

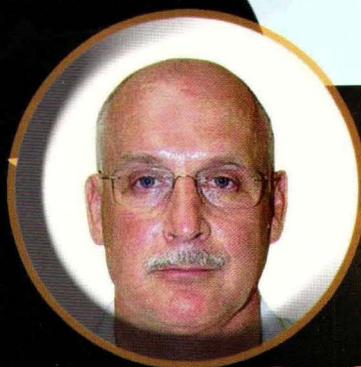
The Covert World of Espionage

EYE SPY

US SPY CASE CIA Double Agent?



USA \$6.50 CANADA \$7.99



intel school

SVR



60 seconds

spies & tradecraft



NUMBER 69 2010



THE SAUDI CORRIDOR
MOSSAD'S AGENT ANGEL
SVR-MI6 INTELLIGENCE WAR
CIA AND THE 'BRAIN DRAIN'

Printed and Published in Great Britain

WHAT DO YOU SEE?



TRADE CRAFT
60 SECONDS

31

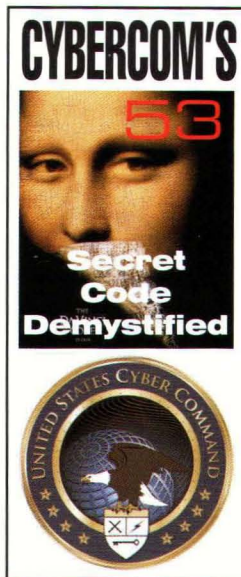
Eye Spy explores a very important training element that those intent on a career in field operations and personal contact intelligence gathering must learn...

LOCKERBIE: SUSPICIOUS MINDS



The real genesis behind the murky world of Libyan trading contracts, BP lobbying, spy games and the intelligence world...

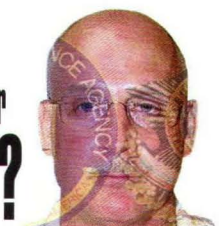
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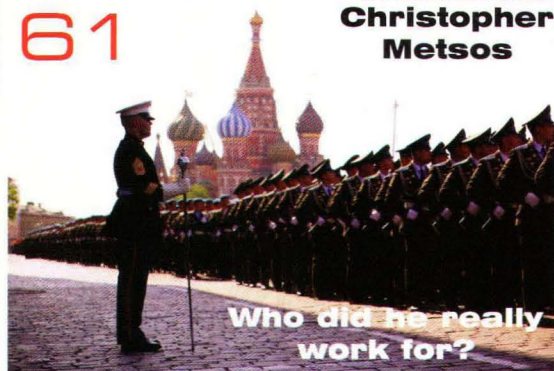
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Christopher Metsos

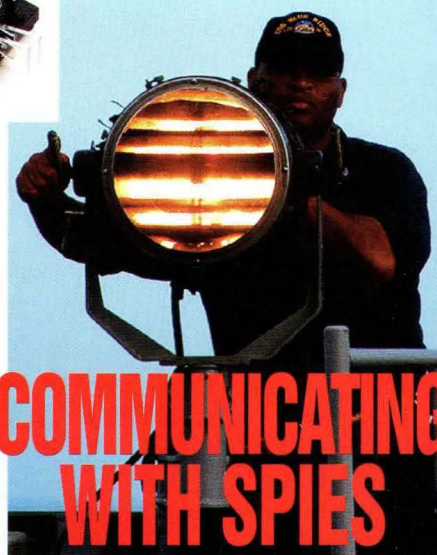


Who did he really work for?



A fascinating feature written by Eye Spy's new associate editor Paul Beaumont who looks at some of the methods used to transmit and receive intelligence

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COMMUNICATING WITH SPIES

THE RUSSIAN SVR SPY RING BETRAYED IN AMERICA



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Back in MI6 hands... agent Colonel Sergei V. Skripal

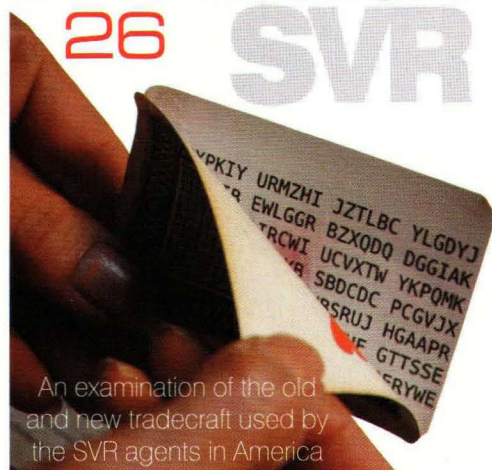


Eye Spy examines the finer details of the SVR spy case which unfolded in hours and was closed within days

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SVR



An examination of the old and new tradecraft used by the SVR agents in America

SPAWAR

PHOTO SPECIAL

Space and Naval Warfare Systems Command



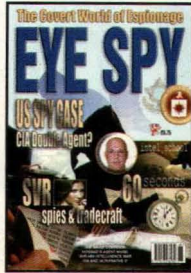
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MI6 and the £1 million Pay Off

The rogue operator who for a brief moment was a millionaire...



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Main Front Cover Image: USAF/FRIENDS

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Russia's foreign intelligence arm - SVR, has been the headline agency this summer. Eye Spy looks at the organisation raised from the First Directorate of the KGB

FIRST WORD



A SOFT TARGET - A DANGEROUS MOVE

WikiLeaks' Internet posting of 90,000 US military documents relating to Coalition operations in Afghanistan, caused quite a stir. Frontman Julian Assange says he did it to expose "unethical behaviour". That's a bit rich. Pentagon officials called the action "dangerous". They are correct. Each document is now in the possession of al-Qaida and the Taliban. They are being pored over by terrorists who may find they know who some of the "sources" and "contacts" discussed in the papers. The files do reveal fatalities - innocent civilians caught up in operations or killed unintentionally. But it is madness to even consider the possibility that the MOD in London or DOD in Washington does not regret civilian deaths. Assange might also like to consider the hundreds of soldiers who have died trying to tip-toe around villages in IED-laden fields to avoid civilian deaths, failed to fire on a terror safe house and lost their lives when hesitating to shoot in the event youngsters are killed. Assange and his team do not have the experience to analyse all the material, to imagine if a comment in a paragraph could lead to a village elder, or a farmer who simply wants to be impartial. It is a dangerous move, but the FBI should really be seeking out the mug who pulled this information from a Pentagon computer in the first place and bring him to book.

Mark Birdsall, Managing Editor



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intelligence choice



Much prominence has been given to the SVR spy ring whose members were quietly ushered out of America after being exposed. It is a bizarre affair that has left many intelligence watchers scratching their heads. Twelve "spooks" plying their trade in the USA, and not one espionage charge? With attention focused on the glamorous Anna Chapman, it's no wonder the real star of the show and key to the case - "Christopher Metsos", has slipped into obscurity. The Canadian passport holder and the spy ring's so-called "money provider", is the real story, not Chapman and her associates. There's no doubt

Chapman was being pushed into service and being readied for infiltration into America's high society. Yet the group of men and women, including Chapman, strategically positioned on the eastern seaboard, were betrayed. But by whom?

The one man who knows is Metsos (that's not his real name of course), and he has disappeared after safe passage was provided to Cyprus - the idyllic isle and playground of MI6-CIA-SVR down the years. Eye Spy understands officials in Moscow are of the opinion that Metsos, whilst being an SVR contact man, was in fact CIA... a double agent. There is a piece in this magazine that may point to the incident when the 'paymaster' was discovered by the FBI. It's a case which the CIA often class as a "hidden success", one that they can't announce, for now...

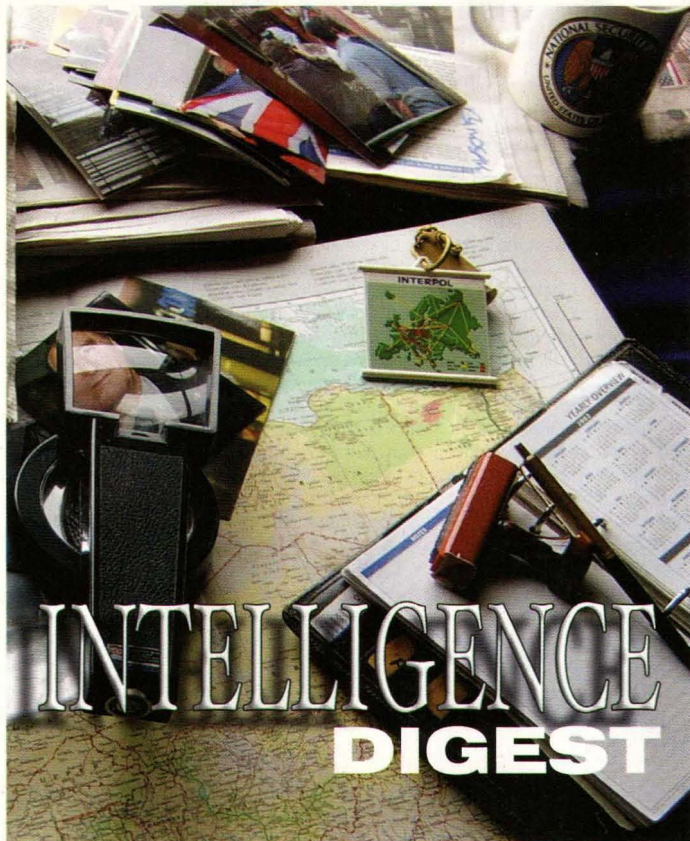
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"You were sent to USA for long-service trip... your education, bank accounts, car, house etc. all these serve on goal - fulfill your mission"



Decrypted message from SVR Moscow Center to US-based operators

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Times Square Plot

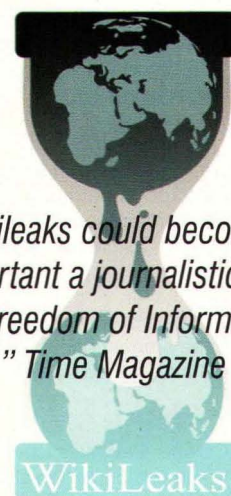
intel reveals the long-term al-Qaida plan

The CIA has secured two videos featuring Times Square bomber, Faisal Shahzad, that leave no doubt the terrorist was schooled and infiltrated into the United States by al-Qaida and its Taliban friends.



In the first video, aired on Arabic Television, Shahzad says his mission is in response to America's war in Afghanistan.

The second video, reportedly made in May 2009, shows Shahzad shaking hands and hugging Hakimullah Mehsud, the leader of Pakistan's Taliban. Shahzad says: "Today, along with the leader of Tehrik-e-Taliban..."



"Wikileaks could become as important a journalistic tool as the Freedom of Information Act..." Time Magazine

INTELLIGENCE FEARS OF 'WIKILEAKS'

CIA 'thinktank' reviews options as 90,000 leaked US military papers end up on the Internet

Senior Pentagon and CIA officials have met to decide what can be done about one of the most controversial web sites in the world - 'WikiLeaks'. The web site has become somewhat of a thorn in the side of governments across the globe... including America and Britain. However, it is not without its supporters.

In July, the site which has rebuffed every attempt to stop it functioning properly, published an astonishing 90,000 US military files attached to the war in Afghanistan. A quick examination revealed the content



Lady Neville-Jones

exposed around 100 deaths of civilians in the conflict, including a number attributed to UK forces. The majority were relevant to US military actions, and have caused deep embarrassment in Washington.

Within hours of their uploading, a White House spokesman said the material "puts at risk US and Coalition service personnel."

The founder of WikiLeaks, speaking in London a day after the documents were posted, disagreed and took a sideswipe at the US military and those who oppose the move. Australian Julian Assange said: "The files showed that thousands of war crimes have been committed in Afghanistan." As for the White House saying lives are at risk, Assange commented: "We are familiar with groups whose abuse we expose attempting to criticise the messenger to distract from the power of the message."

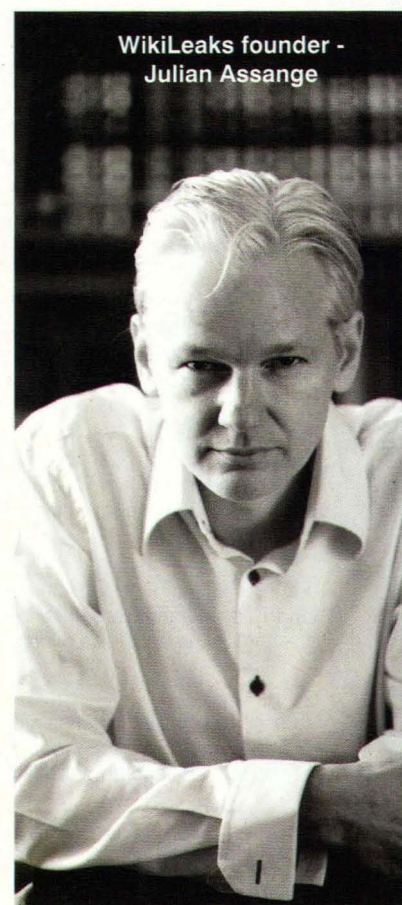
In London, intelligence contact and Security Minister Lady Neville-Jones, former chair of the Joint Intelligence Committee, was clearly nervous, but revealed MI6 and CIA

suspensions on how they believe the material was acquired. "This is really serious stuff," she said. "We don't know how they got the material - it may be a combination of leaking documents, but also one strongly suspects they have hacked into systems as well. This is a really big story."

Efforts from various government departments and advisory offices to stop additional searching were brought into play, but many intelligence secrets have been revealed. Indeed, a major part of the US military intelligence and reporting mechanism has been exposed. This makes WikiLeaks action far more damaging in terms of an adversary understanding the US intelligence system.

On 6 August, the Pentagon officially requested that the documents be removed from the Internet. WikiLeaks called that, "obnoxious".

As for Assange, he says his outfit is working through a "backlog of other secret material." He also expects the story to accelerate further submissions.



WikiLeaks founder - Julian Assange

"By focusing on Iraq, we ceased to focus on the al-Qaida threat... I think that was a long-term, major and strategic problem..."

**FORMER M15 DIRECTOR-GENERAL
DAME ELIZA MANNINGHAM-BULLER**



Shahzad vents his fury at the USA. And pictured with Hakimullah Mehsud. The propaganda tapes were acquired by the CIA

Hakimullah Mehsud and under the command of Amir al-Mumineen Mullah Omar (supreme leader of the Taliban)... we are planning to wage an attack on your side."

The CIA has gleaned valuable intelligence from Shahzad, including the limitations of the terror outfit's cash flow. The bomber had but \$4,500 of his

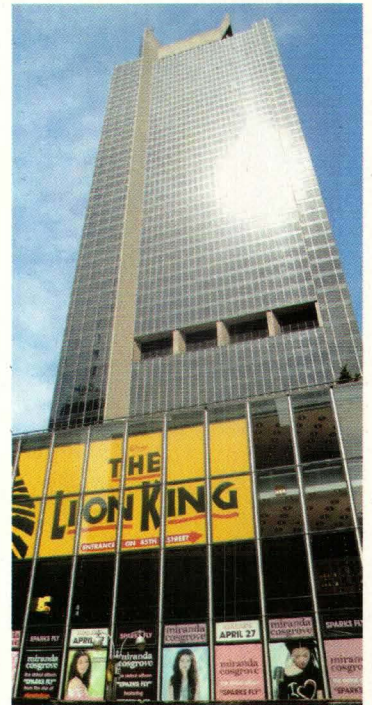
own money and requested more to perform the task. "I asked them for some cash because I had to do the whole operation here."

Shahzad has already admitted planning the 1 May attack and building the car bomb. Describing himself as a "Muslim soldier", he is due to be sentenced on 5 October 2010.

"THOUSANDS DEAD"

A former FBI bomb specialist said that had Shahzad constructed his bomb properly, then the resulting detonation and blast could have killed as many as a thousand people.

Specialists in Pennsylvania have already conducted a number of test explosions to analyse and record the bomb data



The bomb was placed near One Astor Plaza

PENTAGON COMPUTER HACKER

Reprieve almost certain for UK hacker

Gary McKinnon, the British man who hacked numerous Pentagon computer systems leaving a tirade of abusive messages on terminals, could serve any potential prison sentence in the UK, thus avoiding extradition to the United States.

The new "arrangement" follows a face-to-face meeting between British Prime Minister David Cameron, and President Obama at the White House. Mr Cameron said: "Gary McKinnon is accused of a very serious crime. There is a discussion going on about this, but I don't want to prejudice those discussions."

Mr McKinnon hacked several computer systems between 2001 and 2002, allegedly to look for evidence of UFOs. Pentagon officials say the damage to right the machines cost



COURTESY WHITE HOUSE

well over \$800,000, but more importantly, created wholesale concern at a time when all available manpower and systems were being used in the wake of 9/11.

McKinnon's family and supporters say he could suffer greatly in a tough US jail because he is suffering from Asperger's syndrome.

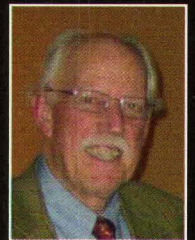
If found guilty, McKinnon faces up to 60-years in jail.



CUBAN AGENT 202

LIFE FOR STATE DEPARTMENT SPY

The great grandson of telephone inventor Alexander Graham Bell, has been given a life sentence for spying for Cuba. Walter Myers, 73, whose Cuban codename was 'Agent 202' said he willingly gave away secrets because he felt the people of the island "quite rightly feared the United States."



Myers, who began work at the US State Department in 1977, was recruited by Cuban Intelligence along with his wife, Gwendolyn, just two years later.

Myers eventually ended up working as an intelligence analyst in Washington DC, a job which gave him daily access to a plethora of secret and classified information. Astonishingly, the couple flew to Cuba in 1995 to meet Fidel Castro. They were even awarded a special medal for the services to the island.

Gwendolyn, known as 'Agent 123' and 'E-634', was handed an 18-month sentence.

The pair must also forfeit \$1.7 million from the sale of their home and personal belongings.



SHINING LIGHT

Iran intel threads to JFK fuel line plot

Two al-Qaida supporters were convicted of planning a terrorist atrocity that could have been visible from space.

Russell Defreitas, a former airport cargo worker, and Abdul Kadir, an engineer and ex-member of parliament in Guyana, planned to ignite petrol containers and fuel lines that run alongside a vast area of JFK Airport. A third defendant, Abdul Nur, has already pleaded guilty to a supporting role.

The operatives were arrested in 2007, following undercover FBI work which showed audio and filmed evidence of the men announcing their intention to blow up the tanks. A great deal of

evidence was acquired by Steven Francis, a government informant. On one tape Defreitas, regarded as the plot 'mastermind' says: "Anytime you hit Kennedy... it is the most hurtful thing to the United States. If you hit that, this whole country will be in mourning. It's like you kill the man twice."

