the FBI believe Pimentel's main

motivation was a man familiar to most counter-terrorist officials, the deceased terror recruiter Alwan al-Awlaki. Awlaki was killed by the CIA in Yemen after Langley officials considered his Internet broadcasts had started to have a genuine effect in respect of recruitment and influence, as evidenced by terror attacks in the USA. But unbeknown to many people who communicated with Awlaki the National Security Agency, for the best part of four years, monitored these liaisons.



Mayor Bloomberg and Ray Kelly (left front) lead the New York Veterans Day Parade just one week prior to the derailment of the 14th terror plot encountered by the city's security services since 9/11

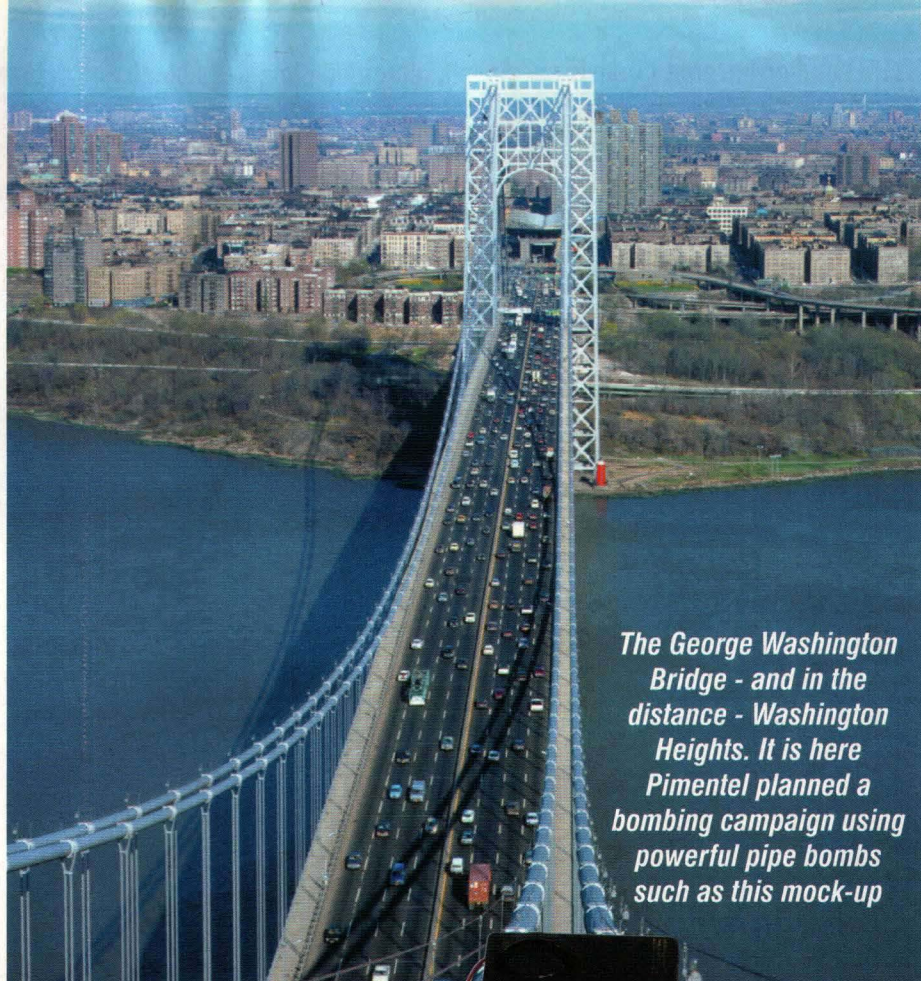
V FOIL BOMB PLOT

© CBS 2

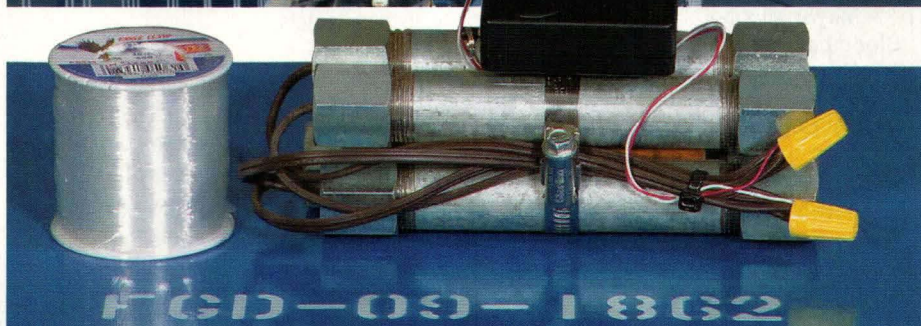


Jose Pimentel (R) pictured in court with his solicitor Joseph Zablocki

Awlaki believed Pimentel would make an excellent operative because of his location. An e-mail sent to Awlaki allegedly by Pimentel notes that if an attack was carried out on US soil, other supporters of al-Qaida in the city would rise up. Police then secured another e-mail from the New York resident - its content was reason enough to initiate a major surveillance operation supported by the CIA. In 2009, Pimentel wrote Awlaki and asked that he be allowed to train at a terror camp in Yemen, "before I return to New York to become a martyr." He never received a response, at least not via e-mail. His list of targets included police vehicles, stations and returning soldiers. However, there was also a public dimension to his alleged campaign in that US post offices would be selected.



The George Washington Bridge - and in the distance - Washington Heights. It is here Pimentel planned a bombing campaign using powerful pipe bombs such as this mock-up



UNDER SURVEILLANCE...

Left: Pimentel is caught on camera cutting match heads. Some IED makers mix the match heads to help ignite explosives within pipe bombs

© NYPD



© CEZARY PIWOWARSKI

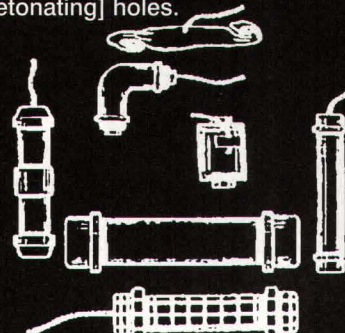


Pimentel's target included NYPD vehicles

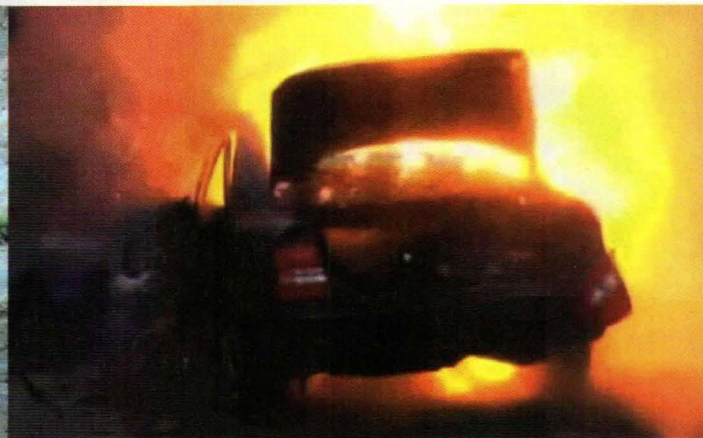
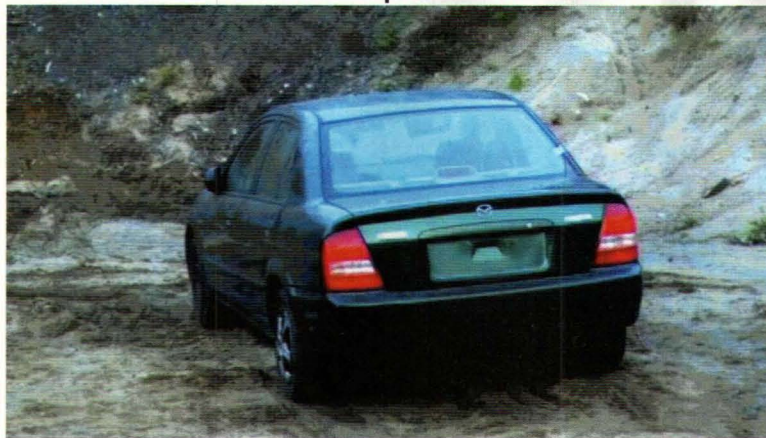
THE PIPE BOMB

This type of IED (improvised explosive device) has been around for decades. Often cut from copper piping and packed with gunpowder, they are easy to assemble and can be deadly.

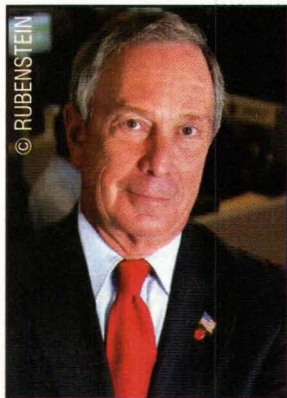
They were a "popular" choice for terrorists operating in Northern Ireland during the 'Troubles'. Pimentel's device was much more creative in that he chose to use a fairly wide pipe allowing for the insertion of additional nails. Eye Spy understands a drill bit had already been used to make three [detonating] holes.



NYPD counter-terrorist forensic specialists recreated Pimentel's bomb and detonated it in this vehicle



© NYPD



Mayor Michael Bloomberg was taking no chances despite the apparent reluctance of the FBI to get involved

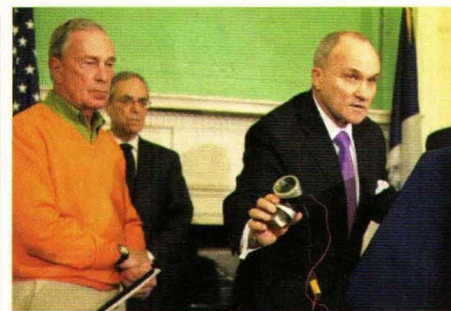
bomb-making instructions written by experienced al-Qaida IED builders.

Eye Spy's New York sources say Pimentel started to move his ambitious scheme forward in the summer of 2011 - this by collecting items for the attacks.

Strangely, Pimentel's gripes about US troops in Iraq and Afghanistan were also allegedly raised on a web site that Eye Spy understands was actually built and maintained by Pimentel himself. Sections included

Purchases made by Pimentel were monitored by carefully placed undercover officers in locations frequented by the target. And once the CIA Predator had killed his idol in September (Awlaki) there seemed more urgency in his quest. Some of his purchases raised more red flags - enlarged elbow piping, gloves, an alarm clock and a string of Christmas light bulbs. Some of these items were mentioned in al-Qaida's on-line magazine *Inspire*. A recorded 7 September phone call is further evidence of his intent, and both a bank and police station in Bayonne, New Jersey were mentioned as "legitimate targets."

NYPD Intelligence Division tasked an operative to get close to Pimentel and once this was achieved, his ambitious plot was taken even more seriously. On 18 November he visited the apartment of the undercover agent and it was here that physical work or bomb assembly began. Unbeknown to Pimentel, the flat had long been primed



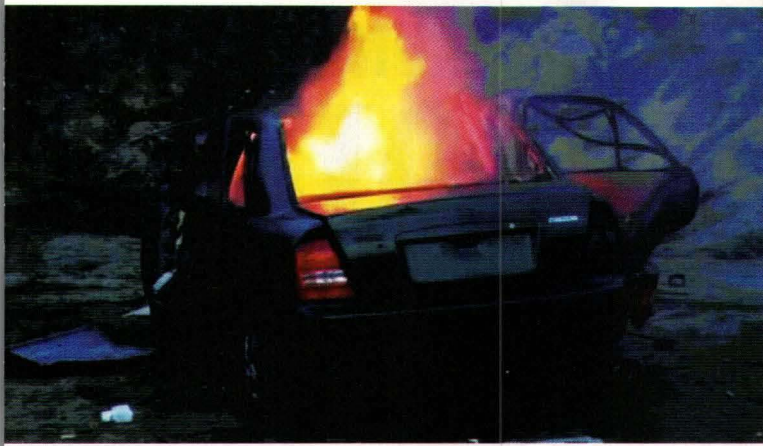
Ray Kelly and Michael Bloomberg front a late night press conference following the arrest

with surveillance cameras and "convincing evidence" secured. At least one pipe bomb, packed with nails to act as shrapnel, was just 60 minutes away from completion. Shortly thereafter, Pimentel was arrested at his home in Washington Heights - caught as he built one device. Some 400 hours of recordings (audio and film footage) had been secured during the duration of the investigation.

© NYPD

New York District Attorney Cyrus Vance said Pimentel had been charged with conspiring to build a bomb for terror purposes and possessing a weapon with the intent of waging a campaign of violence





"Pimentel was mentally unstable" - FBI source

"The target was competent and wise enough to use various outlets, including Home Depot to purchase individual bomb components... he knew exactly what he was doing" Eye Spy - NYPD source



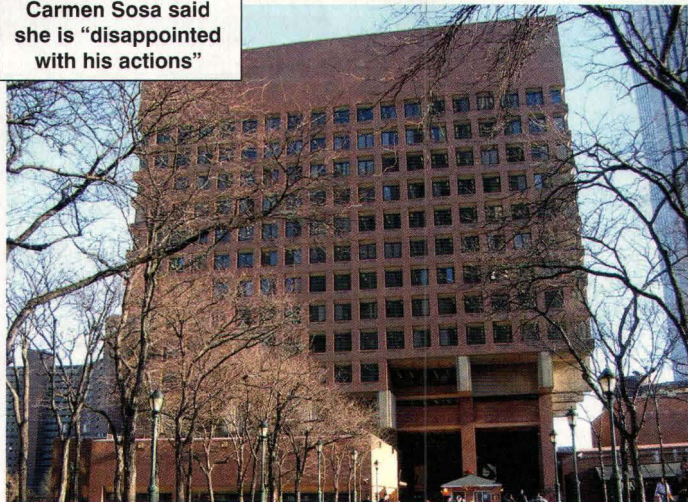
Anwar al-Awlaki

Following his arrest, Mayor Michael Bloomberg and Police Commissioner Raymond Kelly held a joint press conference. "There was no question we had to take this man down," said Mr. Kelly. "There was an imminent threat." Mayor Bloomberg called Pimentel a "lone wolf" and said he had been "inspired by al-Qaida propaganda." He also confirmed this incident was the fourteenth terror plot in the city since 9/11. Just as dramatic and telling was the playing of a supportive NYPD explosives forensics film sequence that showed the impact of a replica car bomb based on Pimentel's design.



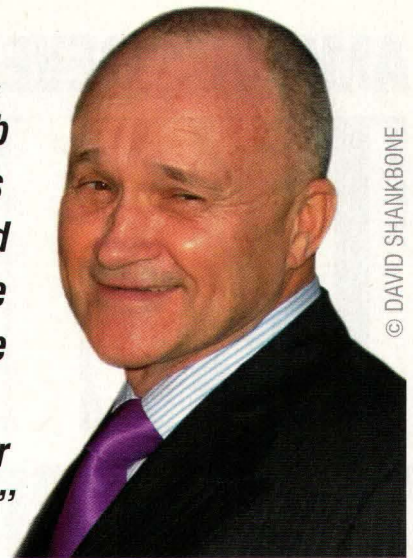
Pimentel's mother Carmen Sosa said she is "disappointed with his actions"

Some commentators believe that because of the FBI's apparent "reluctance" to get more involved with the case, this was evidence Pimentel had neither the predisposition or ability to carry out the attack. The truth is the FBI were happy and confident NYPD's own specialist units had the task in hand, and were monitoring the situation to see if the target managed to secure liaisons with other people both in the United States and beyond.



NYPD headquarters, Lower Manhattan

"He was, in fact, putting this bomb together. He was drilling holes and it would not have been appropriate for us to let him walk out the door with that bomb..."



© DAVID SHANKBONE

Police Commissioner Raymond Kelly



© XTOPHER1974

Why Pimentel decided to target the US Post Office remains unclear, but analysts believe he was intent on spreading fear throughout the city

However, it seems evident, but for the well-placed agent, Pimentel acted alone, though always under the watchful eye of a dedicated security team. Undoubtedly had a larger conspiracy unfolded, additional support and resources would have been called upon.

CASE REVEALS TURF WAR TENSIONS

Old habits die hard in suspicious city

EDITOR'S NOTE: The relationship between NYPD's Intelligence Division and the FBI has often been described as "tense." Since 9/11, the city's police force has enlarged its counter-terrorist unit and proceeded to create a worldwide network with overseas intelligence elements designed to secure an influx of useful information relevant to the city's security. However, recent concerns of an "active CIA liaison" in the department and other incidents have once again raised the spectre that cooperation is being affected by internal disputes and "turf wars." Eye Spy understands the FBI, which has ultimate power on terrorist investigations, was concerned about the NYPD informant attached to Pimentel. What those concerns centre upon has yet to be confirmed or clarified, however his mental health is believed to be one consideration and the perception of entrapment another.

However, Eye Spy was told the supposed "negative response" raised by some journalists and solicitors is "creative" and that the FBI was indeed supportive. "Another FBI security man called the operation. "a poke in our eye."

AMERICA REVEALS ITS NEW TUNNEL HUNTER...

THE NEW LOOKING

THE MASSIVE ORDNANCE PENETRATOR

On 12 November a massive explosion occurred at Bid Ganeh - an Iranian Revolutionary Guards Corps (IRGC) munitions base about 30 miles west of Tehran. The facility, according to Eye Spy sources, was home to hundreds of ballistic missiles including the intermediate Shabab-3. Within days, speculation was rife that the blast was not an accident. Some journalists and political commentators placed the blame on a CIA clandestine drone strike or Israeli Mossad agents, while others considered it a simple accident.

Opinion changed somewhat when officials in Tehran released the names of the victims. Attention quickly focused on the identity of one of 16 Guards who died in the incident -

Iran's ballistic missile chief - Major General Hassan Tehrani-Moghadam. He was known to Western Intelligence as the architect of Iran's missile programme, and had been instrumental in establishing defence rings around many key bases, some of which are linked to the country's nuclear ambitions. Moghadam also performed much research at Tehran University, and was rumoured to have established an IRGC-linked outfit called the 'Jihad Self-Reliance Unit.' Eye Spy sources believe he had been identified via a scientific source and was deliberately targeted because of his links to Iran's nuclear bomb programme. And to confirm the importance of Moghadam, Supreme Leader Ayatollah Ali Khamenei attended his funeral.

The United States countered initial speculation by announcing its drone weapons do not possess such a high degree of accuracy to strike and detonate a warhead on the ground. Just as important, some analysts say methods of warhead transportation and storage used by Iran are not as exacting as those used by more security conscious countries, indicating the explosion may have been an accident after all.



**Major General
Hassan Tehrani-
Moghadam**

**Eye Spy sources
believe Moghadam
had been identified
via a scientific
source and was
deliberately
targeted because of
his links to Iran's
nuclear bomb
programme...**

A USAF B-2 stealth bomber is readied for a flight. The aircraft has been quietly refitted to carry the world's most powerful bunker busting bomb



GLASS

COURTESY: USAF MEDIA



USAF B-52 and B-2 warplanes have been reworked to carry the Massive Ordnance Penetrator also known as BLUBoy

Coincidental timing: Pentagon ramps up its psychological intelligence war against Iran - this as yet another key military official dies in unexplained explosion



Pentagon press secretary George Little and Navy Captain John Kirby

In recent weeks, reports have emerged that American E6B Doomsday aircraft have taken to the air recently, including one which flew over Britain. These technically advanced aircraft are part of the Air Force Global Strike Command with responsibilities linked to nuclear capable assets.

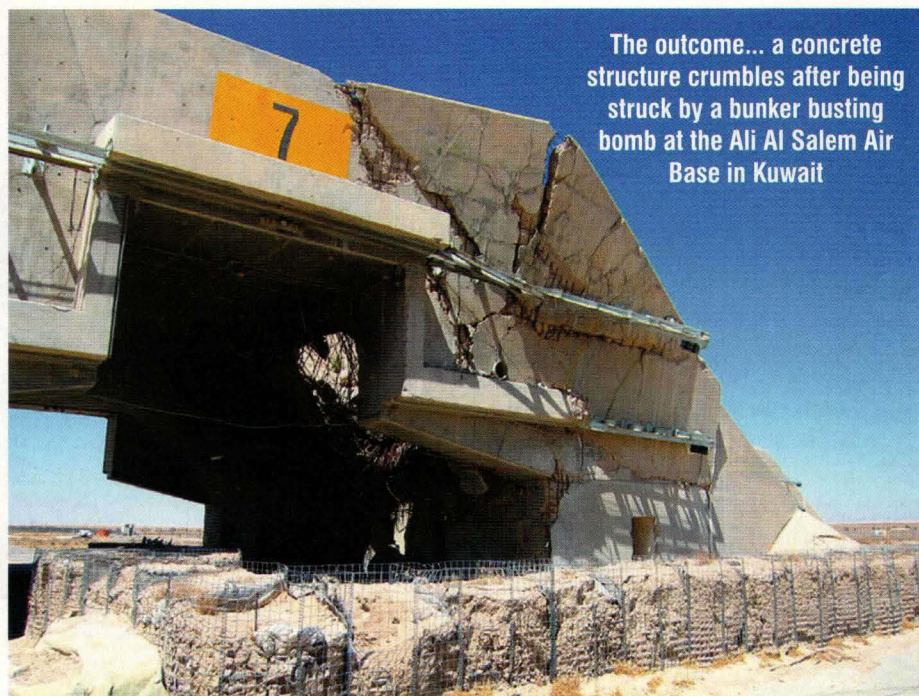
The role of the US Navy aircraft E6B was inherited from the well known EC135 which was given the codename 'Looking Glass'. Its original mission was related to strategic command and designed to replace the Global Operations Centre should it become unable to operate. The E6B, based on the Boeing 707-

320 is hardened against nuclear weapons and Electromagnetic Pulse or EMP as it is usually referred to. A worldwide communicator it also winches out a five mile cable to allow it to communicate with submerged submarines [they also trail extra long wires] on frequencies in the tens of kilohertz range at the extra low frequency end of the radio spectrum, ELF.

It's worth noting that despite Iran's repeated claims that its nuclear research is intended only for peaceful purposes, one intelligence estimate suggests it could have five nuclear warheads ready by April 2013.



Test firing. A GBU-24 Paveway III missile sinks inside this structure before exploding



The outcome... a concrete structure crumbles after being struck by a bunker busting bomb at the Ali Al Salem Air Base in Kuwait

COURTESY: US DOD MEDIA

© HZ01

IAEA's IRAN REPORT



A new report prepared by the International Atomic Energy Agency (IAEA) on Iran's nuclear programme, now concludes that there is every indication the country has performed research and tests that can only have relevance to a nuclear weapon. "Iran has carried out activities relevant to the development of a nuclear device," the report states.

John Kerry, Chairman of the US Senate Foreign Relations Committee said the IAEA report makes clear Tehran has not been truthful about its nuclear ambitions. For its part, Iran dismissed the Agency's findings calling them "baseless."

International Atomic Energy Agency headquarters, Vienna



Intelligence further suggests that with Iran's nuclear programme already this advanced there may only be an attack window of a few months for a viable strike to avoid contamination, yet cause maximum damage to its nuclear infrastructure. Note that any attack after that time may well cause a plume of potentially harmful radioactive contamination to fall across the Gulf region of Arabia; notably the main source of the world's energy.

Perhaps the answer to the world's problems, or Iran's nuclear expectations at least, is the Massive Ordnance Penetrator GBU-57A/B precision guided [GPS] bunker busting bomb. Known as 'MOP', the weapon is the biggest of its type.

Developed by Northrop Grumman and Lockheed Martin from the drawing board stage in 2002, its 2.4 tonnes (5300 lbs) of high explosive ensures destruction at a depth of 200 feet of concrete reinforced to withstand pressures of 34MPa (~5000psi)

or for a doubly reinforced concrete designed to withstand pressures of 69MPa (10000psi) the limit will be 26ft.

No problem if the enemy nuclear base is hewn out of moderately hard rock because it will be destroyed under 130ft of the stuff.

This massive weapon, built by Boeing in Chicago, can be deployed by recently refitted B-2 bombers. The actual device weighs in at 14 tonnes and is expected to better the results seen in Iraq where the then deployed bunker busting bombs caused inadequate levels of destruction due to poor penetration. Eight devices are already operational with another 12 on the order books.

This Massive Ordnance Penetrator is also known affectionately as BLUBoy (some say because of its colour from mock-ups or the BLU abbreviation - Bomb Live Unit). It is 20ft 6ins long, 2ft 7ins wide and weighs 30,000 pounds. It's built for business and has already been released from a B-52 bomber (trial launch). It was first tested at the White Sands Missile Range in New Mexico in 2007. MOP is about ten times more powerful than its recognised predecessor - BLU-109.

Pentagon spokesman US Navy Captain John Kirby dismissed suggestions the timing of the MOP announcement was related to Iran's weapons programme. "The system is not



US Navy Captain John Kirby

aimed at any one country," he said. "It is to develop a capability we believe we need." Few intelligence watchers were convinced by this argument and note his earlier comment. "It gives us a far greater capability to reach and destroy an enemy's weapons of mass destruction that are located in well protected underground facilities."

If there is something in the wind, a suggestion of forthcoming action against Iran then you can be sure BLUBoy will be used against the Iranian nuclear facilities that are believed to be dispersed over a broad area (1000 miles) with a number built underground. Two known underground weapons areas are situated at Natanz and Qom. CIA analysis place parts of these sites at depths of 300 feet.

There have been suggestions that BLUBoy is already under discussion for supply to Israel. We have already seen E6B aeroplanes apparently on station, leaving the only question to be asked, 'When?'

US Navy E6B at the Mojave Air and Space Port in California

JUST HOURS BEFORE THE TEHRAN EXPLOSION...

THE DUBAI INCIDENT

a most strange coincidence

Hotel death sparks more media and intel speculation

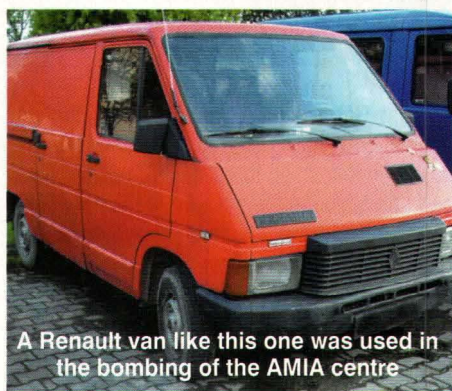
Several intelligence services including MI6, have sought to glean more information on the death of Ahmad Rezaie, 31, estranged son of Mohsen a senior politician who once ran for president of Iran in 2009 and was chief of the Iranian Revolutionary Guards Corps.

Ahmad was found dead on the 18th floor of Dubai's Gloria Hotel just hours following the explosion at a Tehran munitions base. Though suicide is thought likely, some intelligence watchers have drawn a comparison between this event and that which resulted in the death of Hamas agent Mahmoud al-Mabhouh on 19 January 2010. In the latter case Mossad agents were blamed.

Eye Spy was told Mohsen associates initially believed his son's death and the military base blast were connected.

Mohsen Rezaie is still wanted for questioning by Interpol in connection with a 1994 car bomb explosion which ripped through a Jewish centre (AMIA - Argentine Israelite Mutual Association) in Buenos Aires killing 85 people. As late as 2009, Rezaie, who is secretary of Iran's Expediency Council which advises Supreme Leader Ayatollah Ali Khamenei, continues to reject the allegations.

Another theory abounding about the Dubai incident is that Ahmad Rezaie was killed by



A Renault van like this one was used in the bombing of the AMIA centre



Senior Iranian politician Mohsen Rezaie

Iranian agents - this because he departed Iran in 1998 and moved to the United States. Here he criticised his father and the government. Whilst in America, Ahmad told US officials that a second attack in Argentina - the bombing of the Israeli Embassy in 1992, was planned in Tehran and that he had accompanied his father to witness "agent training" for the operation.

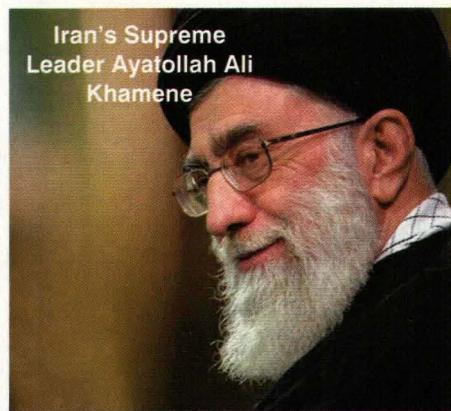
In 2003 Ahmad returned to Iran, and retracted his statement about the embassy bombing. However, he left for a second time six years later and moved to the United Arab Emirates.

Initial reports claimed he had been killed by a servant, but senior Dubai police officials say there were "no suspicious circumstances" and the likely cause was an overdose of anti-depressants. Brigadier Khalil Ebrahim Al Mansouri, chief of Dubai's Police Criminal Investigations Department and a respected UAE figure also noted Ahmad suffered from epilepsy. He had been dead for 12 hours before his body was found.

Eye Spy believes Ahmad was carrying an American passport and was sympathetic to the reformist movement in Iran.

- Some Eye Spy intelligence sources believe Ahmad may have been assassinated as a warning to his father who retains ties to powerful political figures, including former

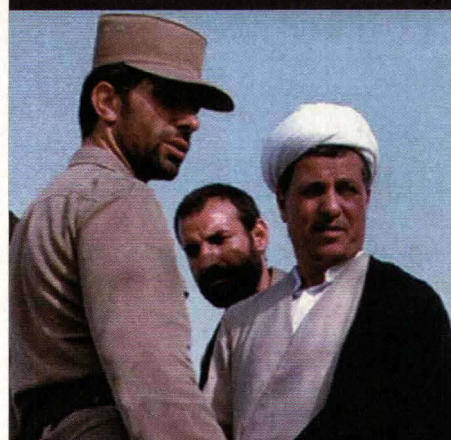
Iran's Supreme Leader Ayatollah Ali Khamenei



© SAJED IRAN

president and opposition figure, Hashem Rafsanjani (pictured below). Interestingly, Ahmad Sr. was also close to General Ali Shirazi who was himself assassinated in 1999.

INSIDE INTELLIGENCE



Hashem Rafsanjani (above right) pictured with Ali Sayed Shirazi - Chief of Staff during the long war with Iraq. Below: Shirazi, who was also assassinated in 1999, pictured with Mohsen Rezaie

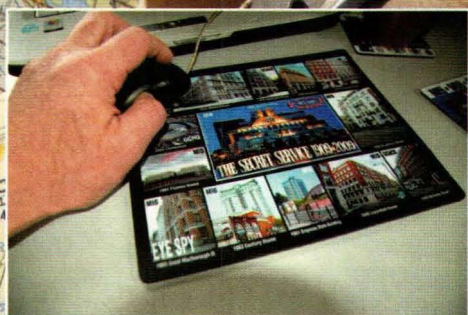


Just hours after Ahmad's death was announced, intelligence web monitors noticed a website owned by his father claimed there were "suspicious circumstances." The next line also drew reference to the explosion near Tehran: "The death was concurrent with the martyrdom of Mohsen Rezaie's comrades in arms."