Defreitas boasted about the lack of security at the petrol tank site: "You can't believe how a place like Kennedy can be so lax... no soldiers no person at all." The terror plotter boasted to colleagues how he was able to "drive to the tanks unchallenged." Strangely, Defreitas may have been correct. In 2003 Eye Spy security advisors in the city were able to drive into the heart of the



Undercover: FBI agent (informant) seen leaving a cafe in the company of Defreitas (circled)

IRAQ INTEL WARNING

Former MI5 Director-General had concerns about Iraq war implications

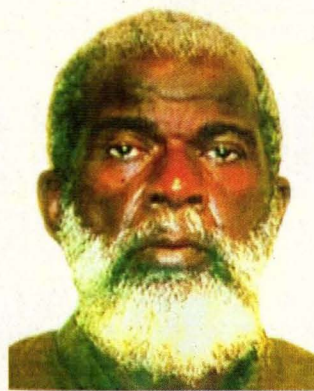


Eliza Manningham-Buller, MI5's Director-General at the time of the 7/7 London terrorist attacks, launched a blistering attack on the government's decision to go to war with Iraq. Speaking at the Iraq Inquiry, Ms Buller said the decision radicalised young British Muslims, and was a pointer towards why a number of them decided to strike in London. She also said that even before this, MI5 was aware others had gone to fight in Afghanistan.

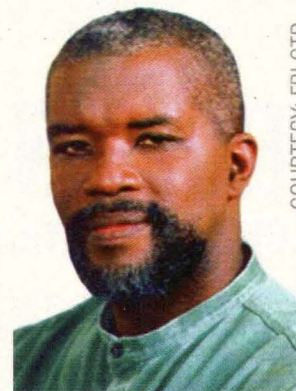
Intel watchers across the UK were surprised at her comments, some

suggesting she should have made her concerns known to then Prime Minister Blair in a "more forceful manner". Others have considered the comments were made to deflect focus on the fact that 7/7 happened on her watch, and point to the fact that MI5 had "no idea" what was occurring on the morning of the attacks, despite the organisation being stretched with countless surveillance operations against suspected homegrown terrorists.

Either way, this top counter-terrorist expert's commentary sent shudders through the intelligence world.



Russell Defreitas



Abdul Kadir

COURTESY: FBI CTD

complex without encountering one watchman. There was no CCTV.

The men sought support for their endeavours in faraway countries, especially al-Qaida and its numerous umbrella groups. It is believed that finance and expertise were needed, and the terror cell were never in a position to detonate the tanks by igniting buried fuel lines. However, that the case could have moved beyond the drawing board was evidence by alleged attempts to liaise with one of the FBI's 'most wanted' - al-Qaida man Adnam



Adnam Shukrijumah

Shukrijumah - an explosives' expert. It's believed he was in hiding in the Caribbean though intelligence officials admit he has probably long gone.

Solicitors for the men say they were "angry" and the term "wannabe" was oft heard in court. However, the FBI probe is far from complete as investigators continue to uncover material which could lead all the way to elements in Iran. Kadir

almost certainly has ties to operators working for Iranian Intelligence. This organisation has a dedicated section actively supporting terrorist groups. MI6 has recently encountered al-Qaida terror cells on the Iraq-Iran border supported by the IIS.

For the record, Defreitas used various codewords to describe different parts of the plot. Indeed, the attack was known as 'Shining Light' and the site 'Chicken Farm'.



7/7 FIVE YEARS ON

Relatives of the dead and injured in the 7/7 London bombings gathered at the Hyde Park memorial to mark the fifth anniversary of the atrocity. Quite remarkably no government minister attended the event, though Prime Minister David Cameron did send a wreath and message of condolence. Downing Street said it had received advice that relatives wanted a private ceremony for family and friends only.

ISI DELEGATION IN 'NO SHOW'

Cancelled - secret tri talks between ISI, MI5 and MI6

Officials from Pakistan's Inter-Services-Intelligence agency - ISI, including Director, Ahmad Shuja Pasha, were told not to travel to London for top secret talks with MI5 and MI6, this after premier David Cameron told an audience in neighbouring India, that Pakistan should "stop exporting terror". His remarks were condemned by senior Pakistan officials but this didn't stop a planned visit by Pakistan President Asif Ali Zardari. In response to Mr Cameron's forceful commentary, Mr Zardari pointed out that his country's security forces had lost over 3,000 members fighting the Taliban and al-Qaida.

It has long been feared that elements in the 25,000-strong ISI are supporting the Taliban, a charge vigorously denied by defence chiefs.



ISI Chief Ahmad Shuja Pasha (far right) pictured with Pakistan Army General Ashfaq Kayani. US officials - Navy Admiral Mullen (far left) and Rear Admiral Scott Van Buskirk

THE MOSSAD'S MIT-IRAN FEARS

ANKARA: Israel's Defence Minister Ehud Barak has called Turkey's new intelligence chief - "a friend and supporter of Iran." Hakan Fidan, 42, was appointed head of Turkey's powerful MIT (National Intelligence Organisation) in late July. Fidan tried to broker an agreement with Tehran over its nuclear programme but was unsuccessful.

The Mossad believes MIT might "funnel" intelligence secrets to Iran though this has been vehemently denied by Ankara. So angry were the Turks, Israel's ambassador was summoned and a note of protest registered.



New MIT Director - Hakan Fidan

However, MIT and the Mossad have worked closely with each other for the best part of three decades.

CIA: NATIONAL CLANDESTINE SERVICE

The CIA has a new head of its most secret National Clandestine Service - the pro-active and powerful intelligence gathering arm of the Agency. John Bennett, 58, a former Station Chief in Pakistan actually retired in May of this year, but agreed to return to lead the NCS. Bennett, an al-Qaida expert, fronted the Agency's Predator Drone Programme in Afghanistan.

Mr Bennett joined the Agency in 1981, after service in the Marine Corps, and has spent most of his career in the foreign field, including four tours as Station Chief.

His senior positions at Langley include: Chief of Special Activities Division (SAD), Deputy Chief of Africa Division, and Deputy Director of the NCS for Community HUMINT.

a most important MASTER SPY

Questions remain about the mysterious death of suspected Mossad spy - Ashraf Marwan - after coroner rules he was neither murdered nor committed suicide

In keeping with the shadowy life of one of the world's most important spies, a coroner in London couldn't decide how Egyptian billionaire and long-time suspected spy, Dr Ashraf Marwan, met his end in June 2007. Ashraf's body was found on the pavement beneath his fourth-floor luxury London flat by a passer-by. Many in the intelligence community believe his death has all the hallmarks of a murder made to look like suicide. However, there is still great uncertainty, and if this is the case, who was behind his assassination?

A few years earlier, information had surfaced about Marwan's complex role in the 1973 Yom Kippur war between Israel and its Arab neighbours. To the Mossad, he was hailed as a hero because he supposedly provided intelligence forewarning of an attack on Israel. Egyptian Intelligence say he was a

MARWAN WAS A DOUBLE AGENT WORKING FOR EGYPTIAN INTELLIGENCE

Egypt General
Intelligence Services
(EGIS) Chief
Omar Suleiman



Suleiman is one of the most respected and experienced intelligence figures in the world. His presence at Marwan's funeral is a good indicator Cairo still believed he was "one of them"...

On 27 June 2007, Marwan was due to meet with colleagues at the nearby Institute of Directors. Quite by coincidence, one of his business friends witnessed something quite strange as he looked out of a window towards Marwan's luxury flat in London...



mossad codename THE ANGEL



MARWAN WAS A MOSSAD AGENT BURIED DEEP IN EGYPTIAN GOVERNMENT AND INTELLIGENCE

Aharon Levran a senior Israeli intelligence officer said:
"Marwan was the best... he was the best. His intelligence was a bonanza... it was a masterpiece of information."

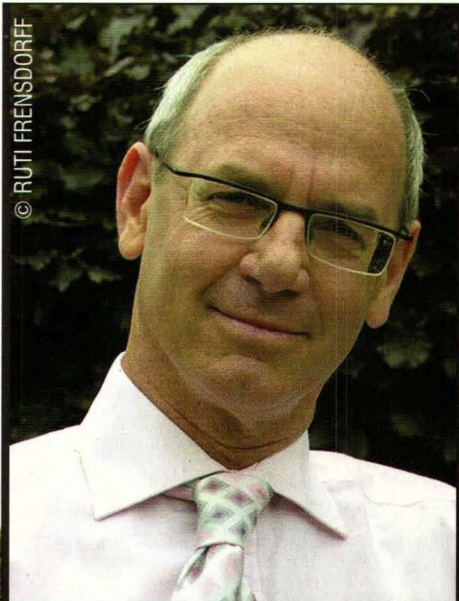
Ashraf Marwan - super spy who died in mysterious circumstances

double agent who was actually working for Cairo. Either way, what happened in London seems connected to his previous role, despite the 'open verdict' issued by the court.

Dr William Dolman, assistant deputy coroner for Westminster, acknowledged that "there was no evidence that Dr Marwan committed suicide." However, he also said the same about the possibility of an assassination.

Readers of this magazine point to several concerns that seem to have been ignored - most of which - at the very least, seem suspicious.

Marwan had almost finished his memoirs about what really happened in 1973, and detailed his life in intelligence thereafter. It is known the only copy that existed mysteriously disappeared within an hour or so of his death.



© RUTI FRENSDORFF

Historian and author Ahron Bregman. He believes Marwan misled the Israelis - "he worked for Egypt..."



A destroyed Syrian T-62 tank forms part of a memorial commemorating the battle for the Golan Heights



Marwan's fourth floor apartment. Note the flowerpots on the balcony

Similarly, the one piece of evidence that could prove he either jumped on purpose or was thrown from his balcony also disappeared - his shoes. Marwan had a health condition that would have meant he had to climb on plant pots sat on the balcony before jumping. Had soil been found (or not in this case) on the soles of his shoes, this would have been an authentic clue. Astonishingly, these were lost or taken deliberately, as many people still believe. And the observation of two "Mediterranean-looking men" seen seconds later on his balcony following the fall, has never been satisfactorily explained.

Those close to Marwan are far from happy with the open verdict, including Ahron Bregman who was assisting Marwan in the writing of his memoirs, a book that undoubtedly many in the intelligence business feared. Bregman was a primary source for the allegation that Marwan was a spy, and not just an ordinary one. "Dr Marwan was a master spy... involved with the Israelis since 1969," Bregman said. "In my view, he misled them - he worked for Egypt. He



Marwan was appointed Egyptian Chief of Staff to President Anwar Sadat



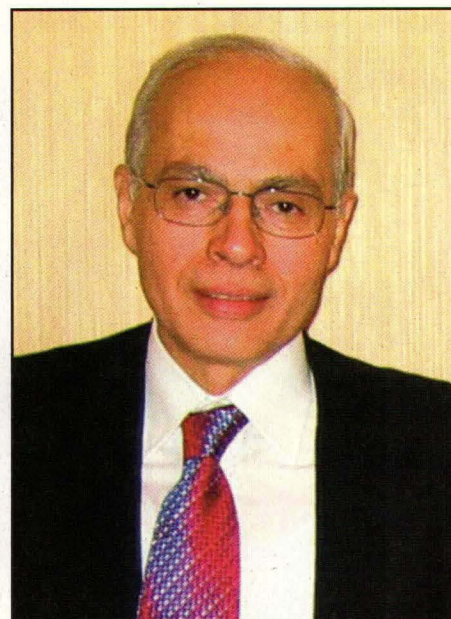
President of Egypt Mohamed Hosni Sayyid Mubarak

was involved with the Italians since 1971 and with the Americans since 1975."

But the mystery does not stop there. Intelligence watchers in the capital believe Marwan had threads to Britain's MI6. There was even talk of a "safe house" in close proximity to his apartment near the Dorchester Hotel. Bregman seems to know something of this liaison and didn't mince words. "And if you go to the offices of MI6 and ask to talk to Tony and Jane - they are the handlers of Dr Marwan in the UK."

British Intelligence is aware of Marwan's concerns about possible assassination, though if he was killed, MI5 seemed unaware of a covert operation in the making. Had the Security Service known, then they would have warned the Egyptian.

Some observers believe the incident has all the hallmarks of a Mossad "hit". Indeed, the Israeli spy agency was discussed by Marwan and



Ashraf Marwan's intelligence contacts were numerous. So too his connections with powerful political and business leaders

"...go to the offices of MI6 and ask to talk to Tony and Jane - they are the handlers of Dr Marwan in the UK"

**Ahron Bregman
Historian and author**

Bregman. "He mentioned at least twice to me that he was afraid and concerned about assassination," said Bregman. "He even mentioned Mossad, and I said to him at the time, and I still believe now, that it is not in the interests of an organisation like Mossad to assassinate him because it would make it more difficult to recruit more spies."

Marwan's widow, Mona Nasser, daughter of former Egyptian President Gamal Abdel Nasser, still believes her husband was murdered. "I'm sure there was somebody else involved," she said. "The truth will come out... he was pushed."

Meanwhile the politics of this fascinating affair go on, with both Egypt and Israel claiming him as "one of their own". Egyptian President Hosni Mubarak said: "Marwan carried out patriotic acts which it is not yet time to reveal..."

With so many loose ends, it's no wonder the coroner opted for an open verdict, but even he admitted there were still "many unanswered questions." Dr Dolman concluded by saying: "We must restrict ourselves to a fact-finding exercise and not indulge in the luxury of mere speculation."

That might be difficult.

SVR



THE RUSSIAN AGENT CONTACT GROUP



On 9 June 2010, an American airline charter carrying 10 members of a US-based Russian spy ring flew into Vienna. At the same time, a jet from Moscow arrived carrying four Russians, all of whom, at one time or another, reportedly worked for American or British Intelligence. The group included the very important MI6 agent, Sergei Skripal, a former GRU (military intelligence) officer and SVR Colonel and CIA agent, Aleksandr Zaporozhsky. Skripal and Zaporozhsky, according to Moscow, betrayed the names of several Russian agents...

Thus the end game was played out in a country once familiar with hosting the Cold War antics of Russian and American spies. The biggest single "spy network" ever to have been uncovered on US soil had been consigned to history. ➤

There was a deep fascination about the SVR spies - in particular the socialite hunter Anna Chapman

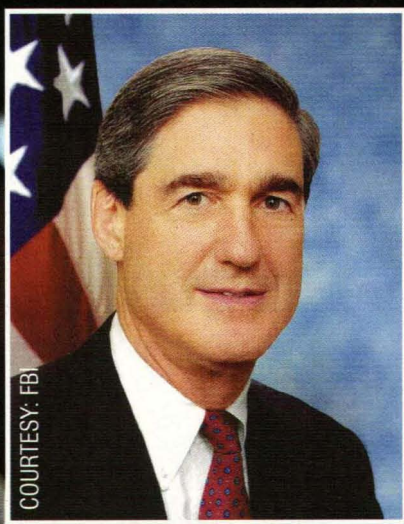


FBI counter-espionage division dismantles 'embedded' SVR spy cell in America

MOSCOW CENTER ILLEGALS

In late June 2010, FBI chief Robert Mueller green-lighted one of the FBI's most extensive counter-espionage operations ever undertaken. Over 100 FBI officers supported by various police forces, acted in unison and arrested ten suspected agents of Russia's overseas intelligence gathering agency - the SVR. This signalled the closure of an audacious Moscow Center programme to embed 'contact' men and women deep into American society. But unbeknown to anyone, officials in his agency, the CIA, MI6 and MI5, had already met to prepare an agent "wish list" for Moscow: operatives and figures Washington wanted freed.

The document was prepared and signed off by Leon Panetta - Director Central Intelligence Agency (D/CIA), and addressed to Mikhail Fradkov, Russia's Foreign Intelligence Service chief. Before anything could happen, the FBI needed to act quickly, hence without warning and simultaneously, the "network" was rounded up.



COURTESY: FBI

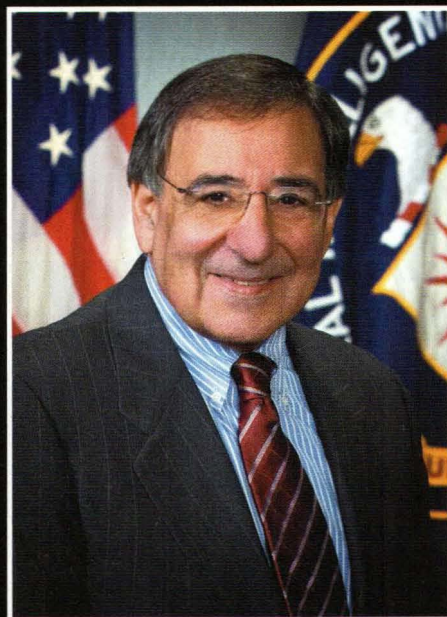
FBI Director Robert Mueller coordinated operation

The proper term used in the intelligence world for type of agent the SVR had deployed in the United States is an "illegal" - thus called because they act outside the relative safety shield of Russia's diplomatic corp. In the UK, they might be described as "sub agents". And despite the press branding most of the people "incompetent", Eye Spy has learned that at least two of the agents had "espionage form".

For the US Intelligence Community it was a coup, and within hours of pleading guilty on 8 July, American and Russian diplomats were in deep discussion over the "spy exchange" which had, of course, been discussed by US intelligence officials two weeks earlier.

THE SVR SPY HANDLER

Some experienced intelligence watchers were unconvinced about the "network's" professionalism. Indeed, it's highly likely all the suspects were familiar with each other. This is something that the SVR should not have allowed to happen. However, that's not the way Assistant US Attorney Michael Farbiarz described them. He rejected calls for bail, saying the spy network was "powerful and



COURTESY: CIA

D/CIA Leon Panetta assembled "spy swap" listing

sophisticated," and warned: "There are a lot of Russian government officials in the United States who are actively assisting this conspiracy."

"There are a lot of Russian government officials in the United States who are actively assisting this conspiracy..."

Michael Farbiarz - Assistant US Attorney



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COURTESY: SVR



Headquarters of the SVR, Yasenevo near Moscow. The Service was created from the First Directorate of the KGB in late 1991

“The SVR is noted for its patience and has similar endeavours running in many countries, including the UK...”

Eye Spy believes none of those detained and flown to Russia were actual employees of the SVR, but had been invited to assist the agency in various tasks, including supporting actual operatives when necessary.

All, including a number of couples, had liaisons with an eleventh operative calling himself “Christopher Robert Metsos”. Metsos, 55, a Canadian passport holder, was central to the financing of the network which spanned various locations on the eastern seaboard of the United States. It is highly likely he was more than a contact agent.

Metsos had travelled to Cyprus but was tracked down by the CIA which asked the island’s state police to detain him. This they duly did as he tried to catch a flight from

Larnaca Airport to Budapest. The next day, however, a local judge released him on bail. Using other liaisons on the island, Metsos “somehow” avoided CIA surveillance officers and travelled north to the Turkish side of Cyprus.

Strangely, it has been revealed that Metsos has been on an FBI monitoring list after he was placed under surveillance in New York in May 2004. It is understood Bureau agents watched as he received a bag containing money from an official linked to Russia’s mission to the United Nations. Why it took a further six years to close down the spy ring remains a closely guarded secret, but Eye Spy believes the group were “spoon fed” disinformation which they duly reported back to their handlers. Metsos’s excursion to

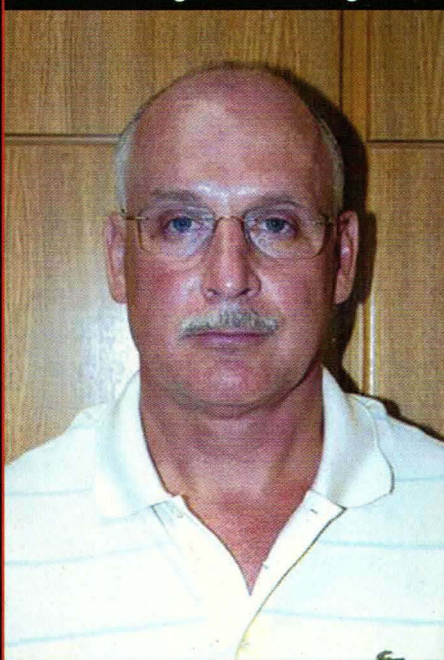


COURTESY: RUSSIAN FEDERATION

Sergey Lavrov was Russia’s Permanent UN Representative at its Mission when FBI surveillance officers watched Metsos receive a large bag of cash from a Mission employee

Cyprus might also explain the timing of the counter-espionage operation. ➔

Christopher Metsos - central to the illegals’ well-being



**Juan Lazaro
(Mikhail
Vasenkov)**



**Patricia Mills
(Natalia
Pereverzeva)**



**Michael Zottoli
(Mikhail Kutsik)**



Several persons belonging to the SVR group have been surveilled by the FBI for a decade

COURTESY: FBI

A MAN FOR ALL SEASONS

KGB agent Hanssen to be questioned?

The FBI is faced with a most unusual situation in that two of the SVR contact agents may well have had connections to the most infamous traitor in the Bureau's long history - Robert Philip Hanssen.

Hanssen is said to have modelled himself on the British traitor, Kim Philby. A 'Stakhanovite' among spies, according to the FBI, he passed on to his Russian controllers more than 6,000 pages of secret intelligence material, much of it concerning how the FBI watched foreign targets. And though then FBI Director, Louis



Louis Freeh - headed FBI during one of the Bureau's darkest periods

Freeh said his treachery was "impossible to calculate," it is his chilling betrayal of Russian double agents in the Moscow Embassy in Washington, that are "unforgivable," according to Freeh.

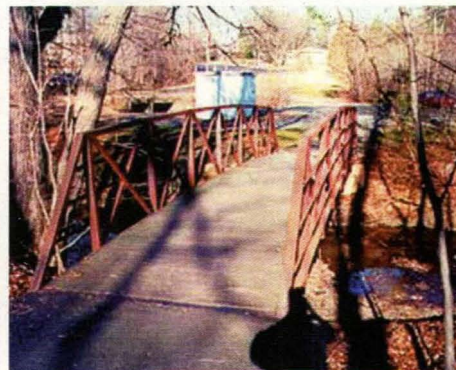
He identified Valery Martinov and Sergei Motorin. These two men didn't suspect a thing when their transfer papers arrived assigning them to other KGB posts. When they arrived in Moscow, they were tried for treason and shot.

Hanssen is also accused of "fatally compromising" an investigation of State Department official, Felix Bloch, by sending a coded message to his handler.

Other charges levelled at the agent include: supplying Moscow with the FBI's Double Agent Pro-



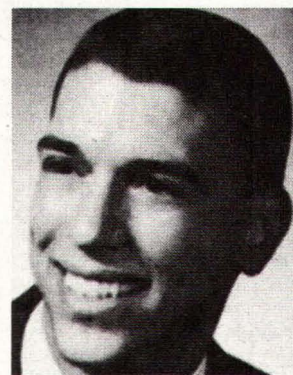
Robert Hanssen and an FBI photo of a dead letter drop used by the spy in Foxstone Park, code-named Ellis



gramme - an in-depth and comprehensive intelligence assessment of future requirements; an FBI study of KGB recruitment and Moscow's efforts to steal US nuclear programmes.

One other charge that has puzzled observers and was not divulged in the court trial concerns: "a highly classified and restricted analysis of the foreign threat to a classified top secret government programme." In total, he was accused of writing 27 briefing letters and delivering 22 packages to 'dead letter drop', 26 computer diskettes and 6,000 documents.

Hanssen, a career FBI officer, passed on a plethora of useful intelligence for over 20 years.



A rare image of Hanssen during his college days

Arrested on 18 February 2001, near his home in Vienna, Virginia, he was given a life sentence with no chance of payroll...

AGENTS NOT SPIES...

The US Justice Department was quick not to file espionage charges against the suspects, instead accusing them of "conspiracy to act as unlawful agents of a foreign government", a crime which carried a prison sentence of up to five years.



Russia's Foreign Ministry, denied the suspects were SVR spies: "In our opinion, such actions are groundless and pursue unseemly aims."

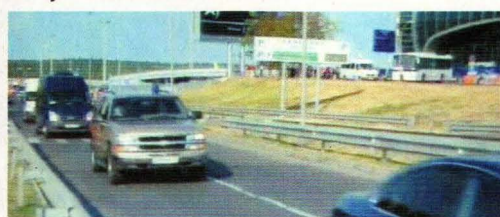
The "deep cover" sleeper agents were undoubtedly part of a major long term operation which the Russians planned over a decade ago. "The SVR is noted for its patience and has similar endeavours running in many countries, including the UK," said an Eye Spy consultant very familiar with the Service's modus operandi. It's also quite likely that some of the contact agents were supporting other active spies who are still in place. This could well explain why Moscow was keen to go along with the CIA's offer of a "spy swap".

Court documents reveal several intercepted messages captured by the NSA's overseas

listening stations - these exposed unusual contact (see Paul Beaumont's 'Radio Communication' feature). And though both Russia and the United States tried to play down the incident, a number of signals were of major interest to the FBI's counter-espionage division. These included inviting agents to acquire information on nuclear weapons programmes, bunker-busting bombs, the position of America in respect of arms control, the country's intentions on Iran, the infighting between CIA and the ODNI, White House rumours, and emerging political parties.

It has also transpired that a top American weapons' scientist and an intelligence official had innocent liaisons with members of the group.

NOT AMUSED: Mikhail Fradkov - Chief of Russia's powerful SVR. It is understood Fradkov is privately fuming at the collapse of the agent support ring - a reason perhaps that the contact agents were given a less than warm welcome when they arrived back in Moscow...



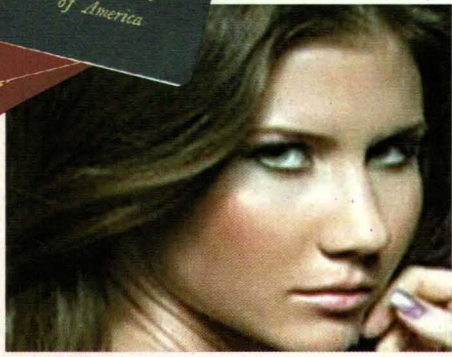
PASSPORT GAMES

MI5 RECONSTRUCT EVENTS IN LONDON

There is much speculation in the United States and Britain that Anya Kuschenko [Anna Chapman] married an Englishman simply to obtain a UK passport - this to help the deep cover SVR programme she was about to embark upon.

MI5 officers have been busy securing information on this scenario, and one e-mail acquired from an unidentified agency, presumably NSA or GCHQ, probably provides a clue. Chapman wrote to a former boy friend in Moscow about her marriage:

"We lived together for the first year, then after we got married, we moved to London. Then I dumped him, got the passport and continued living in London on my own..."



LADDER CLIMBING

Of course much information on any of these topics could have been acquired from open sources, but it is believed one or two individuals had been asked by Moscow to engage with leading US citizens who held a deep insight into such matters. The CIA terminology for such actions is "ladder climbing" or "penetration".

Several agents had joined business ventures, political and policy making organisations, pressure groups and other educational organisations to help them "hide in plain sight" and be in a position to obtain useful intelligence. However, it's their role as contact agents which the Bureau continues to investigate in an attempt to expose American-based SVR professionals - who are as good as anyone in the game of espionage.



Tracey Lee Ann Foley
arrested in Boston. Her
real name is Elana
Vavilova

Conduits of CIA Disinformation



For years, the US Intelligence Community via the CIA, "ran" the Russian "spies" as conduits of "disinformation". Their worth to America had either expired or the SVR learned its contact agents had been exposed



Anya Kuschenko worked for NetJets Europe in this Kensington building from May to July 2004

© SNAPPERJACK OF LONDON

THE SVR-MI6 INTELLIGENCE WAR



Russian security officers give suspected MI6 agent - Colonel Sergei V. Skripal - a "rough time"

Most intelligence watchers believe America fared better in terms of the spy swap, though some analysts say that unless the four persons freed to the West retained a few "intel gems", neither side won. Another consideration is that the CIA has lost a valuable channel to direct disinformation via the Russian agents to Moscow.

The four released "spies", pardoned by Russian President Dmitry Medvedev, and who are said to have provided intel to the US and UK are: Igor Sutyagin, Col. Sergei V. Skripal, Aleksandr Zaporozhsky and Gennady Vasilenko....

ALEKSANDR ZAPOROZHSKY MOSCOW - CIA AGENT

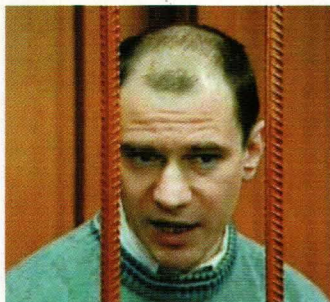
SVR Colonel Aleksandr Zaporozhsky, 69, is perhaps, the most interesting of all four men. US sources say Zaporozhsky provided the CIA with an abundance of intelligence and was "well paid for it" - about \$2 million.

There is much speculation in Russia that it was Zaporozhsky who exposed the Russian agent and FBI man Robert Hanssen. It's said he still owns a property in the State of Maryland, which he obtained after his retirement from the SVR in 1997, and when he started to work for a US company. He was lured back to Russia in 2001, where he was subsequently arrested for

espionage and sentenced to 18 years hard labour. His CIA code-name was 'The Scythian'.



IGOR SUTYAGIN MOSCOW - CIA-MI6 AGENT



Igor Sutyagin, a nuclear specialist was jailed for 15 years in 2004, for supposedly passing secrets about submarine and missile technology to a UK firm which the FSB state was a CIA front. Sutyagin, who was arrested in 1999, in his home town of Obninsk, central Russia, has always maintained that everything he provided was "open source". The FSB insist Sutyagin operated on behalf of the CIA and MI6.

SERGEI SKRIPAL MOSCOW - MI6 AGENT

The FSB claimed Colonel Sergei V. Skripal, 60, worked for MI6. In



CIA headquarters: MI6 and CIA discussed spy exchange

2006, he was sentenced to 13 years in prison. Skripal, a GRU (military intelligence) officer, is said to have given MI6 the names of many Russian undercover intelligence operatives in the UK and Europe. According to Russian sources, MI6 had paid him \$100,000 (£76,000) through a secret bank account in Spain. Every time information was routed through to Vauxhall, the bank account grew. Film footage showed Skripal being "roughed up" by security officers and driven away.

Skripal's "demise" came just months after another Russian Intelligence success over MI6. In this case a transmitting and receiving device disguised as a rock



was discovered in a Moscow city centre park. MI6 officers were filmed by the FSB visiting the site. When these images were published, their usefulness as undercover operators was finished. As for Skripal, it is believed he will be given a "healthy" annual pension worth between £30,000-£40,000.

GENNADY VASILENKO MOSCOW - CIA AGENT

Former KGB officer Gennady Vasilenko, 68, was employed as a security officer by Russia's NTV television. In the 1970s, he was attached to the Russian Embassy in Washington where he became a central figure in a Soviet spy ring. His liaisons with the CIA were reportedly uncovered and he was arrested in 1988, during a trip to

Cuba and sent back to the then USSR. It is believed Vasilenko had connections to Robert Hanssen.





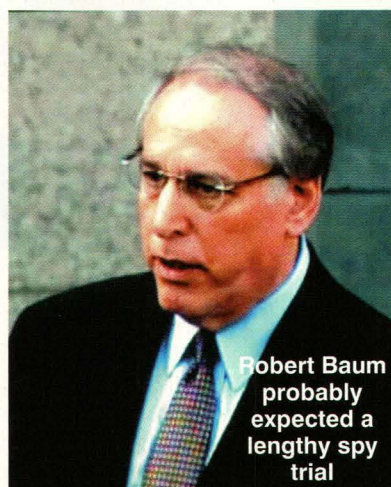
US COURT HOUSE, ALEXANDRIA, VIRGINIA

Two of the SVR contact agents appeared here before a judge. The court has hosted several important spy and terrorist cases in recent years and would probably have been used in the trial of the Russians

Anna Chapman
in London



VIA FACEBOOK



Robert Baum
probably
expected a
lengthy spy
trial

Solicitor Robert Baum, said his client was "upset" that photographs of Anna Chapman [Kushchenko] uploaded on Facebook had appeared in the media. He also commented on Chapman's father who he described as a "low level" diplomat. As for Alex Chapman, who intimidated Vasily Kushchenko worked for Russian Intelligence, Baum said: "He may be somewhat bitter about it..."

SVR: THE RUSSIAN Continued from page 15

Communications sent to the agents left FBI case officers in no doubt the individuals were engaged in spying: "Your education, bank accounts, car, house etc - all these serve one goal: fulfil your main mission, i.e. to search and develop ties in policymaking circles in US and send intels..." one signal read. This followed an intercepted message that spelt out the wider programme: "You were sent to USA for long-term service trip". The intention? To become totally "Americanised".

TRADECRAFT

The FBI were quick to point out that the actions performed by some of the agents could be likened to spy tradecraft taught by fully operational trainers, including the use of 'brush passes', invisible ink, coded and radio communications and the constant travelling to specific points or dead letter drops to pick up money, information and orders, presumably from Metsos or a more experienced operative. Other more advanced spycraft was also carried out - images sent over the Internet by the suspects contained coded messages. This type of communication is called steganography and is widely used to try

AGENT CONTACT GROUP



and defeat the powerful search and intercept engines of NSA and GCHQ.

FBI UNDERCOVER

In 2009, armed with much intelligence provided by the NSA and CIA, the FBI created

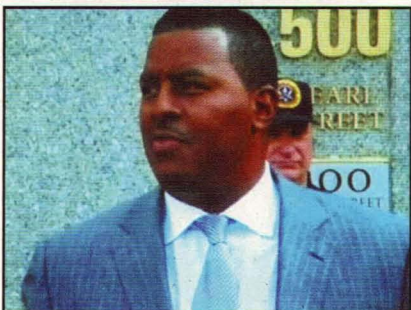
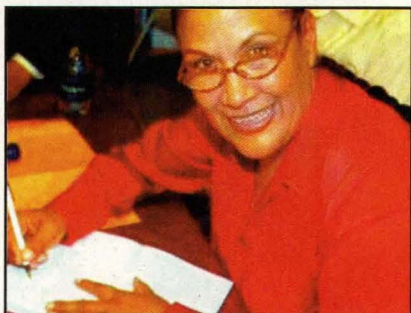
a special task force to identify as many of the illegals as possible. It did not take long to discover that the vast majority of the suspects were using false identities. Incredibly, one man is said to have gone undercover just a couple of years after the fall of Communism two decades ago.

ANALYSIS

Chapman's reaction, subsequent contact and communication following the US passport sting was monitored by FBI counter-espionage division. Officers were left in no doubt she was "quite willing" to help Russia and "fully aware" of the implications of what she was doing...

STILL PLAYING THE SVR SPY GAMES OR GENUINE FRUSTRATION AND DISBELIEF?

According to solicitor John Rodriguez, when Vicky Pelaez, the only non-Russian arrested in the spy scandal, saw her husband of 18 years, Juan Lazaro, for the first time after their arrest, she asked him: "What's your name? What's your real name?" The answer: Mikhail Anatonoljevich Vasenkov.



The incident which probably triggered suspicion in Moscow happened just days before the FBI swooped. An undercover officer posing as a Russian consulate employee handed Chapman [Kushchenko] a passport which she was to deliver to a "Russian spy". The passport, the agent explained, was forged. Chapman's solicitor said his client immediately

called her father Vasily Kushchenko, and asked what she should do. "Take it to the police," was his advice. "You've got this passport, it's forged. Go to the police." She reportedly handed the document to police at a Manhattan station. However, US Intelligence was listening and watching. FBI intercepts reportedly reveal the conversation didn't go quite like Chapman described. A man on the other end of the telephone said "make up a story... tell the police you are being intimidated... go to the police - say it's criminal activity... get out of the country..."

Journalist Vicky Pelaez, 55, and a man known as "Juan Lazaro", 66, were arrested in Yonkers, New York State. Lazaro immediately told the FBI that this wasn't his real name, nor was he born in Uruguay as his friends and neighbours had assumed. He was in fact a Russian - Mikhail Vasenkov. More damning was his admission that his house had been paid for by the SVR and that he had used his wife, a journalist with the Spanish-language newspaper *El Diario* in New York, as a courier delivering letters to Russian agents and his handler - presumably Metsos. It's not the kind of admission a front-line spy would make, and again evidence of the type of agent involved in the spy ring. Pelaez's solicitor said that within hours of his client landing in Moscow, she had been given a "take it or leave it" pension of \$2,000 a month for life, a house in the capital and visas for her children. It was an "all or nothing deal".

The contact agents include a couple known as "Richard and Cynthia Murphy", who were arrested in Montclair, New Jersey. They have

resided in the US since the mid-1990s. FBI officials found eight unmarked envelopes each containing \$10,000 in "apparently new" \$100 bills when they searched a New Jersey safe deposit box linked to the couple. Richard Murphy posed as a US citizen from Philadelphia but also used forged Irish documents in the name of Eunan Gerard Doherty. It didn't take the FBI long to discover they were really Russians - Vladimir and Lydia Guryev.

Former UK resident Anna Chapman, was arrested in New York City. Her father was an alleged senior KGB officer (see sidebar). Three others - Mikhail Semenko and a couple known as "Michael Zottoli" and purportedly Canadian-born "Patricia Mills", 48, appeared in a federal court in Alexandria, Virginia, after being arrested in Arlington, Virginia. The couple are also Russians - Mikhail Kutsik and Natalia Pereverzeva. The final two people - a couple known as "Donald Howard Heathfield" and "Tracey Lee Ann Foley" - were arrested in Boston. Both are Russians - Andrei Bezrukov and Elana Vavilova. Heathfield was reportedly running a business called Future Map Strategic Advisory Services and is said to hold a Canadian passport.

All the suspects, except Ms Chapman and Mr Semenko, were charged with conspiracy to commit money laundering.





The plush apartment in Kensington once occupied by the Chapmans



COURTESY: US MARSHALS SERVICE

THE VYDIZHENET

Anna Chapman [Anya Kuschenko] can be described in former KGB speak as a "Vydizhenet", a protege who has been "pushed" into a career of spying. This "push" was almost certainly inspired, if not directed by elements in Moscow. But her good looks, innocent expressions and calm nature can't hide the fact she was fully prepared for a life of international espionage....

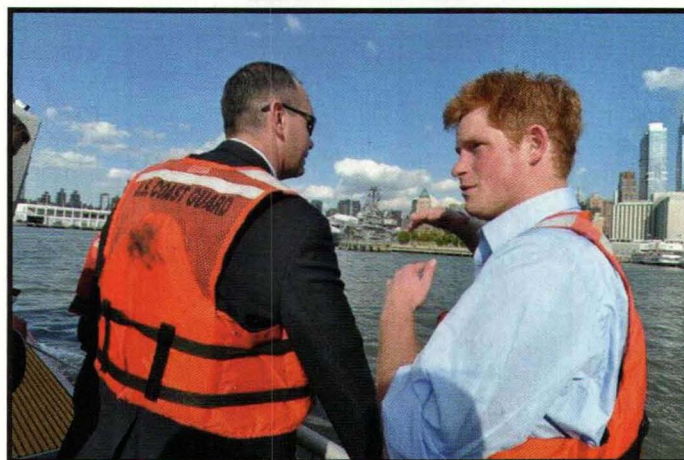
Intelligence sources in the UK are fairly convinced Chapman, at least for a while, tried to meet with Prince William and Prince Harry at an exclusive London club - one of the Royals' favourite night spots. This as she attempted to join a social circle close to the princes. One friend recalled: "I remember her talking about them [the Royals], she was very careful not to be seen as the sort of girl who hangs around waiting for them... but this is exactly what she used to do..." Eye Spy understands the Security Service has already investigated the alleged contacts.