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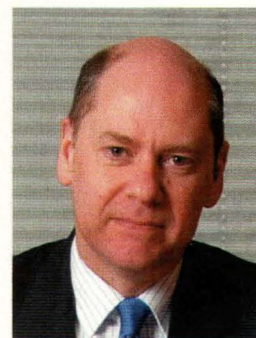
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ESPL 2012 ESPL BRIMSTONE 77/77/77

40,000+ personnel v LONDON Major Increase

M15 has warned senior UK ministers, some responsible for the 2012 London Olympic Games' security, that it is likely al-Qaida and its supporters will make a concerted effort to "disrupt the event," - candid wording for a "very likely attempt to launch a terrorist attack."

What form such disruption will take is unclear, but even the threat of an attack is making security officials nervous. MI5 Director-General Jonathan Evans believes that whilst the pre-eminent threat will come from al-Qaida forces in the Middle East and North Africa, the UK must be prepared to tackle groups already based in the UK, including dissidents in Northern Ireland. Another serious topic that



MI5 Director-General Jonathan Evans

has caused concern in London and Washington, relates to comments made by a senior AQ terrorist that if Osama bin-Laden was ever killed or captured, the terror group would do all it can to detonate a secreted European nuclear device.

Though there is absolutely no evidence the group has secured such a weapon, both MI5 and the FBI recognise its supporters have long sought "spent nuclear waste and materials" for use in weapons such as radiological bombs.

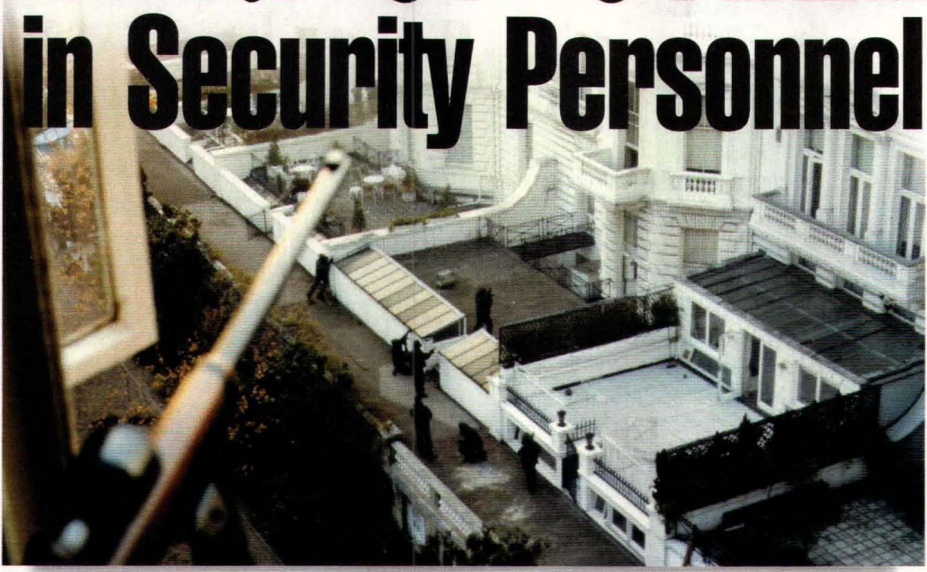
With the Games just six months away, the original budget for security of £282 million, has been increased to over £550 million. And perhaps a clue to the severity of the threat can be seen in the announcement that over 13,000 UK military personnel have been called upon to provide additional support. Of this force, over 7,000 will be assigned to counter-terrorist duties in and around the venues. About 5,000 will work with existing police

I provide security from intel gathering to event protection

RING OF STEEL

se in Security Personnel

© RUSTY FIRMIN



units and about 1,000 will provide logistical support. However, intelligence analysts note that another 1,000 strong force are currently being trained in the event of an "Olympic Games related civil emergency." The unit has been described as a "quick reaction force," and is known to be partly

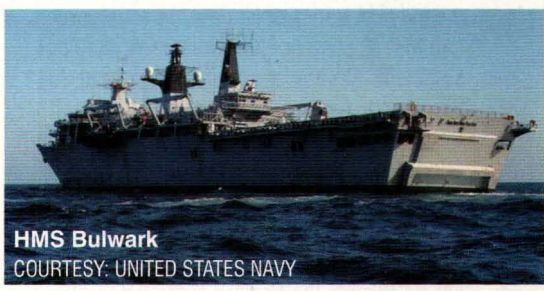


manned by Special Forces and CT specialists. Philip Hammond (left), the UK's Defence Secretary said that the extra military personnel will be drawn from all three services. Eye Spy believes that overall, a staggering 40,000 people are now connected to the Games in a security or emergency capacity.



© MICHAEL PEAD

Left: A police sniper provides cover for the SAS during the 1980 Iranian Embassy siege in London. Personnel from UK Special Forces and SO15 (Counter Terrorist Command) have been working closely together for over 12 months preparing for the Games



HMS Bulwark
COURTESY: UNITED STATES NAVY

COURTESY: UNITED STATES NAVY



M15 intelligence forces security review of London 2012 Olympic Games

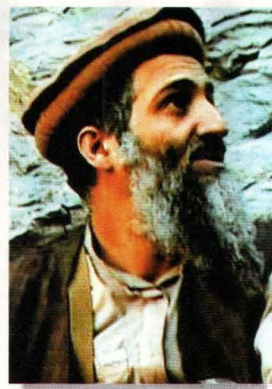
Helicopter carrier HMS Ocean will be based in London providing air cover. The ship will also be used as an instant response platform to move specialist forces quickly to locations if necessary

The Olympics was in the minds of the 7/7 London bomb gang. MI5 are absolutely convinced the attack was planned for 6 July 2005 - the day the city was chosen to host the Games



© EYE SPY

This large increase in personnel is not unexpected given the threat of al-Qaida, who are intent on delivering a blow to the UK. Intercepted communications and intelligence gleaned from several overseas agencies has prompted senior MI5 officials to re-evaluate security. In October the Service advised that the event posed a significant "terrorist target" and that existing counter-measures were not sufficient. Already of course, throughout 2011, the Special Air Service (SAS) and Special Boat Service (SBS) have held various exercises in London all related to Games security. The programmes included terrorist detention, IED detection and hostage taking. Specialist weapons and explosives detection equipment will be used at the Games, though naturally a whole host of secret counter-measures will also be deployed. On days when large crowds are expected, over 12,000 personnel will be on duty with thousands more in stand-by roles. SO15 personnel (New Scotland Yard's



The death of Osama bin-Laden has increased the chances of a terrorist attack

Counter Terrorism Command), have performed training with the SAS and SBS and have created three special 'Combined Firearms Response Teams'. Each unit has around 50 officers and includes elite marksmen.

Beyond all of this is an enlarged MI5 team, together with specialists from GCHQ and various other services, has secured intelligence on people and groups intent or are likely plotting to attack the Games. After analysis, the disseminated intelligence was submitted to senior figures, and it is from such a threat report, that the government decided to enlarge its security staffing levels.

Unprecedented air security over 160 Games-related venues and athlete locations has also been boosted. Eye Spy intelligence sources have already been advised that several classified sites have been selected to house Rapier ground-to-air missile batteries. However, a final decision has yet to be made by ministers, but the deployment of such weaponry now seems certain, especially because of recent terrorist plots and incidents involving aircraft. And the UK has drawn from the experiences of the US security services which provided counter-measure programmes for the 1996 Atlanta Olympics. Senior US and other

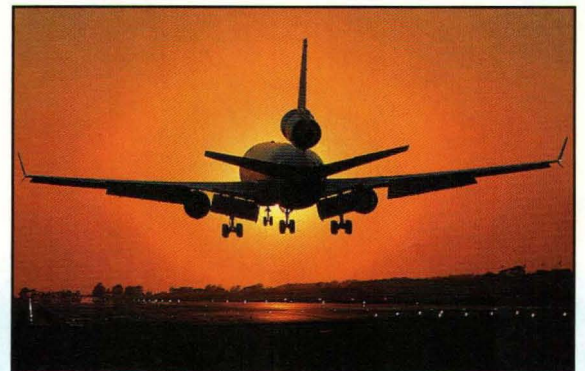
© HALA/SNAPPERJACK OF LONDON



Olympic and Paralympic Park - London athletes 'Village' under construction. This huge site covers 500 acres in east London. UK Special Forces have already examined the site and conducted a number of counter-terrorist exercises

foreign counter-terrorist officials have been assigned to security and will liaise before and throughout the Games with their UK counterparts.

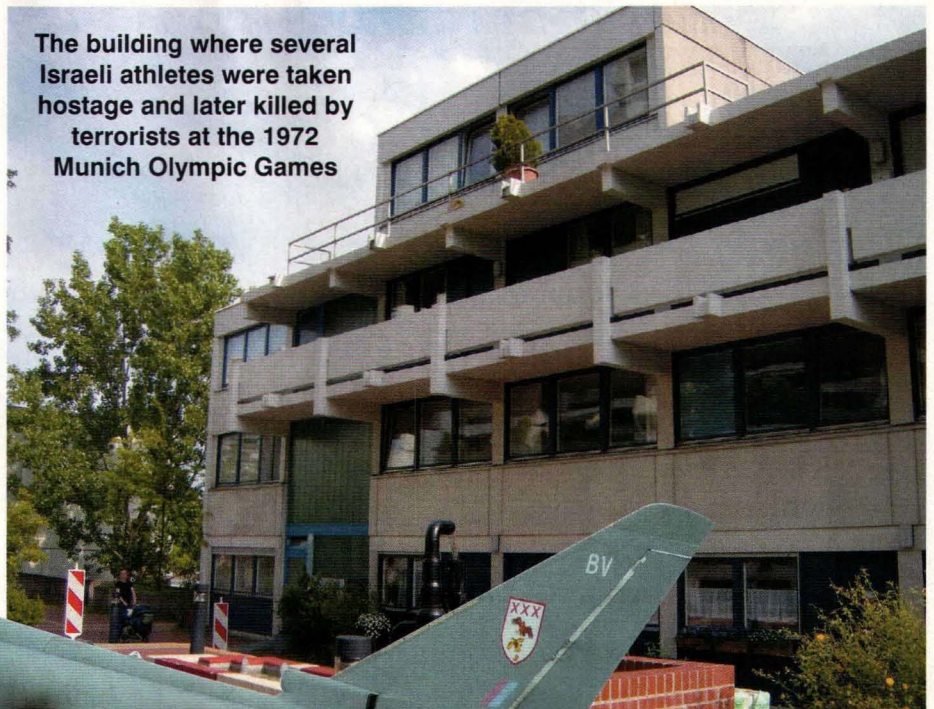
The Royal Navy's helicopter carrier HMS Ocean and HMS Bulwark, an amphibious assault ship will be based on the River Thames at Greenwich and at Weymouth Bay throughout the event. Ocean has just returned from Libya where it was involved in various actions, while Bulwark has been described as the navy's "most versatile ship." Bulwark and its crew are vastly experienced in counter-terrorist and security operations. Ocean's



The introduction of weapons' systems such as Rapier and deployment of fighter aircraft reflects genuine concern about the possibility of an airborne attack

© NIRAZUL

The building where several Israeli athletes were taken hostage and later killed by terrorists at the 1972 Munich Olympic Games



© ARPINGSTONE

many Lynx and Puma helicopters will patrol the London event, while Bulwark will help oversee swimming events in Dorset. Several RAF Typhoon warplanes have also been moved into RAF Northolt which is close to the capital. Heavily armed special fast boats operated by SO15 personnel will start patrolling the river weeks in advance.

UK counter-measure forces will be divided into two forces, pro-active and support. The latter will augment London's huge emergency service programme, as MI5 believe an attack could occur absolutely anywhere in the city.



Sailing events will take place in Portland Harbour - HMS Bulwark will be based close by

NO SURPRISE WHATSOEVER IN HEIGHTENED SECURITY

EDITOR'S NOTE: I understand one of the biggest ever counter-terrorist exercises involving various forces and specially created units will take place in London in April or early May. Already throughout much of 2011, UK Special Forces assigned to the Games in a protective role have performed operations - one involved tackling a terrorist gang likened to the group that attacked Mumbai's city centre in India. A quiet and low-key counter-measures operation that has also been on-going for the best part of three years, concerns a possible cyber attack. Any disruption in the form of an electronic virus could harm wider security communications. It's not surprising therefore that the security budget for the London Games has nearly doubled, especially when one considers the enormity of the event and the known threats which undoubtedly exist.



FBI CONCERN?

Talk of a split between UK and US security officials is unfounded

The UK's *Guardian* newspaper said the FBI - concerned about the Games security measures - was preparing to send between 500 and 1,000 agents to London to help provide protection for US athletes and diplomats. This report was denied in the UK and America. US and Israeli athletes and officials are however regarded as "high profile al-Qaida targets" and it's likely security will be more intensive in parts of the village used by both countries.

Eye Spy was told by an FBI source Washington has, however, raised concerns about a handful of convicted terrorists who were due for release prior to the Games, including a number of men linked to a 'dirty bomb' plot in the UK. Speaking about the threat still posed by some of the prisoners, Jonathan Evans said: "Unfortunately, we know that some of those prisoners are still committed extremists who are likely to return to their terrorist activities."

As of December 2010, a total of 100 people were still behind bars in the UK, convicted of offences linked to al-Qaida.



An RAF Lynx helicopter

COURTESY: UNITED STATES NAVY

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FROM

Eye Spy presents a
fascinating account
written by a collector of
intelligence and secrets.
His trip to Russia could
easily have ended in
tragedy in a snowy
Moscow forest

Introduction

in an unprecedented public statement, Britain's Foreign Secretary William Hague recently spoke about the "outstanding people" who worked for British Intelligence and have made the ultimate sacrifice in active service of their country. Their names remain secret, but some were undoubtedly employees of MI6, MI5 and GCHQ, others were probably agents and contact people caught up in the great game of espionage. Another source area for these casualties can best be described as military intelligence or personnel from Special Forces. We will never know for sure.



Christopher Keenan

© EYE SPY INTELLIGENCE MAGAZINE

EYE SPY EXCLUSIVE

RUSSIA WITH NO LOVE

© CHRISTOPHER KEENAN

intelligence collection relevant to national security - people from the business sector or loosely attached to government agencies or organisations. And as strange as it seems, some people may not fully, or immediately understand their role or objective is of profound importance. Perhaps not today, but maybe in the future.

This story concerns an individual with threads to an intelligence field that is rarely mentioned in public. How best to describe this category is open to debate but it often involves civilian businessmen or women operating legitimately within industry, technology, defence, politics and commerce who often find themselves embroiled in tasks related to intelligence capture. A grey area, yes, but one that has proved hugely beneficial to Britain's global overseas intelligence network.



**Securing the
services of the
East's computer
magicians**

THE HACKER HUNTER

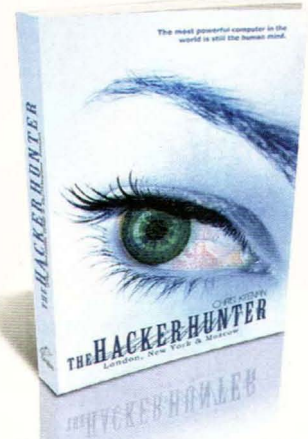
HACKER

STRANGE STORY OF THE

HUNTER

And it is in this field that Chris Keenan, author of the controversial novel *'Hacker Hunter'* found himself working in a decade ago. Keenan wrote the book with former SAS man John McAleese who sadly died recently in Greece. The book has provoked much debate in the intelligence world, and especially with those members of Special Forces who occasionally find themselves working alongside civilian intelligence personnel.

So how did Keenan's and McAleese's intelligence relationship begin and what happened to focus their minds on such a book? Eye Spy asked Keenan, a former international operations executive with a high degree of skill in computers about his work. Though much of what he performed can't be reproduced



in the pages of this magazine, readers should be able to grasp the nature of his work, and the dangerous exploits of special operatives who often find themselves in difficult, perhaps even potentially deadly situations. Some operations, after all, end in tragedy - as acknowledged by Mr Hague.

We also asked, "do Special Forces soldiers make good spies?" How realistic are the scenes played out on the silver screen which suggest guns, assassins and espionage often go hand in hand. In a frank response, one guided by responsibility to intelligence associates on both sides of the Atlantic and beyond, Keenan submitted a fascinating account of one "business mission" that ultimately ended in contact with John McAleese...

**CHRISTOPHER
KEENAN**

John McAleese

MOSCOW DECEMBER 2000



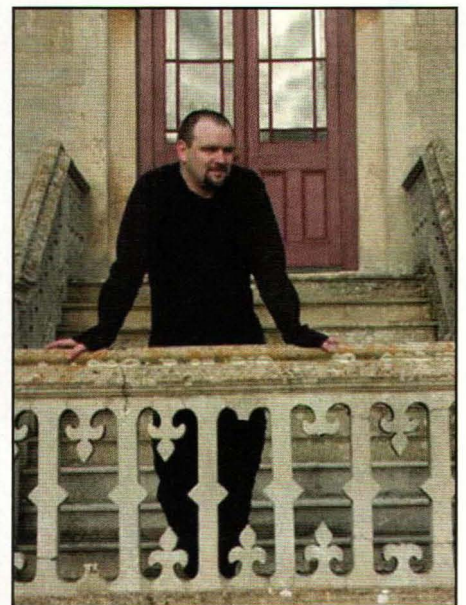
Georgian girlfriend of 18 months.

The next morning I strolled casually down for breakfast. I was staying in the splendid Renaissance Hotel, Olympiysky Prospekt. The hotel's breakfast room was amazing - housed in a big space age silver dome. Most mornings guests would find a harpist plucking away in a corner of the room and this was the case as I devoured a feast of eggs, bacon, sausage and coffee. It couldn't be likened to a

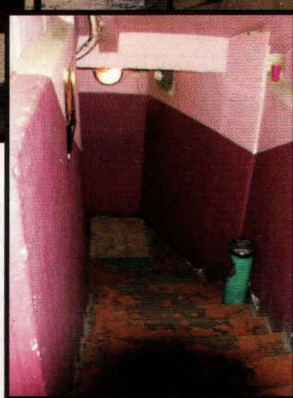
full and proper English breakfast but in this little haven of Moscow you were at least treated to civilization at its very best. However, at \$450 per-night you paid for it through the nose. Thankfully my clients were supportive. For the record, I ate as much as I could and that turned out to be a good decision.

After breakfasting, I unwrapped a \$20 bill and slid it under the plate. The average wage in Moscow for a policeman at this time was between \$70 and \$120 per month so a \$20 tip would be quite a surprise for the waiter or waitress who cleaned away the remains of my morning feast.

As I stepped away from the table and walked back towards the connecting passage, I noticed four very well built men dressed in identical grey suits. The men were obviously



KEENAN'S MOSCOW CYBER OBJECTIVE



"...once we left Moscow's outer ring road - and then left the road altogether to head down a snow covered forest track, I started to realise I wasn't being taken to see anyone..."

waiting for me, but why? I had planned to check out of the hotel that day and go "native" for a few weeks, meeting four burly body-guard-types was not really on my agenda. Sure enough they all walked towards me and within a few seconds I was encircled. One man held my elbow and directed me to a flight of stairs leading up to the main lobby. A few moments later I was outside the hotel; the temperature was -25C, ice and snow everywhere.

Wearing just a T-shirt and my trusted, but old trainers, I was somewhat relieved to escape the bone shattering cold morning air as one of the men ushered me into the back of a black

Range Rover. We drove for sometime before I actually asked if they had got the "right man." I felt sure that if I had put up any resistance they would have just dragged me out of the hotel kicking and screaming and chucked me in the boot. I'd heard of bankers and businessmen being kidnapped for money but this wasn't anything like that, these men weren't opportunists, they were professionals working under orders. The only question was for whom?

I wasn't too worried at first, however, once we left Moscow's outer ring road (MKAD - Moskovskaya Koltsevaya Avtomobilnaya Doroga), and then left the road altogether to

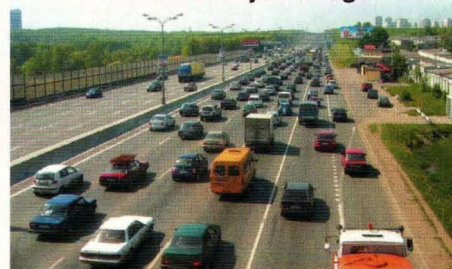


Renaissance Hotel, Olimpiysky Prospekt

head down a snow covered forest track, I started to realise I wasn't being taken to see anyone. We passed a barn and log pile cabin and then drove for five or six more minutes through the forest until the car stopped. Two men either side of me exited the vehicle and beckoned me to follow. As I stepped out of the car I heard the crisp snow crunch underfoot. "What's this about?" I enquired, "I'm English." I didn't get a response. The idea of running away never really entered my head, but oddly enough I sensed that they were not about to shoot me. Moments later they got back in their car and drove off leaving me standing outside without much clothing... and it was cold, extremely cold.

The first thing I did was the maths and recalled the car clock and speedometer; the vehicle had travelled from the barn to my current location in about five minutes, perhaps at an average speed of 30mph. This meant the

**Moscow's outer ring road -
Moskovskaya Koltsevaya
Avtomobilnaya Doroga**



barn was about two miles away. I estimated I could probably run through the snow at about six miles an hour if I followed the track of the Range Rover. I calculated I would be back at the barn within 25 minutes. More than 40 minutes and I'd probably go into hypothermia and die but I believed I had a fighting chance so the best thing to do was to get moving.

I ran through the trees until the Range Rover vanished from sight and then onto its tracks. The snow was a foot deep in places, which meant if your concentration slipped so did you. The main problem was the pain in my forehead and behind my ears... stinging, stabbing almost crippling. Then a dreadful pain in my nose as the fluids inside began to freeze. Ice formed on my beard stubble and my lungs felt like they were burning. I'd heard that in such cold temperatures, moisture from your breath could

freeze and be inhaled back into the lungs like little shards of glass, causing them to bleed.

A mile into the run and I found myself becoming less focused, even doing simple maths to help keep the brain alive started to fail. Basic arithmetic was hard, $2 + 2 = 4$, $4 + 4 = 8$, $8 + 8 = ?$ I told myself that I was not cold and that I should enjoy this opportunity of running through such a beautiful Russian forest. There was definitely a moment when I felt invigorated and then the sense of pain started to go, almost like my body had adapted to it. I'll not bore you with the story of how I got back, or how I suffered from coital headaches for six months but I will tell you this:

It was very clear that dumping me in a cold snow covered forest was either a warning or an attempt to kill me. As for the organisations responsible there were only four possible candidates. Four groups that I knew of or had met: Firstly, the Russian Mafia who were all pretty much retired members of the old KGB, they were looking to get in on my business. Secondly, an old Russian GRU commander who after the collapse of the USSR had taken to making as much black money as his greedy little hands could grasp. Thirdly, the GRU proper which were obviously on to me and had discovered I was to make contact and then "steal" their top scientists and software developers (hackers). Finally, a Western



Keenan's "friends" belonged to a rather dubious outfit that was created by Stalin and reportedly still exists

intelligence service that was getting increasingly annoyed a British businessman was evidently securing all of Russia's secrets before they got a look in.

I discovered later that it wasn't the GRU, the Mossad or any of the "usual suspects" but an organisation established years earlier by Stalin during the Second World War that unbeknown to me was still fully operational. This organisation had been created to protect the USSR's senior weapons scientists; scientists whom I had effectively been stealing, scientists that I



John McAleese and SAS members pictured with premier Margaret Thatcher following the Service's successful Iranian Embassy operation



"It was very clear that dumping me in a cold snow covered forest was either a warning or an attempt to kill me..."



later discovered had been working on cutting edge cyber weapons that were beyond anything we had in the West.

I needed assistance and a clearer path; I needed to be better equipped to survive in Russia against an opponent whom my client and I knew would have no issue in killing me. And so enter John T. McAleese, a retired SAS soldier of note and security instructor. John, of course, was one of the men in black millions of people across the world had watched on television in 1980. He was the iconic figure who climbed across the balcony of the Iranian Embassy in London whilst it was under siege. As a member of the SAS John had made a name for himself as a fearless professional who always managed to get the job done. Could he be the man to help in my Russian project?

So, to answer your first question - "do Special Forces soldiers make good spies?", I would say without hesitation or uncertainty - "they make the best spies in the world!"

SEARCHING FOR COMPUTER EXPERTS

EDITOR'S COMMENT: Chris Keenan continued his project in the Moscow region and I'm reliably informed he was successful. The focus of his "business venture" was related to computers and computer software, plus persons associated with cutting edge technology. Has it an intelligence dimension? Definitely, but we can't elaborate further, at least not for the time being. I would add that Keenan's Hacker Hunter, though a work of fiction, does more than hint at the nature of his Russian project.

As for Keenan, he could easily have fallen victim to the four delightful chaps who decided upon a sightseeing trip of Moscow's ring road in 2000. Perhaps Keenan just "got lucky" unlike some of the men and women mentioned and honoured by William Hague,



Eye Spy editor Mark Birdsall (left) pictured with Christopher Keenan

whose Foreign Office department oversees the work of MI6. Intelligence collection can be a most dangerous adventure, but Keenan obviously learned something from John McAleese that made him a little wiser and his next trip to Russia a success, I understand...

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Iran's Intel-Search Gamble Backfires



UK diplomatic security and MI5 officers monitor Iranian officials as they depart



OPERATION GATEWAY

In scenes reminiscent of 1979, when Iranian students took over the US Embassy following revolution, hundreds of protesters were allowed to gather outside the British Embassy compound in Iran. Some were allowed to scale walls, enter the building and trash certain items. Other rooms and offices were left intact as about 50 "students" made their way through the building - a fact not missed by intelligence watchers.

The mob briefly held six embassy staff in a carefully orchestrated and government approved operation. If the timing was significant or if a particular item was being hunted, Iran isn't saying, but MI6 had gleaned intelligence on the event days before, making such a mission futile

(materials of importance would have been destroyed by intel staffers). Intelligence sources told Eye Spy Iran may well have been searching for information relevant to its own nuclear programme, US intentions, and just what Washington, London and its Arab neighbours knew about certain secret sites attached to the country's nuclear bomb aspirations.

The trashing of the embassy followed a toughening of sanctions imposed by the UK in response to Iran's nuclear weapons programme. This as the International Atomic Energy Agency (IAEA) now admit Iran is seeking a nuclear bomb.

Foreign Secretary William Hague whose department oversees much of the work of MI6

was in Parliament at the time. A filmed debate showed him being handed an advisory note of the incident. A short time later he condemned the attack and announced it would have "serious consequences for Iran." The following day - 30 November 2011, Hague gave all Iranian Embassy staff 48 hours to leave Britain. This coincided with the last UK embassy staff leaving Tehran on a flight to London. MI6 had in fact warned Hague to make sure all British workers at



Iran's ambassador leaves the embassy en-route to Tehran as London-based Iranian protesters celebrate his departure

the embassy, and a second compound in the north of the city which was also attacked, had left the country. Had the announcement of the closure of Iran's embassy been made earlier, MI6 feared hostages would be taken - as was the case in 1979 involving US diplomatic staff.



William Hague

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EVIDENCE AGAINST SUSPECTED RUSSIAN SPY REJECTED

MI5



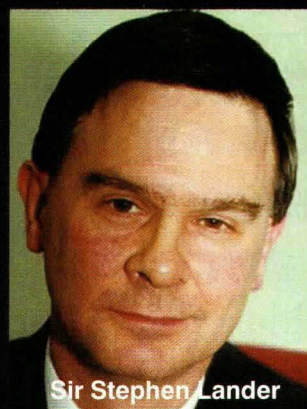
KATIA ZATULIVETER

THE WRONG GREAT GAME?

Counter-intelligence officials at MI5 are bitterly disappointed that a specially convened panel of judges (Special Immigration and Appeals Commission - SIAC) has allowed Katia Zatuliveter, a former Parliamentary secretary and suspected SVR agent to stay in the UK. Three senior tribunal officials dismissed much of the evidence presented by the Security Service, but not all...

Russian-born Zatuliveter, 26, had relationships with several prominent officials including British politician and defence select committee member Mike Hancock, 65, a senior Dutch diplomat in his mid-thirties, a German military official within NATO aged 56, and an official operating under the auspices of the United Nations.

These liaisons were sufficient to alert MI5, and the tribunal acknowledge they provided

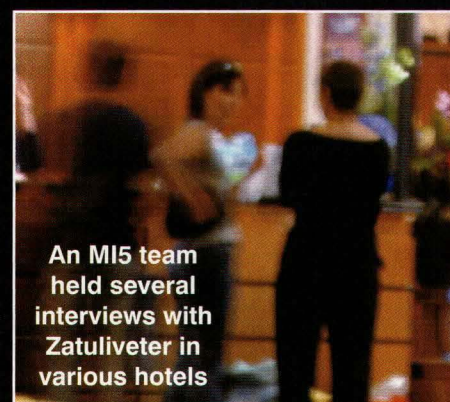


Sir Stephen Lander

"ample grounds for suspicion." However, though the researcher may have been "calculating and ambitious," she was not a spy, according to the

three member panel, which included former MI5 Director-General Sir Stephen Lander.

Senior MI5 counter-intelligence officials believed Zatuliveter had been tasked with targeting important officials in government, military offices and business. This amidst a secret espionage war being fought against SVR operatives in London. Two officers were assigned to the Zatuliveter case, though they were but part of a wider investigation which has been engaged in identifying SVR contacts mainly in London, some of these amongst a growing London-based Russian population of over 30,000. And Eye Spy understands much emphasis by the recently enlarged MI5 counter-intelligence desk has focused on known SVR targets or "persons of interest." Few agencies are more experienced in the "subtle methods of recruitment" than the SVR, which is known to have intensified its spying operations in Britain. All of this led MI5 to believe Zatuliveter was either an agent, or that she had been unwittingly targeted and selected by the SVR as a contact woman. Zatuliveter herself was probably oblivious to such attention, but an encounter with a

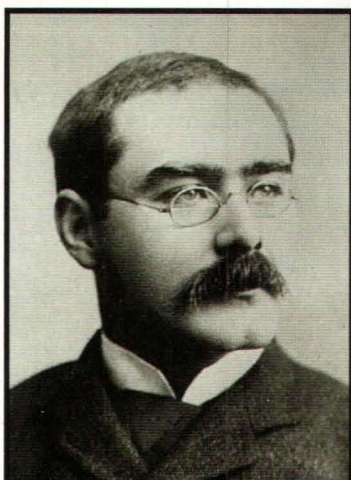


An MI5 team held several interviews with Zatuliveter in various hotels

diplomat from the Russian Embassy prompted her to notify her employer - Mike Hancock. Perhaps an indication she was concerned. Either way, it is now known the man was in the service of the SVR.

Few intelligence watchers do not believe it was Zatuliveter's previous relations that seem to have attracted the attention of the Russian agency, as well as a watching MI5.

All of these circumstances were examined by SIAC, plus Zatuliveter's apparent naivety. So



The tribunal heard from a witness who cited Zatuliveter's trip to the Tricycle Theatre in north London to see a play called 'The Great Game'. However, the production was about Britain and Russia's historical relationship with Afghanistan. The witness apologised saying she had heard the phrase used to describe the subject of spying, and that it was coined by Rudyard Kipling in his book 'Kim'. Of course the famous Russian spy Harold Adrian Russell Philby was nicknamed 'Kim' after the character in Kipling's book.



too MI5's natural interest into several years of happenings. And when she was surveilled and monitored speaking to the known SVR (Russian Embassy) man (referred to in court as "Boris") at the important International Institute of Strategic Studies (think tank) in London, something which we now know prompted further MI5 interest, the seeds of suspicion were sown. One cannot blame MI5 for taking an interest.

In court Zatuliveter explained that she also "bumped into Boris" at the nearby Temple Tube Station. He was with two men and asked her where she was from. "We told each other

where we worked, got on the train and exchanged business cards," said Zatuliveter. The SVR man later sent Zatuliveter an e-mail that read: 'Let's meet for coffee [or] lunch'. A date was set for 18 December at Portcullis House, but this meeting was reportedly cancelled. Thereafter Zatuliveter told her lover and employer Mike Hancock about the liaison and that "Boris" worked at the Russian Embassy. This was in 2008.

The spy also appeared at other events attended by Zatuliveter, including a meeting at Chatham House think tank. In 2009, when Zatuliveter's visa was refused, she appealed



The Savoy Hotel, London. This was but one venue used by MI5 to quiz Zatuliveter about her suspected work for the SVR



Politician Mike Hancock never believed Zatuliveter was an SVR agent

and called the Russian Embassy. "Boris" wished her "good luck" and invited her to National Day at the embassy.

The tribunal ruled these meetings (on Zatuliveter's part) were purely coincidental. However, that still might not have been the case with the SVR officer.

As for her lover of four years, Mike Hancock's name featured in Zatuliveter's diary. This document proved crucial in the end. Hancock had met Zatuliveter in St Petersburg and there

"We are satisfied that it is significantly more likely than not that she was and is not a Russian agent..."

SIAC Open Judgement 29 November 2011

Arundel House, London hosts International Institute of Strategic Studies (IISS) meetings



© CROSBIE SMITH



Royal United Services Institute (RUSI) - Whitehall

which resulted in the departure of at least 10 long-time agents and the disappearance of one senior handler.

are dated references of a fond relationship. Of course MI5 argued the diary was bogus and its entries simply the creation of a clever SVR cover story. It's a form of long-term sleeper agent tradecraft where spies slowly build-up a convincing history. Always difficult to prove one way or another, but in this case the SIAC chose to believe Zatuliveter's account.

Following the court ruling that Zatuliveter could remain in the UK, her legal team and family were both relieved and disappointed at the same time. Tessa Gregory, Zatuliveter's solicitor, accused MI5 of "needlessly and

unfairly" pursuing an innocent woman. Gregory also questioned the "professionalism and competency within the Security Service." She went on to note the monies and time afforded to the investigation and accused MI5 of basing its case "entirely on speculation, prejudice and conjecture." Also eye-opening was her reference to similar operations being conducted in America. "It was amateur, poorly researched and compared very unfavourably to the counter-espionage work conducted by the FBI in recent years." This was possibly a reference to the Bureau's successful investigation into the SVR spy ring in 2010-11,

During the trial it was learned MI5 interviewed Zatuliveter at London's Savoy and Kempinski hotels. The use of hotel venues is not unusual in cases such as this. Two officers assigned to the case referred to in court as "Stephen and Louise" interviewed Zatuliveter at length, but they were accused of knowing "nothing about the modern Russia." Zatuliveter said it was like "good cop bad cop" - Stephen being "too loud." Other meetings between Zatuliveter and the female MI5 officer took place at the Russell Hotel in Bloomsbury and the Strand Palace, described as "less salubrious."

Despite obvious concerns heard by the SIAC, Zatuliveter can now stay in the UK until her visa expires in August 2012. ➤



Temple Tube Station - scene of another encounter surveilled by MI5



Zatuliveter leaves court after being allowed to stay in UK

THE GREAT GAME

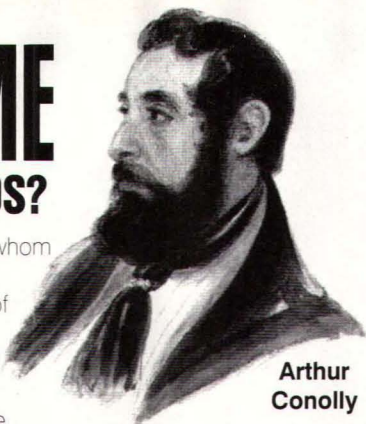
A CONFUSING PLAY ON WORDS?

Besides its use in Rudyard Kipling's book 'Kim', after whom British traitor and KGB spy Adrian Philby was better known, the term, sometimes spoken as "tournament of shadows" was used to describe rivalries between the Russian and British empires some 200 years ago. It



Kim Philby

has also been attributed to Arthur Conolly (1807-1842) an intelligence officer assigned to the British East India Company's First Bengal Light Cavalry. He coined the phrase to describe the political and military situation between Russia and Britain.

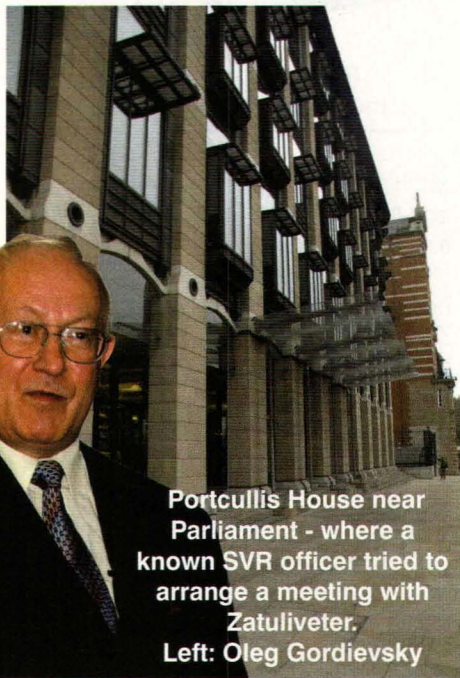


Arthur Conolly

An MI5 witness recalled Zatuliveter's visit to the Tricycle Theatre in London to see a play called 'The Great Game'. It was stated in court that the production had nothing at all to do with espionage. But the phrase is most certainly known in the intelligence world.

Notes on MI5 intelligence

CIRCUMSTANCES NEEDED INVESTIGATING



Portcullis House near Parliament - where a known SVR officer tried to arrange a meeting with Zatuliveter.
Left: Oleg Gordievsky

Tessa Gregory was scathing in her criticism of MI5. However, the Service would have been criticised for not investigating. There were more than a few "espionage ingredients" on the table in this case, as recognised by former KGB Colonel and MI6 agent Oleg Gordievsky. The full circumstances of this case are not known, nor are they likely to emerge in the near future.

Judge Justice Mitting said he had seen nothing in the evidence that convinced him Zatuliveter was a spy or that she had been approached by organisations such as the SVR or FSB. However, he went on to say: "We cannot exclude the possibility that we have been gulled. But if we have been, it has been by a supremely competent and rigorously trained operative."

There were ample grounds for suspicion, a point raised in support of MI5 by the tribunal. In the end, MI5's evidence was wafer thin and rejected.

UK BOOK DEAL?



Russian Embassy, London

Cleared Zatuliveter writes book on tumultuous period

In an interview with Russian journalists, Katia Zatuliveter said she is close to finishing a book about her time in Britain, and hopes that it will be published and available in book shops shortly. However, an on-line edition may appear as early as March. "The book is almost completed. I now only have to find a publisher," Zatuliveter said.

RIA Novosti reported that the book has been written in English and a "professional writer" has helped with the editing.

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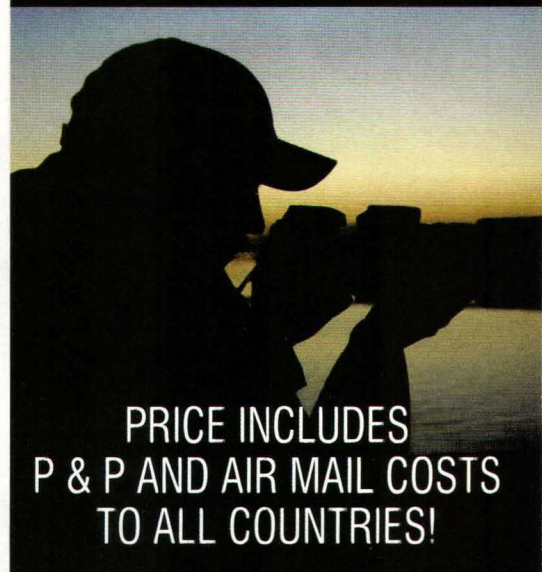
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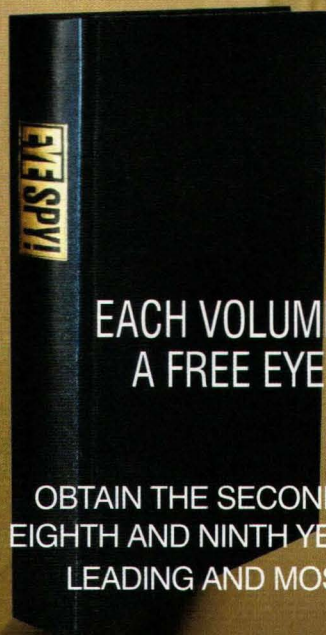
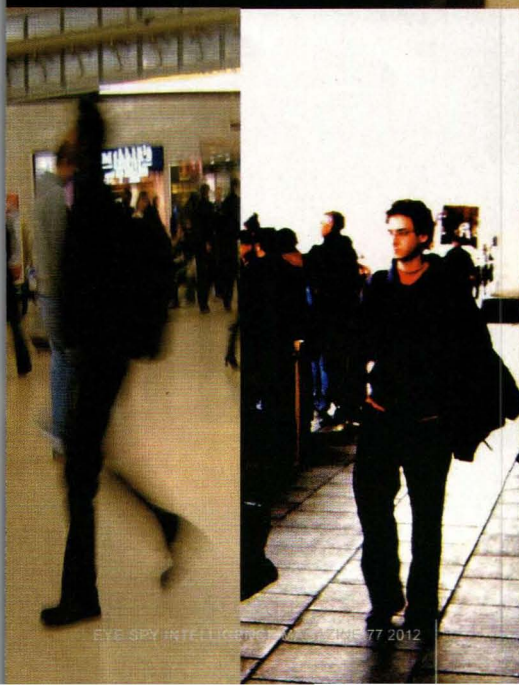
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MAJOR NEW SERIES

The World of Counter-Terrorism and SIGNS AND DEFINITION

PART 1



Eye Spy examines the complex world of counter-terrorism and how it has become one of the most important subjects within intelligence. This new series provides for a fascinating overview of the measures employed to monitor and defeat terrorism as well as the groups and individuals who operate in this dark world. A wide range of topics are covered from infiltration of terror cells to identifying horizon threats...

Officials in New York City recently announced the derailment of yet another attempt to attack both people and property. The alleged terrorist, Jose Pimentel, was probably not the brightest person who has ever sought to commit an act of terrorism, but like others before him, he could have caused harm. The NYPD, which has its own counter-terrorist and intelligence division, recognise that but for a carefully planned undercover operation, Pimentel may well have succeeded in his bomb quest.

Utilising years of experience in undercover tradecraft and assisted by new electronic technologies also meant the Department knew where to look and how to secure incriminating evidence. Though not fully involved, senior CIA and FBI officials note that any domestic terror attack may embolden others to try. At the very least, had Pimentel detonated his device, it would have been a small propaganda victory for al-Qaida - and propaganda is a subject often discussed by those whose task it is to protect.

Another recent counter-terrorist success concerns the DEA (Drug Enforcement Administration) operation which thwarted an assassination plot against Saudi Arabia's US

Ambassador. It shows CT (counter-terrorist) operations are also performed by agencies not usually associated with this type of work. Look a little deeper, and one finds the case reflects the coming together of counter-terrorism expertise and foreign and domestic intelligence.

DEFINITION OF TERRORISM

There are several definitions of terrorism and MI5 quite rightly note the term is disputed. However, the Service points the public to a very informative file - the Terrorism Act 2000 (see LINKS at end of report). But just like serious scholars who continue to debate the meaning of "intelligence" trying to edge the subject of counter-terrorism towards a single explanation or description is not that easy. Some academics say intelligence is simply another word for "information," but if that were true, one would be privy to intelligence every day via the newspapers and television and radio news channels!

Eye Spy received many letters regarding its criticism of former MI5 Director-General Eliza Manningham-Buller who said, "9/11 was but a criminal act." We considered this too simplistic and found favour with the vast majority of readers. Many in the intelligence field note that those who perform terrorist acts or work on

Intelligence

Prepared by the editorial
board of Eye Spy
Intelligence Magazine

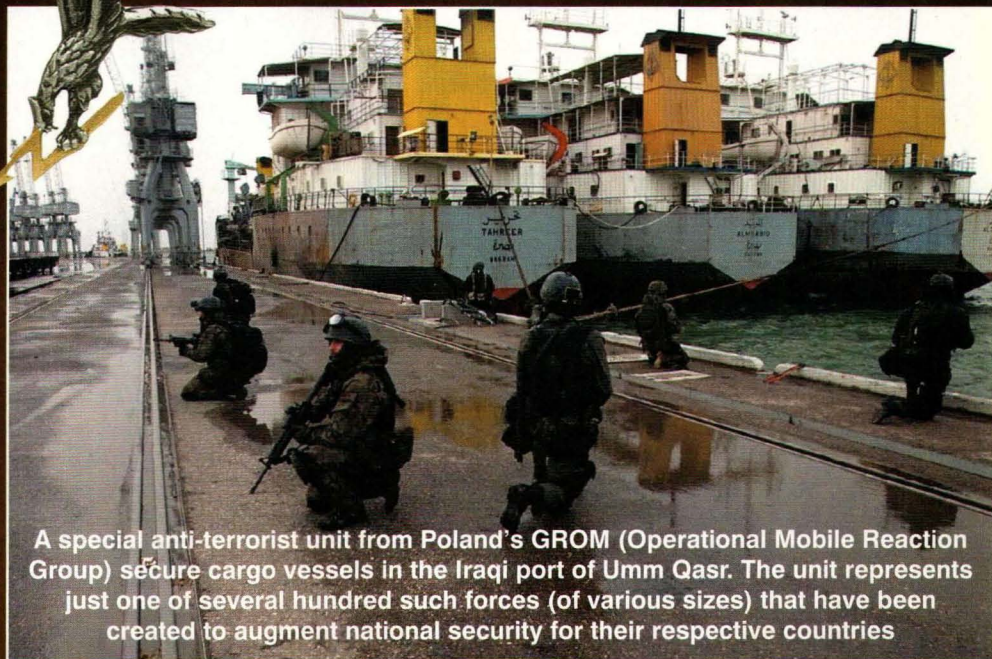
behalf of a terrorist organisation do so because of ideology. And it is precisely that idealism that separates them from ordinary criminals. Terrorists often have a blueprint, sometimes a perverse one, but nonetheless an objective. 9/11 was not a criminal act, it was a meticulously organised, heavily funded, cold and calculated violent terrorist act with the sole intention of causing mass casualties and international conflict.

The subject of terrorism is now inextricably linked to intelligence in so many ways. Yet far beyond the oft dark-clad counter-terrorist forces pictured in the press and whose job it is to tackle terrorism at its leading edge - or the end game, are tens of thousands of people employed worldwide in dozens of other areas including:

- Intelligence Collection
- Threat Analysis (assessing the threat posed by groups and individuals)
- Service Coordination
- National Infrastructure
- Risk Assessment
- Counter-Intelligence
- Site Security (including locations such as airports, military facilities, weapons or hazardous storage and production sites)

The last category gives an insight into just how many other sections can and do fall

"Counter-terrorism work always begins with intelligence; is followed by analysis and if deemed necessary, an end game performed by law enforcement or military specialists. In between a range of implications are considered, not least public safety..."



A special anti-terrorist unit from Poland's GROM (Operational Mobile Reaction Group) secure cargo vessels in the Iraqi port of Umm Qasr. The unit represents just one of several hundred such forces (of various sizes) that have been created to augment national security for their respective countries

within a component element of counter-terrorism. Also missing from the list are hundreds of international and dedicated organisations such as the UK's NaCTSO (National Counter Terrorism Security Office) and similar services now fully operational and vitally important to security. Organisations like NaCTSO support and provide useful guidance to a host of other important organisations from mail delivery and drug production to identifying threats to officials and businesses. The list is really only restricted by ones imagination and many everyday operations have threads to counter-terrorism.

FINANCE

Counter-terrorism on an international scale requires a huge budget. MI5, Britain's domestic intelligence service spends hun-

dreds of millions of pounds every year on terrorist-related work. But readers may still find the following data surprising. For year ending 2011, 87% of the organisation's budget and work was dedicated to international and domestic terrorism. At the same time just 4% was allocated to counter-espionage. This reflects the magnitude of the threat posed by terrorism in the UK. And a deeper examination of MI5's books shows that in 2010, the allocation of resources and monies was 89%. MI5 publicly state that an astonishing 95% of its entire resources are spent on countering-terrorists and providing protective security. ➤

This dramatic photograph shows a smoke-filled sky over Islamabad minutes after a terrorist truck bomb had been detonated outside the city's Marriott Hotel in September 2008

© JAWAD ZAKARIYA

Amongst its various tasks, MI5's counter-terrorist branch is employed to seek out, identify and disable terrorist threats. Its priorities are set out by the Joint Intelligence Committee (JIC) and monies allocated from the UK's Single Intelligence Account (SIA). During the investigative process it will often collaborate closely with New Scotland Yard's Counter Terrorist Command (CTC - SO15), especially when CT (counter-terrorist) raids are conducted or if a major threat to public safety ensues.

If funds donated by Parliament to MI5, CTC and other security services for tackling terrorism seem substantial, they are significantly dwarfed by monies received by agencies such as the FBI, CIA and other US counter-terrorist concerns.

SCALE AND AGENDA OF A TERRORIST ORGANISATION

For hundreds, perhaps thousands of years, terrorism has presented itself in various forms, but it usually involves violence or death or at the very least a threat of one or both. It can emerge quickly and without warning from a multitude of directions and be performed by individuals or organised groups. For example, those who no longer support a particular government, policy or action or wish for regime change. It may also present itself as a revenge attack, part of a civil war or an insurgency; even governments have been known to resort to terrorism. Those who enter into this dark world usually do so for political, religious or ideological reasons, but regardless of which reason is offered as an excuse, terrorists often claim to have a motive. Quite often there is none and killing innocent victims in pursuit of a particular cause can never be justified.

To challenge (counter) and defeat terrorism, an entire intelligence industry has emerged that endeavours to understand why it exists, how it functions and what those engaged in terrorism really want. Analysts from various professions, including the medical community now familiarise themselves with its many



A smiling President Kennedy pictured just minutes before he was shot dead in Dallas - 23 November 1963. The act was deemed a terrorist action by many and prompted a serious review of US presidential security measures

tentacles and evolving forms. It also helps to have a high degree of knowledge about those who use it and how it is financed. Tackling terrorism has become increasingly difficult and more dangerous, this as faster communications and travel open up the world as never before. Trying to balance personal freedoms with public security remains a top priority in most free states, but since 9/11 dozens of new security measures have been introduced to try and restrict attacks by terrorists. However, an analysis of the international terror time-line related to the last decade still makes for grim reading.

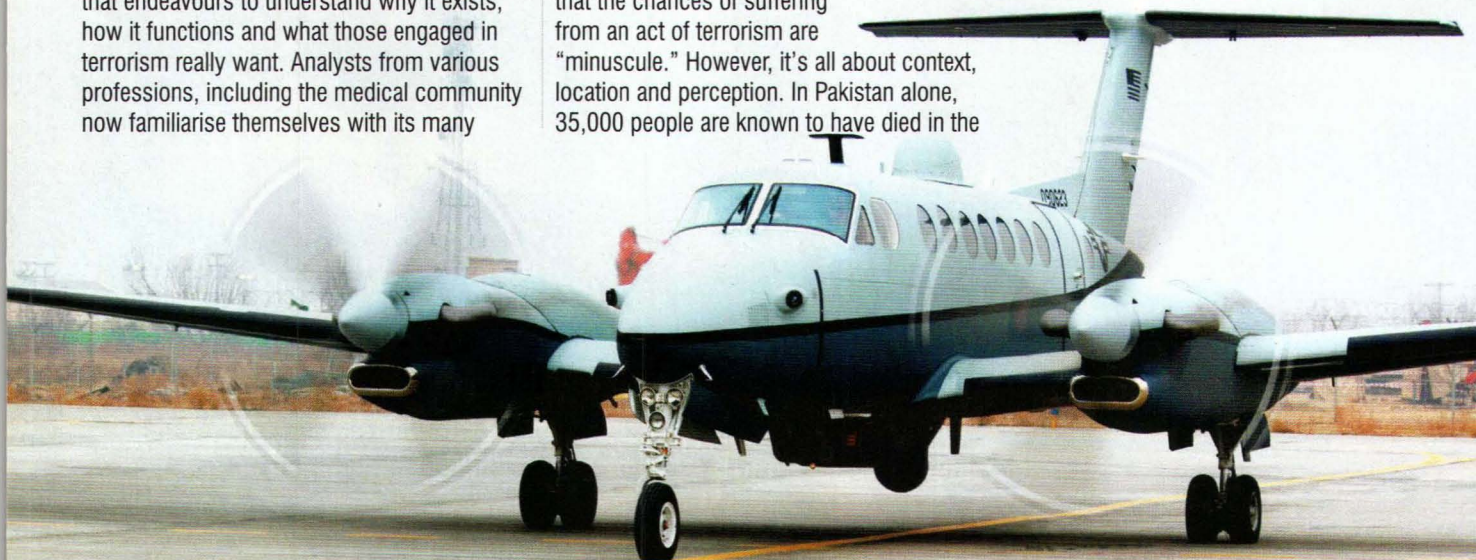
Many academic books and research papers have also been produced over the last few years which try to offer some comfort in respect of casualties, personal security and extent of terrorism. One analyst recently wrote that the chances of suffering from an act of terrorism are "minuscule." However, it's all about context, location and perception. In Pakistan alone, 35,000 people are known to have died in the

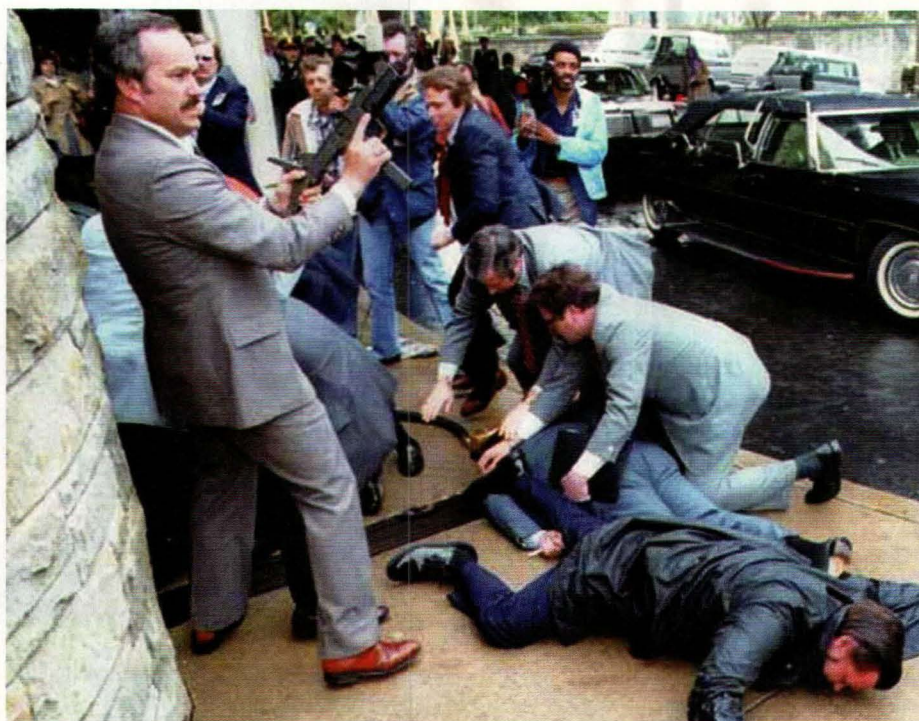
last 20 years from acts of terrorism. And even in Iraq today, where an internationally recognised government now exists, terror attacks in markets, bus stations and against government targets continue to be a regular occurrence. Terrorism is a menace that shouldn't be played down, but neither should it be allowed to affect freedom.

THE WATCH TOWER

Counter-terrorism was once perceived by some as a single functioning element within counter-intelligence. This is no longer the case

USAF MC-12 - airborne intelligence collection system, Afghanistan. Don't be fooled by this aircraft's appearance for it is capable of collecting a vast amount of material. The information is then processed, analysed and disseminated on board...





A Secret Service officer raises his automatic weapon moments after a gunman attempted to kill President Ronald Reagan outside the Hilton Hotel in Washington. Lying injured - James Brady and policeman Thomas Delahanty

The threat of terrorism has spawned an entire industry related to vehicle and transport security*



Bentley State Limousine



US Cadillac Presidential Limousine



German Government Mercedes-Benz W220

and its importance as a "stand alone" intelligence subject is recognised throughout the world. Much of the material sought, used and created by counter-terrorist officials can, however, be described as a product of the intelligence cycle. And just like the world of intelligence, personnel from civilian, military and other arms of government are deployed to monitor and/or counter adversaries. They are sometimes described as a "watch tower."

Counter-terrorism is not the sole domain of powerful nations such as the United States (though America remains global terrorism's most valued target). Indeed, for years many political and intelligence figures in the US believed their country was relatively immune from such happenings. Of course 9/11 changed all that. Some analysts even argue that had those in high office watched affairs overseas more closely, with particular reference to the impact of foreign policy and conflicts, they would have seen a fast changing landscape. This in turn may have exposed the threat and increased urgency in deploying counter-measures. Different countries now produce their own unique CT Matrix based on threat values, but all have aspects that are quite similar. A popular intelligence model known to Eye Spy consists of four primary counter terrorist areas:

*Domestic (internal)
Frontier (border/dominions/protectorates)
Near Foreign (neighbouring countries)
Worldwide (continental)*

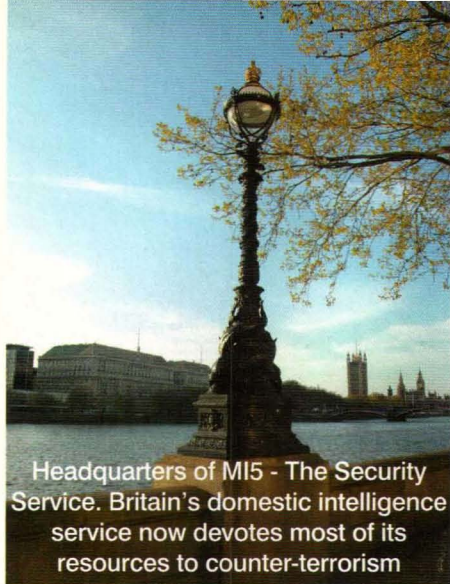
FOREIGN TERRORIST ORGANISATIONS (FTOS) AS OF 27 DECEMBER 2011

FTOs are foreign organisations that are designated by the US Secretary of State in accordance with section 219 of the Immigration and Nationality Act (INA)

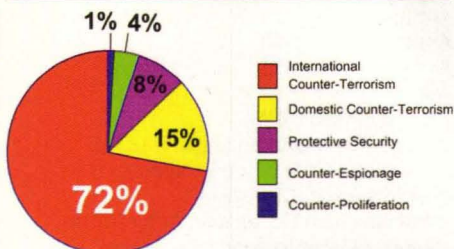
- Abu Nidal Organisation (ANO)
- Abu Sayyaf Group (ASG)
- Al-Aqsa Martyrs Brigade (AAMS)
- Al-Shabaab
- Ansar al-Islam (AAI)
- Army of Islam (AOI)
- Asbat al-Ansar
- Aum Shinrikyo (AUM)
- Basque Fatherland and Liberty (ETA)
- Communist Party of the Philippines/New People's Army (CPP/NPA)
- Continuity Irish Republican Army (CIRA)
- Gama'a al-Islamiyya (Islamic Group)
- HAMAS (Islamic Resistance Movement)
- Harakat ul-Jihad-i-Islami/Bangladesh (HUJI-B)
- Harakat ul-Mujahidin (HUM)
- Hizballah (Party of God)
- Islamic Jihad Union (IJU)
- Islamic Movement of Uzbekistan (IMU)
- Jaish-e-Mohammed (JEM) (Army of Mohammed)
- Jemaah Islamiya organisation (JI)
- Jundallah
- Kahane Chai (Kach)
- Kata'ib Hizballah (KH)
- Kongra-Gel (KGK, formerly Kurdistan Workers' Party, PKK, KADEK)
- Lashkar-e Tayyiba (LeT) (Army of the Righteous)
- Lashkar i Jhangvi (LJ)
- Liberation Tigers of Tamil Eelam (LTTE)
- Libyan Islamic Fighting Group (LIFG)
- Moroccan Islamic Combatant Group (GICM)
- Mujahedin-e Khalq Organisation (MEK)
- National Liberation Army (ELN)
- Palestine Liberation Front (PLF)
- Palestinian Islamic Jihad (PIJ)
- Popular Front for the Liberation of Palestine (PFLP)
- PFLP-General Command (PFLP-GC)
- al-Qaida in Iraq (AQI)
- al-Qaida (AQ)
- al-Qaida in the Arabian Peninsula (AQAP)
- al-Qaida in the Islamic Maghreb (formerly GSPC)
- Real IRA (RIRA)
- Revolutionary Armed Forces of Colombia (FARC)
- Revolutionary Organisation 17 November (17N)
- Revolutionary People's Liberation Party/Front (DHKP/C)
- Revolutionary Struggle (RS)
- Shining Path (Sendero Luminoso, SL)
- United Self-Defence Forces of Colombia (AUC)
- Harakat-ul Jihad Islami (HUJI)
- Tehrik-e Taliban Pakistan (TTP)



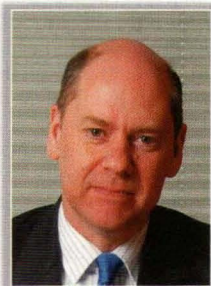
* Eye Spy Note: Some of the counter-measures adopted by these vehicles remain classified



Headquarters of MI5 - The Security Service. Britain's domestic intelligence service now devotes most of its resources to counter-terrorism



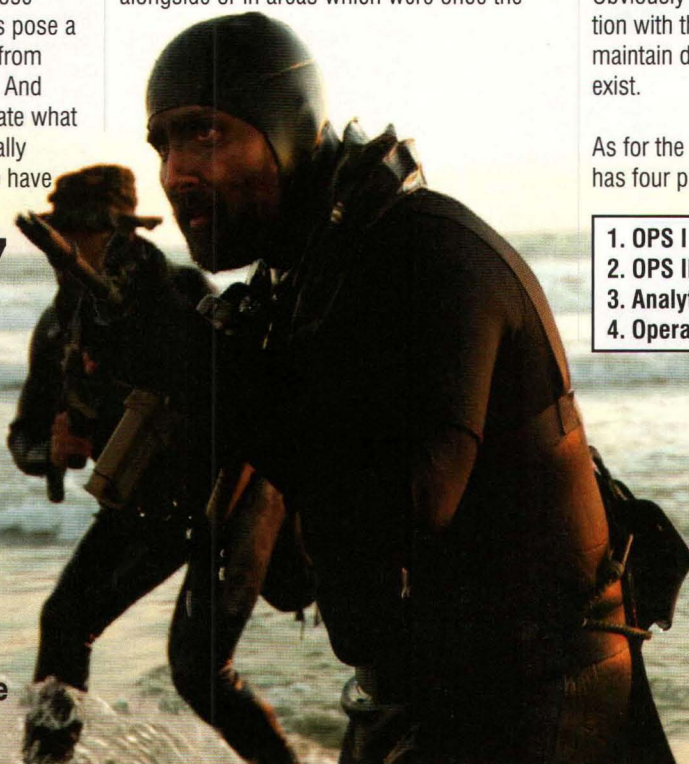
Jonathan Evans - MI5 Director-General
one of the world's most experienced counter-terrorist intelligence officers



Within each area falls a carefully considered list of organisations that may be, or are considered terrorist in nature and whose operatives, supporters and objectives pose a credible threat. The threat can come from within (domestic) or be international. And whilst some commentators may debate what constitutes a terror group, it is generally accepted that they will at some stage have

NO ORDINARY AMERICAN SERVICE

US Navy SEALs conduct a beach exercise. Besides having a formidable counter-terrorist element the regiment also has vast intelligence-gathering experience and can operate in various environments



participated in violence against governments, people or institutions, be they private or belong (backed) or operate on behalf of a nation state.