The former British husband of Chapman, Alex, 30, said her arrest didn't come as a surprise to him. He conjectured that her father, Vasily, himself an alleged former senior KGB intelligence man, recruited her into the world of espionage. Anna

had told Alex her father was a diplomat.

The couple met at a dance in London and within a short space of

time they married in 2002. During her stay in London, Anna lived in Thurloe Street, an area of the city which during the Cold War, was the epi-centre of Soviet spy games. But



Prince Harry pictured with a US security officer. MI5 is investigating Anna Chapman over her alleged attempts to "get close" to the Royals via the US and UK's "social scene"

End game for the would-be SVR spy Anna Chapman. This 'mugshot' was taken by the US Marshals Service

within months, Alex noted his wife's demeanour had changed. Anna soon turned her attention to America and financial gain. In 2006, the couple separated.

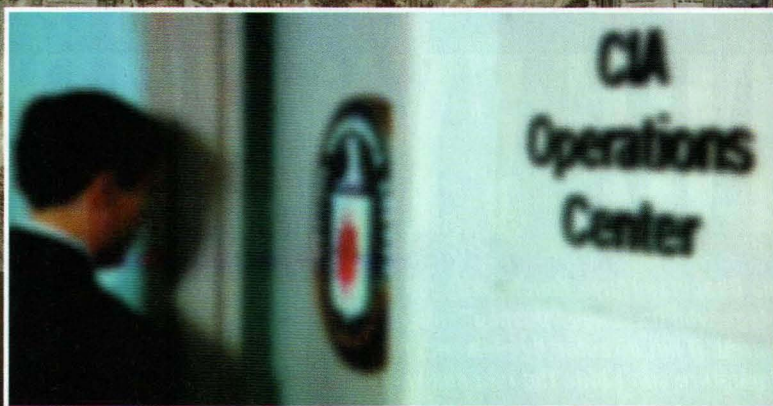
Mr Chapman said: "Her father controlled everything in her life, and I felt she would have done anything for her dad. Towards the end of our marriage she became very secretive, going for meetings on her own with 'Russian friends', and I guess it might have been because she was in contact with the Russian government." He went on to say that Vasily would liaise with senior Russians and appeared to have more security than ordinary diplomats.

News of Chapman's arrest and her former London connections resulted in MI5 paying Mr Chapman a visit. He explained that she had established an Internet property company which wasn't performing very well, but that in 2009, things suddenly improved and his former wife said she now employed 50 people. She was also mixing with high-profile business and entertainment figures. Sources in Russia said she boasted that "the State" had given her \$1m to help her business.



Langley's ongoing "brain drain" black programme enticed Iranian scientist to the United States with money... lots of it

CIA

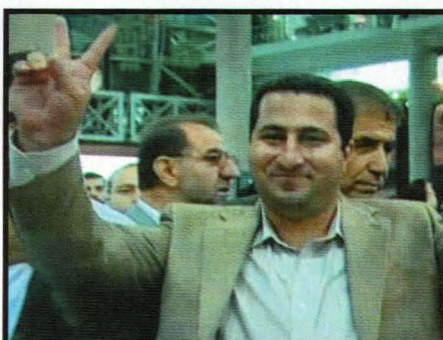


ALTERNATIVE 1

Iranian Intelligence has long claimed nuclear scientist, Shahram Amiri 32, was kidnapped by a tri-party undercover unit in May 2009, made up of CIA, Saudi Arabian Intelligence and Mossad operatives. And in July, Amiri sought sanctuary in Pakistan's Washington DC Embassy. Days later, he was back in Tehran.

This strange affair is undoubtedly fascinating, but many intelligence watchers believe Amiri is playing a most dangerous game with the unpredictable authorities in Iran.

Since the turn of the year, conflicting stories and videos featuring Amiri have been played on the Internet. On two tapes, the scientist says he was kidnapped by the CIA at gunpoint



Victory Salute! Shahram Amiri arrives back in Iran to a heroes welcome - but he has already become a pawn in the spy and propaganda games between America and Iran. He will also have some tough questions to answer...

as he attended a religious event in Saudi Arabia. On another, he says he is in America on his own initiative, and clearly this statement seems nearer the truth after he simply walked into the Pakistan Embassy in Washington DC. Pakistan handles Iran's affairs in the USA.

So what's the true story?

Amiri, we understand, was introduced to another scientist in Saudi Arabia after being identified by Middle Eastern intelligence contacts almost certainly run by the Mossad. They were aware of his connections to Iran's nuclear facilities. Offered a significant amount of money, a new identity and travel to the United States (with an understanding his family could join him), Amiri was secreted out



Amiri with his son unconvincingly voices his anger at the CIA and America...

of Saudi Arabia through Mossad channels. He had effectively become part of a clandestine CIA-black programme code-named 'Brain Drain', or as some intel watchers have dubbed it - "Alternative Three" or "A3" - this after the best-selling book published over three decades ago by Leslie Watkins and David Ambrose. The book resulted in a spoof documentary made by Anglia Television in the UK (1977) and featured all manner of "strange" goings on, including "disappearing scientists". It eventually transpired the "brain drain" of leading international scientists was linked to a secret US space programme.

The real Brain Drain programme is a multi-million dollar - long-term operation fronted by the CIA to try and secure the services of

foreign scientists. In recent times it has paid particular attention to individuals from "conflict countries" such as Iran and North Korea. The agency has sufficient monies to run overseas operations and resettle up to 100 people in any given twelve month period, though no budget actually exists.

As for events most recent, Amiri says he was kept under "lock and key" in the United States and coerced into providing information.

Threats against his family and a warning that he would be sent to a secret Mossad interrogation centre in Israel, forced him to "cooperate" with the CIA. "There were interrogators from Israel present in some sessions and it was evident that they had planned to move me to Israel," Amiri alleged.

That's hardly likely as Amiri was part of the Agency's National Resettlement Operations Center (NROC) programme and would have had access to advisors and internal support staff. Any mistreatment, especially coming so quickly after the business at Guantanamo Bay, would have raised concerns at Langley.

As for the video which shows him happy and content, Amiri says he was "drugged" and "subjected to physical and psychological torture."

However, Amiri has said nothing of the five million dollar contract he allegedly signed as part of a major package offered by the CIA for him to impart intelligence on Iran's nuclear sites, and probably more important, its weapons' programme. Eye Spy also understands it was Amiri himself who told the CIA where to deposit the money.

On his return to Iran on 15 July, which was trouble free and unhindered, just like his drive



Uranium enrichment facility at Natanz

"I'm a simple researcher. A normal person would know more about Natanz than me."

to the Pakistan Embassy, Amiri rubbished suggestions he had imparted anything of use to the CIA: "I'm a simple researcher. A normal person would know more about Natanz than me." As for the \$5 million, Amiri said the CIA

HREE



A film clip first shown on Iranian television in late Spring that appeared on YouTube. Amiri, wearing earphones, tells of his abduction by CIA agents and his desire to return home.

By now officials at Langley realised he wanted to return home, but why?



Amiri is greeted by his seven year-old son. Eye Spy understands a television conversation with a relative late last year resulted in a change of mind about his defection. Amiri was told Iran's "spooks" were threatening his son



offered him just \$50.00 (£32.50). And then, in a later interview, he said the CIA had "upped the ante" and promised a "reward of \$10 million" if he would appear on video "denouncing the Iranian regime and its propaganda..." Nothing really adds up here or makes sense.

Amiri definitely agreed to journey to the United States on his own accord. There's no doubt about that. Similarly, few doubt a plethora of promises were made to him by the CIA. Intelligence sources in Washington say Amiri imparted freely important information on Iran.

What's not widely known is that he retained contacts at the Malek-e-Ashtar Industrial University which has been a target for MI6, CIA and the Mossad for the best part of a decade. The facility hosts an intelligence element run by the Revolutionary Guards which the CIA believes is a front and central to Iran's support of terrorist groups, including al-Qaida. Amiri lectured at the university which also hosts a secret training facility for students entering the country's intelligence corp.

HOME SICK

In early 2010, Amiri told two CIA officers assigned to his case that he wanted to return to Iran. By then, of course, Langley officials had decided that he had divulged just about everything he could have on Iran's nuclear programme, the country's infrastructure and ambitions. "It was a problematic moment," said one Eye Spy CIA source, "but manageable."

The CIA still handles at least two or three other Iranian scientists who fled Iran in 2009. These men have been given new identities and have



"It was a problematic moment... but manageable"
- CIA source

A close-up of the Natanz nuclear site



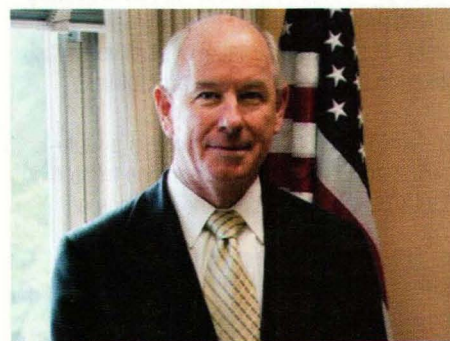
UNCERTAIN TIMES FOR THE REDEFECTOR

Intelligence is often a two-way street, and Iranian officials will seek to extract as much information from Amiri about his time in America as possible: in particular, how he was extracted from Saudi Arabia and his interrogations with CIA questioners. Equally important, they will want to learn if Amiri has been groomed by Langley as an agent and sent back on an insertion mission. Either way, the CIA seem unconcerned and have rebuffed suggestions emanating from some quarters in Tehran, that Amiri was "under control" (Iranian) throughout the period of his stay in America.

been joined in the United States by their families. Therefore Amiri, in all probability, had exhausted his usefulness to the Agency, but still, his return to Iran was regarded as a propaganda coup for officials in Tehran... publicly at least. The burning question they now want answered is just how much he told Langley.

On his arrival back in Iran, at Imam Khomeini International Airport, Amiri said: "I am so happy to be back in the Islamic republic." This as he gave a victory salute. He was soon joined by his 7-year-old son at a press conference.

State Department spokesman Philip J. Crowley said: "Amiri was here of his own volition and left

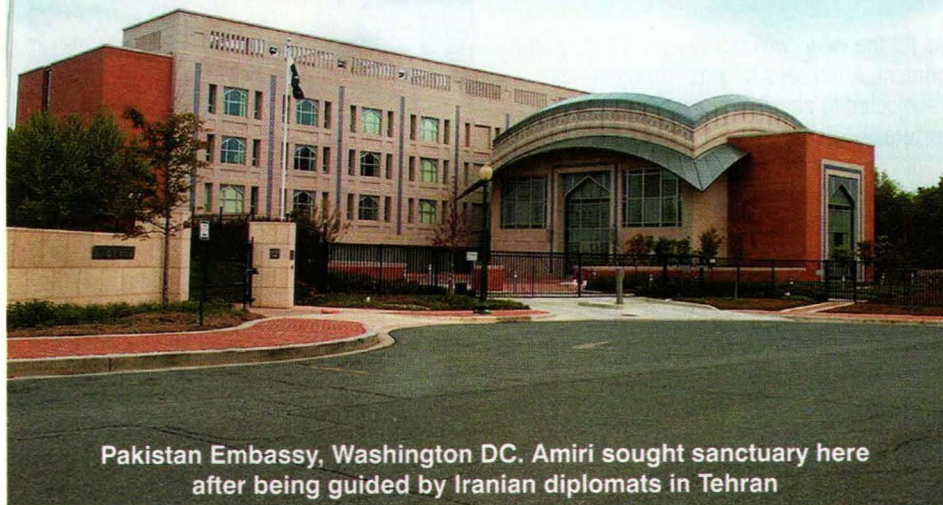


Philip J. Crowley - has much experience in intelligence matters

of his own volition. If he wants to talk about this, he can." Another official said: "He just wanted to see his family and, unfortunately, he chose a dumb way to do it... lying about what happened to him here to try to build up his credibility back home."

A CIA source close to the affair said: "We got the information we wanted... Iran got their man back."

As for the \$5 million, this was the overall payment which would have been deposited in increments of about \$100,000. If any money had been funnelled into his account, Amiri is unlikely to get it as global banking and trading restrictions placed on Iran has meant many of its assets are now frozen.



Pakistan Embassy, Washington DC. Amiri sought sanctuary here after being guided by Iranian diplomats in Tehran



PHOTO SPECIAL

SPAWAR

Space and Naval Warfare Systems Command



Commander SPAWAR
Rear Admiral Michael Bachmann

An overhead view of one of the most important intelligence hubs in the United States of America. This is the headquarters of the Space and Naval Warfare Systems Command (SPAWAR) situated in San Diego. The organisation provides support for Intelligence, Surveillance and Reconnaissance (C4IRS), Command, Control and Communications. It is a vast networking centre that "speaks" to all land, air and sea elements of the US Navy.

An array of top secret programmes and research are hosted by this huge facility, making it one of the most sensitive intelligence sites on the planet. It has various satellite sites that provide support, many of which are linked to America's Intelligence Community (IC).



Banks of computers at SPAWAR

top secret america



**US broadsheet
“shakes the
intelligence tree”
as it tries to
calculate the size
and purpose of the
American Intel
Community (IC)...**

- 1. Intelligence**
- 2. Counterterrorism**
- 3. Homeland Security**

Around 100 years ago, Britain's fledgling Secret Intelligence Bureau had a couple of dozen employees, a small office in Westminster, one kettle, and a budget of less than £10,000 per annum. That money paid wages, rent, bills, tea, and yes, funded agency work. One hundred years later, and just across the 'Pond', details are starting to emerge of the enormous scale of America's burgeoning intelligence system. The statistics, if accurate, are quite staggering.

For the best part of two years, a small team of journalists from *The Washington Post* (WP) have methodically researched the US IC in an attempt to find out just how big it is, and has it made America safer? Now, besides the known 16 premier agencies and dozens of various military/civilian elements in the armed forces, the paper has traced over 1250 government organisations and almost 2,000 private concerns that are threaded to:

- 1. Intelligence**
- 2. Counterterrorism**
- 3. Homeland Security**

Journalists from the Washington Post investigate the multi-billion dollar industry known as the US IC but what was the true purpose of its investigation....?

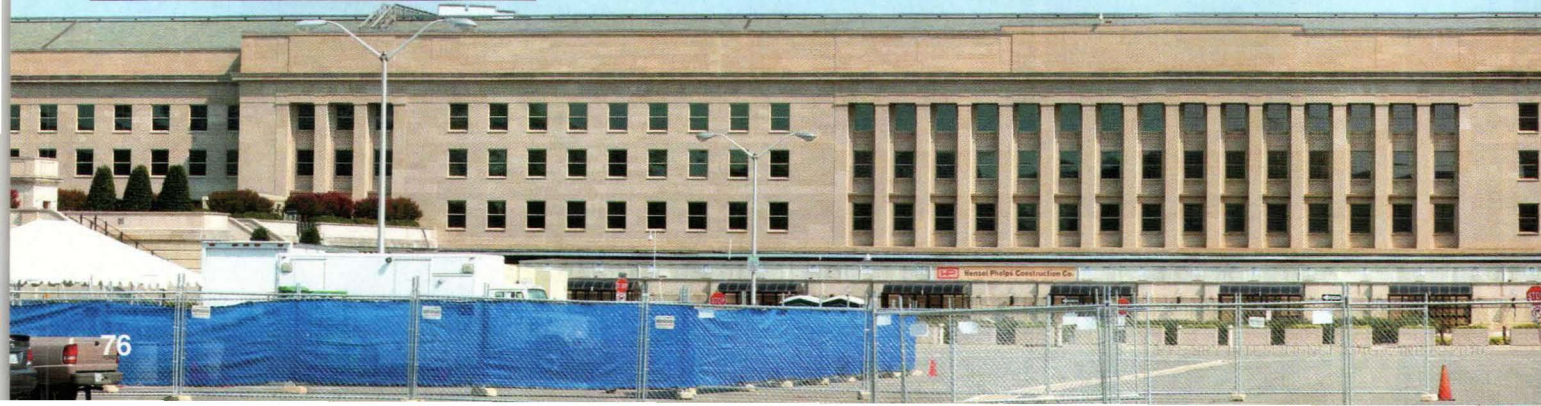
Of course all three categories have hundreds of 'offshoots', but what is equally surprising, is that they are located in an amazing 10,000 sites across the country. However, with 50 States, each requiring stand-alone offices, this might not seem so improbable.

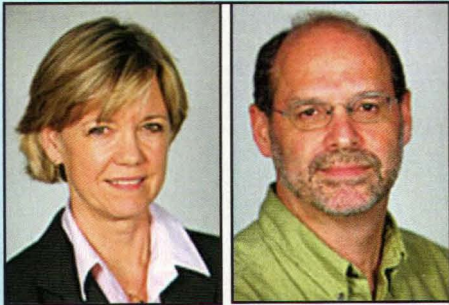
Since 9/11, the United States has by necessity put an enormous amount of effort into intelligence and security. The terrorist attacks were the stimulus causing the US IC to 'explode' into what has become an absolutely huge organisation. To action the machinery of intelligence, the WP claims over 850,000 people in the United States carry top secret security clearance. This does not include many thousands more with lower-level security passes. One shudders to think how

the FBI's compact counter-espionage division feels about this.

Of course to accommodate the work of all of these people, buildings and premises are required. So the newspaper set about trying to find them all... at least those that are both traceable and accountable. To try and put this into some sort of context, before MI5 moved into its current headquarters on the River Thames, the Service operated in about 12 locations in the capital - all but a couple were regarded as secret. Since 2001, over 30 complexes have been built or are under construction in the greater Washington DC area alone. Now these are not just small offices or two-storey extensions; together they have a combined space to fit three Pentagons or 22 Capital buildings inside. In old 'measurement money', that's about 17 million square feet.

The US IC keeps getting bigger - and with this comes two major dangers - duplicity and the likelihood critical data and reporting will bypass the analysis mechanism. The authors of *Eye Spy* have long commented on this important factor. Relevant to the question of duplicity, and on the subject of counter-terrorism, the WP concluded:

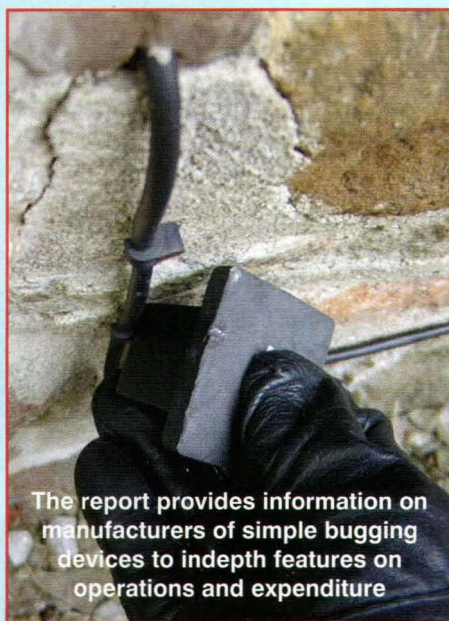




Dana Priest and William M. Arkin - two of the senior Washington Post journalists behind Top Secret America. Over 20 people were involved with research and production

"...51 federal (national) organisations and military commands, operating in 15 provisional cities, monitor the money flow to and from terrorist networks".