Similarly, in opposition are numerous organisations and offices which function in an attempt to identify threats and liaise with other agencies to engage counter-measures. Border protection, coast guard and agencies such as MI5, GCHQ and even MI6 have officers assigned to intelligence elements best described as a counter-terrorist desk. These in turn are controlled by civil government offices and report to various intelligence committees. The "intelligence wheel" or mechanism that drives such work is immense.

One organisation that by necessity has had to learn quickly and develop is the FBI. For years it was simply perceived as a national serious crime fighting agency which had counter-intelligence and espionage divisions. In the last decade the FBI has changed dramatically and 9/11 spawned a massive internal counter-terrorist intelligence-led industry. The Bureau's Counter Terrorism Division (CTD) can't really be compared to the UK's CTC in that it generates much of its own global intelligence - quite often from abroad. However, there are similarities, especially in "end game" operations carried out on domestic soil.

The CTD has domestic and international field stations and dozens of senior liaison officers attached to foreign overseas CT concerns.

And of course, this often means operating alongside or in areas which were once the

Part of the CIA's Langley headquarters. The Agency has a very pro-active CT division that conducts worldwide operations. Some of its post-9/11 activities have been described as "controversial"

CIA: WATCHING

sole domain of America's Central Intelligence Agency. The CIA runs its own huge Counterterrorism Center, and within, its important Office of Terrorism Analysis (OTA). The OTA has an agenda as powerful as any:

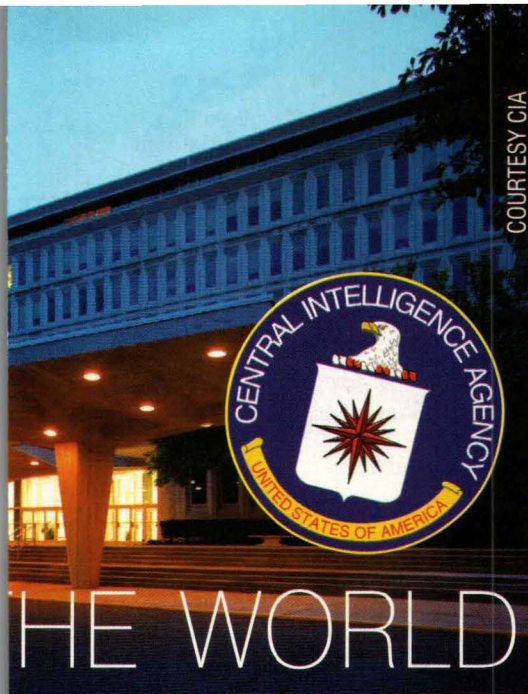
- Tracking terrorist and non-state actors
- Assessing terrorist vulnerabilities, analysing their ideology and goals, capabilities, associates and [operational] locations
- Analysing worldwide terrorism trends and patterns to help prevent and warn of attacks
- Monitoring emerging and non-traditional terrorist groups, evolving threats, operational methods and possible collusion between groups
- Identifying, disrupting and preventing international financial transactions that support terror networks and operations.

Obviously there is a high degree of collaboration with the FBI, but some sceptics still maintain disputes and "intelligence hugging" exist.

As for the FBI Counter Terrorism Division, it has four primary elements:

1. OPS I
2. OPS II
3. Analytical
4. Operations Support





COURTESY CIA

THE WORLD



An FBI CT bomb disposal expert

Within OPS I is contained the Bureau's International Terrorism Operations Section (ITOS). Amongst those monitored are groups such as al-Qaida. OPS II has three watch elements: Weapons of Mass Destruction and Domestic Terrorism (WMD/DT); Communications Exploitation Section (CXS) and TFOS - Terrorist Financing Operations Section. This important third element has an investigative arm that can block terrorist financing and includes four powerful offices: Radical Fundamentalist Financial Investigations Unit; Financial Analysis Unit; Worldwide Extremist Financial Unit and Domestic WMD Unit.

Both OPS I and II are supported by the FBI's Analytical Branch which operates two main elements: Counterterrorism Analysis and the production of revealing intelligence and terrorism reports produced by a publications team.

Besides these divisions other CT operations within the FBI exist, including the Foreign Terrorist Tracking Task Force of which the well known Joint Terrorism Task Force is contained.

This simplified description gives readers a glimpse into the international structure of the FBI's counter-terrorism work, and does not even enter the domain of other less well known or secret attachments.

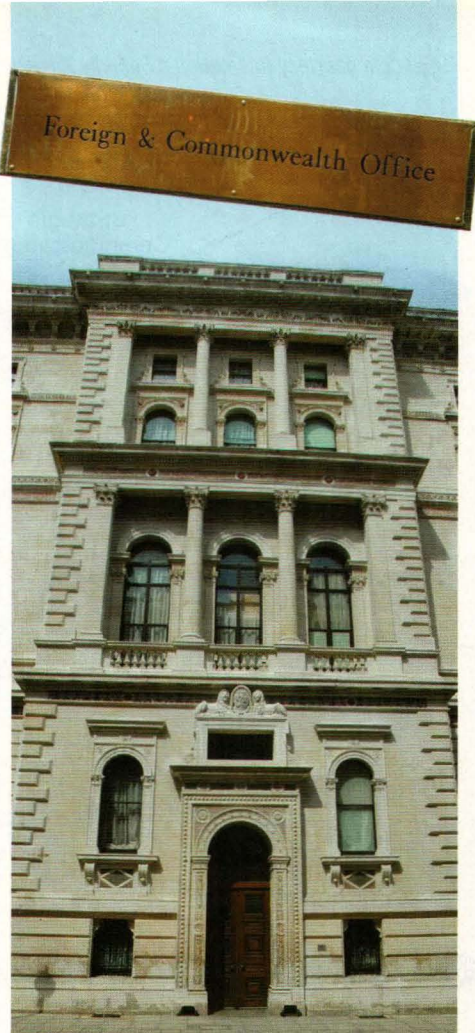
HUMINT, INTELLIGENCE SOURCES, WARNINGS AND ALERTS

Crucially important in respect of intelligence are smaller state offices and even individuals who receive, collect and analyse data and reports on a wide range of subjects relevant to "countries of interest." Much of the "raw data" is filtered through overseas embassies, trade delegations, NGOs (non-government organisations) and agencies which regularly assess happenings. This includes political events, military agreements and contracts, foreign policy situations, trade and monetary agreements, ethical stances and local and national unrest; monitoring protesters who gather to voice disapproval of an action or incident which may indicate trouble. Such information in its raw state can come from both open and closed sources, but particularly useful is qualified material from those with access to both senior diplomats and others, including media sources who observe happenings first hand.

History has proven, that in some countries local disputes can inflame quickly into national matters and conflict can occur out of the blue. This in turn develops from a simple verbal disagreement and before long fighting breaks out. Suddenly a country can become vulnerable to foreign interference because of a power vacuum, or groups and individuals once banished seek to return and take advantage of a destabilised environment. Recent examples relevant to this and involving counter-terrorism can be found in Afghanistan and Yemen, though there are many more. When a "power vacuum" occurs, and if it is not closed quickly or a political solution found that cements rival parties, the land can be occupied and used as a terror base, or terrorism develops.

Those in charge of overseeing the developing nature of a threat will always take note of such situations, even if they initially seem mundane.

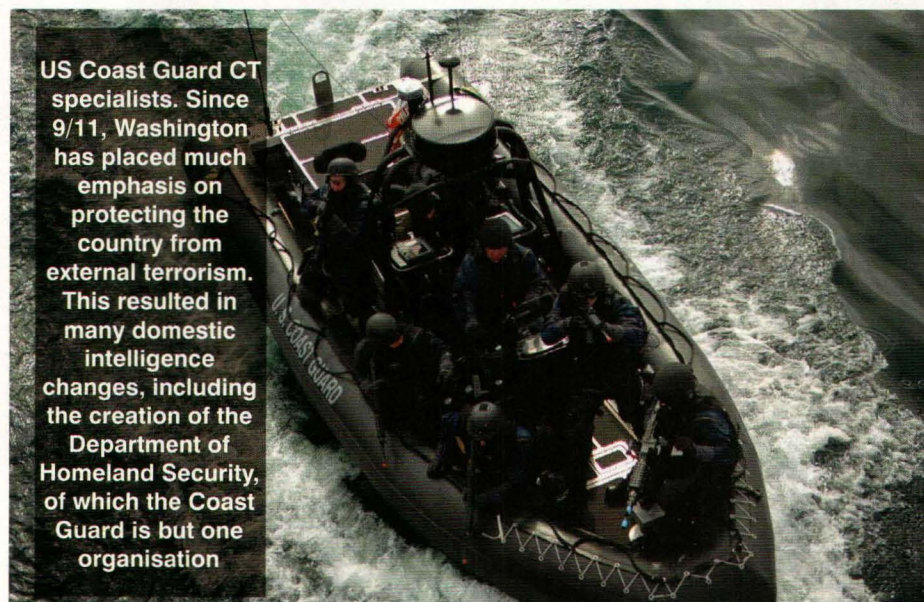
Other analysts will be asked to assess the risk factor when decisions of importance are taken,



MI6 INTELLIGENCE ASSESSMENTS

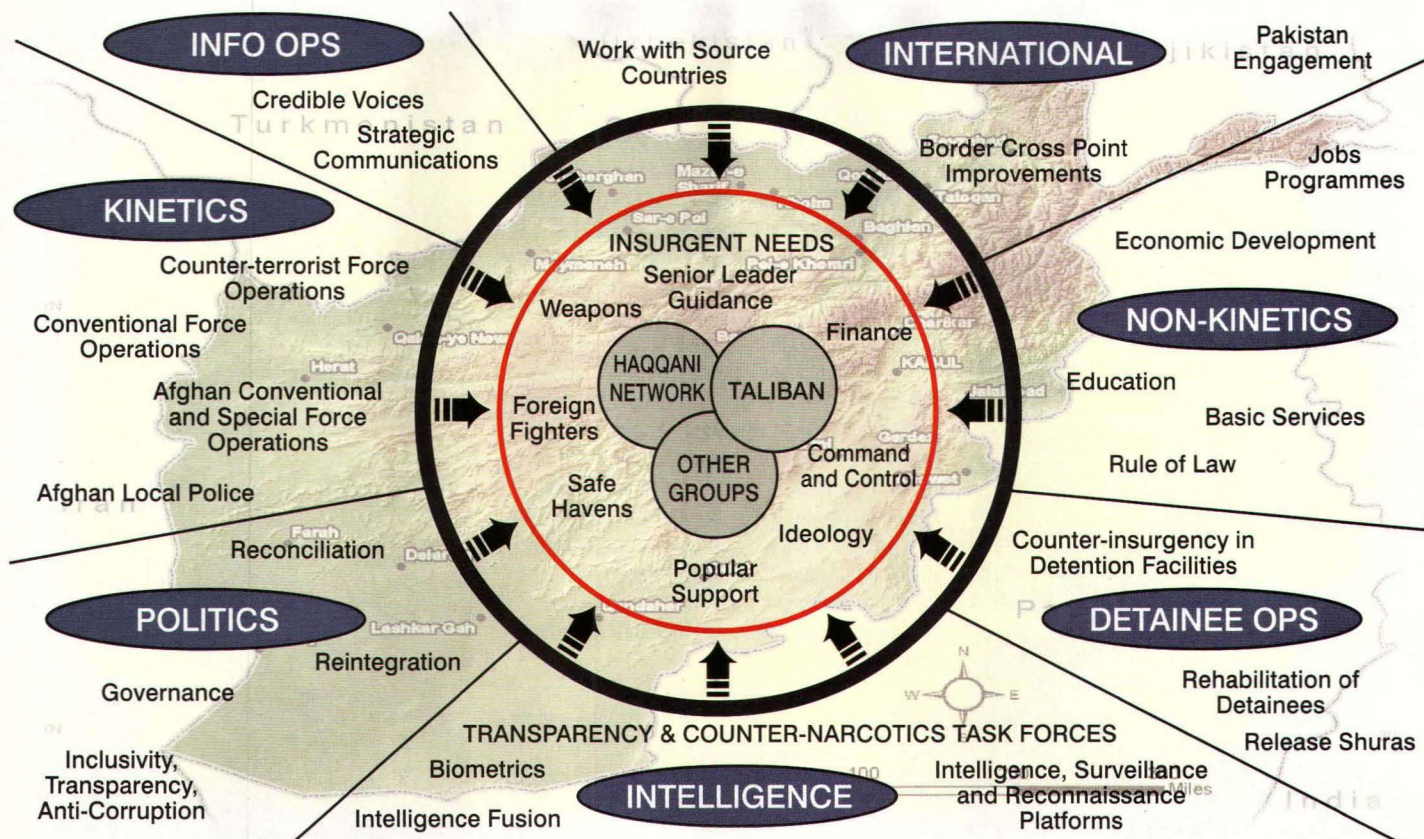
The Foreign Office, based on intelligence analysis from MI6, calculated Britain's Embassy in Tehran would probably be targeted following the imposition of new tough sanctions - this in relation to its nuclear bomb programme

especially when they affect a country which is unstable, or an important ally in a particular area. A prime example of monitoring a developing or potential threat was recently played out in Tehran, when thousands of mainly organised Iranian students were invited to storm the British



US Coast Guard CT specialists. Since 9/11, Washington has placed much emphasis on protecting the country from external terrorism. This resulted in many domestic intelligence changes, including the creation of the Department of Homeland Security, of which the Coast Guard is but one organisation

COURTESY: US COAST GUARD



OPERATION ANACONDA - AFGHANISTAN 2010

This fascinating graphic is based upon a carefully considered strategy created by analysts from NATO and the wider civilian and military intelligence community. It considers a great many factors, not only in the organisation's military operations against two powerful terrorist outfits - the Taliban and Haqqani Network, but endeavours to understand their objectives, requirements and what can be done to draw operatives away from terrorism

Embassy. This action was in response to tough new sanctions imposed on Iran by the UK after London warned over Iran's nuclear weapons building programme. Eye Spy understands the Foreign Office was advised in advance by MI6 that this was likely. The words "action" and "reaction" come to mind, but this example from Iran forms but a tiny part of a huge file on Iran, much of it related to counter-terrorism and horizon threats. And Iran is a special case

because it has been accused by several countries whose intelligence services have reported, is a sponsor of some terror groups, and easily has the ability to perform acts of violence way beyond its borders.

For those who believe foreign policy is a boring topic and not relevant to one's own security, think again. Knowing what's going on politically and militarily and the stability of countries both

near and far, is essential to the counter-terrorist official. How that information and intelligence is gathered and processed is examined in a later feature, but naturally it often requires the use of sources and agents, though much comes through the media via groups, individuals, commentators and observers.

Note also Eye Spy's deliberate separation of "information" and "intelligence." Both subjects are distinct, linked and aligned but fundamentally different. Securing accurate intelligence on a group or possible attack is the first line of defence for counter-terrorism bodies. How that material is examined and shared in an integrated intelligence community is next. This feature has barely scratched the surface in respect of the vast CT community that now exists to protect the public...

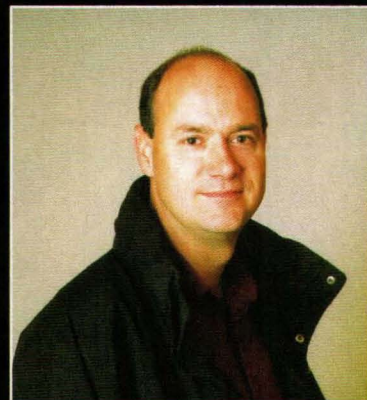
In Eye Spy 78, our editors examine the 'Terrorist Opponent' and look at the various options now available to those who want to create mayhem

SUMMER - 2011 - KABUL

Senior NATO military intelligence officials discuss the on-going conflict in Afghanistan. Amongst those pictured here, current Director Central Intelligence Agency - Mike Mullen and former Chairman of the Joint Chiefs of Staff - David Petraeus. Both men have vast experience of the intelligence situation in Afghanistan



6 PART



International surveillance authority PETER JENKINS addresses a variety of technical issues surrounding night photography. Image intensifiers and infrared are amongst the topics examined in this feature

SURVEILLANCE PHOTOGRAPHY

Night Photography and Image Intensifiers

Good quality image intensifiers are expensive, especially when combined with a digital SLR camera. However, they can help you obtain excellent still photographs in dark situations. The device is fitted between the camera body and the lens and intensifies the minutest amount of light. It is imperative that you use a tripod or support for the camera: if you have image stabilisation ensure that it is switched on and set the focus to manual. If you are totally covert and close to your target remember to disable any lights, red eye reduction flash or LCD displays. Manually set the ISO rating to at least 1600, be careful not to push it any higher or you will experience 'noise' and lose image quality.

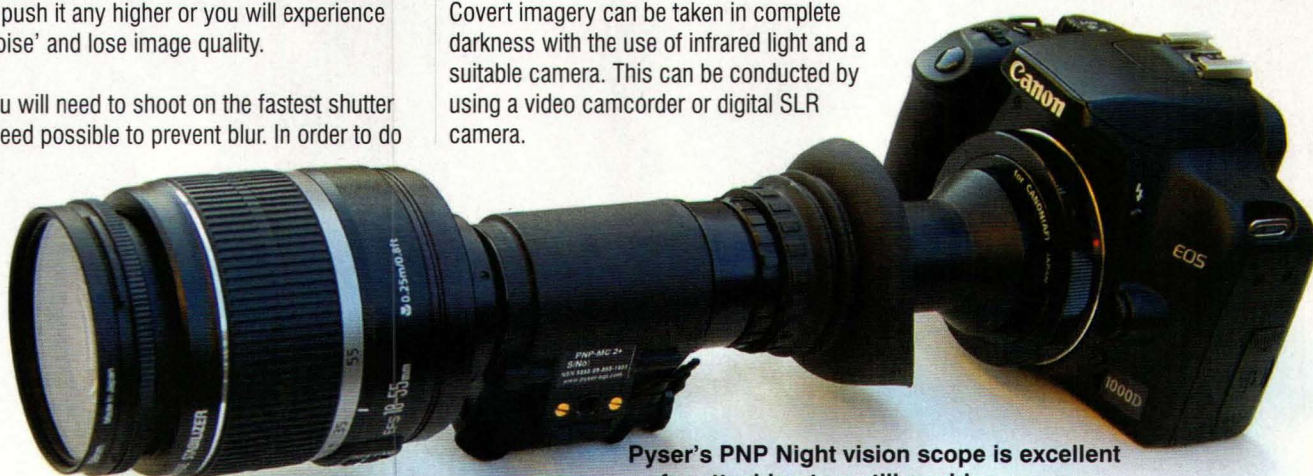
You will need to shoot on the fastest shutter speed possible to prevent blur. In order to do

this, set the camera to manual exposure mode as you want to use the largest aperture allowing as much light as possible through the lens. The shutter speed needs to be fast enough to prevent blur but slow enough to capture the dark green image which is produced. The beauty about digital photography is that you can review the images immediately so take a few pictures on different shutter speeds to obtain a good exposure. Try it set between 1/20th and 100th of a second. If you have an independent IR (infrared) illuminator such as a torch or beacon, this will assist in very dark and shadowed areas.

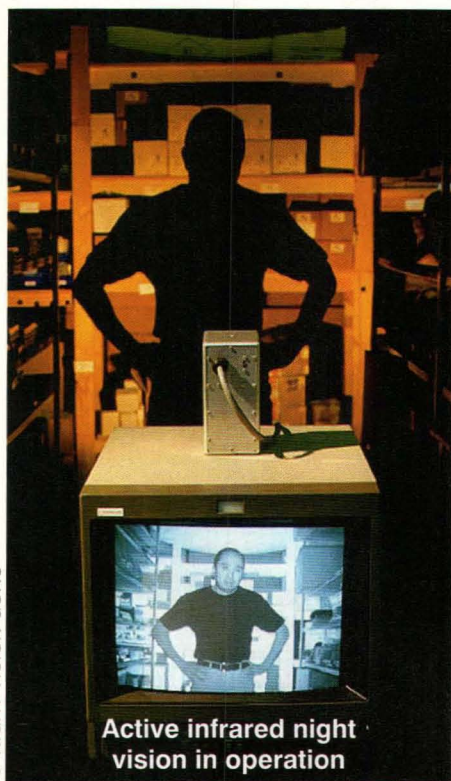
COVERT INFRARED IMAGERY

Covert imagery can be taken in complete darkness with the use of infrared light and a suitable camera. This can be conducted by using a video camcorder or digital SLR camera.

The majority of cameras (video and still) are fitted with an infrared (IR) filter, which is built into the body of the camera. This is used to filter out any natural IR light from reaching the film/sensor as it will have an adverse effect on the final image. Some video cameras have the facility to switch this filter off in order to let IR light through, it is commonly known as 'Night Shot'. However, with digital SLR cameras it is not possible to do this, so any camera body used for IR must be specially modified by an engineer who physically removes the IR filter. Once this has been done, the camera will not be able to be used in its normal mode unless the lens is fitted with a special filter.



Pyser's PNP Night vision scope is excellent for attaching to a still or video camera



INFRARED LIGHT

Infrared light cannot be seen by the naked eye. There are however various lamps, flashlights and illuminators that emit IR. They normally emit IR light in one of two frequencies 850 nanometres or 950 nanometres (nm). An illuminator of 850nm will transmit a faint red glow which is not fully covert but any illuminator transmitting on 950nm will be totally invisible to the naked eye.

IR light also focuses at a different point to natural white light. Be aware that if you are focusing on an object 50cm away, the actual IR point of focus will be approximately 5cm behind the object, so this has to be considered when photographing detail.

VIDEO CAMCORDERS

A camcorder with Night Shot function is very simple to use. Set the camera up, switch on the Night Shot facility, attach an IR illuminator, set the zoom to your requirements and away you go. You will be able to video in complete darkness.

The range of the IR illuminator will have to be tested at various distances and with differing zoom control. Vehicle registration plates will brightly reflect IR light and therefore can be recorded at further distances when the vehicle itself may not be illuminated.

DIGITAL SLR CAMERAS

Your digital camera must be specially modified, having had the internal IR filter removed.

The IR source can be from various illuminators such as an array of LED's or by means of a conventional flashgun fitted with an IR filter. The modified flashgun is the preferred option as the illumination is more powerful and helps capture detail and better images at longer distances.

Photographs taken through an image intensifier

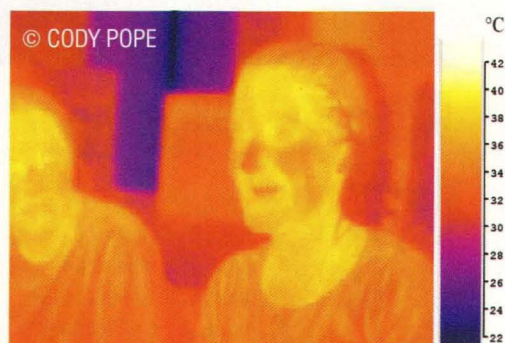
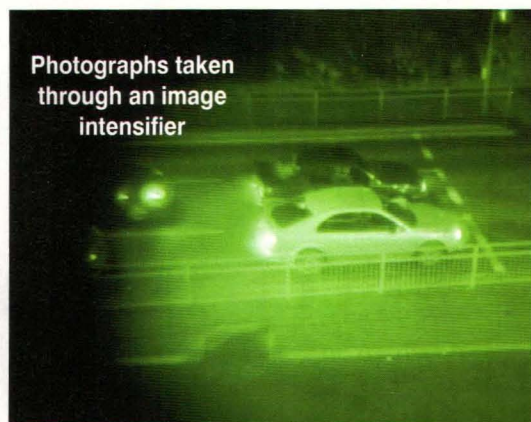
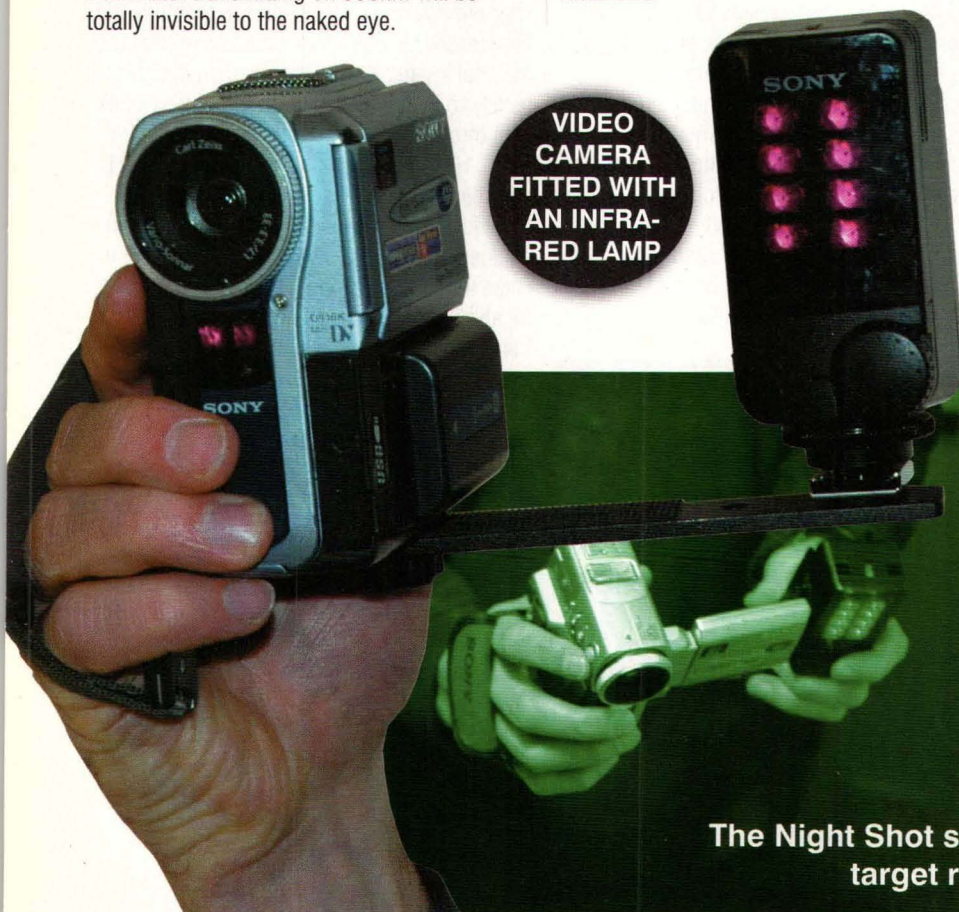


Image of two people in mid-infrared

THE FLASHGUN

The flashgun is screened with a piece of IR filter glass which is dark red in colour. The filter has to be fitted so that any stray white light does not escape from the flash in order to remain covert.

VIDEO CAMERA
FITTED WITH
AN INFRA-
RED LAMP



The Night Shot system is useful for close target reconnaissance

Image intensifier used with a digital SLR camera

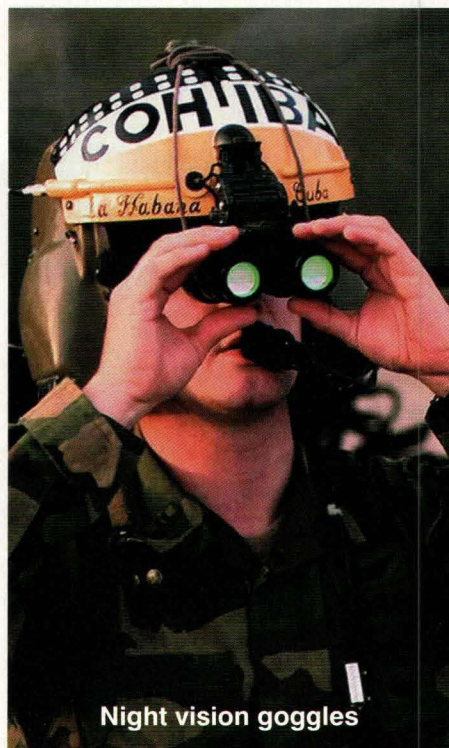


THE CAMERA SETTINGS

Firstly you should go through the camera's menu and make the following adjustments:

Review - Off. This prevents the rear screen from automatically illuminating as it displays the image just taken

LCD Brightness - Low. This keeps the rear viewing screen brightness down in the event you have to review the images



ISO - 400. Set the camera ISO to 400

Red Eye - Off. This prevents a beam of light firing out of some cameras

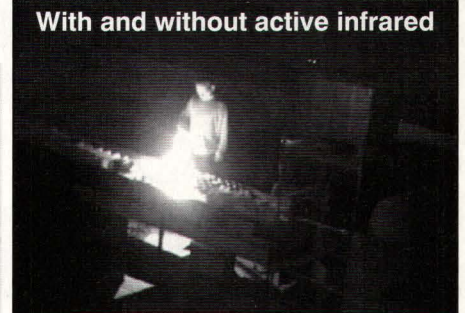
Manual Focus: This prevents the camera shooting out a beam of red light. In very poor light or total darkness, the camera lens is not able to focus unless it has something to focus on and so it emits this red beam. The disadvantage of manual focus is that it can be tricky to focus on your subject in total darkness.

Auto Focus: As mentioned, when the camera lens is set to auto focus, a red beam of light is emitted from the camera. If the situation is secure and permits you to get away with it (such as being close up or indoors) then use it.

PROGRAMME MODE

The camera's programme mode should be set to Manual (M). You will now have to manually adjust the shutter speed and aperture to the desired settings. A bit of experimentation is now required by bracketing the shutter speed.

It is recommended that you always try to use the largest aperture possible (f3.5 or f4.5) in order to let in as much light. However, if shooting very close up, I advise you set this to f8 in order to maximise depth of field (remember that IR light focuses at a different point). So, with the camera aperture set to f3.5, now set the shutter speed to 1/125th and take a picture. Review the image; if it is too dark, then slow the shutter speed down to 1/90th, if



Infrared transmitting filters

it is too bright then use a faster shutter speed of 1/350th. Experiment until you get it right.

Be aware of shooting at shutter speeds of less than 1/60th as you may encounter blurring through camera shake. To obtain a faster shutter speed, increase your ISO setting to 800 or 1600.

Once you have transferred the images to a computer, it may be worth considering changing the format from colour to greyscale. This will give you a black and white picture rather than one with a red tinge to it.

• In Eye Spy 78, Peter explains how to obtain good covert surveillance footage using video recorders

NICK SHEPLEY

CUBA

Island of Spies

IS RUSSIA STILL LISTENING?

Nick Shepley examines a burning question that has split the intelligence community - is the former KGB listening post known as Lourdes once again operational and spying on America?

An indication of the enthusiasm with which the USSR embraced Cuba following the revolution that overthrew the despotic US-aligned President Fulgencio Batista, can be seen in a concrete installation at the western end of the Island at Bejucal, just south of the capital Havana. The Bejucal East Signals Station and eavesdropping post, better known as Lourdes, is in many ways rather like one of those backdrops for Graham Greene's *Our Man in Havana*. One might rather expect the hapless hero Mr Wormold to have been sketching the inside of vacuum cleaners for MiG rather near this site.

Lourdes nestles next to the vibrant town of Bejucal, birthplace of the actor Andie Garcia, and home to thousands of people who spend their lives blissfully ignorant to its special status as an intelligence outpost of the Russian Federation.

And the Cold War importance of Lourdes can be judged not just by its strategic intelligence collection role and proximity to the eastern seaboard of the USA, but by the Russian services once represented on site: GRU (military intelligence), FAPSI (from KGB communications/SIGINT) and the SVR (foreign intelligence).

A decade ago there was much speculation that the site was to close, or at the very least scale back its operations - much to the dismay and anger of the Cuban government. Lourdes, which covered 28 square miles had been a thorn in the side of US Intelligence for the best part of 30 years, but was now officially shutting down its vast SIGINT and ELINT (signals/electronic intelligence) operation.

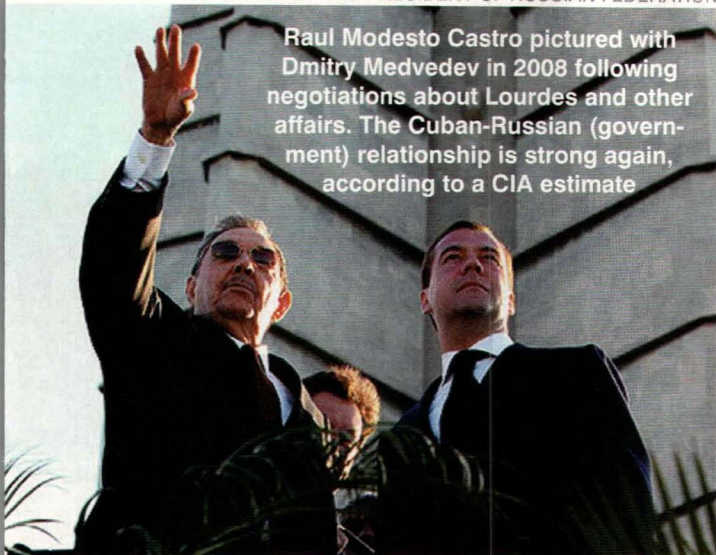
There are some intelligence watchers who believe parts of the base didn't close down entirely, and evidence of this emerged when, on 15 July 2003, the US radio station Voice of America had its broadcasts to Iran jammed. The culprit was one of the operating centres in Lourdes. The US called this action "a deliberate and malicious effort to stop Iranian audiences from listening to truthful news." This incident occurred after many of Lourdes' buildings and equipment had been dismantled.



Fidel Castro's "love affair" with communism began shortly after the fall of dictator General Fulgencio Batista (left) in 1959 who was backed by the CIA. Castro is pictured here in East Berlin with senior officials from the East German government. CIRCA 1972



Raul Modesto Castro pictured with Dmitry Medvedev in 2008 following negotiations about Lourdes and other affairs. The Cuban-Russian (government) relationship is strong again, according to a CIA estimate



Through Lourdes, Russia intercepted and listened to US telephone and satellite communications - tens of thousands of calls - many connected to military operations. Indeed, in 1993 one estimate provided by then Defence Minister Raul Modesto Castro, said the site was "delivering 75 per cent of Russia's military strategic information." Whilst this sounds impressive, we must also consider that Castro had a vested interest in making the Russians feel welcome, important and valued, and a vested interest in demonstrating Lourdes value to the Russians, so perhaps caution is required when assessing such claims. A more accurate figure, perhaps, was provided by General Andrei Nikolayev who objected to Lourdes closure saying, "the site helped us collect 40 per cent of all our information on the United States region." But a decade later the base remains officially closed, and construction on part of the site resulted in the University of Information Science (UCI), now regarded as the country's senior place of learning, especially in the field of computing and software production.

NEW US-RUSSIAN MISTRUST

In 2007, an FSB intelligence estimate on US-Russian relations contained a section on Lourdes. A line said Moscow's action in respect of closing Lourdes down failed to enhance relations and it had been an error to leave Cuba. It should also be noted that Russia made its declaration about Lourdes on 1 October 2001 just three weeks after 9/11. This also included closing down an electronic listening post in Cam Ranh, Vietnam. The CIA accepted this as a "goodwill gesture," though some believe there were additional factors such as the warming of relations, and monetary concerns.

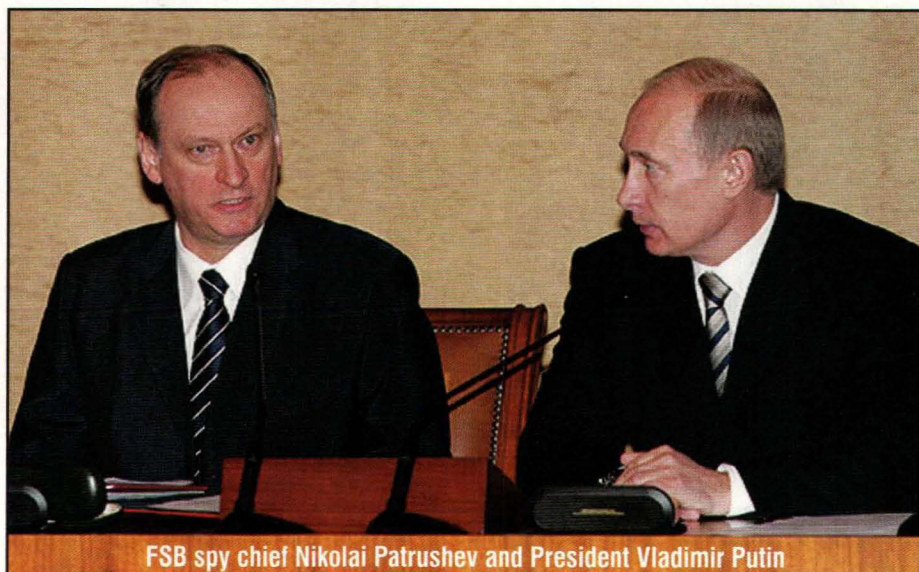
A year later, as the US continued research into its Europe-based missile defence shield, Nikolai Patrushev, who had just stepped down as head of the FSB was given a special task by Vladimir Putin. Patrushev, now Secretary of the Security Council of Russia led a powerful delegation of intelligence and military advisors to Cuba to discuss the possibility of opening military bases on the island. Afterwards, he told journalists: "There are convenient bays for reconnaissance and battleships and a network of so-called forward staging posts in Cuba. We can resume the operation of the radar centre in Lourdes with

Fidel Castro (right) pictured with another well known Cuban rebel - Che Guevara



© ALBERTO KORDA

approval from Cuba." He then went on to say, "new radar equipment will be necessary [for this task]." A few days later, Alexander Pikayev from Russia's Academy of Sciences, said: "Cuba is a unique place to gather intelligence on the United States. I believe that the reopening of the Lourdes Station is both possible and necessary amid the threat that the Americans are creating for Russia."



FSB spy chief Nikolai Patrushev and President Vladimir Putin

© OFFICE OF THE PRESIDENT OF RUSSIAN FEDERATION



President Putin secretly visited the Lourdes facility one week before Christmas 2001. During his four day stay on the island, Fidel Castro begged the Russia leader not to close the base fearful of the loss of revenue. When this proposal was rejected, an angry Castro requested Cuba's \$20 billion loan provided by Moscow was "wiped clean." Putin is said to have simply smiled at this suggestion, causing five or six years of friction, until 2007 when suddenly the usefulness of the Lourdes facility was recognised again.

"For that amount of money we can buy and launch 20 military satellites into space..."

Russian Chief of Staff General Anatoly Kvashnin



ALEX LLOYD USAF MEDIA

All of this occurred amidst Moscow's announcement that it may seek to use Cuban airfields for stationing and refuelling its strategic bomber fleet. The report was never denied by the ailing Fidel Castro who also referred to America's eastern European missile defence shield. Relevant to Lourdes, several Russian intelligence sources reported that moves were afoot to "revitalise the electronic spy base."

Later that year, President Medvedev also visited Cuba, helping to cement relations. This was to sign off a flurry of contracts including deals on military affairs and telecommunications. "Cuba has been, and will continue to be one of our key partners in Latin America," said Medvedev.

When Lourdes "officially" stopped operations (most of the equipment was definitely dismantled) Moscow was compensating Cuba with a hefty \$200 million (in crude oil, goods and products) a year in rent. Russian Chief of Staff General Anatoly Kvashnin said at the time: "For that amount of money we can buy and launch 20 military satellites into space." It's not unreasonable to assume a huge amount is being paid again, if of course the country is once again hosting an intelligence element and parts of the previous operation are active. And here lies the crux of the problem - no one knows for sure.

BACKGROUND

Fidel Castro and Nikita Khrushchev were not necessarily destined to become Cold War partners, but the shock of an autonomous Cuba overthrowing a pliant dictator in Batista, was compounded by the wave of industry nationalisations and land grants to peasants that Castro began in 1959.

The CIA and US President Eisenhower interpreted this as Communism, and in doing so they perpetuated a mistake that America repeated throughout the Cold War, the interpretation led inevitably to the reality itself actually materialising. Castro wasn't a communist in 1959, but he certainly was one by 1961, largely as a result of decisions taken by Eisenhower and Kennedy.

Castro and Che Guevara initially hoped that the USA would lend its support to their new democratic revolution, and Eisenhower's decision to reject the new regime, pushed Castro eastwards, towards the Soviet camp. The decision by the Kennedy Administration to support Cuban émigrés and facilitate Operation Mongoose, the disastrous 'Bay of Pigs' Invasion in April 1961, firmly cemented Castro into the Soviet world; his reading of all prior revolutions, French, Russian, Chinese and others, made one thing perfectly clear to him - that dominant powers in the vicinity would stop at nothing to crush revolutions when they broke out.

For Castro, the offer of massive military assistance from the USSR was too tempting to

COURTESY: DEPT. OF STATE



President John F. Kennedy and Nikita Khrushchev in Vienna, 1961

turn down, he wanted to teach the United States a lesson and Khrushchev had his own problems to resolve.

Popular history has it that the placement of US Jupiter missiles in Turkey in 1962, was the real cause of the crisis, provoking the USSR to reciprocate the threat by placing missiles directly in America's 'back yard'. Khrushchev knew full well, however, that the Jupiters were a bluff and that the missiles had reached a level of obsolescence that made their threat level negligible.

The Soviet leader, having denounced Stalin in 1956 and precipitated a crisis within the



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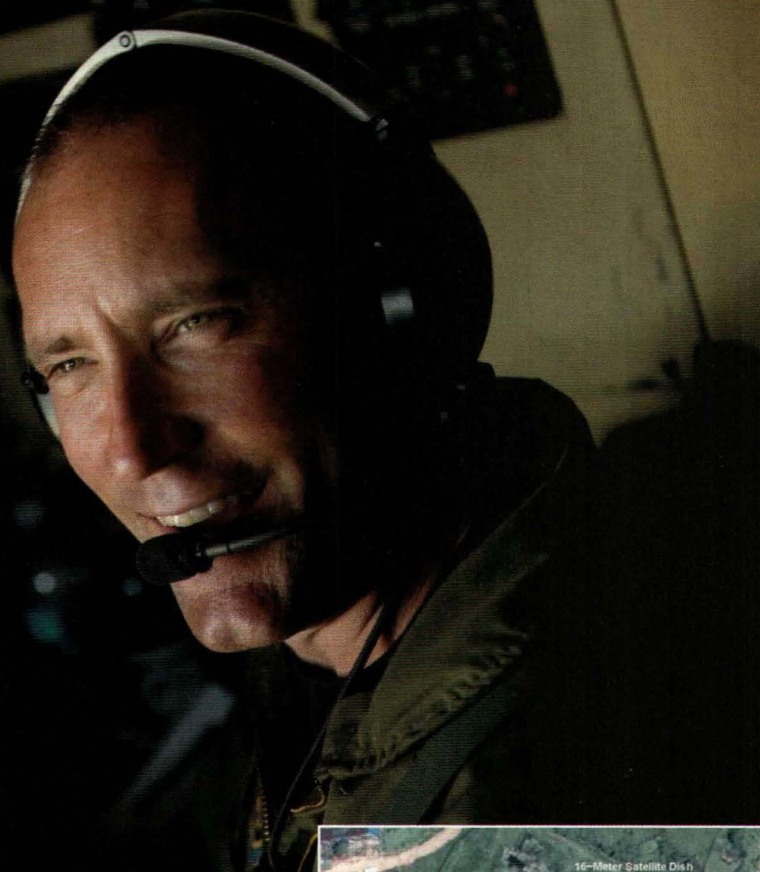
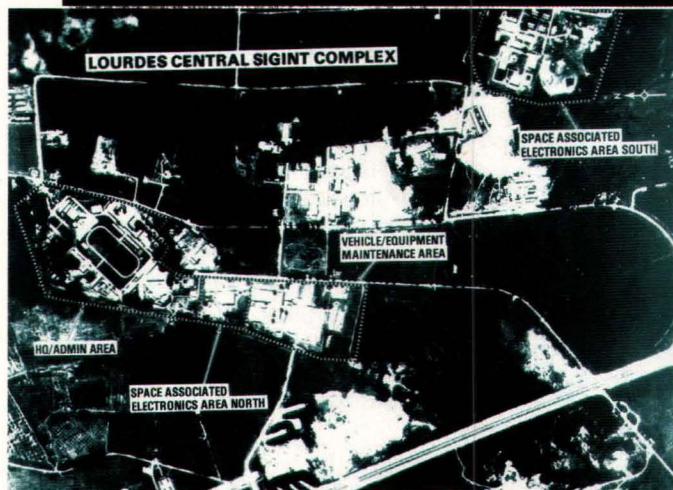
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"FIGHT AGAINST THE

© JIM SNAPPER

EYE SPY INTELLIGENCE MAGAZINE 77 2012

The CIA had been familiar with the Lourdes site for years, therefore just how much disinformation the Agency and secret organisations such as the NSA have deliberately transmitted for interception is debatable



Communist world and divisions with Tito over the crushing of the Hungarian uprising, desperately needed a coup. The various industrial and agricultural policies of his regime had failed and the chance to, as he colourfully put it "throw a hedgehog at Uncle Sam's pants," was too tempting.

Castro supports the Marxist-Leninism view of society, as proposed by Marx, Engels and Lenin who all feature on the flag. It was a stance that propelled Cuba into confrontation with the US and made Castro one of the CIA's highest value "targets"



POSSIBLE AND WIN"

LOURDES PROBLEM

Khrushchev had got the better of Kennedy at the 1961 Vienna Summit, hectoring him on the subject of American backing for corrupt but solidly anti-Soviet regimes around the world. Now he had to continue his tough stance and take the world to the brink of nuclear war as a result. His subsequent humiliating climb down over the



Global Security.org Public Eye DIGITALGLOBE



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LOURDES

Chinese Intelligence and Russia's Ruse

CUBA HOSTING A NEW TYPE OF SIGINT SPY

On 15 January 2002, a secret Russian Air Force mission to the island was aborted at the last moment. General Viktor Denisov told a journalist from Interfax that several Antonov An-124 cargo aircraft which had been scheduled to fly to Cuba to recover radar and other equipment, had not taken off from Moscow. When asked why, he unconvincingly explained that the air force had failed to receive sufficient funding for the flights.

Denisov was in charge of the operation and should have linked up with a handful of intelligence officers and technicians who had remained on the base. Interestingly, these officers were described as "caretakers" and had stayed on site after Cuba and Russia failed to agree adequate compensation for Moscow's sudden departure.

However, Eye Spy was told by a journalist from *Izvestia* that the story was not that simple and the FSB were concerned about a delegation of "Chinese spies" who had been received by Fidel Castro in late Autumn 2001. This date corresponds closely with Russia's announcement in October that the Lourdes facility was closing.

The CIA watched the situation too, as did the FSB, understandably fearful that Cuba would simply allow the Chinese to take over important parts of the Lourdes base. Indeed, Langley learned then that China was invited by Castro to enlarge its own "existing electronic espionage

centre," a suggestion which Beijing was not opposed to. Indeed, there is ample evidence that Chinese Intelligence did in fact occupy a set of buildings at Lourdes, this once the remaining Russians had departed. Castro then flew to China in early 2003 to negotiate further with intelligence officials all keen to develop the island for "listening purposes."

Denisov's story about a lack of money for the air transports was almost certainly a ruse - a time delaying tactic allowing the Russians to prepare additional security measures, and perhaps negotiate a lengthier, if not permanent stay for the so-called 'caretakers'. The An-124's arrived a few weeks later.

As for the China, its intelligence service has had some form of presence on the island since the late 1990s. How this arrangement worked is a little uncertain, especially when one considers the Russian intel element at Lourdes. However, Beijing has two facilities (signal stations), the largest being at Bejucal. The CIA and NSA have been tackling a cyber warfare unit that is contained here as well. Interestingly, Cuba's military intelligence service (DI) use the facility which has been greatly enhanced to intercept Internet traffic. The second site is located near Santiago de Cuba. A number of ships packed with interception equipment also operate around the island making Cuba a global hub for those intent on intercepting US communications.

missiles and the American blockade proved to be his eventual undoing. The victory for America in the Cuban Missile Crisis was not without its problems, however; Lourdes has proven to be a powerful and toxic legacy for America, one that it is not yet capable of doing anything about.

Not only were nuclear silos built on Cuba, but a vast infrastructure of air defence, intelligence and signals systems, including the installation at Lourdes (1964). The opportunity to build up a SIGINT capacity in a new client state was something that was almost as much of a coup for the USSR as the threat to place missiles on the island. SIGINT was and still is the most prized commodity of Russia's intelligence agencies past and present. Gathering HUMINT (human intelligence) has been for much of the Cold War, the strong suit of the KGB. But it was always in the arena of intercepted signals traffic that they lagged behind the American NSA and British GCHQ, which were the pre-eminent SIGINT organisations in the world. Any SIGINT advantage for the Russians was therefore highly prized.

LOURDES HISTORY

The Lourdes site is one of the least examined, least explored and most significant active intelligence stations in the world. It was officially leased to the Russian Federation until 2001, in much the same way that British bases such as Diego Garcia are to the Americans. Parts of the base are operated notionally by the Cuban military (who, understandably are still deeply suspicious of the US). Until 2003, it was staffed by 1,000-1,500 Russians and there remains a Russian presence, but personnel numbers are unknown.

Lourdes, therefore gives intelligence theorists the clearest indication that whilst the official Cold War may have ended, intelligence operations continue unabated. Given that the USSR had SIGINT posts throughout their empire of client states, from North Korea to East Germany, it seems unlikely that they would so willingly abandon such a rich source of potential intelligence as Lourdes, situated just off the American coast.

An array of ten antennae dishes still face America from Lourdes, reading radio, telecoms, Internet and undersea cable traffic, and since



Antonov 124-100 in formation with two Sukhoi Su-27s of the Falcons flying team of Russia (2010 Moscow Victory Day Parade)

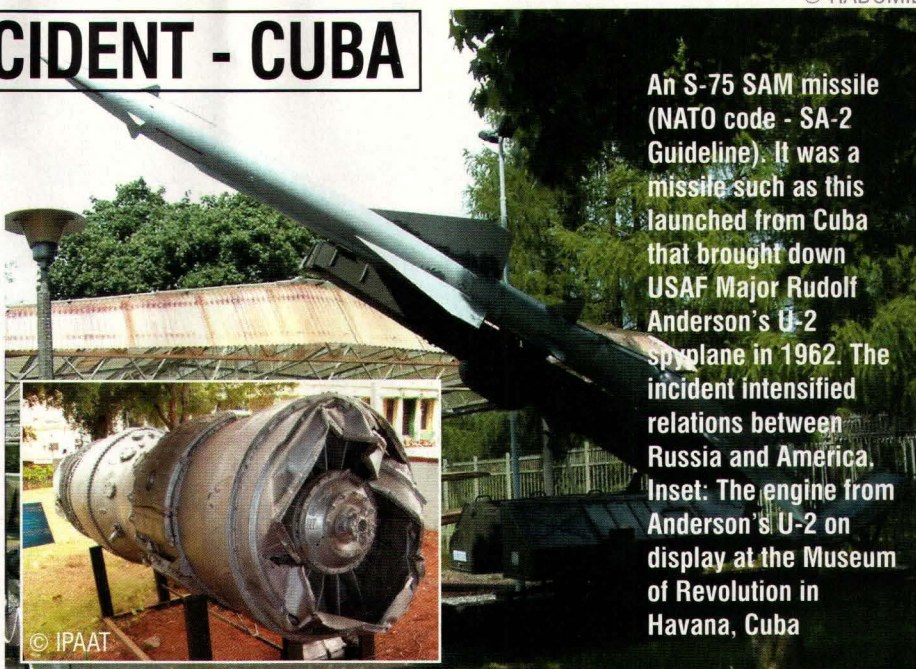
© SERGEY KUSTOV



THE 1962 U-2 INCIDENT - CUBA

Rudolf Anderson was the first recipient of the US Air Force Cross

COURTESY: DOD/USAF/CIA



An S-75 SAM missile (NATO code - SA-2 Guideline). It was a missile such as this launched from Cuba that brought down USAF Major Rudolf Anderson's U-2 spyplane in 1962. The incident intensified relations between Russia and America. Inset: The engine from Anderson's U-2 on display at the Museum of Revolution in Havana, Cuba

2001 the site has taken on a special significance, as Cuba's strategic value to the US increased, with the opening of the Guantanamo Bay Detention Centre. It has been speculated in recent years that Lourdes had the capability to eavesdrop on the White House and military sites on the eastern seaboard of America, and even on Wall Street. Since the 1980s, economic espionage has become a major aspect of Russia's SIGINT operations.

Lourdes itself is an important site of electronic warfare. As well as the interception of SIGINT from the United States, Cuba's Dirección de Inteligencia (DI) can create electronic warfare attacks on the various defences of the America's computer systems and networks. The exact capabilities of the DI in respect of electronic warfare are unknown, but it is possible that they possess the following methods of attack.

The most commonly manifested offensive system is one that creates an interruption: The US has seen an upsurge in cyber attacks like this in the past decade, attacks which have led to actual hardware being damaged or destroyed

through viruses and malware, the majority of attacks are thought to have emanated from China (which in 1999, also built a facility near Bejucal) so Cuba is really shaping up as the "prime suspect" in the majority of cyber intrusions in America.

A more common problem facing Washington, potentially from Lourdes, is the issue of intrusion. Whilst there have been a number of high profile and embarrassing "hacks" into US national security mainframes in the past decade (for example the case of Briton Gary Mackinnon), the actual number of intrusions is thought to be far higher, and the USA has worked hard, after 9/11, to strengthen itself against cyber attack.

The mistrust between East and West in the past decade has left Lourdes still open for business, though it seems more likely that the Cuban DI will take a far more proactive role in running the facility. Any "friendly" concessions that the Russians are prepared to make would more than likely be cosmetic, abandoning or closing such a useful intelligence asset like Lourdes is a step that no intelligence agency would willingly take.

If Lourdes is operated exclusively by Cuba today, it must not be far from the minds of US intelligence chiefs that the information gathered is more than likely making its way to the Russian Federation.

But the "joker in the pack" is again China. Following a number of telecommunications trade agreements, US Intelligence has warned that its Beijing counterpart, once rumoured to have taken over part of Russia's Lourdes site, may itself have enhanced its powerful spy base at Bejucal near Santiago de Cuba.

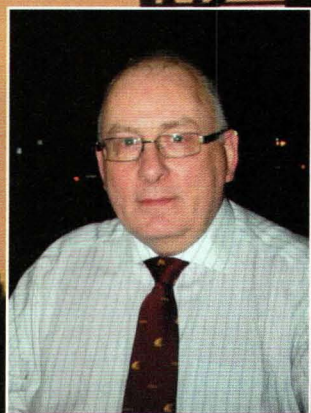
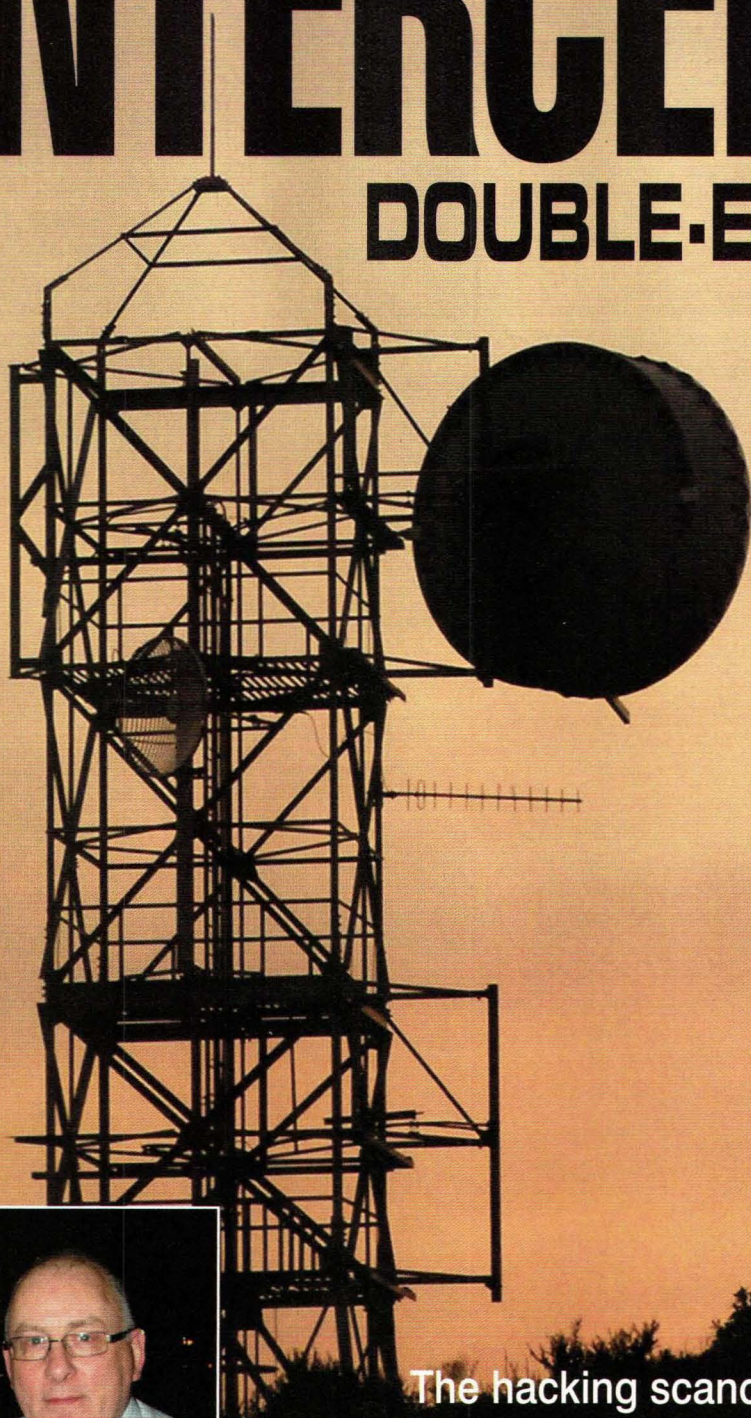
University of Information Science now occupies part of the Lourdes site



the "joker in the pack" is again China...

CELL PHONE TRACKING AND INTERCEPTION

DOUBLE-EDGED SWORD



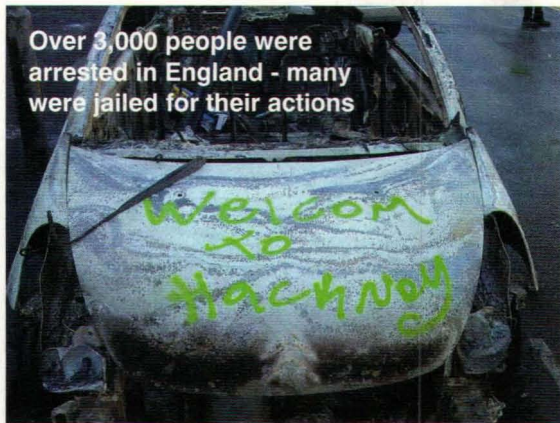
BY PAUL BEAUMONT

The interception of private cell phone calls ultimately resulted in the closure of Britain's most popular Sunday tabloid - the *News of the World*. An ongoing parliamentary investigation has also been sullied with an economy of truth. Hacking is not state of the art and can be easily performed by ordinary mortals once the target phone number has been acquired; the way to protect your mail is also simple, by changing the factory-set PIN that offers little protection, since they vary between 0000 and 1234.