Following the review of the US IC after 9/11, there was quite rightly concern about the "loss" of and sheer "weight" of intelligence passing through the system. It was never designed to cope with terrorist intelligence on the scale that was necessary to out the bombers. The Dept. of Homeland Security came first, then the Office of the Director of Intelligence (ODNI) was created to filter intelligence to the relevant authority or agency; more recently, Cyber Command came into being, though here too, various other cyber units still function. The ODNI was essentially a sharing and routing commodity whereby intelligence could not get lost... was passed on immediately. The ODNI was a good idea, but this



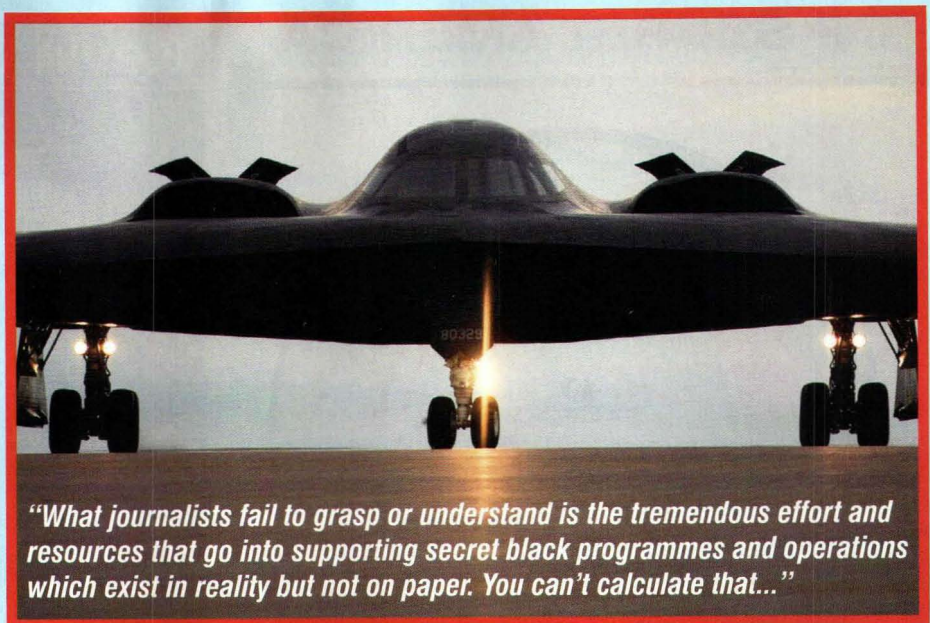
The report provides information on manufacturers of simple bugging devices to indepth features on operations and expenditure

created yet another intelligence level, another door and letter box, another filing cabinet where intelligence was sent by everyone. It then had to be examined and forwarded on again. Now, this intelligence has mounted up. US analysts are publishing a mind-boggling 50,000 intelligence reports every 365 days. If these WP figures are correct, how is it possible to sit down and examine all of this material? The truth? Mission impossible...

"Waste, fraud and abuse. You've got the waste, but there wasn't the fraud and abuse..."

Gordon Adams, former senior White House official for security budgets

Other intelligence facts were also reported upon. For example, the WP says the National Security Agency uses a plethora of computers to "ingest" 1.7 billion e-mails, phone calls and other communications every day. But these figures and added commentary don't add up. The NSA may monitor the lines and airspace, but it certainly does not have the capability to actually record such vast amounts of data, let alone



"What journalists fail to grasp or understand is the tremendous effort and resources that go into supporting secret black programmes and operations which exist in reality but not on paper. You can't calculate that..."

TOP SECRET

850,000 employees have Top Secret security clearance

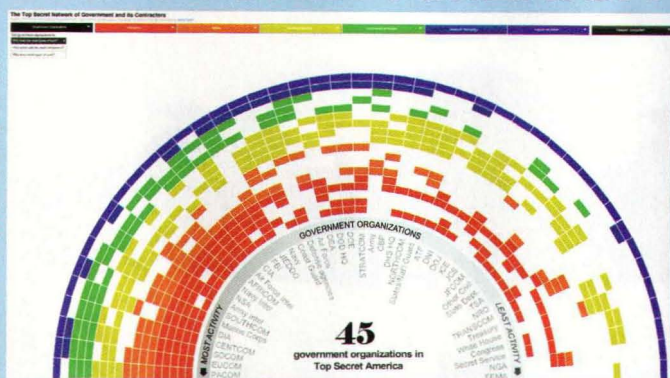
analyse it properly. Information is given its place on a 'spiralling ladder' of importance which can be examined more fully, and if requests are made by fellow IC agencies.

Fifteen years ago, the giant NSA base at Menwith Hill, England, had the capacity to entertain about 100,000 calls a minute. This as its cables wended their way into the British Telecommunications lines. But the 'System', as NSA staffers refer to it, does not record every word, rather it hunts down intelligence (key words, phrases etc.) and changes it to a medium which its super computers can analyse *if necessary*. The WP statistics seem very wide of the mark, though it says "every data point" is substantiated by at least two public records. Some phrases and WP paragraphs seem drawn from intelligence watchers who monitor and talk about the ECHELON system. Whilst this is an impressive programme (with contributions coming from the UK's GCHQ), some writers claim it records THREE BILLION communications every day, it does not! Primary NSA intercept functions focus on targeting specific areas (terrorist chatter, espionage activity, information flow etc). Once the 'source' is in 'picture', the NSA can, if it



TOP SECRET AMERICA

GRAPHIC: THE WASHINGTON POST



chooses, record in full and also in a manner familiar to most of us. We would not, however, question the newspaper's comment that the Agency has threads and contacts to 484 companies which "perform top secret work with the NSA". The NSA is a secret defence element and thus operates with contractors every day. By its very nature the work is classed as top secret. It's not a big secret, nor is it surprising.

As for Top Secret America, some leading intelligence and military figures have broadly dismissed the data and findings using the word "speculative". The WP should not be upset at this, for intelligence officials usually describe reports that are annoying, but accurate, as "speculative". The hit movie 'Pelican Brief' comes to mind. Senior intel staffers who have watched in disbelief at what they call the "watering down" of the US IC, have not been so critical. Their 'old school' silence reveals everything.

Does all of this make America safer? It's hard to say, but many intelligence watchers believe a more compact security and intelligence system might be more manageable and love it or hate it, the WP's 'Top

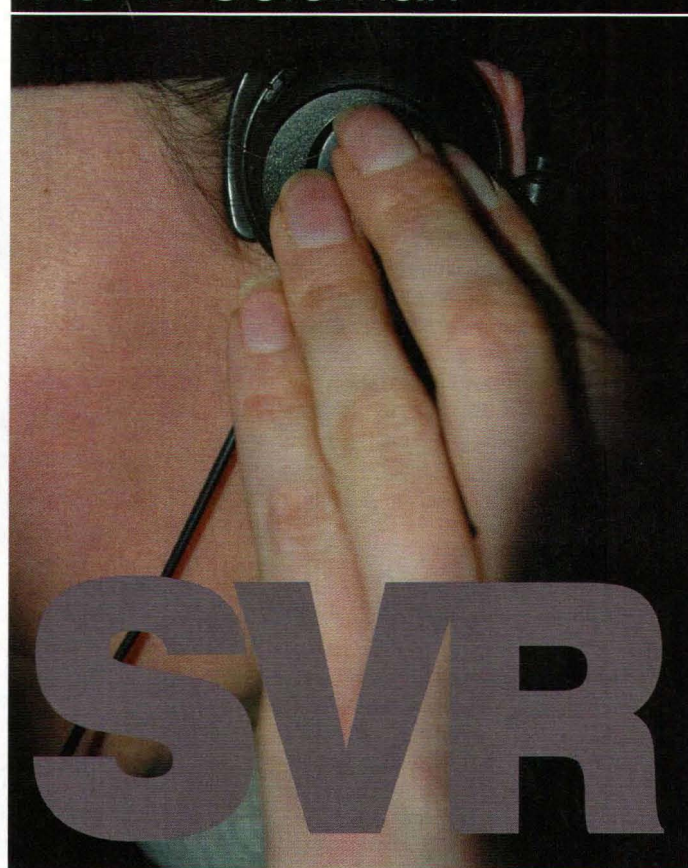
Secret America' makes for absorbing reading.

Editor's note: The journalists who spent two long years following the intelligence trial and burning the midnight oil have produced a fascinating report. To a large degree the WP have also been responsible, removing the actual purpose of a great many contract companies. They have also liaised with the authorities to an extent. It is evident an enormous amount of time and effort has gone into this report. Information, super graphics and a host of skilfully written overviews. Is it 'deadly accurate' - not a chance. And I'm not sure why it was written in the first place. Has the WP a hidden agenda here?

What journalists will never understand is the tremendous effort and resources that go into supporting secret black programmes and operations which exist in reality but not on paper. Sometimes what appears as "money waste" could actually be finances that are diverted elsewhere. You can't calculate that. Nevertheless, Top Secret America is a colossal stand-alone report that I doubt anybody could or would want to repeat.

LINKS:
www.washingtonpost.com/top-secret-america

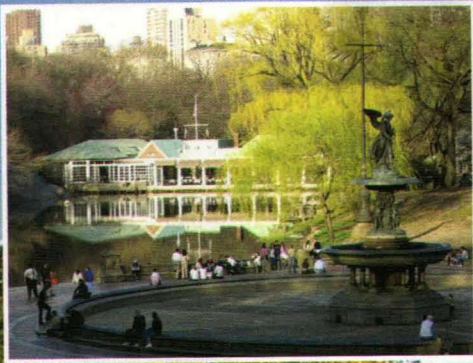
Kevin Coleman



RUSSIAN SPY NETWORK

Eye Spy senior US editor Kevin Coleman has been tracking the antics of the SVR agent contact group and reveals its operatives used a mix of both modern and familiar tradecraft...





At least one SVR contact agent chose to meet his/her SVR handler in Central Park, New York City. The fact that the Russian Mission is close by is not a coincidence, Eye Spy was told

- TRADecraft AND TECHNOLOGY ANALYSIS

By now, few people will not have heard of or read about the 11 strong (or 12 - depending on who you believe) Russian Spy ring which was recently taken down in the United States. Inside sources say the spy ring was directed to

collect information on nuclear weapons, America's policies toward Iran, leadership within the intelligence community, Congressional politics and many other sensitive subject areas. There's even been a report that a US intel-reporting web site was targeted. In fact, the FBI documented that the spies contacted a few former high ranking American national security officials, nuclear weapons' researchers, and other technical and political subject matter experts.

The spies used old-school and digital spying techniques to carry out their mission; to pass data among themselves and back to control officers in Moscow. Multiple intelligence sources have said some of the older techniques are simple, easy to perform but still quite effective.

This case has evolved as if 'Q's' lab was raided by Jason Bourne with the spy ring using HAM radios and Morse code, invisible

"...For a decade the FBI and CIA fed the contact agents information the US wanted Moscow to have."

ink, disposable cell phones, buried money, fake IDs and documents, digital stenography, data encryption and peer-to-peer network communications. The spies had everything they needed to conduct their covert operations, cyber capabilities and other traditional spy technology, deep knowledge and understanding of American political/social structure and well established fake identities that were meticulously constructed. This group used operational modalities with one notable exception: in the case of the classic spy "dead drop" - a location used to secretly pass items between two people - these spies went digital.

Let's examine these modern tradecraft modalities.

WEB-BASED STENOGRAPHY: The spy ring communicated by posting digital images that had encrypted information hidden within websites. FBI agents were able to intercept more than 100 messages secreted inside



Bag switch in a restaurant toilet. While the exchange worked well, there was a slight problem for the SVR agents... undercover FBI officers were monitoring their every move

Fig 1.



Examples of tradecraft. Fig 1. shows the simple bag switch performed in Central Park. Fig 2. One variant of the walk-by "brush pass"

these on-line pictures. The files were not difficult to create, given that software applications that automatically embed and even encrypt information in digital images are available on the Internet. One source stated that there are well over 200 steganography programmes available to the public today.

ENCRYPTION TECHNOLOGY: The use of encryption/decryption is not new. Encryption is the most effective way to achieve data obscurity and security. To read an encrypted file, you must have access to a secret key or password that enables you to decrypt it. The information hidden in the on-line picture and the data that was transferred via CD and other methods used 128 bit encryption to protect the information transfers.

COMPLEX 27 CHARACTER PASSWORDS: Some of the operatives used password protected, encrypted disks to transfer collected intelligence as the medium in physical transfers that resemble Dead Letter Drops (DLDs) of years

gone by. This password used for the digital steganography programme and other digital technologies was written down on a slip of paper that was discovered and later used by US Intelligence. Using the password, agents were able to view the information being transferred.

ON-THE-SPOT WIRELESS NETWORKING: The spies created an "on the fly" private peer-to-peer network connection that sensed the presence of a specific second laptop, connected immediately and transferred information. One spy set herself up in a coffee shop, a book store, a bench near the entrance to Central Park, a restaurant in Sunnyside as well as other unspecified locations and transferred to another Russian agent passing close by on foot or in a van with the second laptop. This took place at least ten times at various locations around Manhattan between January and June this year. It's quite possible Central Park, because of its proximity to the city's Russian Mission (United Nations) and the



number of people who visit the park, was purposely chosen.

AMATEUR RADIO DATA BURST CAPABILITIES:

The spy network leveraged well tried technology as well. They sent and received messages over short-wave (HAM Radios) in ciphers. The coded bursts of data sent by the HAM radio transmitter was picked up by a radio receiver set to the proper frequency. The received messages were decoded using a key that was written down in a spiral. It appears they may have been experiencing difficulties with this communications method. Two of the suspects received emails from their handler saying, "Pls, make sure your radio equipment for RG rcptn is in order." (See Paul Beaumont's Radio and Communication feature)

BRUSH PASSES: The Russian agents use this old technique in very public locations to hand off thousands of dollars of cash, physical (paper) notes, CDs and other information. Using this technique the two Russia operatives literally "brush" past one another, passing the item from hand to hand as they go by or dropping materials in a bag or pocket. This was performed in a number of places including very busy areas with crowds of people.

BAG EXCHANGE: The Russian spies would sometimes converge on a staircase, one going up, the other going down and swapped bags without ever stopping or speaking to each other. On other occasions, operatives sat next to each other on benches and simply carried away their colleagues bag.

Packet drop and then bag exchange - virtually impossible to detect





The "brush pass" was popular with agents and officers of the US, UK and Soviet Union during the Cold War



The contact agents would use a Starbucks coffee shop to transmit and receive information

DISINFORMATION

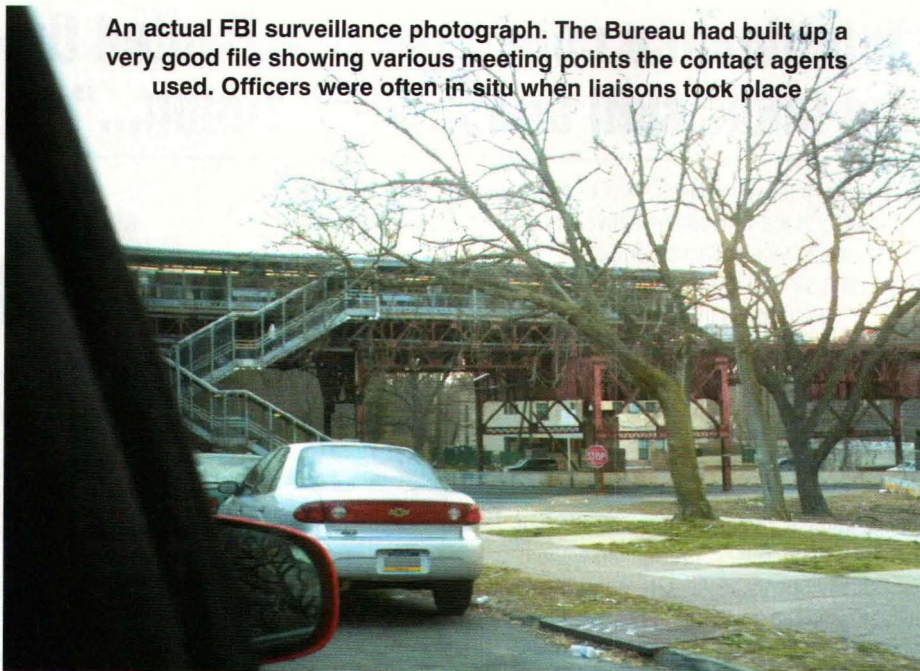
It is clear that there is a lot more to this story than was disclosed in the complaint filed by the Department of Justice and the thousands of media reports. Additional details about the spy ring's operations over the last decade will, no doubt, seep out over time.

With these technical capabilities many people are left scratching their heads as to why no individual (or the entire group for that matter) were not charged with espionage. Perhaps the answer to that question is because much of the information they transmitted back to Russia was

bogus! Yes, it's our understanding that the data collected by this network of agents, money men and couriers for nearly a decade was fabricated disinformation created by the FBI and members of the US Intelligence Community and deliberately passed on via various schemes (some of them quite elaborate), methods and people. For legal purposes we can't divulge more.

The benefits of the disinformation planted by the United States plus the opportunity to wait and see who the spies were able to recruit were very good reasons for letting these clandestine activities play out for nearly a decade.

An actual FBI surveillance photograph. The Bureau had built up a very good file showing various meeting points the contact agents used. Officers were often in situ when liaisons took place



Anyone who uses a computer knows the technical difficulties that are all too frequently encountered and the spy ring certainly had its fair share. Perhaps the biggest mistake made by these spies occurred when Anna Chapman unknowingly handed her laptop over to an undercover US agent to help her with technical connectivity problems. One can only image what little "goodies" and "gems" were installed on the laptop while it was being looked at!