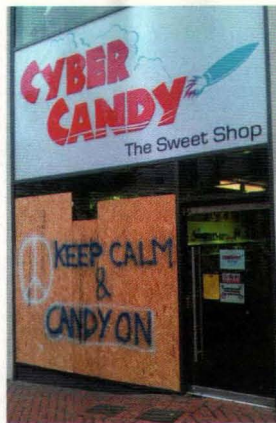
In respect of the recent riots in England, police have lots to ponder. Little wonder events caused the authorities to look again and examine cell phone interception. Also under investigation is how to decode hundreds of messages passed between the perpetrators. Not an easy task because the security services rely on digital processing. Interception and decoding requires professional assistance to obtain intelligence at best and an insight into the next target at worst. With such information at hand, the police would have been able to be in the right place at the right time.

When the cell or mobile phone first came to Britain it wasn't too difficult to intercept calls. The system was analogue in nature and scanning receivers capable of covering the base station frequencies were easily available. Even those receivers not expected to

The hacking scandal and recent riots in the UK have once again ignited interest in the power of cell phones. Eye Spy examines the security facts behind this and other communication platforms. Still think your call and location are secure? Then digest the contents of this revealing feature...



Over 3,000 people were arrested in England - many were jailed for their actions



cover much higher than 550MHz could intercept the very strong analogue signal due to the lack of specific band filtering in the first stages of the device. It was possible to track the device from one cell to another as it switched to a different frequency and the cells around the phone voted for the signal and then seamlessly 'handed over' the call in microseconds.

Remember the so-called *Squidgygate Tapes*? They were a product of Cyril Reenan and Jane Norgrove that allegedly allowed a private conversation of Princess Diana to be heard by the masses. Chances are they were a fake. I examined the recordings and certain tones were not in the right places, nor were some of the tone durations at the correct length.

Before cell phones were marketed, British Telecommunications System 4 was a car-mounted product that used signals in the high VHF bands which were also easily intercepted; footballers, celebrities and certain politicians could be heard on radios easily purchased from a wide range of suppliers and all featuring the Weather Band [WB] used in the United States to warn of a forthcoming disaster.

Cell phone digital transmissions can be listened to but not with the ease the casual listener enjoyed with analogue calls. Official agencies will have the means for this and followed up by a legal request from

officials, network suppliers can be made to turn over all records to show call traffic details and the geography of the cells used etc. that also allows the caller to be tracked.

Homeland Security Strategies GB Limited (see LINKS) produce such a device; the CC2800 cellular intercept system. Far from being an unsophisticated device as a scanner once was, this unit will allow its users to monitor 6, 16, 48 or 128 channels of live audio simultaneously. The product is limited to legal users.



THE POWER OF BLACKBERRY

Whilst intercepts of cellular, text and voice messages are very time sensitive, many people involved in the England riots used Blackberry phones. Besides usual facilities supported by the cell phone, Blackberry has its own messaging system, known as BBM. Whilst single contacts can be maintained in a text-like state, Groups can also be formed complete with particular group names, avatar or peculiar 2D barcode. BBM is different because whatever phone BBM is being called up on, it accesses Blackberry's own servers to pass and receive messages to individuals and groups alike. Messages are encrypted and cannot be intercepted according to the rioters' rumour machine; with this in mind the participants sent many messages to contacts and Groups informing other users of targets and police responses and movements.

The government reacted by placing 16,500 officers on to London's streets to deal with the disorder. Their actions were intelligence-led and even a scheduled mob attack on the 2012 Olympic stadium and its surrounds was prevented. That intelligence agencies such as MI5 and GCHQ have been involved in decoding messages and providing intelligence to the police is hardly surprising.

Police from various parts of the country were drafted into London to help stop the rioting. These vans are from Wales





NETWORKS AND CELL PHONE SECURITY

News concerning the possible switching off of Blackberry servers caused some discussion in Parliament as well as amongst the legal staff of the company itself. When London was bombed in July 2005, the same cell phone networks and other systems were rumoured to have been disabled allowing for priority calls only. I believe capacity overload actually caused the limitations. A total shut down considered during the height of the riots was not authorised; to have done so would have denied sketchy intelligence that was being worked on. A much simpler solution emerged as perpetrators continued to be arrested.

On entry to a custody suite a suspect was searched and his property listed on the charge sheet and bagged up with a reference number. It became obvious to officers, including some who used Blackberry phones, that BBM groups could be listened to on the suspect's phone, providing desperately needed intelligence. This is why the latest generation of Police Personal Radios used on the Airwave system, like other systems can be 'stunned' as soon as they are reported lost or stolen. They can also be left open for other reasons.

Technically, whilst the BBM servers are encrypted the actual handsets use the chosen network to access these servers and to send their messages to Groups or individuals.

While the Groups have particular names and icons, some including

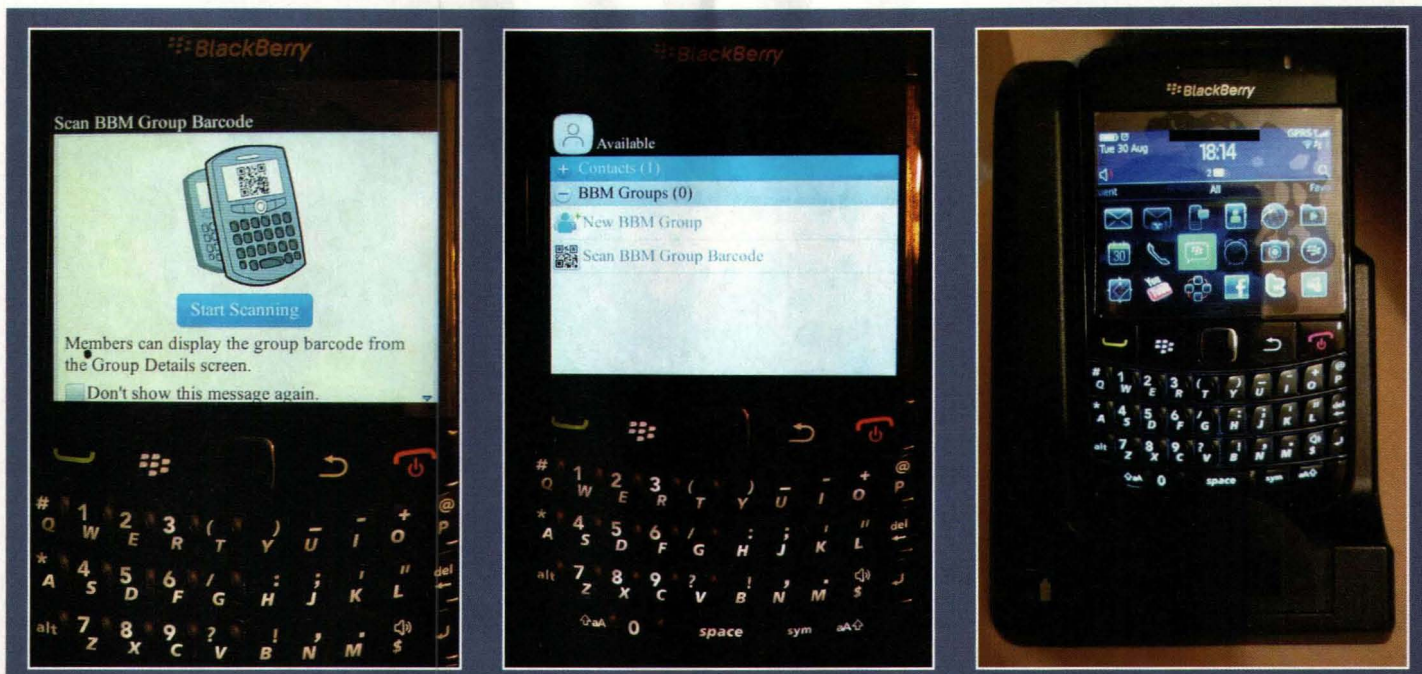
a barcode, individuals will adopt custom names. Irrespective of the name or ID the details of the phone used, its location and other details will be passed every time a BBM is sent or received allowing the identification of the phone and feasibly the user as well.

Every cell phone has a peculiar IMEI number [International Mobile Equipment Identity number]; users can call this to the screen of their cell phone by pressing the *#06# sequence. Once you have the IMEI number further details can be ascertained on-line - and this powerful tool is available to all; just think what the professionals can do with that information!

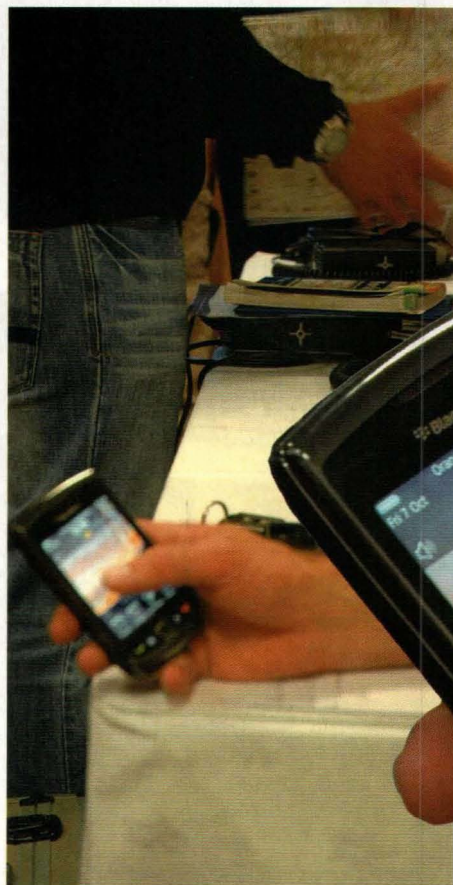
TRACING USERS ACCURATELY

Not only can calls, messages and suchlike be intercepted by GCHQ and other suitably equipped agencies, but the position of the user can be accurately determined. Once a cell phone is switched on, base cell sites start to 'vote' for its signal. The way they vote is based





on signal strength, current cell area covered throughput and the availability of nearby cell sites for handover. In all these operations, which occur in milliseconds and are indeterminable by the user, a record is kept that is available to those with a necessary warrant. If cell phone users' movements are traceable, when they are static they can be pinpointed. So apart from live time monitoring of BBM, *Twitter* or whatever medium the user favours there is also the excellent intelligence asset of movement tracking that accurately places the user in a specific area. This allows police to trace the operator with unerring accuracy. Two high profile murder cases have been solved using cell phone tracking and the arrest of a wanted international criminal as he



INTERNATIONAL numbering plans

Analysis of IMEI numbers
All mobile phones are assigned a unique 15 digit IMEI code upon production. Below you can check all known information regarding manufacturer, model type, and country of approval of a handset.
Tip! The IMEI can be displayed on most mobile handsets by dialling *#06#. Otherwise check the compliance plate under the battery.

Enter IMEI number below
Example: 350077-82-123789-2

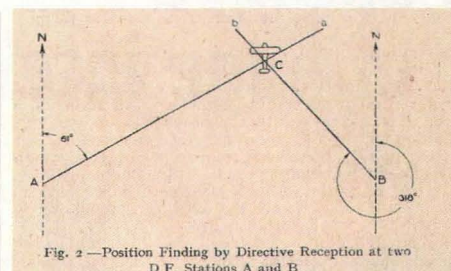
Information on IMEI	
Type Allocation Holder	RIM
Mobile Equipment Type	RIM BlackBerry Bold 9780 Onyx
GSN Implementation Phase	2/2+
IMEI Validity Assessment	Very likely

Information on range assignment	
Est. Date of Range Issuance	Around Q4 2010
Reporting Body	British Approvals Board of Telecommunications (BABT)
Primary Market	Europe
Legal Basis for Allocation	EU R&TTE Directive

Information on number format	
Full IMEI Presentation	35
Reporting Body Identifier	25618604
Type Allocation Code	854331
Serial Number	5
Check Digit	5

used his phone in a Spanish restaurant. One person who was not traced via this method was Osama bin-Laden, who was "technology canny" and banned the use of cellular and satellite phones at his home.

The process of RDF or Radio Direction Finding, as practised since radio became a commercial activity, where lines drawn on a map of three distinct bearings gave a 'cocked hat response'



and where the detected transmitter was located within its boundaries (see above graphic). Far from being an onerous manual task with screened loop antennae it is now a precise and accurate electronic process that gives a high proportion of success with a small margin of error thanks to advances in computing.

In addition to the available pinpointing of users Blackberry and other social messaging suppliers have agreed to cooperate with the authorities regarding the riots and in the future. Hopefully actual messages will be disclosed with further traffic analysis to prove crime.

One might think, understandably, given the complexity of locating persons by their cell phone is the limit of the cellular phone exploitation, but you'd be wrong.

LINKS: www.cellularintercept.com

PENTAGON HEARING:

ARTICLE 32

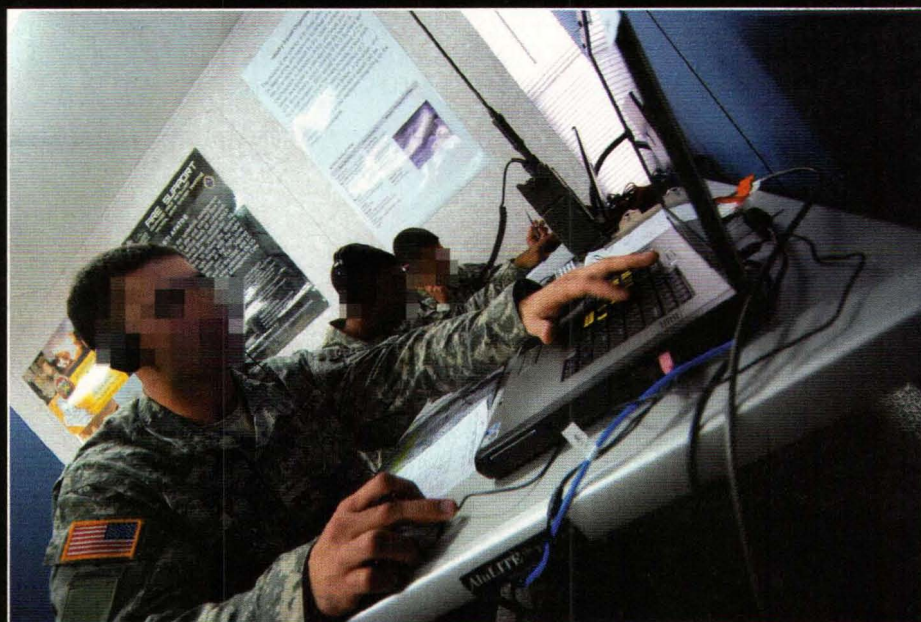
LEAKING CABLES AND INTEL

Pentagon cyber experts present evidence of huge intelligence drain to WikiLeaks

A military hearing (Article 32) involving intelligence analyst Bradley Manning and the alleged distribution of over 100,000 US intelligence documents has begun at Fort Meade, Maryland. Earlier in 2011, documents from various government agencies and the State Department, some film evidence and intel estimates were sent to the WikiLeaks web site which duly streamed the material and Cables. Many newspapers chose

to feature selected files which undoubtedly caused concern at the Pentagon and elsewhere. However, more damaging were reports that identified certain locations where military operations and intelligence gathering was ongoing. It almost certainly led to the exposure of some Afghanistan contact men who were cooperating with the security services. All the files were reportedly stored on SIPRNet (Secret Internet Protocol Router Network), which until recently could be accessed by over two million US Government users, making it an obvious security concern.

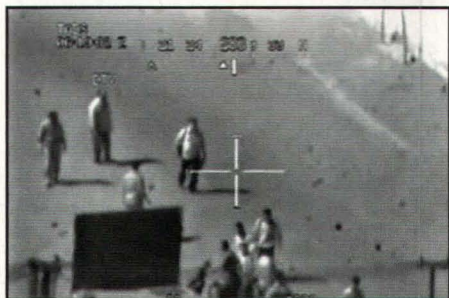
Months prior to WikiLeaks receiving the material, US Intelligence had earlier sought to find the source of the leaks, and it didn't take long to identify a key suspect in the person of Bradley Manning, a young army intelligence analyst based in Iraq. The charges (22 in total) are incredibly serious, including aiding the enemy. The hearing is taking place to determine if Manning will face a court martial. If this happens, expect other charges, some that may be akin to espionage. The investigation will then probably be enlarged and involve at least one other individual.



FREE



BRADLEY MANNING



APACHE

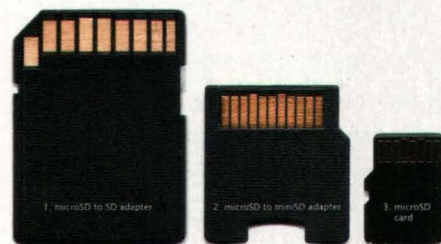
MILITARY ENGAGEMENT FILMED

THE CONTROVERSIAL SEQUENCE WHICH CAUSED A POLITICAL STORM

Film clips from an attack sequence dubbed 'Collateral Murder'. The action was reportedly carried out by US Apache AH-64's in Iraq in 2007. The crews of two helicopters were allegedly cleared for engagement. A number of civilians were killed and the footage and WikiLeaks edited in-flight commentary caused a storm in media and governmental circles. However, the crews believed the men were insurgents and data suggests strongly an AK-47 and RPG were visible. Nevertheless, human rights activists accused the US of attacking civilians in the manner of a "game" - something which the Pentagon strenuously denied. The clips somehow found their way into the hands of WikiLeaks and form part of the Article 32 hearing...

A military cyber investigator said thousands of documents were discovered on Manning's secondary computer. These ultimately turned up on WikiLeaks. Special Agent David Shaver of the Army's Criminal Investigation Command also revealed that software allowing a user to copy data to a writable CD was discovered. They found a computer programme called Wget that helps to transfer data quickly from one medium to another: and a Roxio programme - popular for burning CDs. Much of the evidence presented was done so in a move to secure a link between Bradley

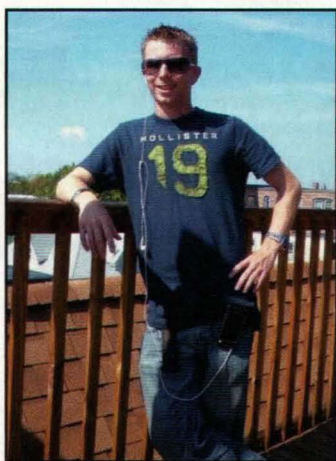
Manning, the Cables released on WikiLeaks, and the site's founder, Julian Assange. Shaver revealed that he discovered over 100,000 Cables on computers used by Manning and fellow analysts. He could not accurately determine if it was Manning alone who accessed them. He did however note that there was no evidence the files were forwarded to other parties by way of the Internet, which therefore points directly to the downloading/copying of the data onto a physical medium. And of course, this prompted counter-intelligence to dig deeper.



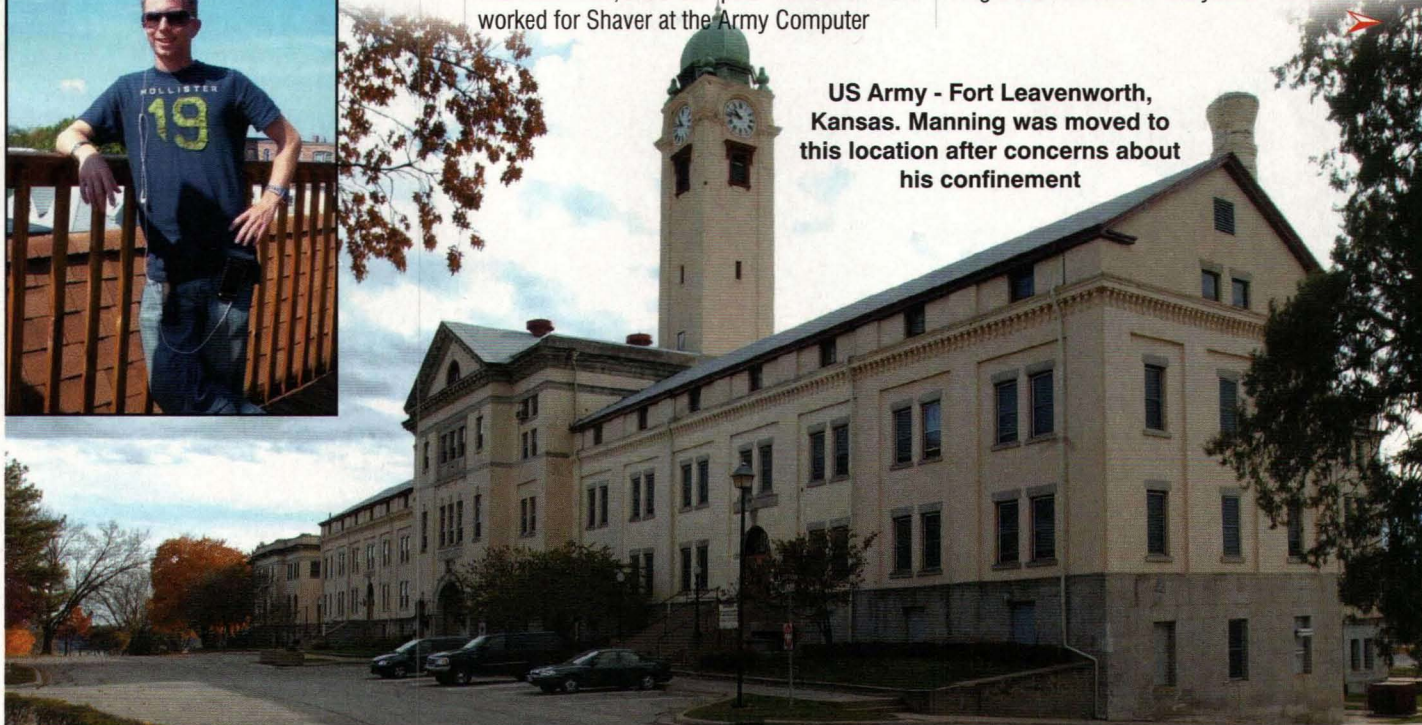
SD cards. Investigators discovered Cables - thousands of them from a card found in Manning's home

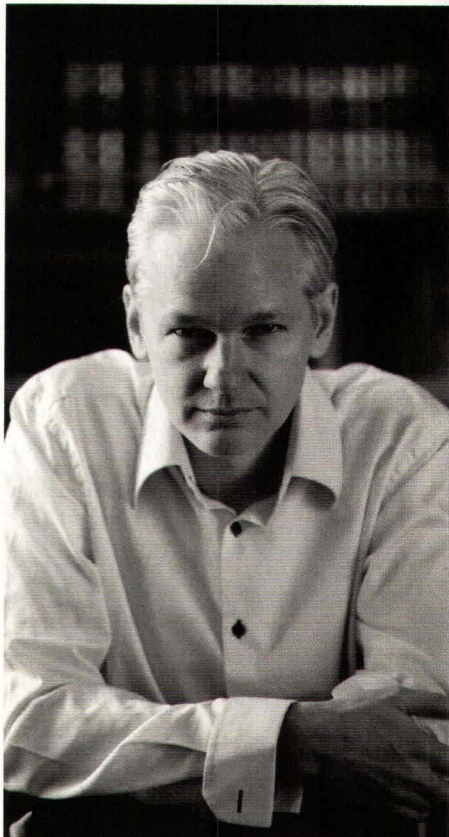
Crimes Investigative Unit, examined the Iraq-based machines and also material at Manning's aunt's home in Maryland. The soldier

Mark Johnson, a US computer contractor who worked for Shaver at the Army Computer



US Army - Fort Leavenworth, Kansas. Manning was moved to this location after concerns about his confinement





WikiLeaks founder Julian Assange was mentioned in papers presented at the hearing. Assange has never admitted who submitted the Cables, but US military prosecutors claimed to have found evidence in electronic communications linking Manning and Assange

often stayed here when he was not operational. Records show the property was listed as his home. In December 2010, Shaver and Johnson recovered an SD memory card from the address. Certain files had been deleted but these were retrieved by the cyber team. Other files had not been removed and soon all manner of astonishing material started to appear. For example, a Department of Defense folder containing 90,000 entries of day-to-day military happenings in Afghanistan, including major battles and important intelligence meetings between US military personnel and village elders and leaders. On the same SD card, Shaver said a folder of 400,000 similar entries this time from Iraq was found.

A case example of the vital importance and significance of what was contained on the SD card (this file was actually on the stick and not deleted and then recovered) was read out at the hearing:

"Items of historical significance for two wars. Iraq and Afghanistan Significant Activities (SIGACTS) between 0000 01 Jan 2004 and 2359 31 Dec 2009.

"Extracts from CSV Documents from Dept. of Def. DoD combined info from CIDNE (Combined Information Data Network Exchange) Database, these items have already been sanitized of any source identifying information.

"You might need to sit on the information for 90 to 180 days to figure out how to best send and distribute such a large amount of data to a large audience.



COURTESY: US ARMY

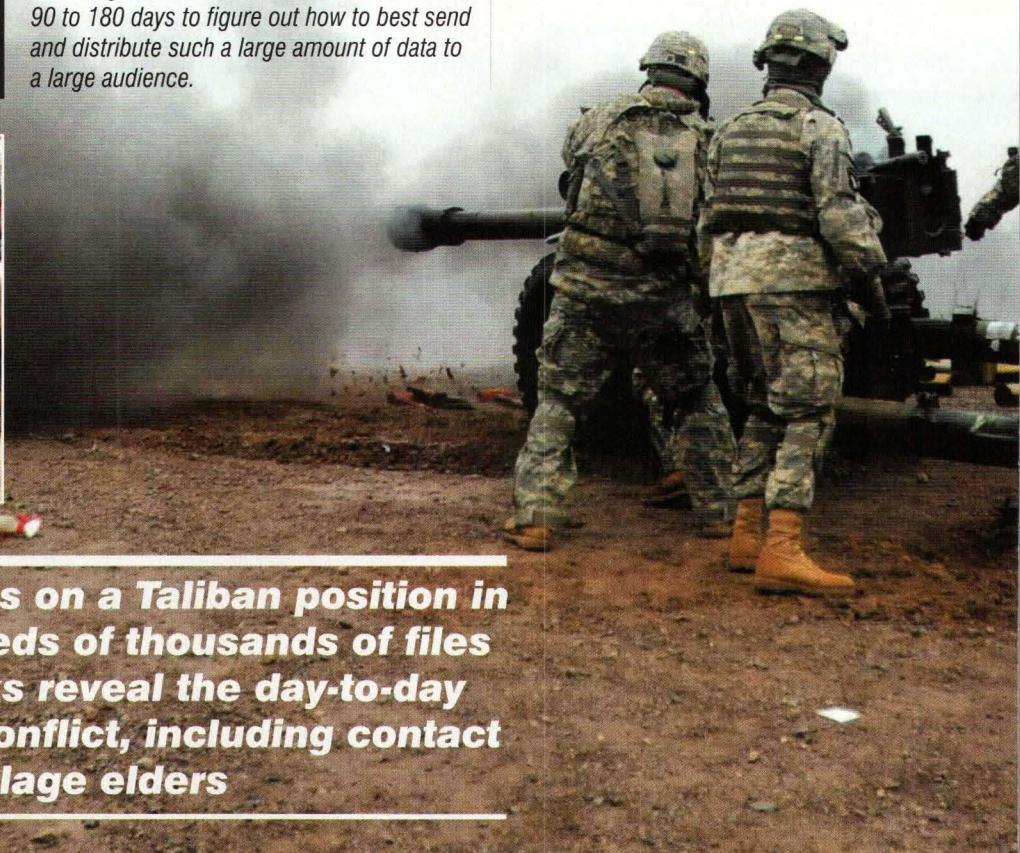
Happier days: US Army photograph of the young recruit Bradley Manning

"It is possibly one of the most significant documents of our time, removing the fog of war and revealing the nature of 21st century asymmetric warfare."

It's little wonder that such material was regarded as "manna from heaven" by WikiLeaks who duly went on to release the files. But investigators from the CIA, FBI and NSA, plus a host of US military intelligence analysts were now watching. It was discovered that some 500,000 documents released by WikiLeaks in two batches "matched the description of the documents on the SD card." From whence they came is the crucial issue



A US gun battery fires on a Taliban position in Afghanistan. Hundreds of thousands of files leaked to WikiLeaks reveal the day-to-day happenings of the conflict, including contact with village elders





A rally organised in support of Bradley Manning calling for his release

here, and the USIC (US Intelligence Community) believe Manning is the prime suspect.

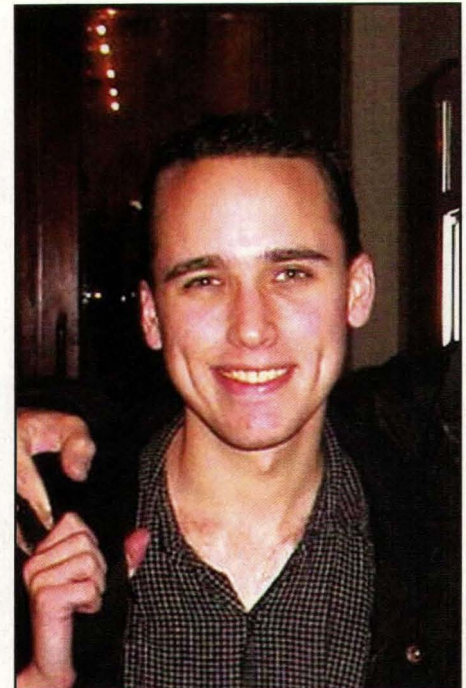
However, in court a spreadsheet on one of Manning's computers was detailed. It referred to 251,287 State Department Cables - exactly the same number of such files released by WikiLeaks.

Johnson said he had recovered an e-mail exchange between Manning and a person called Eric Schmiedl. This referred to a controversial piece of film footage uploaded by WikiLeaks which showed a US Apache gunship attacking a group of civilians. Johnson said Manning asked Schmiedl, "are you familiar with WikiLeaks," to which Schmiedl replied in the affirmative. Johnson then told the hearing that Manning replied: "I was the source of the 12 JUL 07 video from

the Apache Weapons Team which killed two journalists and injured two kids."

Johnson also provided a fascinating insight into how enormous the stakes are for several parties. Referring to a hard drive recovered from Manning's living quarters in Iraq, one e-mail read: "You can currently contact our investigations editor directly in Iceland." The message included a phone number and ended, "24 hours service; ask for Julian Assange."

Many intelligence sources have told Eye Spy the USIC is intent on establishing a definite link between Manning and Assange. Indeed, even before the hearing began, a solicitor for Manning tried to get the judge removed on the basis that he works for the Department of Justice which is pursuing a criminal case against the WikiLeaks founder. This challenge was dismissed. But prosecutors hit back.



Computer hacker, threat analyst and prime witness - Adrian Lamo spoke at the hearing and revealed the content and context of many communications he had with Manning

Evidence was presented that reportedly showed Manning had been liaising with Assange in an on-line chatroom using the alias 'Press Association'.

Several witnesses have already given evidence, including computer hackers and former associates of Manning. Eye Spy understands that numerous e-mails and the transcripts of "conversations" in Internet chat rooms will reveal even more damning evidence.

As for Manning, the hearing was told the troubled young trooper was struggling with "sexual orientation and gender identification issues."

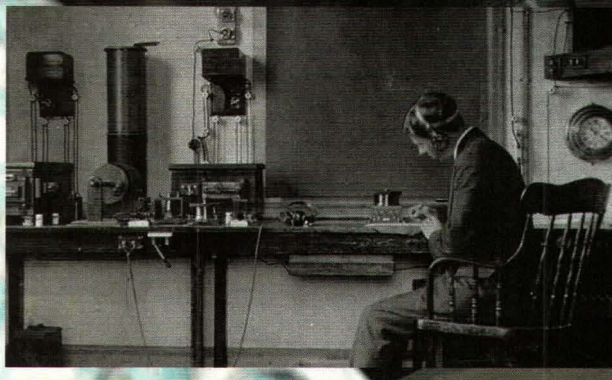


Manning protesters in Minnesota

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THE LISTENERS



**A revealing history of
exposed intelligence
radio communications**

Stagecoach, Eagle, Magpie and



Radio and communications authority Paul Beaumont examines awkward intelligence and security moments that reveal communications between services may not be as secure as some agencies believe or would wish for. A revealing overview of a network of enthusiasts known as 'The Listeners' that may include foreign spies and agents...

On 5 May 1980, muffled gunshots and breaking glass accompanied film footage of SAS personnel abseiling from the roof top of the Iranian Embassy in London. Operation Nimrod had begun in an effort to free dozens of hostages after terrorists had taken over the building. It was the first time live images of the dark-suited troops had flashed across television screens. Unbeknown to most people, the

operation was also being monitored elsewhere thanks to weaknesses in the police radio communication system. As the SAS sought to end to the siege, Alpha Control was in contact with police on a reserved channel, available also on the Storno police personal radio at the turn of a radio selector screw. The number of the now defunct channel was 65, later designated Channel 49.

Importantly, had the terrorists inside the embassy done their homework they too could have monitored police communications giving them an insight into events developing outside.

Two radio enthusiasts known to the author were also monitoring the incident. And despite

not being in close proximity, signal strength was excellent. One 'Listener' remarked, "arm chair copy old chap, BBC sound quality." And it was.

The man had turned his spare bedroom into a virtual operations room and a never ending supply of coffee ensured he stayed awake throughout the siege. Like many semi-professional monitors he taped everything - using a Ferrograph reel-to-reel tape recorder and a sound actuated switch to start and stop recordings. His Band 1 TV dipole (antenna) ensured good reception.

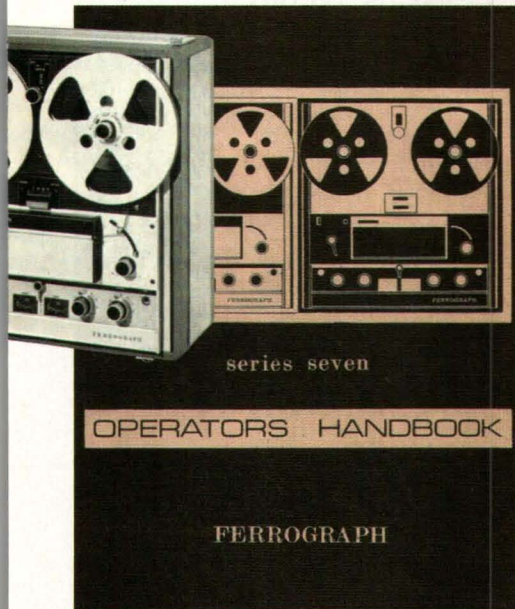
A year later the UK riots occurred. Those who possessed scanning radios were able to track



Iranian Embassy, London



COURTESY: RUSTY FIRMIN



the mobs and police units. Early scanning radio systems were advertised in professional and hobby electronics magazines: *'Listen in to a million lives tonight'* adverts proclaimed. Those who purchased these devices certainly did.

Timberwolf

The receivers allowed ordinary people to intercept live broadcast communications just like GCHQ - Britain's electronic and communications intelligence service; and you didn't need a qualification to operate its scanner either. Cell, cordless and car phones, baby alarms, emergency service broadcasts were all easily intercepted on frequencies that were previously only available to officialdom. Radio



Fig 1.

amateurs who modified television tuners could also listen in to more than just amateur radio transmissions.

Communication receivers for important frequencies were expensive and beyond reach of most people. Interestingly, the more expensive receiver had an output to allow a panoramic adaptor to be used to visually display signals being processed within the receiver's IF stage passband - as is the case with the author's receiver shown in Fig 1. (above).

This receiver is tuned to an Amateur Radio 2M Repeater, MH. In Fig 2. (above right) featuring an oscilloscope the other stations shown to be in the IF passband are Paging transmitters in the 137 and 153MHz range and lie either side of the monitored frequency. Such a system allows "interesting frequencies" to be easily located and monitored. This quite naturally caused concern in security circles.

A new police radio infrastructure was established and channel numbers changed. Also dropped were VHF personal radios (PR), trunked UHF was now the order of the day. And instead of just one channel each police station was allotted a number of channels within a talkgroup. Once communication was estab-

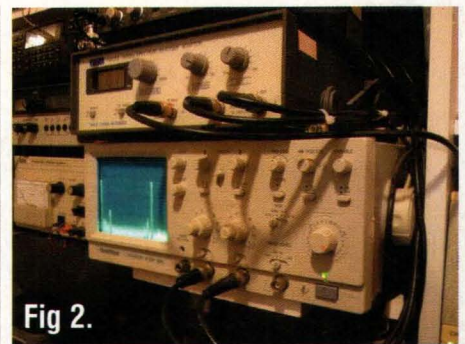


Fig 2.

lished between station and a patrol, a frequency change occurred routinely.

A timely workshop showing these new PRs just before they were issued was held at the Metropolitan Police hosted MPS Technology Fair.



SCANNING FOR DIAMONDS

Manufacturers of the system claimed interception of messages would be impossible: a delegate asked about the possibility of interception by a scanning receiver and was told that a minimum of eleven receivers running together would be required to receive messages - and these would be intelligible. However, recognition of selected channels and a little programming was all that was required. Radio specialists considered the system was almost as vulnerable as the one it replaced, a point not missed by a group of hobbyists devoted to finding new frequencies and generating working lists.

The group's leader featured in newspapers and on television showing just what he was capable of. His "work" naturally interested detectives at

THE FLYING SQUAD'S OPERATION MAGICIAN



The 2000 Millennium Dome diamond heist would have represented the world's biggest robbery. The thieves target was a De Beers diamond collection valued at over £350 million. The London gang had established a radio post but despite a meticulously planned operation, they were actually listening to the wrong police radio channels...



New Scotland Yard. This was because he allegedly seemed very adept at intercepting communications from the Royal Household (at various venues) and making public details of the sender, frequency, and message content.

Not surprisingly criminals soon started carrying scanning receivers along with their usual trade tools. Intelligence gleaned from police broadcasts was considered invaluable and many villains believed it would help them evade capture. As more and more scanner-carrying criminals were arrested there was some confusion in respect of the charge; eventually a short feature in *Police Review* (26 February 1993) suggested that the S25 Theft Act 1968 would suffice: "Going equipped to steal."

On a much grander scale a professional crime gang set up a radio listening post in London prior to mounting a daring attempt to relieve De Beers of its priceless Millennium Star diamonds. The flawless gems were being exhibited in 2000 at the Millennium Dome, Greenwich. Besides being oblivious to a covert New Scotland Yard surveillance unit watching the plot develop, the gang were listening to the

wrong police frequencies and received no indication of the undercover police operation. And in any case, the radios used by the police in this case were heavily encrypted to ensure any interception would be useless.

LISTENING TO MI5

MI5 too once suffered interceptions; a group of radio amateurs intercepted the Service's A4 surveillance communications as officers went about their business of monitoring Russian diplomats and buildings. The group even intercepted communications from officers of the government's Department of Trade and Industry (DTI). Ironically these officials were accompanying police who had come to arrest them. A lucky break for the DTI came when the illicit listeners broke off their activities to take early morning tea. This meant the command to enter their premises was never heard!

Massive fines were imposed and the group's radio equipment confiscated. As a result of this particular case MI5 changed its working frequencies and methods.

The £200 million Millennium Star



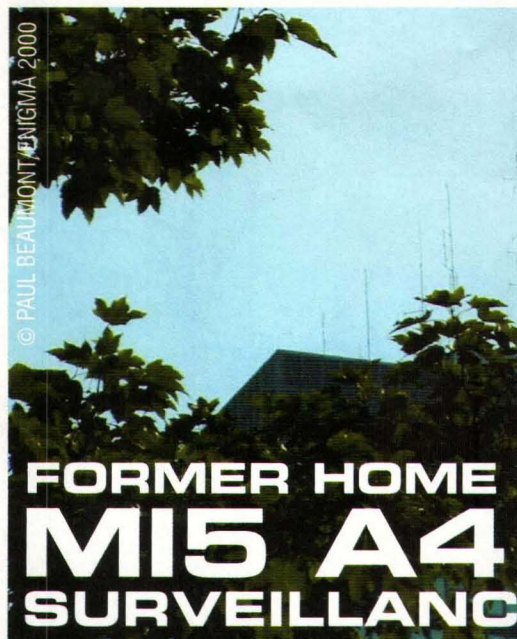
COURTESY: NEW SCOTLAND YARD

Before this event the original frequency was in the middle of the popular VHF band 88-108MHz and just up the dial from LBC97.3. MI5 watchers' frequencies were therefore available to all who searched. This might account for the shorter antennae erected above

16 Kensington Palace Gardens, London. This frequency change was documented by the late MI5 officer Peter Wright in his headline catching book - *Spycatcher*. One of the building's residents was Evgeni 'Eugene' Ivanov (right), a GRU officer operating under cover as Assistant Naval Attaché. He was the lover of London socialite girl Christine Keeler who also happened to be dating John Profumo, UK Secretary of State for War at the time.



The Kensington building sported many antennae capable of serving equipment across the entire shortwave spectrum and well into the ultra high frequency range as well as a SE pointing satellite dish mounted clandestinely in the garden. At the time of the surveillance,





CODE-NAMES ON THE AIRWAVES

Ronald Reagan - 'Rawhide'...
George Bush Sr. - 'Timberwolf'

Communication links between the US Embassy and its London officials were recorded exposing code-names such as 'Stagecoach' and 'Eagle'



EUSTON TOWER

© SNAPPERJACK OF LONDON



MI5's A4 division had offices located on the 16th floor of Euston Tower. The roof sported some rather specialist antennae as well.

SYSTEM 4

In recent months the UK has been awash with stories about journalists hacking cell phones. Yet before this some in the media had been connected to incidents involving scanning receivers: perhaps the most famous affair is better known as - 'Squidgygate'. This involved the alleged illegal interception of Princess Diana's personal phone calls. The event occurred in a period which also saw the cell phone move from analogue to digital.

Other notable cases occurred, including the arrival of prospective legal counsel who turned

up at a celebrity arrest or the arrival of paparazzi at a private event to photograph and interview celebrities.

Prior to the boom of the cell phone, the car mounted System 4 emerged. Many security analysts believed it was as "wide open as the police radio system." Politicians, business officials and celebrities would discuss private matters unaware that they were inadvertently "feeding" certain industrious and technologically aware news writers.

STAGECOACH AND EAGLE

The official United States VIP car network also had its radio signals intercepted when it operated from the American Embassy in Grosvenor Square, London... this as 'Stagecoach' talked with its 'Eagle.'

Similarly, UK Customs and Excise plainclothes operatives could be heard surveilling drug suspects as they travelled across London; the call sign series for these officers was the very apt 'Magpie.' And still remaining on the secret side of radio interception, the call signs 'Proton Control' and 'Glassjar' were heard and logged. The listeners eventually discovered these designations were Special Branch Surveillance control desks.

Nothing, it seemed was secret and there was genuine concern within the intelligence, police and diplomatic community. ➤



Princess Diana

© NICK PARFIJONOV

WATCHERS

Armed police officer outside Downing Street - radio communications have become much more secure in recent years though still not 100% foolproof



© EYE SPY INTELLIGENCE MAGAZINE

point that an interesting news story written by Mike Graham in New York, appeared in *The Sunday Times* of 14 October 1990. Titled *'Americans Get The Snooping Bug'*, the article opened with a cartoon showing someone wearing headphones sat in front of a radio turning to his wife and saying, "I can hear the neighbours eavesdropping on us."

According to Graham it wasn't just police and the utility services being listened to. Even the then president's secret coded 'Timberwolf' communications were being readily intercepted. Before George Bush Sr. it was Ronald Reagan; his code-name 'Rawhide' was soon exposed and private calls intercepted.

Mike Graham wrote: "Having a cordless phone is like walking into a crowded theatre and yelling out all your personal and intimate details, and believe me there is an audience out there just dying to hear about them."

NEW TECHNOLOGIES

With the passage of time the cordless phone and baby alarm became digital. Without some serious reconfiguration and hard work these signals cannot produce an understandable signal for the casual listener.

In Britain, emergency services' communications have moved to the encrypted Airwave; these signals are virtually unbreakable. As for the scanning receiver, there will never be a system capable of copying the Airwave transmissions and producing understandable audio.

The current situation in the United States is somewhat different. Whilst the low level stuff is now digitised the police in particular are still a

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little en clair. To make matters worse smartphone Apps now exist that allow interested parties to stream police and fire audio via the Smartphone and all for a cost of just 99c (60p).

This type of "snooping" has led some US police departments to fully encrypt communications. In Washington, criminals were found to be utilising one of a number of Smartphone Apps that allow police interception. Like British villains before them, this meant they could take advantage of some seriously useful forward radio intelligence.

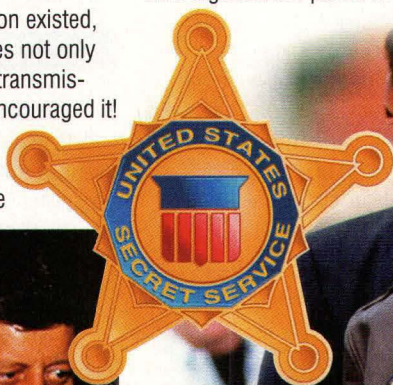
The US police move to encryption has also occurred in Orange County Florida as well as Garden City Kansas where police chiefs have become very guarded of transmissions.

Whilst the encryption model used in the UK is unbreakable (by the casual listener using a scanning radio), some American police forces

TIMBERWOLF AND RAWHIDE

Across the Atlantic a similar situation existed, but with one exception. Some States not only allowed for the reception of police transmissions by the public, they actually encouraged it!

The US Federal Government was also aware of such openness to the



President J. F. Kennedy - 'Lancer' pictured with First Lady Jacqueline Kennedy - 'Lace'

President Clinton - Secret Service code-name - 'Eagle'

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**US-UK
(Secret Service/NSA)
security motorcade, London**

have moved to a system called ACPQ P25 or Project 25. This presents some problems for interception by standard scanning receivers, but for a reasonably new generation of scanners which are digitally enabled to track ACPQ P25 systems, it's business as usual for those who should not be listening.

Custom made programmes can also be configured to track such transmissions and with a little modification, ordinary scanners can be controlled by the programme to track the frequency change. It's worth noting that a suggestion from officials in Washington states

that channels for vice and narcotics should be continually encrypted, but it is also known that despite encryption being used, the police maintain updates to the public via Facebook and Twitter and e-mails.

The latest official transmission dedicated scanning receiver is slightly bigger than a pager unit, slips on your belt if you desire and tunes across police departments in the entire United States and Canada (monitoring).

Home Patrol 1 requires only a post code (US or Canada) to present a menu of intercept

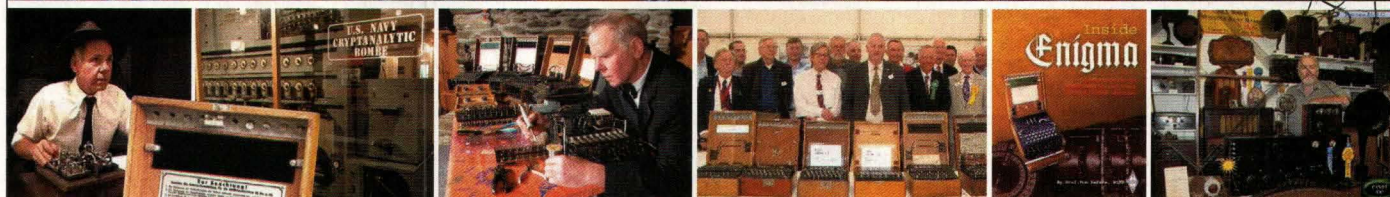
opportunities of police, health, weather and other utilities and all supported by ongoing software development. For just \$485.00 (£350.00) all this intelligence is yours and for that price it also deals with ACPQ P25 standard as well as many others.

With monitoring made so easy, it must have implications for those charged with countering terrorism or criminality. The perpetrators might be radio interception clever and use immediate and post-event radio intelligence to their advantage for further illegal acts.

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

MIND CONTROL PRINCIPLES IN THE INTELLIGENCE CYCLE WORD STRATEGY



From previous articles we know that for the purpose of mind control, both the mind and physiology of an individual can be intentionally altered. In early research this was (and still is) achieved through drugs and hypnosis. Later scientific discoveries led to the use of frequencies, electro-magnetic fields and other wavelengths of the electromagnetic spectrum. This science and technology can imprint words and emotions into the brain and alter physiological conditions, for example through affecting the calcium ion. Using advanced transmission the signals that caused mind control effects can now be directed from great distances. In this article we will look at the less obvious part of this process, which relates to the actual information itself, it is more subliminal, but also plays an important role.

If we think of all the advanced technology used in mind control science, then as an analogy, compare this to a single computer, it would be no use without a programme to run it. For example, just firing a few words into someone's brain is like banging a post in the middle of a field in the hope a rabbit may run into it and knock itself out. Placing information into the brain is a multifaceted process, but where words have a role, the study of memetics has an important part to play. However, first we need to look at the formation of such a programme from the very beginning.

Using advanced transmission the signals that cause mind control effects can now be directed from great distances. In this article MIKE FINN looks at the less obvious part of this process which relates to the actual information itself...

Memetics relates to the use of words which affect not only an individual, but in the same way a virus spreads, is able to affect others through transmission. For example think of a group out for a late evening, one of the group yawns intensely, then inexplicably others in the group also begin to yawn, some may even begin to feel tired. The sound and action of the one has been transmitted to others. Before we get too involved with this concept, we must first examine the foundation of our life conditioning, which will give us the key to understanding our vulnerability in the face of memetic strategy.

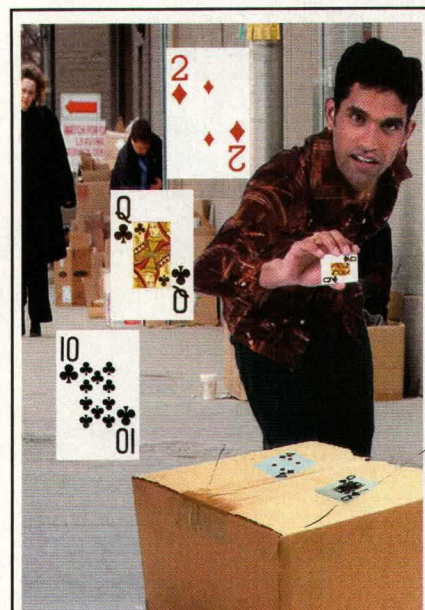
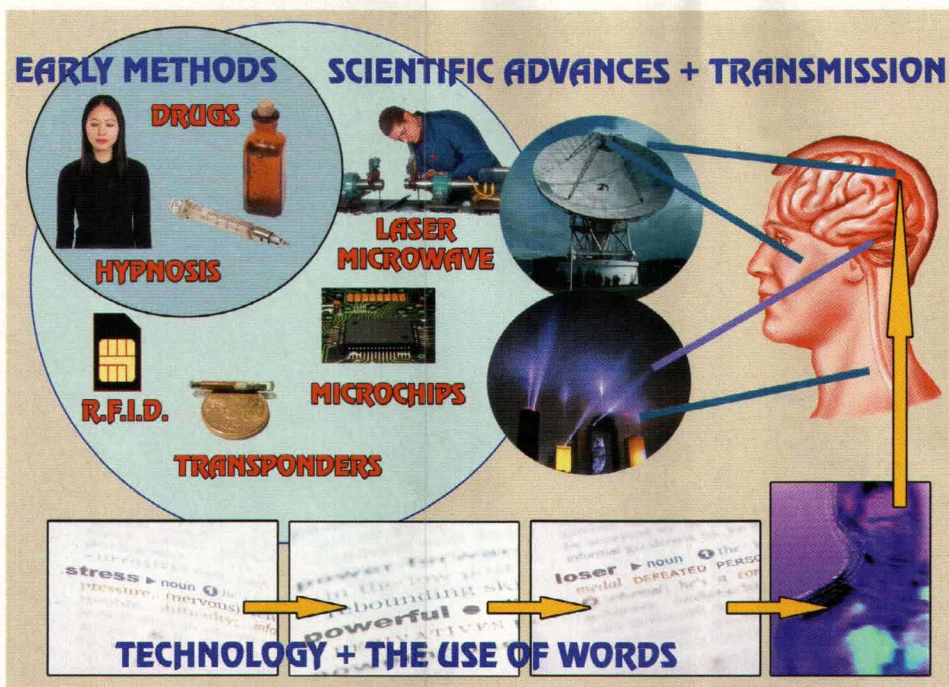
Life conditioning is a term used to describe the things that influence our decision making, form our character, and create who we are as individuals. As children, our parents explain and demonstrate how we should brush our teeth, use the toilet etc. Slowly we learn by example to use a knife and fork, then one day it becomes second

nature. At school we are influenced by the interaction of teachers and classmates. Many of our pre-conceived ideas come from what and how we have been taught. Classmate interaction may mean harmlessly being in a drama club, or conversely, enticed into a street gang, and all this interplay is part of our life conditioning.

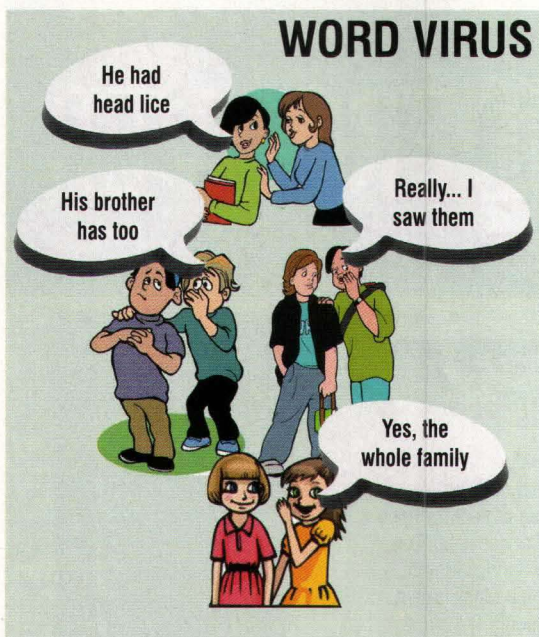
Some of the primary areas that can be influenced simply by word triggers, are the introduction of conflict, right and wrong decision making, reward and punishment, image and hero worship, confidence or self-consciousness, prejudice, self worth, greed, sex, peer pressure and so forth. Each of these vulnerable areas can be quantified within our life experiences in terms of values, customs, habits, beliefs, social and moral standards.

A classic example of how individuals respond to, and are influenced by deliberate stimuli that





The three card trick (Find the Lady) was a street game where three cards were shuffled and laid face down. A watching person is then invited to point to what he or she believes is the queen and place a bet. An accomplice enticed the player who has no chance of winning



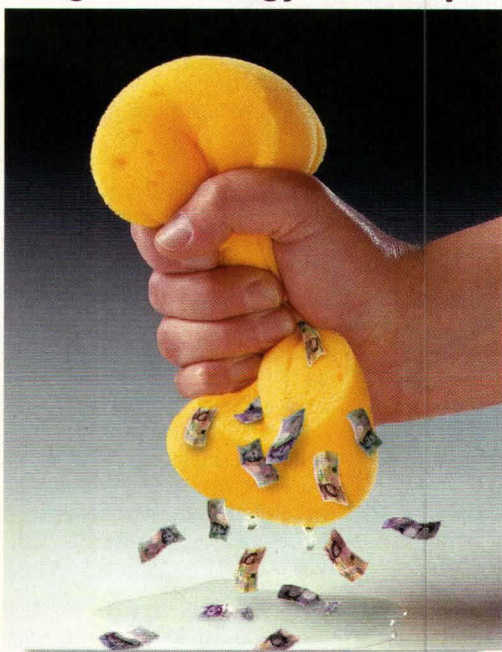
relates to words and visual image, concerns children. In the news recently there has been anxiety over children's self-image, fashion, slimming, and their self esteem relating to obesity and appearance. This self conscious attitude that eats into a child's self-image has been attributed to advertising that, with the airbrushed photos of perfect people, immaculate clothing, and subtle words and music, conveys fantasy in the form of reality, creating such a powerful mental impressions that it becomes their reality.

A few well chosen words under the right conditions is a powerful weapon. This is the cornerstone of recruiting for many cults, it is a substructure of advertising, vital in economics, embedded in politics, and throughout society.

This now brings us to the expression "memetics" a term which has been around

since 1976, and relates to a process involving the use of specific words in a particular way. For example, to alter peoples thought patterns and in turn their beliefs and cultural perspectives. As I mentioned previously, the use of memetic strategy is like creating a virulent virus, which travels from person to person, infecting each with a pre-conditioned effect. Organisations such as DARPA (Defense Advanced Research Projects Agency) are now taking this study seriously, projects such as the Social Media in Strategic Communication (SMISC) were an early initiative into this subject.

Image technology has the power to effect the way in which a person sees the world

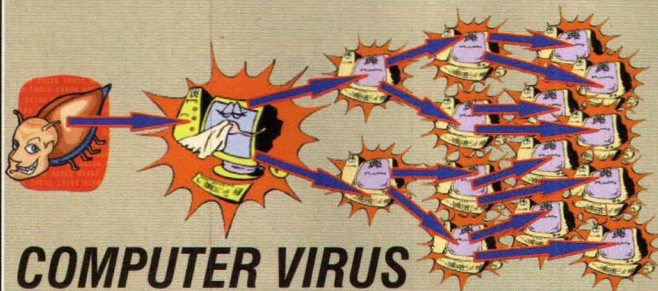
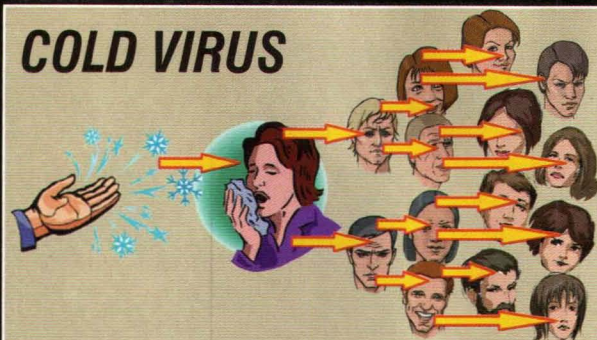


ART OF ILLUSION

Using modern technology all manner of impossible situations can be created and this is often noted by youngsters, especially when they consider their own size and appearance against some of their peers in media literature or on television. The realistic effect of the money-squeezed sponge would have been impossible to reproduce using the tools of the touch-up artist just a few decades ago (right)...



COLD VIRUS



COMPUTER VIRUS

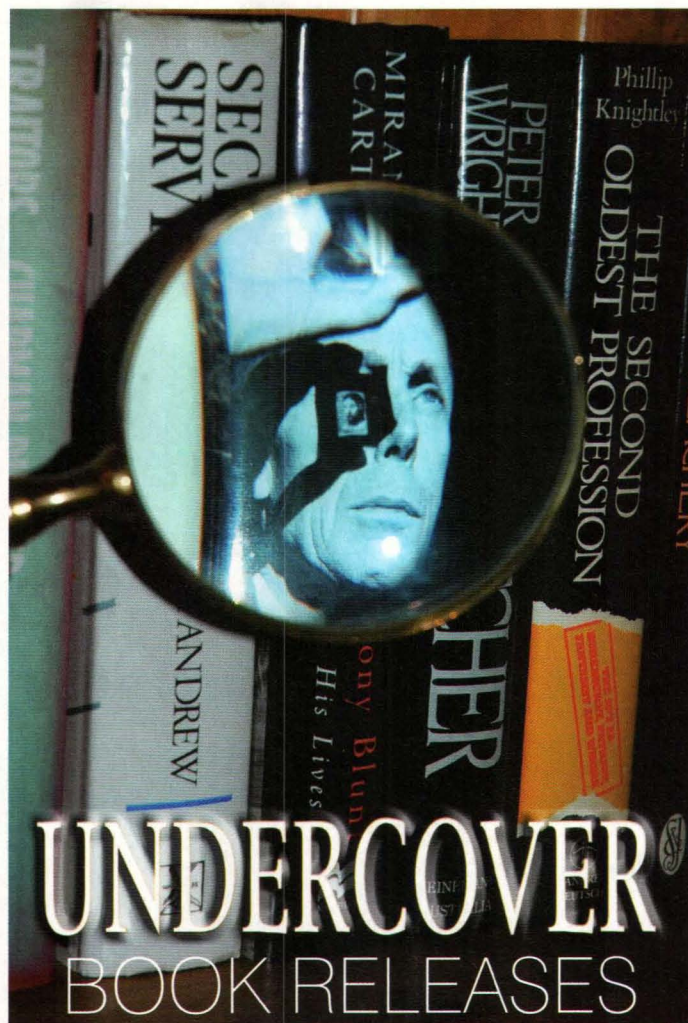
A virus replicates spreading rapidly from one cell to another. The principle can be applied to people and computers

A virus is an organism (used in loose terms, as they lack enzymes), that only replicates within the cell of the host, spreading rapidly from one cell to the other, they override the cells functions and introduces their own instructions. The principle is also applied to the computer virus, where the early *mydoom* worm and the *melissa* virus replicated and spread to millions of computers in just one day. The same principle of course applies to memetics.

In the intelligence network there are departments that specialise in creating rumour and innuendo, this is a well known fact. Within this fraternity the understanding of memetic strategy is vital. It is unfortunate that the general public find the discrediting of a person or group more believable than the restoration of their good name, which makes the opposition's task all the easier. The concept of the old adage, "there is no smoke without fire" supports the principle of memetics in damaging a persons reputation. It is a powerful tool that can spread like wildfire, even with no substance of truth.