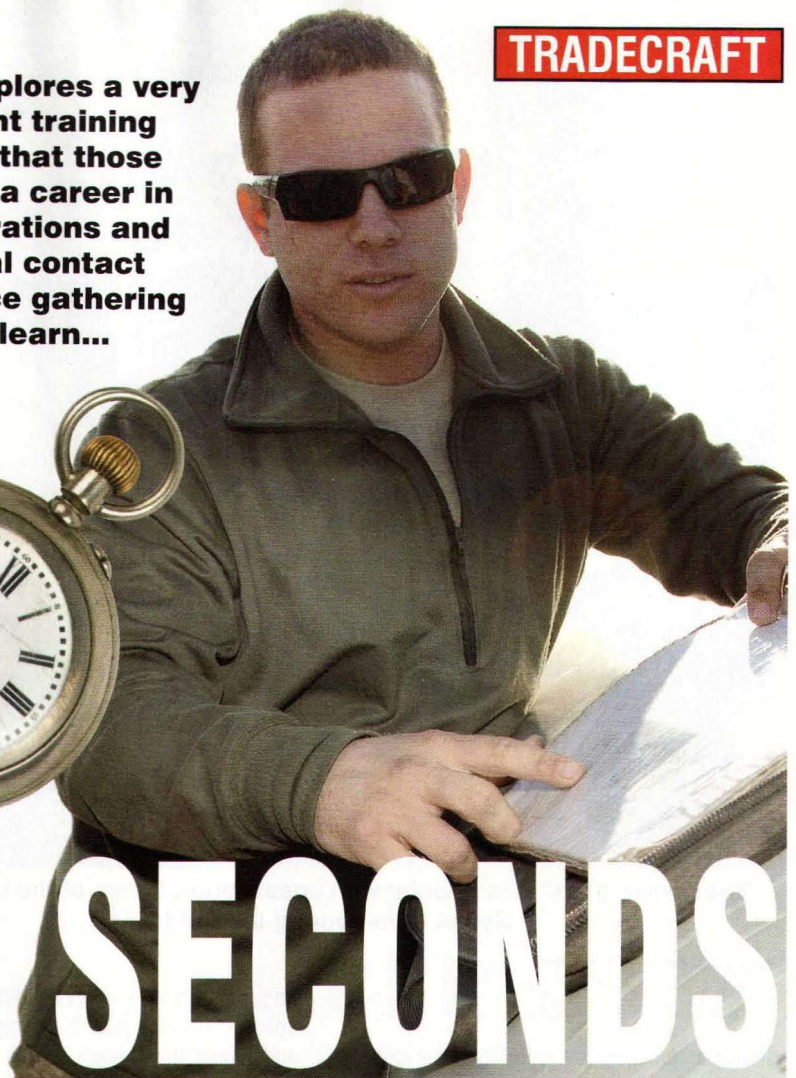
The magnitude of this spying effort coupled with the fact that so many were involved combined with the new technological capabilities used, shocked many intelligence watchers. It is clear that technology played a huge part on both sides of this case and that it will play an increasing role in espionage activities for the foreseeable future. Cyber intelligence is just now emerging and the tradecraft of digital spying continues to rapidly evolve. This is, and will continue to challenge the defensive measures militaries, governments and even private sector organisations abilities to protect their information.

One thing is certain, the disinformation fed to these spies will cause the Russian Foreign Intelligence (SVR) and the Main Intelligence Directorate (GRU) to review what they thought they knew based on the intelligence they received from these spies. Indeed, when the individuals landed in Moscow following their deportation, they were taken to a secure hotel and not allowed to make any phone calls or communicate with colleagues. For three weeks they were interviewed and debriefed by the FSB and SVR officials. There was also much speculation in the Russian press, that one of the contact agents was in fact a double agent - CIA trained and controlled. Though highly unlikely, it is a classic way to infiltrate a foreign agency. The name Yuri Nosenko comes to mind. (See Eye Spy 53)

More information can be found in the complaint filed by the US Department of Justice at the link below.

LINKS: <http://www.justice.gov/opa/documents/062810complaint1.pdf>

Eye Spy explores a very important training element that those intent on a career in field operations and personal contact intelligence gathering must learn...



60 SECONDS WHAT DO YOU

For people working in the intelligence game, absorbing accurately what you see and hear is of paramount importance. This is especially true for those involved with HUMINT (Human Intelligence) collection and others engaged in the preparation of operations. A field/case officer, analyst, surveillance operator, undercover worker, an agent, operative or informant: the same rules even apply to career intelligence officers, perhaps even more so. It's a skill that can be taught through training and experience and allows you to see situations others can't see.

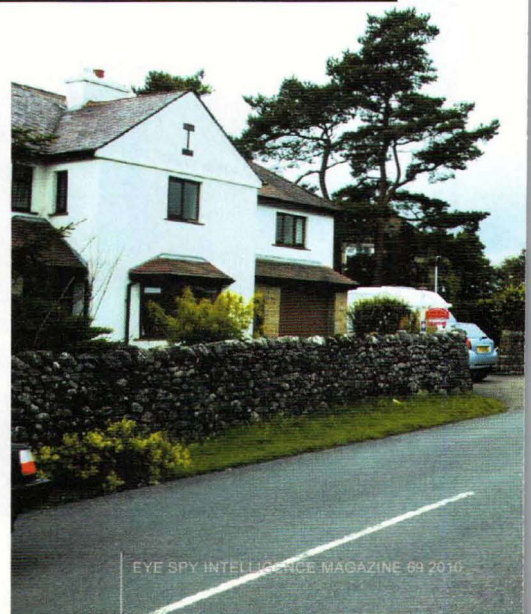
In the United States, Britain, Russia and elsewhere, intelligence services run training schools or hold special classes in an endeavour to help employees and new recruits (students) develop inner skills, sharpen

“Intelligence collection in a limited time frame and takes skill and much training...”

senses, heightened awareness. This usually only happens to those who will be actively engaged in field intelligence collection and after negotiating several layers of entry exams. Intelligence collection in a limited time frame is quite an art and takes skill and much training.

Training and guidance can and is provided, though the remit will naturally change depending on the type of work involved.

The intention is to enable operatives to see, gather and understand information without necessarily openly seeking it - opportunism, initiative and the ability to remember are words which instantly spring to mind. One training

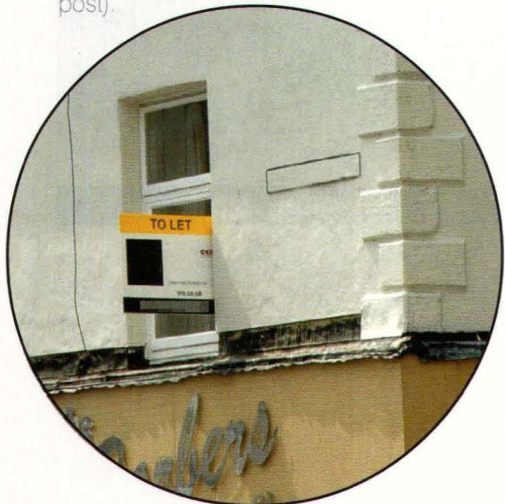


A STREET JUNCTION

Intelligence: Two suspected foreign intelligence agents will exchange materials here. A photograph of the meeting is necessary.

Now what do you see?

An experienced intelligence watcher will immediately identify the white building on the corner of the street which provides an excellent observation point with views up and down both streets. A closer inspection will also reveal the building is 'To Let'. A quick phone call from a senior officer to the estate agent, would, in most cases, allow for temporary accommodation (OP - observation post).



school instructor formerly attached to the CIA explained to Eye Spy that students are taught to appreciate information like one does a painting, regardless of whether or not you like it. Similarly, a line item from an FSB spy training manual states: "In the West, agents are produced who can see information in a manner that does not expose they are actually actively seeking it. The same is in Russia, but you will also learn and understand... what is important to remember." [Sic]

One well known intelligence service in the West actually teaches a programme called 60 Seconds. The exact format of the test is unknown, but students are placed in an outdoor or indoor scenario for one minute and invited to gather as much visual and audible information as possible. They are then recalled and asked to write an essay on what has just transpired. This gives instructors a deep insight into the mind of the student and helps them ascertain what the prospective operative believes is both relevant and important. What's missed is equally crucial to the instructor, who can then decide on the quality of information and performance of the student. If the operative shows promise, then they will continue on the course.

Emphasis is also placed on accuracy. If a student has been told a story containing statistics, it is likely only certain data will be recalled. How accurate that recollection is can reveal much about the attentiveness and memory absorption/recall of the student. And it may also provide an indication on how reliable the student is - and if he or she is "suited" to this type of intelligence work.

The course or event can be customised and replayed in various settings and with varying degrees of difficulty. Students may also be given intelligence, unbeknown to them, this actually allows them to use their initiative. For example, if the 60 Second event concerns a mobile surveillance drive past of a building/office, the student could be given instructions to take particular note of the entry point (door). The student may return an accurate description of the road to the door, if it is obscured by any structure... made of wood, glass, brick... can it be seen from nearby offices etc. All of this is useful information, no doubt. However, if in the recall he or she fails to note the door is permanently locked and works on a keypad system, has a 24-hour light and CCTV, then this is troublesome.

SEE?

e is quite an art



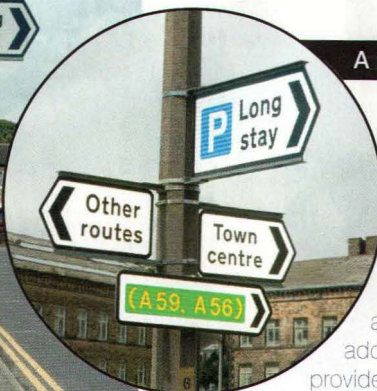
A VILLAGE STREET

Intelligence: Two terrorist suspects have disappeared... they were last seen in this area.

Now what do you see?

1. Bed and Breakfast has sign showing 'no vacancies' - are terrorists inside?
2. Road sign warns of school children - implications for counter-terrorist operation.
3. Bus stop, bench and notice board allow an operator a natural stopping point to surveil.





A ROAD SIGN POST

How many signs are displayed in the far left photograph? One of course - even the shadow supports this.

However, viewed from a different angle additional information is provided.

In surveillance and observation, recalling such data properly can be critical - especially if you are in contact with colleagues who are out of sight.

In a 60 Second bar room conversation over a drink, emphasis here might be on the name of a cell phone caller who the student is advised will interrupt the event. "Hello David... can I call you back." In this case the student should definitely name the caller, take note of the time of the call, and if possible identify the cell phone make. Other intelligence may be imparted on the actual tone of the conversation, businesslike, unfriendly, formal, nuisance value. Crucial to the scenario, the trainer will examine the mental attitude of the student and the interaction.

Such detail may not seem significant immediately, but could be useful at a later time. However, it's all about the training, being adept at absorbing information and accurately

imparting this at a later date. In an advanced imitation of this situation, a student will be challenged to try and extract further information, possibly obtaining the cell phone number. This leads to an intelligence programme called 'active listening', a method taught to students and one that allows the conversation to continue - the objective being to create an atmosphere where the target inadvertently imparts even more information through encouragement. We will examine this tradecraft in a future edition.

As the course develops, so too the complexity of tasks. But by now, the student has a good idea of the nature of the programme, its purpose, and what is required.



CAR PARKS - TICKETS & RECEIPTS

Data found on tickets and receipts, and not just necessarily on parked cars, can provide a wealth of information.

A quick glance at the price paid at this car park, gives an operator a good indication on when the driver will return. That in turn is another indicator of how long he or she has been occupied elsewhere.

Professional criminals rarely leave such a site (or on a roadside parking lot) without purchasing a ticket - less they attract attention from an attendant or police officer. Of interest, the London 7/7 bombers simply left their vehicles at a railway station before journeying on to the capital. They felt it was not necessary to purchase a ticket as they embarked on their suicide mission. Had they been surveilled performing this, MI5 may well have had an indicator regarding the group's intention.



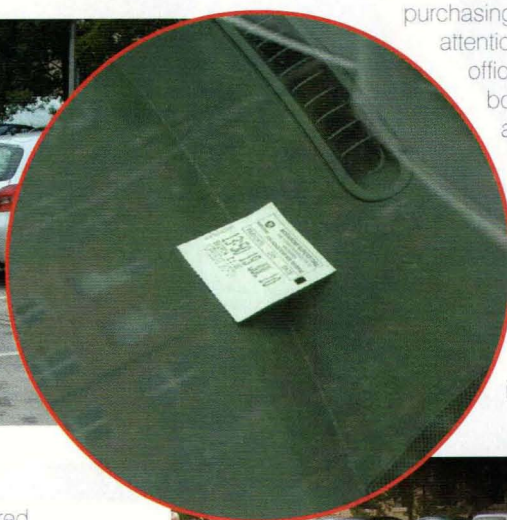
A RED CAR

Intelligence: Wanted - description, location and intel required

Now what do you see?

The target car is easily visible against the backdrop of silver vehicles. Clearly the lack of wheel hubs is an important visual clue. Rather than just give the make, model, colour and registration to colleagues who will be tasked with tracking the car, the absence of the hubs is just as important. Students who do not identify the wheel data are clearly not performing well.

Additional intelligence: If it is possible to walk by the car and not attract attention from its occupants or third parties (public, security etc.) all of the above data can be secured. However, a cursory glance on the dashboard reveals a parking ticket which will provide additional intelligence - such as when the driver might return.



SYMBOLS ON A VAN

Task: Data Recollection

Seven symbols are visible on this van representing various products and services. Study the image for 60 seconds and then try and recall each one... then try and remember the coloured background. In time, you will achieve a 100% success rate - but not immediately. Some trainers use such methods to focus the brain in respect of observation and data recollection.



If overwhelmed by information, 60 Seconds demands that the student prioritise, utilise their surroundings and try and remember details they consider might prove valuable. The decision on what to select is left entirely to the student, but any shortcomings or missed intelligence will be identified by the trainer.

"Attention to detail provides opportunity," a former FBI intelligence field trainer told Eye Spy. Indeed, MI5 and MI6 officers engaged in intelligence collection or field work use a similar 60 Second event to subconsciously take in their surroundings and remember details which normally would be forgotten. Like physical tradecraft, 60 Seconds is an art.

Some students or potential fieldcraft officers already have a natural ability to absorb information and recall it with great aplomb. Such people will quickly be flagged by the trainer and are easily identified. Take for example the reflective words of this man as he waited for an interview:

"Sitting on the low leather sofa in the reception flat of the elegant John Nash-designed house overlooking St James's Park in central London, I was curious and intrigued rather than nervous. The meter ticking next to my battered old BMW parked a block away was more worrying than the impending interview."

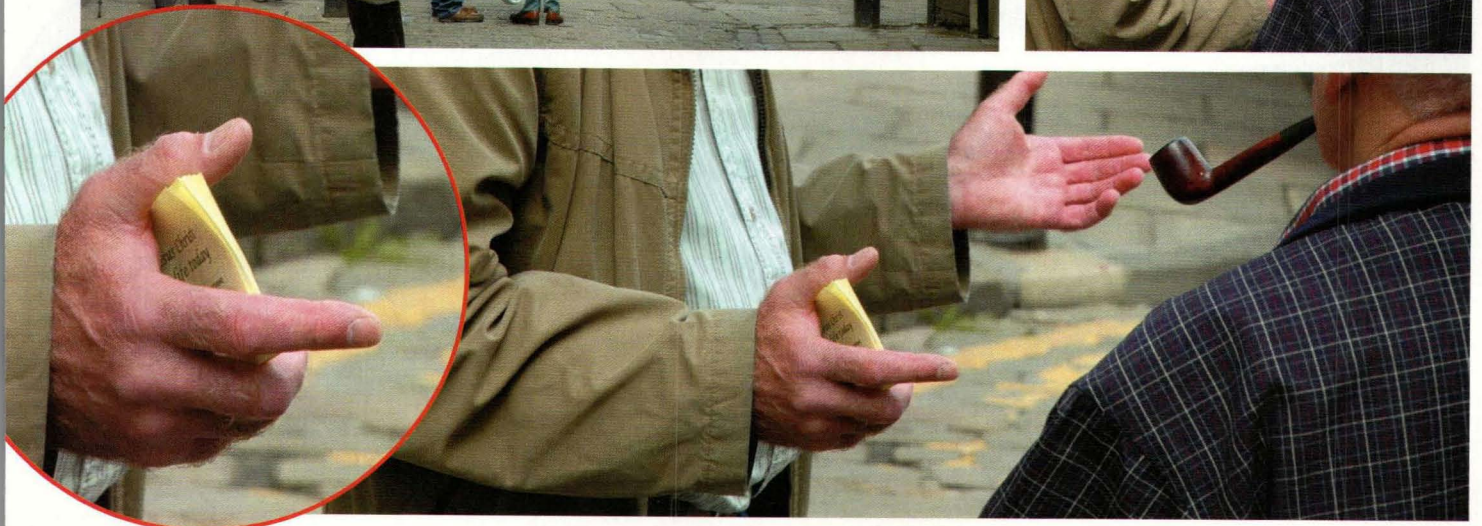
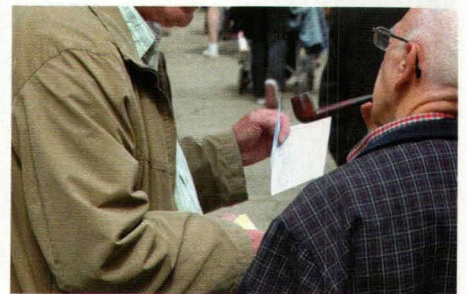
Street Scene - Market Day

Having a 'sixth sense' and being able to absorb information and scenery quickly in the intelligence game is important. This allows you to consider a plethora of scenarios and disqualify others. In this sequence it becomes fairly obvious this man isn't dealing drugs. A Christian preacher, he stands at this point every week on market day.

Intelligence: Seven days earlier a robbery occurred at a bank just out of shot behind the man. One of the gang members wore a fluorescent yellow jacket traced to the stall shown in the photo.

Now what do you see now?

A possible prime source of information: not only on the jacket purchaser, but also on any reconnaissance that may have taken place days before. Our religious friend may have even handed the gang one of his cards...





THREE PARKED VEHICLES

Intelligence: Potential crime scene

Now what do you see?

Three neatly parked vehicles that would attract no attention whatsoever. But one of the vehicles hides a secret. Being able to see and understand situations ordinary members of the public cannot, is part of the 60 second programme. Note the head of a man just visible through the windscreen of the silver car. Is he asleep, ill, injured or worse? Did you even see him? Some students would say "asleep" due to the sun shining and the fact that the passenger's window is partly open thus allowing air in. Others may remark he is leaning forward - an unusual posture if he has simply fallen asleep.



Recent editions of The Economist and Financial Times were scattered in front of me on the low glass-topped table...

"I heard soft footsteps descending the stairs from the mezzanine floor... a tall, pretty girl stepped on to the marble floor, her high heels clacking.... 'Mr Halliday will see you now. I'm Kathleen by the way.'"

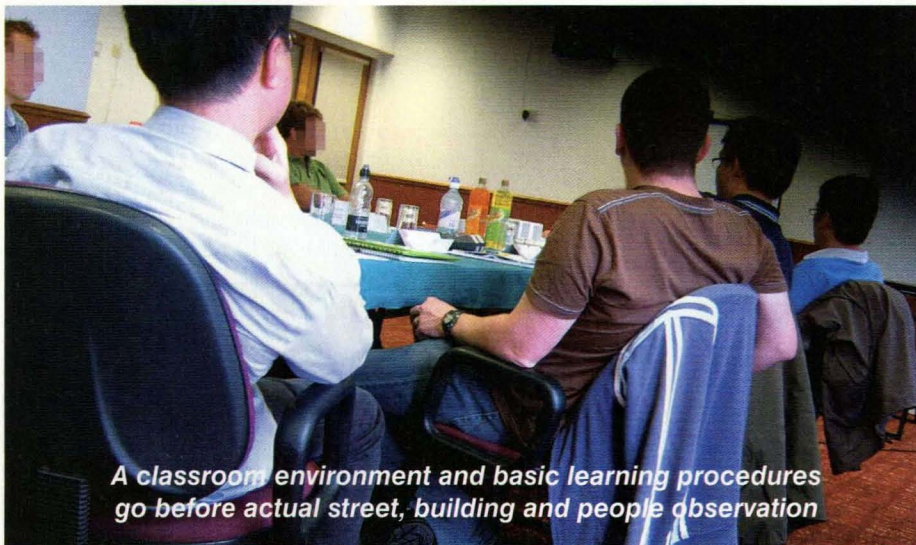
Continued on page 78

SECURITY GATE

What's wrong with this photograph?