Word strategy relating to contagion can be used by many groups. Often, conspiracy theories are born of memetic strategy. If there are enough varied theories dealing with one issue, it can conveniently bury the truth in the quagmire. The use of memetic strategy is vital for undercover operatives. The hard-line salesperson uses memetics when they create an imaginary problem in customers' minds, which of course they claim their product will resolve. Similarly, con-artists use memetics when they create a non-existent situation. One example is the *three card trick*, where an onlooker is enticed into believing they can not lose, thus parting with all their money on the supposed correct card.

In this article I have painted a background to the use of words in mind control, and our vulnerability through life conditioning. However, there are still other factors that can ensure compliance and I will deal with all of these issues in the next article.

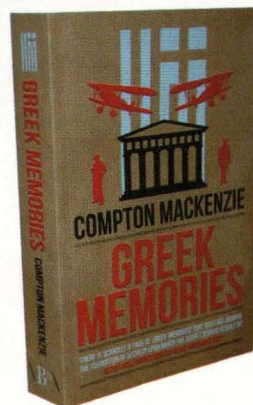


GREEK MEMORIES

Compton Mackenzie
Biteback Publishing

There is scarcely a page of *Greek Memories* that does not damage the foundation of secrecy upon which the Secret Service is built up - Secret Intelligence Service Memo. A reference to Compton Mackenzie's early 1930s manuscript.

The author was a celebrated writer of *Whisky Galore* and *Sinister Street*, and regarded as a literary giant - "a noted man of letters." Mackenzie had also been MI6's man in Greece and his manuscript contained assorted MI6 documents and the real name of the first 'C'. Even though that particular Secret Service chief had died nine years earlier, Mackenzie was hauled before the courts and *Greek Memories* was banned from publication. Mackenzie subsequently published a heavily censored edition of the book,



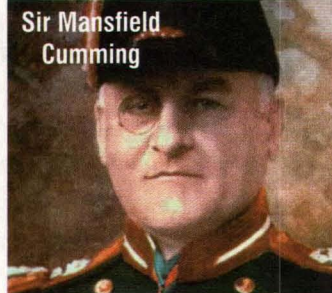
with the controversial material removed. The original has remained banned for the past 78 years. Now, for the first time ever, the original book is available to buy.

Editor's note: A daring move by Biteback. The book is an absolute must however for those searching for the 'building blocks' of the world's most secretive spy agency.

About the Author: Compton Mackenzie (1883-1972) wrote over ninety books, including *Sinister Street*, *Carnival*, *Vestal Fire*, *Extraordinary Women* and *Whisky Galore*. During the First World War he became Director of the Aegean Intelligence Service under the British Special Intelligence Service (later MI6). Paperback 304pp

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Sir Mansfield Cumming



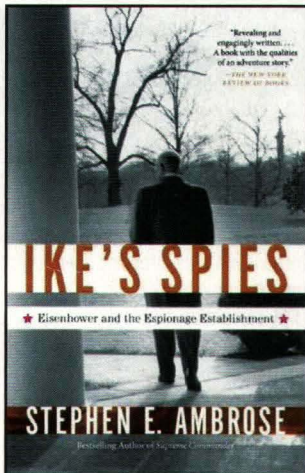
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Stephen E. Ambrose wrote twenty books on military affairs and foreign policy. Early in his career he was an associate editor of *The Eisenhower Papers*, and he later went on to publish the definitive, three-part biography of Eisenhower, as well as many bestselling books of military history, including *Band of Brothers* and *Undaunted Courage*. He died in 2002. Paperback 384pp



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BATTLEGROUND NEW YORK CITY:
Countering Spies, Saboteurs and Terrorists Since 1861

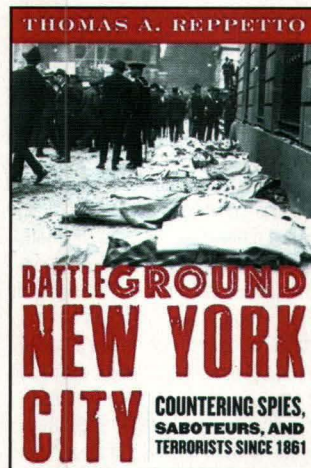
Thomas A. Reppetto
Potomac Books Inc.

New York City has long been a breeding ground for spies, saboteurs, terrorists, and other threats to America's greatest city. *Battleground New York City* examines the history of domestic security operations and the people and

agencies involved in safeguarding "the city that never sleeps."

Starting with the bloody draft riots during the Civil War, Thomas Reppetto guides the reader through New York City's history, emphasising the battles against twentieth-century German and Russian spies and Islamic radicals. This book illustrates how, over the course of two world wars, numerous political and social upheavals, and shocking terrorist attacks, the United States developed a complex web of organisations responsible for identifying and neutralising security risks.

The city has been the training and proving ground for law enforcement agencies in developing the organisations, strategies, and tactics now used to protect citizens nationwide. The histories and operations of the US Secret Service, the Federal Bureau of Investigation, the New York Police Department, and others provide insight into recent events and what the United States needs to do to protect all of its citizens for the future.



Battleground New York City is the exciting story of the men and women who have dedicated their lives to protecting a city under threat. Hardback 320pp

Available from Eye Spy Ref: ES/1447
UK £16.99 USA \$35.00 ROW £18.50

MH/CHAOS: The CIA's Campaign
Against the Radical New Left and Black Panthers

Ralph Rafalko
Naval Institute Press

Operation MH/CHAOS was the code-name for a domestic espionage project conducted by the Central Intelligence Agency in the late 1960s and early 1970s. First charged by President Lyndon Johnson and later by Richard Nixon to find foreign intelligence, terrorist organisations or government contacts, controlling or influencing Anti-Vietnam

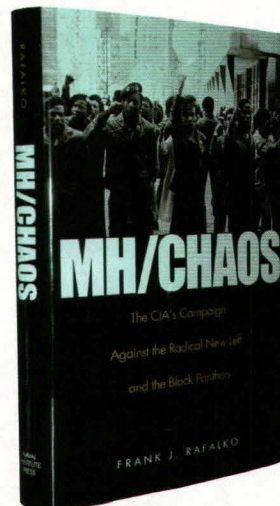


President Lyndon Johnson (right) helped initiate MH/CHAOS

War activists or American black extremists protesting, bombing and carrying out other anti-government, unlawful or illegal activities in the United States. The programme's goal was to unmask possible foreign influences on the student antiwar movement.

In *Operation MH/CHAOS*, Frank J. Rafalko, a former CIA officer, refutes the charges made by *The New York Times* and the *Washington Post* at the time that this domestic spying programme first made headlines, and takes issue with conclusions of the Rockefeller Commission and the Church Committee. He relates how Langley's Special Operations Group (SOG) began, was staffed and how it was transformed into an anti-terrorist unit before it ceased operation. Rafalko details the information that Special Operations Group collected against the New Left and Black extremists and makes the case that the MH/CHAOS programme was justified, why the CIA was the logical agency to conduct the collection, and the consequences suffered later by American counterintelligence because of these investigations.

Editor's Note: One of the most important and absorbing intelligence



books of the year. Rafalko dismantles the argument that the CIA must maintain an interest in happenings that only occur in faraway lands. There is often a 'corridor' or channel where intelligence inevitably falls - and this must be gathered, shared and disseminated by domestic and overseas services alike. A five star offering.

About the Author: Frank J. Rafalko is a recognised counterintelligence expert having served with CIA's Counterintelligence Staff and Centre. His rotational assignments were adviser to the National Reconnaissance Office's counterintelligence unit, including serving as acting chief; chief National Counterintelligence Center's Counterintelligence Community Training Branch and advisor to State Department's Overseas Security Policy Board. Hardback 336pp

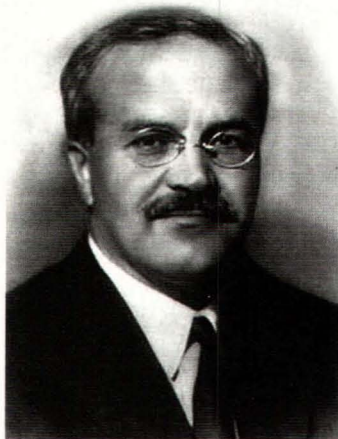
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MOLOTOV:
Stalin's Cold Warrior

Geoffrey Roberts
Potomac Books Inc.

This title reassesses Molotov's role in the Cold War, overturning former notions of Molotov as the consummate bureaucrat. It provides a new appreciation of the difficulty of achieving detente between the Soviet Union and the West. It is based on extensive research and the author's access to hundreds of Molotov's files in Russian party, state, and foreign ministry archives.

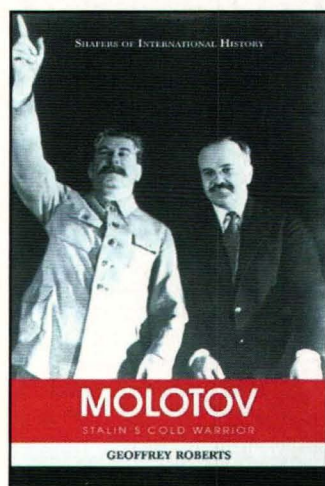
The orthodox view of Vyacheslav Molotov is that he was no more than Stalin's faithful servant, a dogmatic communist, and a conservative hard-liner of little or no imagination. Molotov was, indeed, Stalin's right-hand man; from the 1920s to the early 1950s the two men presided over a brutal, authoritarian communist system that resulted in the deaths of millions of



Vyacheslav Molotov

people. But there was far more to their partnership. In this engaging biography, Geoffrey Roberts proposes a radical reappraisal of Molotov's life and career. He argues that although Molotov, as Soviet foreign minister since 1939, was certainly Stalin's cold warrior, he personally preferred detente and peaceful coexistence with the West. The differences and tensions between Molotov and Stalin came to a head in 1949, when Molotov's wife was arrested and imprisoned because of her involvement with the Soviet Jewish Anti-Fascist Committee.

In 1957 Molotov was ousted from the leadership following his attempted coup against Nikita Khrushchev, Stalin's successor as the leader of the Soviet Communist Party. After Stalin's death, Molotov revived his efforts to curtail the Cold War and campaigned for the establishment of a pan-European system of collective security that would halt the polarization of the continent into competing military-political blocs. While Molotov's attempt to negotiate an end of the Cold War were stymied by Soviet and Western hard-liners, his campaign for European collective security paved the way to detente in the 1960s and 1970s and the abolition of the Cold War in the 1980s and 1990s. Hardback 240pp



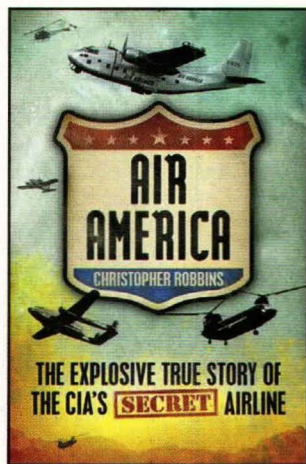
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AIR AMERICA:
The Explosive True Story of the CIA's
Secret Airline

Christopher Robbins
Phoenix (Mass Market Paperback)

Air America, first published in 1979, is the controversial story of Langley's secret airline which operated in dangerous theatres for over 25 years. Crewed by operatives drawn from various occupations, and members of the CIA's Special Activities Division, Air America flew missions no one else would touch, from General Claire Cennault's legendary Flying Tigers in WW II to two brutal decades cruising over the bomb-savaged jungles of Southeast Asia. The pilots motto was 'Anything, Anywhere, Anytime'.

Whether it was delivering food and weapons or spies and intelligence, Air America was the one airline where you didn't need reservations - just a great deal of courage and a willingness to fly to the bitter end. Paperback 384pp



Available from Eye Spy Ref: ES/1450
UK £9.99 USA \$20.00 ROW £10.99

BANZAI BABE RUTH:
Baseball, Espionage and Assassination
During the 1934 Tour of Japan

Robert K. Fitts
University of Nebraska Press

In November 1934 as the United States and Japan drifted toward war, a team of American League all-stars that included Babe Ruth, Lou Gehrig, Jimmie Foxx, future secret agent Moe Berg, and Connie Mack barnstormed across the 'Land of the Rising Sun'. Hundreds of thousands of fans, many waving Japanese and American flags, welcomed the team with shouts of

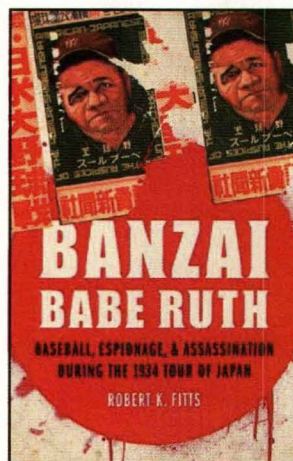


"Banzai! Banzai Babe Ruth!" The all-stars stayed for a month, playing 18 games,

Babe Ruth and Japanese youngsters in Tokyo, 1934



Air America Helio light aircraft at makeshift landing strip in Laos. CIRCA 1970



spawning professional baseball in Japan, and spreading goodwill.

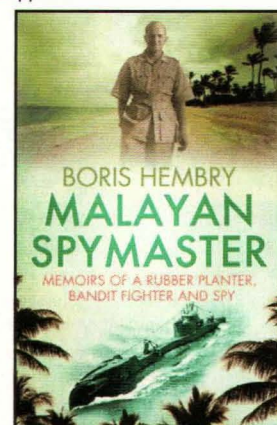
Politicians on both sides of the Pacific hoped that the amity generated by the tour and the two nations shared love of the game could help heal their growing political differences. But the Babe and baseball could not overcome Japan's growing nationalism, as a bloody coup d'etat by young army officers and an assassination attempt by the ultranationalist War Gods Society jeopardized the tour's success. A tale of international intrigue, espionage, attempted murder, and, of course, baseball, *Banzai Babe Ruth* is the first detailed account of the doomed attempt to reconcile the United States and Japan through the 1934 All American baseball tour. Robert K. Fitts provides a wonderful story about baseball, nationalism, and American and Japanese cultural history. Hardback 368pp

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MALAYAN SPYMASTER:
Memoirs of a Rubber Planter and Spy
Boris Hembry
Monsoon Books

Atrue story of 1930s Malaysia, of jungle operations, submarines and spies in WWII, and of the postwar Malayan Emergency, as experienced by an extraordinary man. Rubber planter Boris Hembry was a part of Freddy Spencer Chapman's covert Stay Behind Party in Japanese-

occupied Malaya, a member of the Secret Intelligence Service, and he formed the first Home Guard unit in Malaya during the Emergency. Required reading for this period of Southeast Asian history. Paperback 424pp



Available from Eye Spy Ref: ES/1452
UK £17.95 USA \$30.00 ROW £19.95

SMERSH:
Stalin's Secret Weapon, Soviet
Military Counterintelligence in WWII
Vadim Birstein
Biteback Publishing

SMERSH, acronym of the Russian phrase 'Death to Spies', is primarily known to readers as James Bond's sinister opponent in Ian Fleming's novels. Yet SMERSH was a real organisation and just as diabolical as its fictional counterpart.

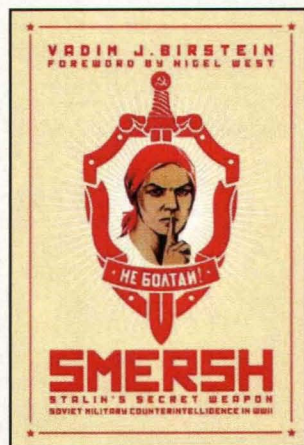
Ostensibly a military counterintelligence organisation dedicated to fighting Nazis, SMERSH spent



Viktor Abakumov headed SMERSH from 1943 to 1946



Alexander Solzhenitsyn with Vladimir Putin in 2007



considerable time and effort terrifying its own citizens, including writer Alexander Solzhenitsyn, who was arrested for writing to a fellow officer. Its activities often strayed into the political sphere, exemplified by the arrests of many political leaders and foreign diplomats in Eastern Europe, including the famous rescuer of Hungarian Jews, Raoul Wallenberg, at the end of WWII.

While it was formally part of the Defence Commissariat, SMERSH was not under the control of the military hierarchy. In reality it was a secret service independent of the other Soviet security organisations. Its head, Viktor Abakumov, a shadowy and powerful figure whose biography is revealed here for the first time, reported directly to Joseph Stalin on a daily basis.

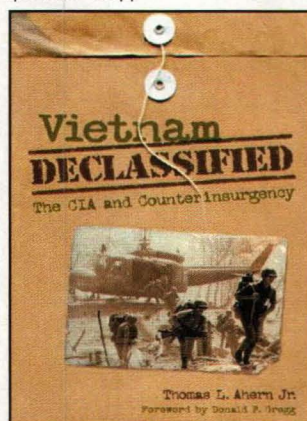
Based on a huge number of documents and memoirs available only in Russian, the book details all the known activities of SMERSH - its clever 'radio games', which used captured German officers to lure German intelligence into traps, mass vetting of Soviet troops who had been prisoners of the Germans, arrest and persecution of Red Army generals, infiltration of Nazi spy schools, participation in military tribunals and the 'Special Board' of the NKVD, and participation in the Nuremberg trials and the 'Sovietization' of Eastern Europe. Hardback 512pp

Available from Eye Spy Ref: ES/1453
UK £20.00 USA \$38.00 ROW £24.99

VIETNAM DECLASSIFIED:
The CIA and Counterinsurgency
Thomas L. Ahern Jr.
The University Press of Kentucky

Vietnam Declassified is a detailed account of the CIA's effort to help South Vietnamese authorities win the loyalty of the Vietnamese peasantry and suppress the Viet Cong. Covering the CIA engagement from 1954 to mid-1972, it provides a thorough analysis of the agency and its partners.

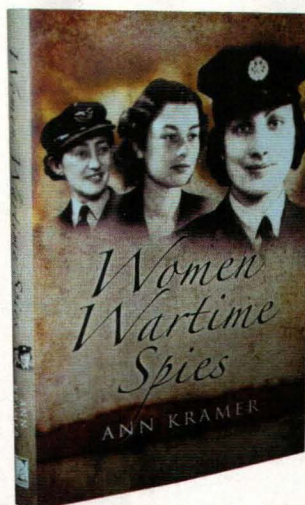
Retired CIA operative and intelligence consultant Thomas L. Ahern Jr. is the first to comprehensively document the Agency's role in the rural pacification of South Vietnam, drawing from secret archives to which he had unrestricted access. In addition to a chronology of operations, the book explores the assumptions, political values, and cultural outlooks of not only the CIA and other US government agencies, but also of the peasants, Viet Cong, and Saigon government forces competing for their loyalty. The depth of Ahern's research makes this title an important addition to military literature. Paperback 480pp



Available from Eye Spy Ref: ES/1454
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WOMEN WARTIME SPIES
Ann Kramer
Remember When Books

From Mata Hari through to Noor Inayat Khan, women spies have rarely received the recognition they deserve. They have often been



trivialised and, in cinema and popular fiction, stereotyped as vamps or dupes. The reality is very different.

As spies, women have played a critical role during wartime, receiving and passing on vital information, frequently at considerable risk. Often able to blend into their background more easily than their male counterparts, women have worked as couriers, transmitters and with resistance fighters, their achievements often unknown. Many have died. Ann Kramer describes the role of women spies during wartime, with particular reference to the two world wars. She looks at why some women chose to become spies, their motives and backgrounds. She also examines the experience of women spies during wartime, what training they received, and what skills they needed. And finally, Kramer delves into the reality of life for a woman spy, operating behind enemy lines, and explores and explodes the myths about women spies that continue until the present day. Hardback 224pp

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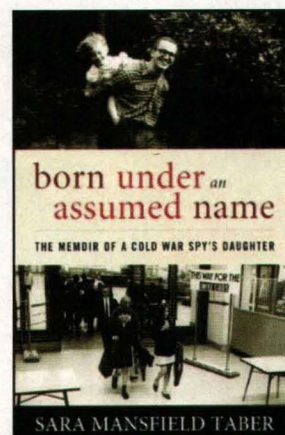
BORN UNDER AN ASSUMED NAME:
The Memoir of a Cold War Spy's Daughter

Sara Mansfield Taber
Potomac Books Inc.

From literary journalist Sara Mansfield Taber comes a deep and wondrous memoir of her exotic childhood as the daughter of a covert CIA operative. *Born under an Assumed Name* portrays the thrilling and confusing life of a girl growing up abroad in a world of secrecy and diplomacy - and the heavy toll it takes on her and her father.

As Taber leads us on a tour through the alluring countries to which her father is assigned, we track two parallel stories - those of young Sara and her Cold War spy father. Sara struggles for normalcy as the family is relocated to cities in North America, Europe, and Asia, and the constant upheaval eventually exacts its price. Only after a

psychiatric hospitalisation at age sixteen in a US Air Force hospital with shell-shocked Vietnam War veterans does she come to a clear sense of who she is. Meanwhile, Sara's sweet-natured, philosophical father becomes increasingly disillusioned with his work, his agency, and his country.

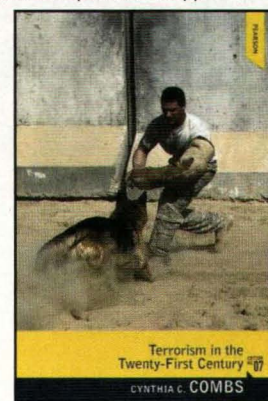


This is the question at the heart of this elegant and sophisticated work: what does it mean to be an American? In this fascinating, painful, and ultimately exhilarating coming-of-age story, young Sara confronts generosity, greatness, and tragedy - all that America heaps on the world. Hardback 400pp

Available from Eye Spy Ref: ES/1456
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TERRORISM IN THE 21ST CENTURY
Cynthia C. Combs
Longman (7th edition)

Updated in its 7th edition, *Terrorism in the Twenty-First Century* helps readers understand terrorism, responses to it, and current trends that affect the future of this phenomenon. Putting terrorism into historical perspective and analysing it as a form of political violence, this text presents the most essential concepts, the latest data, and numerous case studies to promote effective analysis of terrorist acts. An objective book which breaks down the who-what-why-how of terrorism, giving readers a way both to understand patterns of behaviour and to more critically evaluate forthcoming patterns. Paperback 416pp



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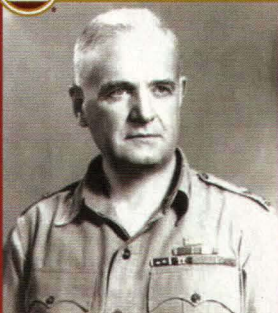
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celebrates the historic accomplishments of the Office of Strategic Services during World War II, the first effort by the United States to implement a centralized system of strategic intelligence and the predecessor to the Central Intelligence Agency and the U.S. Special Operations Command.

The 108-page 2011 issue of *The OSS Society Journal* is now available for \$20 (domestic) or \$25 (international) per copy. A noted reviewer described it as the "finest intelligence publication." The table of contents can be viewed at www.ossociety.org.

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VADIM J. BIRSTEIN
FOREWORD BY NICK BERT



SMERSH
STALIN'S SECRET WEAPON
SOVIET MILITARY COUNTERINTELLIGENCE IN WWII

In the early James Bond novels 007 is pitched against Smersh, a top secret Soviet agency dedicated to the subversion of the West and the assassination of Western spies. Bond's creator, Ian Fleming, took his inspiration from true life, but the real Smersh was far more savage than Bond's fictional nemesis.

In *Smersh: Stalin's Secret Weapon*, Dr. Vadim Birstein makes comprehensive use of recently released Russian military archives in Moscow and speaks to survivors and victims of Smersh to tell, for the first time, one of the darkest stories in Soviet Russia's history.

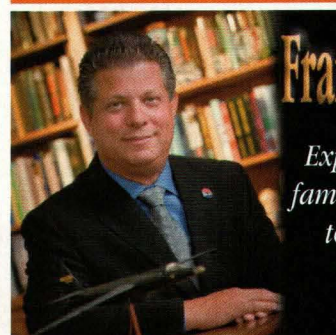
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THE FINAL WORD

OPERATION ROSEWOOD SEEKING STASI AGENTS IN BRITAIN

German STASI researchers have requested Britain returns several intelligence files that could reveal communist penetration of the UK and key contact figures. The material was given to British Intelligence following the collapse of the former East Germany. CIA officers secured the material in a daring operation code-named Rosewood. In this case rescuing (or more accurately removing) thousands of files from the East German headquarters of the state security ministry before they could be destroyed.

The vast STASI archive is currently being pieced back together by academics, but it is a process that will take decades. The British files represent a tiny, but nonetheless hugely important

part of an archive which has already exposed key figures who opted to provide intelligence to the STASI. However, the German Government has often been accused of withholding certain files because of the sensitive nature contained within, including some people who went on to become very senior politicians. And sources say the UK may be caught in a similar dilemma as the 'index cards' and microfilm given to British Intelligence, may also throw up a surprise or two.

Amongst the most controversial decisions ever taken by German Chancellor Helmut Kohl on re-unification, was to authorise the burning of a huge number of HVA files*. Many featured the code-names of agents and their true identities as well.

Former HVA
(STASI)
headquarters
in Berlin



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Former German Chancellor Helmut Kohl made the unfortunate decision to destroy significant HVA files containing details of thousands of STASI agents. Many intelligence watchers believe Kohl ordered the destruction of the material after several key politicians' names appeared in the 'agent card index'

No Briton has ever been charged with spying for the STASI, though it is believed the agency had over 100 contact people and spies living in the UK. This was confirmed in 1999 following the release of certain MI5 information which was probably sourced from the Rosewood files delivered by the CIA.

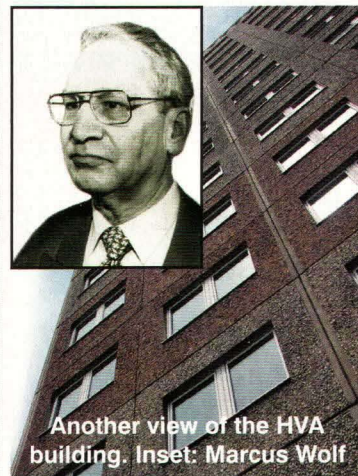
• Speaking in 1999, former STASI spy chief Marcus Wolf dismissed the importance of British agents in the employ of his agency, because he could "not remember" their names - thus meaning they were of no supreme value.

*HVA Hauptverwaltung - a unit within the STASI responsible for record keeping.

SIX MILLION FILES

It is estimated that an astonishing six million documents, including images and microfilm have been assembled by the STASI Records Authority. These effect about 1.6 million people.

Future research and collection will one day fall under the authority of the national BundesArchiv, an enormous repository of official German documentation.



Another view of the HVA building. Inset: Marcus Wolf

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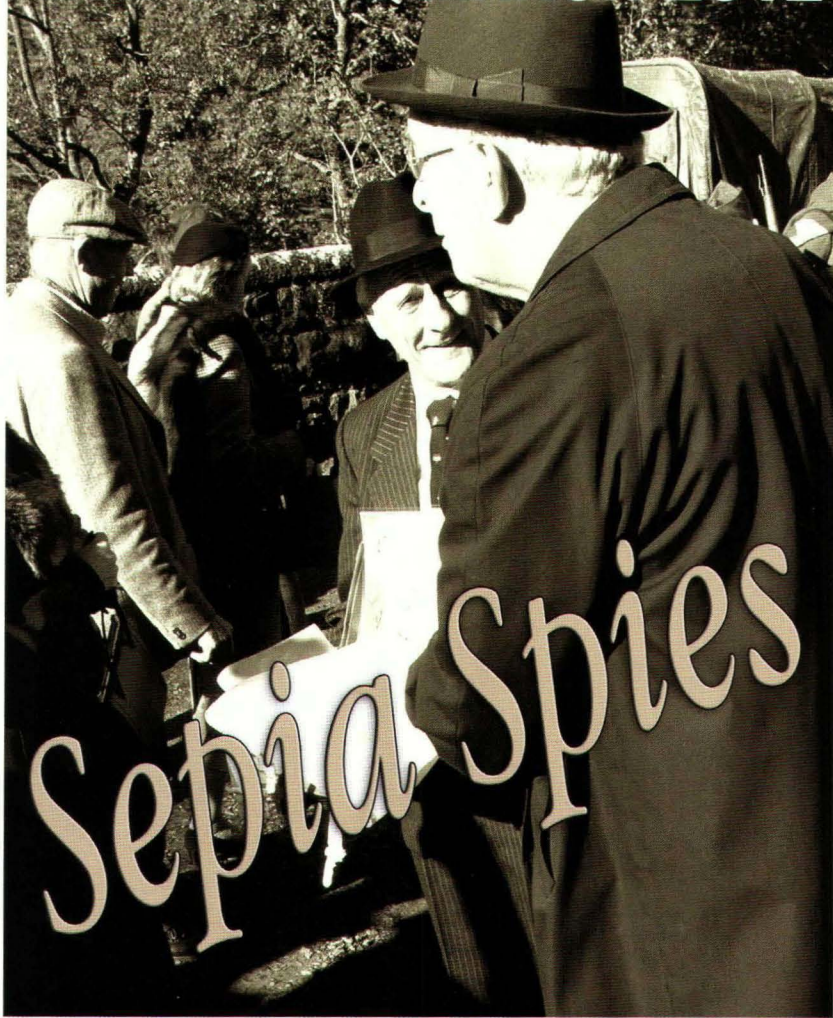
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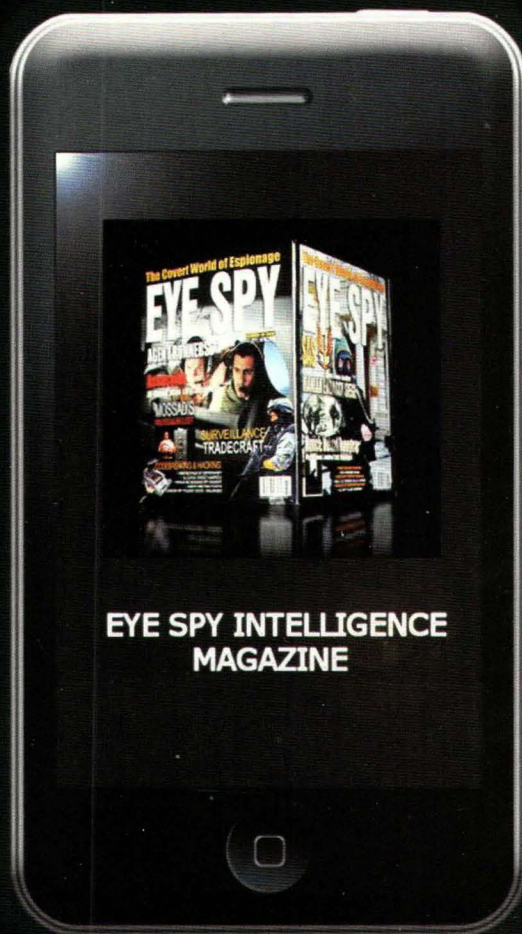
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