Actually, the image is untouched save the removal of the company name. The heavy barbed wire on the gate provides a formidable defence, but a closer inspection reveals this provides absolutely no protection as an intruder could simply stand on the wall to the left and "hop" over. Even the metal meshing behind the windows is probably void as two fragile roof glass skylights offer a tantalising entry point.

An ability to see beyond the obvious is a skill taught to those at the leading edge of intelligence gathering. Opportunism, is also a word that comes to mind when analysing this scene.



A classroom environment and basic learning procedures go before actual street, building and people observation



The opportunist spy who sold top secret information that could have, and may still pose a serious threat to both MI5 and MI6



£1M PAY OFF

Questions raised how a two-year-service MI6 employee described as a “computer geek”, managed to extract such important information from within Vauxhall Cross



Daniel Houghton, 25, a Dutch-UK national and former MI6 employee, has been told to expect a jail term after he was found guilty of selling trade secrets on intelligence collection methods, and reportedly, a listing of some 300 officers and contacts attached to Britain's intelligence services.

Houghton, who is said to have left MI6 on “good terms” in May 2009, decided to cash in on his earlier espionage conducted from

within the headquarters of MI6. Unbeknown to security staff, Houghton had stolen critical information, the status of which was deemed top secret and secret. How this was possible for someone with so little experience and such a short-employment span, has been questioned by senior intel figures.

METHOD OF EXTRACTION

Eye Spy believes Houghton simply plugged a digital memory stick in an external port to obtain the information, but some observers

say he could have copied the data and e-mailed it to an external computer, or even photographed the screen with his cell phone and used a simple Optical Character Recognition (OCR) programme to “lift” the text from the images. Such programmes are widely available on the Internet, and in most cases cost nothing. Similarly, he could have printed out the material, removed it from Vauxhall and used an OCR scanner at home to copy the paper and transport the data onto his computer. Another possibility exists whereby he could have used his laptop to remove the data.

In the past decade, laptop computers, over 100 of them, have been lost or stolen that belonged to MI5, MI6 or Ministry of Defence (MOD) employees. However, it's been revealed that he removed over 7,000 files from MI6 headquarters - this suggests most strongly an external device was used. Either way, MI6 will be forced to look at this situation more carefully.

Few details about Houghton's actual recruitment to MI6 were revealed in court, but he attended a graphics' design course in Exeter, before moving to Birmingham University. At some stage thereafter, either by seeking employment with MI6, or being recruited by one of the Service's many "talent spotters", Houghton joined MI6's graduate programme.

Eye Spy has learned that he was involved in various computer-based training projects, including applying intercept techniques to make-believe operations, one of which

involved tracking e-mails. Both MI5 and MI6 students assisted in the work, which could explain how he managed to obtain a list of operational MI5 men and women. It's possible the training involved using computers that required students to import data for use in tests.

Houghton saw himself as a 'James Bond' type figure but soon realised that most of the work conducted at MI6 Vauxhall Cross, was rather mundane...

This image shows a digital memory stick disguised in the form of a key...



This Eye Spy photograph shows the transformation of a contemporary digital memory stick. Here the device is cleverly contained within a credit-card size object. Such products are easily hidden amongst other cards in a wallet, for example. Without close examination they are virtually undetectable...





Flanked by Sir John Sawers, Chief of MI6 and Jonathan Evans D-G MI5, is AIVD head Gerard Bouman. All three men discussed the situation and authorised the counter-espionage operation. Bouman's agency flew its own operatives into London to assist MI5 and Special Branch

Throughout his time at MI6, Houghton is said to have found his work "dull" and "boring" - insiders said he had hoped for a job as a "real life action spy". Those who knew Houghton, said he wanted to become a James Bond spy. "He wanted to live a champagne lifestyle on gingerbeer wages," another source said. However, he wasn't that stupid and knew the information he had extracted from Vauxhall Cross was valuable to a foreign intelligence adversary. That makes his decision to approach Holland's main intelligence service - the AIVD, even more baffling as he would have surely known the UK and the Dutch have an excellent intel-sharing relationship and run various operations together.

Nevertheless, at his apartment in Allerton House, London, Houghton pored over the information he had stolen from MI6. "This must be worth a fortune", he thought, and congratulated himself on outwitting his former employer. Once uploaded onto his PC, he started to make CD and DVD copies of the information. He also manufactured at least two digital memory cards. These he placed with other items under his bed.

In late August 2009, Houghton found the public contact number for the AIVD. Unbelievably, using his own private cell phone he called the number and explained he had something which would "surely interest" Dutch Intelligence. He even said he was a former MI6 officer. The Dutch case officer assigned to the "London caller" dismissed him as a crank, after all, there are other channels and "methods" to make contact. It's rare in such instances for sellers of intelligence (spies) simply to call prospective buyers. The AIVD man or woman would rightly be cautious and "unbelieving". However, over the course of the next few weeks, Houghton was able to convince his Dutch contact that he really did have valuable information. Why the AIVD officer didn't make a phone call to London and check Houghton's name when he first called is a mystery. Similarly, we will never really know what was verbally imparted in respect of the MI5 'staff list'. Did Houghton simply mention a "list of spies" and did he make clear what he was selling were British secrets? And then, of course, Houghton had a file, a programme revealing MI5 tradecraft secrets concerning methods used in intelli-



gence collection. Now that might be of interest. The AIVD started to re-examine all the conversations which they had recorded.

Suddenly it dawned on Dutch Intelligence that Houghton might just be for real. A phone call to London was made and an urgent dispatch sent to MI6. "Just what had this man worked on?" MI6 staffers were horrified. It was of vital importance to recover the information as quickly as possible thus a meeting was organised between MI5, MI6, Special Branch and the AIVD.



DUMB COMPUTERS

At Langley and NSA, 99% of computers have no drives or connections that allow the introduction of an 'alien device' - they are known in the trade as "dumb computers". Those that do have a recording capability belong to senior staffers and are contained within the most secure of offices. Accessing such devices alerts a central mechanism and a report is flagged about what has just occurred. This "index of usage" cannot be deleted and is examined by senior officers (line managers) who will report any concerns regarding "activity".



An operational CIA office



The exact process which Houghton used to remove MI5 and MI6 information from Vauxhall remains a closely guarded secret. However, it is believed one digital memory stick containing the stolen data is still missing

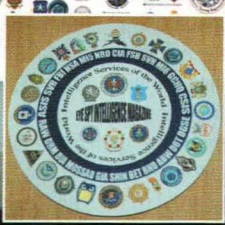
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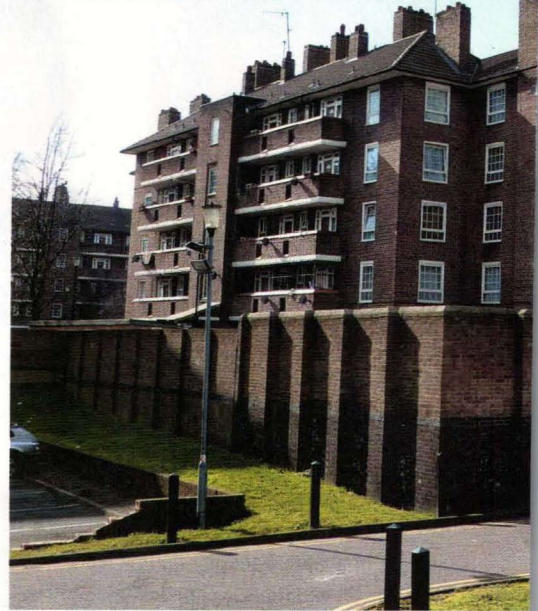
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Another view of the Allerton House complex. Once MI5 had been made aware of Houghton - A4 watchers placed him under 24-hour surveillance



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MI5 and the AIVD decided to pull off a carefully controlled sting operation which would first secure the data, and secondly, lead to the arrest of Houghton.

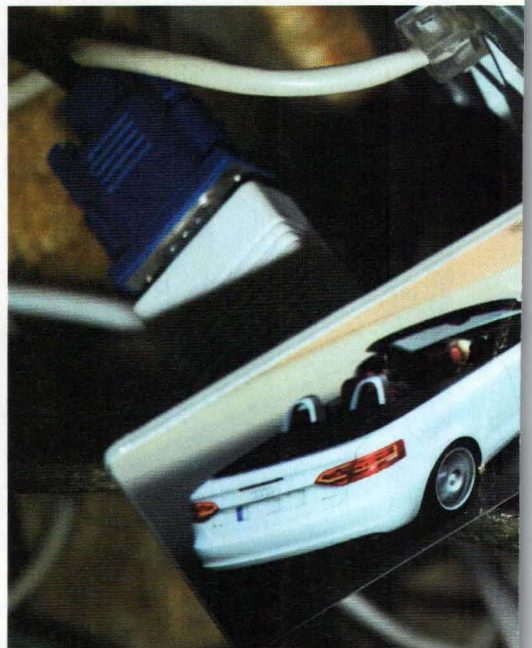
A Dutch intelligence officer called Houghton from his office in Holland and asked him just how much he thought the information was worth. "What do you think its value is?" said Houghton. Not wanting to blow the deal by making a paltry offer and possibly losing the information to another foreign agency, the officer said: "Well obviously it's valuable... but I would like to see it first. If it's as good as you say, what about £1 million?" "Two million?" said Houghton, sensing the caller was starting low. "Agreed," said the officer. And with that MI5 set about preparing an operation that would snare the traitor. Similarly, they placed him under 24-hour

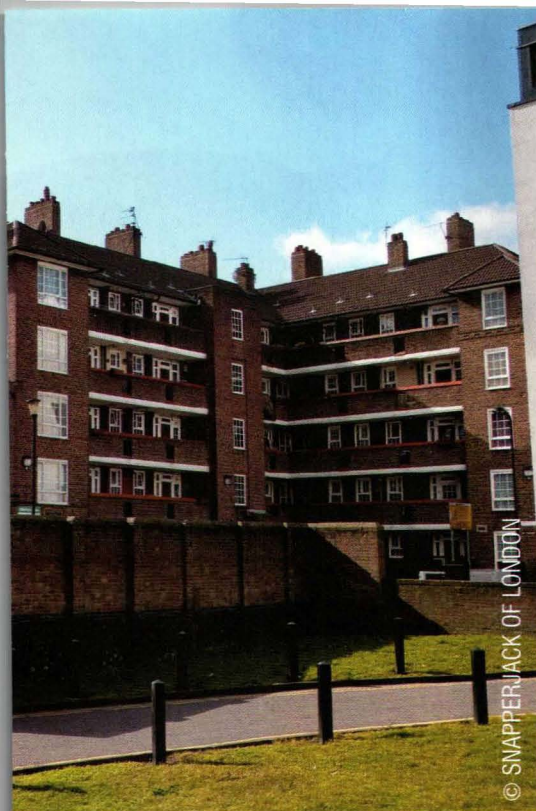
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surveillance just in case he was also touting the material to another buyer. Houghton didn't see the MI5 watchers, all he could see was money... lots of it.

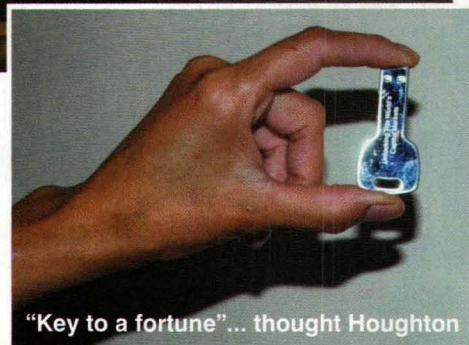
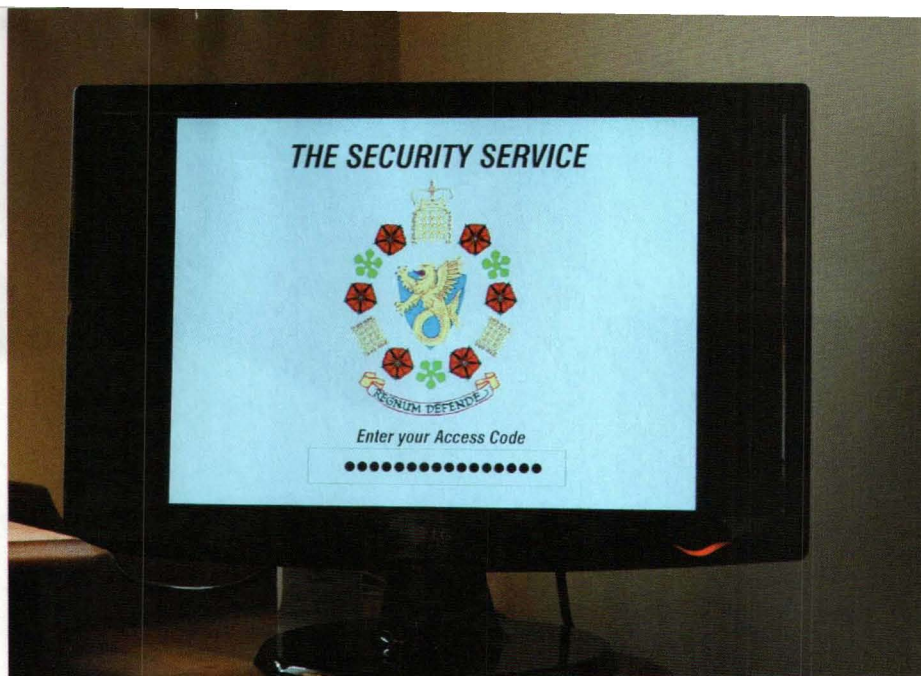
A meeting was arranged on 8 February, at the White House Hotel in London, used in the past by the Service's greatest spycatchers. Here Houghton presented the "buyer" with some of the information which he had uploaded to his laptop computer. Cameras and listening devices recorded every moment as Houghton began to dig his own grave. The buyers liked what they saw and agreed to meet again in the same hotel on 1 March.

END GAME

MI5 officers watched Houghton as he journeyed to the hotel. Somehow they had

managed to find just under a million pounds in cash. The AIVD undercover men greeted Houghton as he arrived in the lobby of the hotel. They took the lift to an upstairs room which again, had been "primed" by MI5. The bulging suitcase of money sat in the corner of the room. After a few minutes haggling, Houghton decided to take the money (£900,000) instead of holding out for the £2m. It's not known if the money was authentic, if there really was nearly a million pounds, or if some of it was just paper. It didn't matter. Bidding his "associates" farewell, Houghton walked to the lift... he had done it! His adrenaline must have been at bursting point when the lift doors opened and he was but a few moments from pulling off what he thought was a "splendid espionage

All MI5 and MI6 terminals require a user password and login code



"Key to a fortune"... thought Houghton

deal". However, seconds later euphoria turned to despair, several burly Special Branch men appeared in the corridor and he was arrested. He protested his innocence as the police forced him to the ground and handcuffed him. "I haven't done anything..." "I don't know. You've got the wrong man." Echoes of the top Russian spy and FBI man Robert Hanssen when he was caught...

In court, Houghton said he "heard constant voices in his head telling him how to carry out his plans." MI5 officers and Special Branch men sat at the rear looking unbelieving at each other. His ploy was dismissed by everyone concerned.

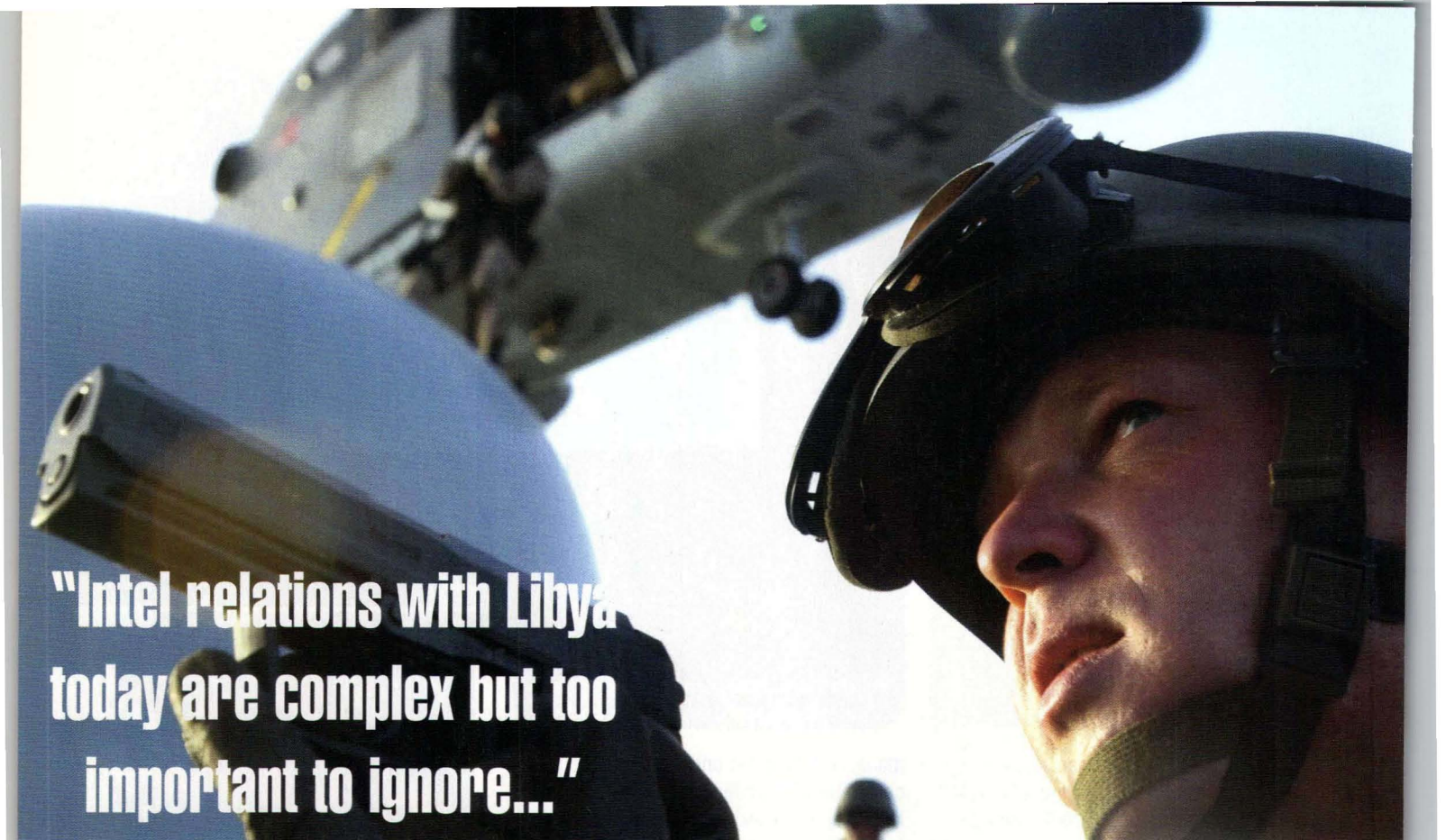
There are still a few concerns at MI5 and MI6. When MI5 searched his flat they recovered a laptop hard drive, CDs and a memory stick containing the stolen information. There were 7,000 files - details of nine MI5 operational intercept techniques, names of nearly 300 officers and operatives and the personal cell and home telephone numbers of 39 MI5 officers. However, Houghton had earlier explained he had recorded the information onto a second memory stick. This has not, as far as we are led to believe, been recovered. If Houghton knows of its whereabouts, he isn't saying. Perhaps this spy story has one final chapter to go...

The disguised DMC can hold a great deal of information



OLD
BAILEY EC4

Houghton has pleaded guilty to two breaches of the Official Secrets Act. He will be sentenced at the Old Bailey, London, on 3 September



**"Intel relations with Libya
today are complex but too
important to ignore..."**

LOCKERIE SUSPICIOUS M

Eye Spy examines the real genesis behind the murky world of Libyan trading contracts, BP lobbying, spy games and the intelligence world...

There remains concern in certain corners of Washington about the release of Abdelbaset al-Megrahi, the Libyan JSO (Jamahiriya Security Organisation) intelligence officer who helped place a bomb on board Pan Am Flight 103 in 1988. Some people believe he is but a pawn in a shadowy scheme to secure lucrative trade deals with Tripoli. However, negotiations to bring Libya "out of the cold", create new business platforms and a joint undercover intelligence effort to tackle al-Qaida, go back over a decade. But is the release of Al-Megrahi really linked to an oil deal with Libya?

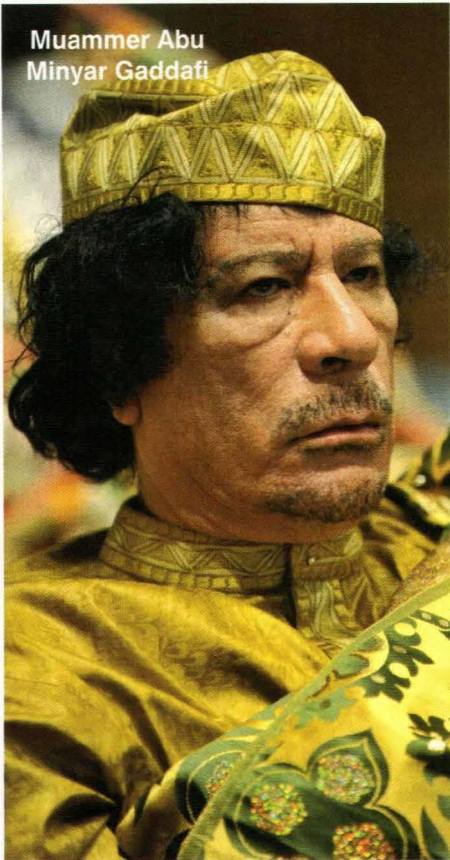
When the Scottish Government sanctioned the release of Abdelbaset al-Megrahi on "compassionate grounds" last August, most people and ministers agreed it was a serious mistake. Al-Megrahi was supposedly on "death's door" and had but a few weeks to live. Intelligence officials were powerless to act, so too Downing Street, though ousted premier Gordon Brown's silence was deafening.

The current occupier of 'No 10', David Cameron, reacted with fury when it was first touted that Al-Megrahi could be freed. But it was a decision made entirely by the Scottish Executive and London was effectively powerless to intervene.



Abdelbaset al-Megrahi - early 1990s

With a "doctor's note" in hand, the Libyan agent, the only man jailed for his part in the outrage, was sent back home to a heroes welcome. One of the killers of 270 civilians on a night of terror over Scotland was a free man again.

Muammer Abu
Minyar Gaddafi

MCS 2nd CLASS JESSE B AWALT

BIE: INDS

"A doctor paid for by Libya to diagnose Al-Megrahi said he had but three months to live... because that's what Libya wanted to hear. Some doctors now say he could live another 20 years..."

CONFUSING INFORMATION

As fully expected by those who watched and followed events unfold, a new report has emerged that Al-Megrahi could well live for another ten years or even longer. Intelligence watchers on both sides of the Atlantic sense there is much more to this business than meets the eye: there is the distinct smell of conspiracy in the air.

Former Prime Minister Tony Blair has met Colonel Gaddafi on more than one occasion, the last being allegedly in June. The Daily Mail described the talks as "secretive". An advisor to the dictator told the newspaper that Mr Blair had "provided a great deal of invaluable advise"



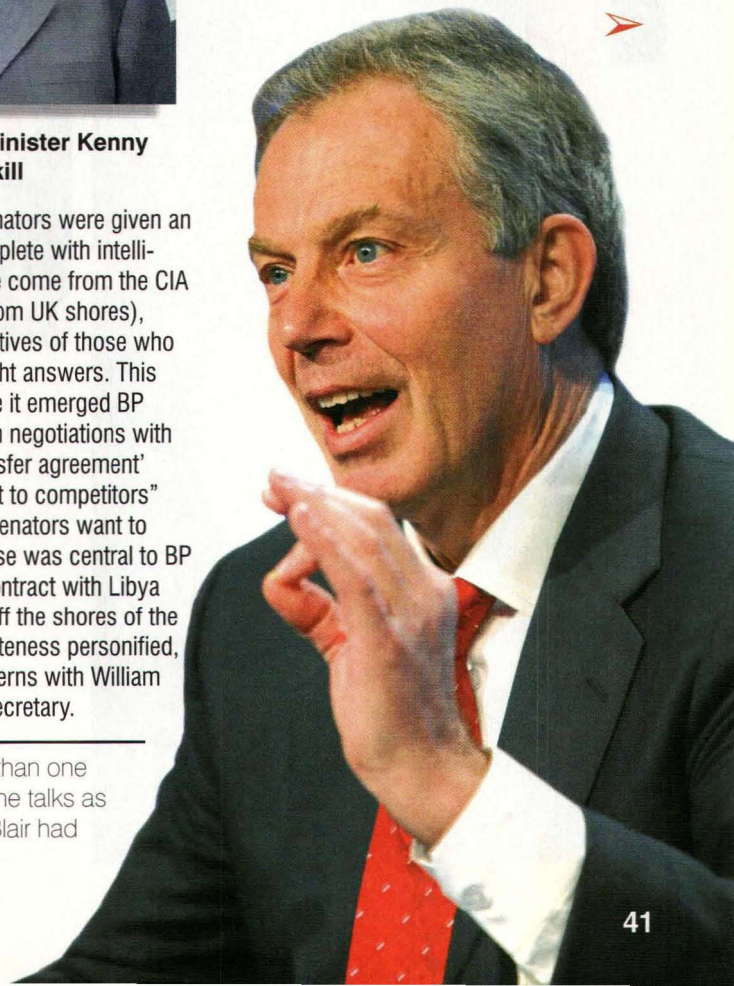
Prime Minister David Cameron and President Obama at the White House. Mr Cameron said the decision to free Al-Megrahi was "completely wrong" but dismissed suggestions that BP's lobbying was connected: "It was a decision taken by the Scottish Government." Shortly after the lobbying, BP was allowed a permit to explore Libya's oil-rich coastline

Scottish Justice Minister Kenny
MacAskill

And now, after four US senators were given an overview of the affair, complete with intelligence that could only have come from the CIA (some of it undoubtedly from UK shores), quite rightly the representatives of those who perished want some straight answers. This has only come about since it emerged BP lobbied ministers to hasten negotiations with Libya over a 'prisoner transfer agreement' (PTA). "Deals could be lost to competitors" was the bottom line. The senators want to know if Al-Megrahi's release was central to BP picking up an oil drilling contract with Libya which started in August - off the shores of the North African country. Politeness personified, Hillary Clinton raised concerns with William Hague, Britain's Foreign Secretary.

US State Department spokesman PJ Crowley said: "The Foreign Secretary indicated that it might be appropriate for the British government to communicate with Congress as well to make sure that they fully understand what transpired a year ago. There were very legitimate questions raised about the medical information that led to the decision.

"People have raised questions about interactions between the UK government and BP over



Libyan Embassy,
Knightsbridge,
London



the negotiation of a prisoner transfer agreement. And we will look to the British government to help us fully understand the basis to the decision that led to Megrahi's release."

BP insist it was not involved in any discussions regarding Al-Megrahi's release. But let's not forget in the same year, the "tented" summit that happened in a Libyan desert when Tony Blair met with Colonel Gaddafi to smooth over a whole range of issues.

Washington wants to speak with certain people at the centre of this mess, including Scottish Justice Minister Kenny MacAskill. He has refused pointing out that his government has no further information to release. "The only reason [this documentation] has not been published is that the American government has refused to give us permission to publish it," said MacAskill.

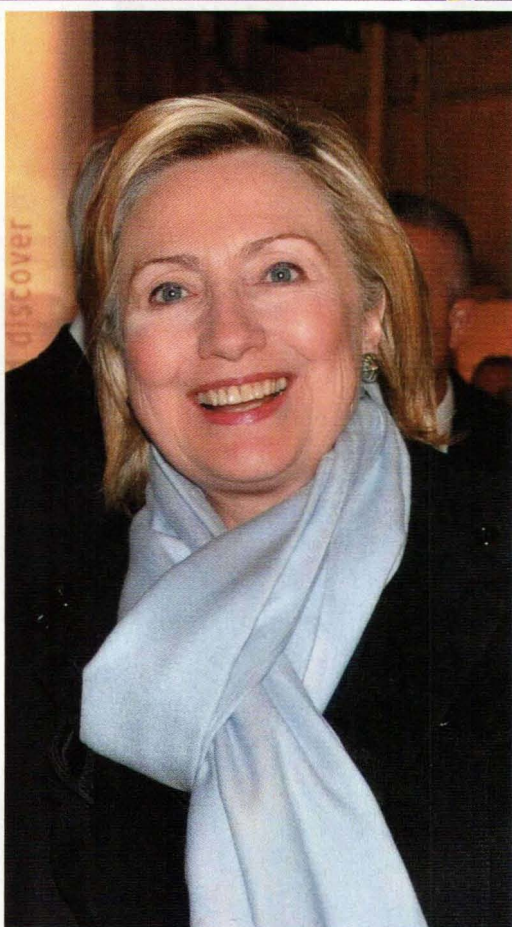
MI6-CIA LIBYAN OPERATIONS

As reported by Eye Spy (issue 23 - 2004), liaisons between the West and Libya improved dramatically in 2003, after a joint MI6-CIA intelligence-gathering operation led to the



seizing of the German-owned cargo vessel - the BBC China in October 2003. On that ship were thousands of centrifuges destined for Libya's top secret nuclear weapons programme. No-one actually boarded the vessel as it made its way from Dubai to Tripoli, but it was "diverted" and "nudged" towards Italy by a watching US Navy warship. German Intelligence were controlling events via the ship's owner, while an NSA spy satellite provided an observation platform. In Italy, inspectors performed a detailed search which revealed its menacing cargo. The Libyans had been rumbled and Gaddafi knew it.

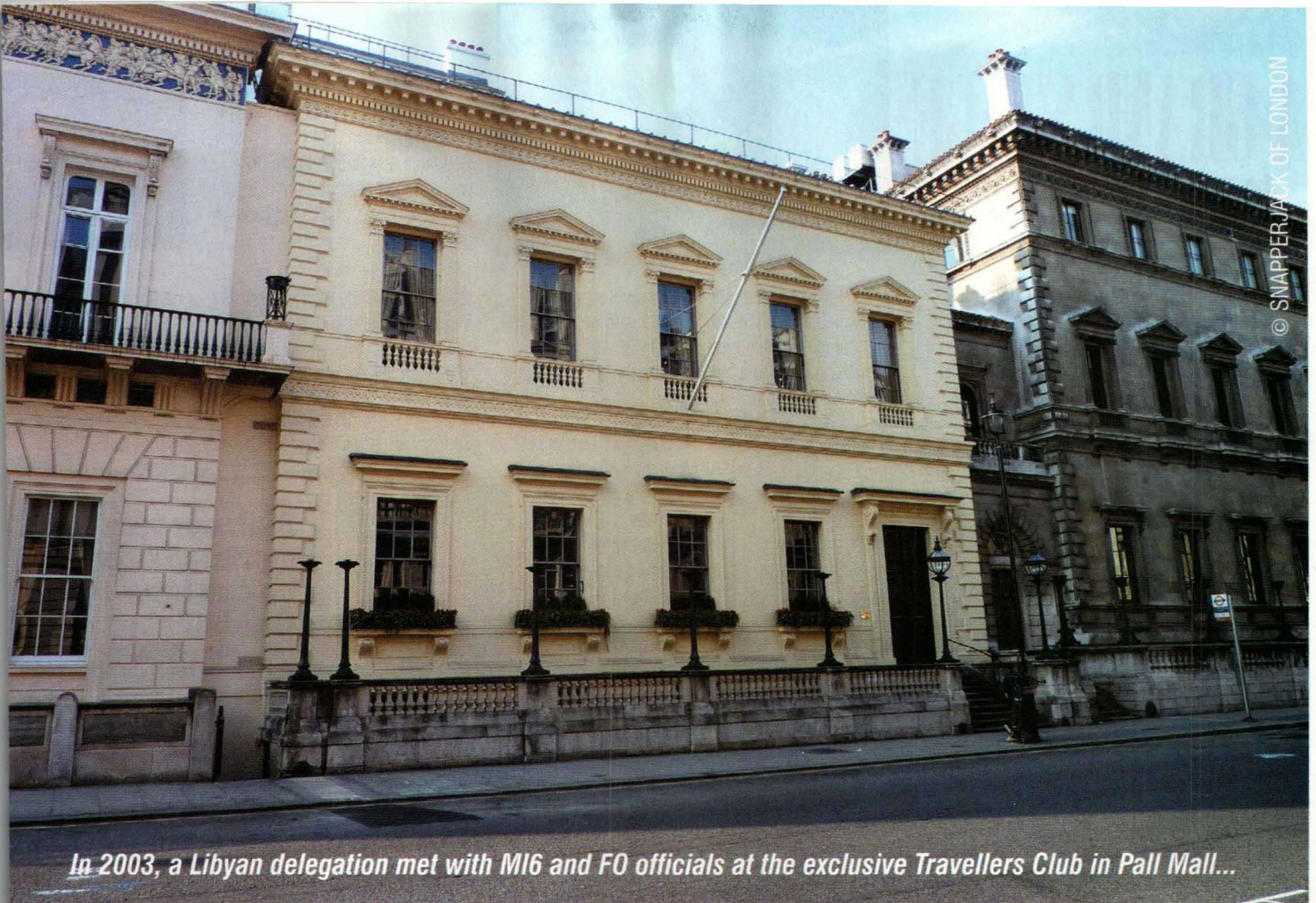
MI6 then provided the Foreign Office (FO - the overseers of MI6) with documented proof of a secret deal brokered between underground nuclear elements in Pakistan and Gaddafi. There is no question Libya intended to build a



As late as August 2009, US Secretary of State, Hillary Clinton, voiced her opposition to the release of Al-Megrahi. "I knew a lot of the families [of those who died]. I talked to them about the horror they experienced," she said.

"I just think it is absolutely wrong to release someone who has been imprisoned based on the evidence about his [Al-Megrahi] involvement in such a horrendous crime."

Ms Clinton met her UK counterpart William Hague in July 2010 and both voiced "disappointment" at events



In 2003, a Libyan delegation met with MI6 and FO officials at the exclusive Travellers Club in Pall Mall...



JOURNEY TO FREEDOM
Al-Megrahi boards a charter aircraft for his flight to Tripoli. In Libya - the scene was very different

nuclear bomb, but our intelligence sources thought there was something puzzling about this affair.

Within a short space of time, Colonel Gaddafi dramatically announced Libya was "giving up" its nuclear programme and the trading doors opened. At the same time, Libya's intelligence service - the JSO, secretly organised meetings with MI6 and the CIA in an effort to help keep al-Qaida at bay. It was "win win" for London, Washington and Tripoli.

IN FROM THE COLD - SECRET LIAISONS

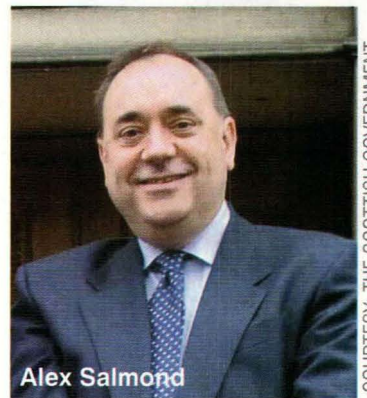
But how did this all come about? Eye Spy learned that just months earlier, in March 2003, Musa Kusa, one of Libya's most senior intelligence officers arranged to meet a FO official in Rome, this after a secret liaison

LOCKERBIE: BEHIND CLOSED DOORS

As early as 2007, Alex Salmond, Scotland's First Minister, told the Scottish Parliament that he had "expressed his concern" to Mr Blair over a deal "struck with Gaddafi" that could lead to Al-Megrahi being transferred to a Libyan prison. Presumably that deal was the PTA.

And probably in relation to this story, in July 2010, *The Sunday Times* was first to report on a confidential pre-release document from a US Government authority to the Scottish Executive that stated it would be preferable for a "compassionate release" rather than Al-Megrahi returning to Libya and continuing his prison sentence.

However, despite the letter, Mr Salmond made it absolutely clear what the US really thought. "I think it's a fair description of the American Government's position to say they didn't want Al-Megrahi released."



Alex Salmond

COURTESY: THE SCOTTISH GOVERNMENT

A GRAND STAGE

In reverse - Gaddafi's journey to respectability

1969: On 1 September, Colonel Gaddafi seizes power following a bloodless military coup. In 1972, he discarded the title of prime minister and renamed his post as: 'Guide of the First of September Great Revolution of the Socialist People's Libyan Arab'



Colonel Gaddafi greets Al-Megrahi

2009: Scottish Justice Secretary Kenny MacAskill announces Al-Megrahi is to be released on "compassionate grounds". On 20 August, he flies back home to a heroes welcome and is greeted by Colonel Gaddafi

2008: The UK media seizes on a meeting between Labour 'king pin' Peter Mandelson (right) and Colonel Gaddafi's son Saif al-Islam on a yacht. It is understood the case of Al-Megrahi was discussed (among other issues)

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2007: On Tony Blair's 'farewell tour of Africa', he meets with Gaddafi in the Libyan desert. BP signs an enormous deal that gives the company permission to explore the country's coastal waters for oil

2004: USA lifts sanctions against Libya after Gaddafi complies with a whole range of proposals

1971: The young pretender (far right) poses with three 'heavyweight' political leaders. L-R Hafed al-Assad, Idi Amin and Anwar al-Sadat



2008: On 21 October, Al-Megrahi is diagnosed with prostate cancer. Six months later a prisoner transfer agreement (PTA) is confirmed between the UK and Libya



Blair our very special adviser by dictator Gaddafi's son

From the Mail of June 5



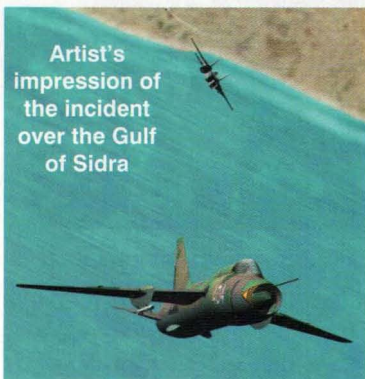
2010: The Daily Mail of 5 June reports that Gaddafi's son, Saif al-Islam, said Tony Blair has "become an advisor to Libya's state fund which manages the country's oil wealth". Islam Gaddafi described the former premier as a "personal friend of the family" and that he has been to Libya and stayed with Colonel Gaddafi, many times. The claim was dismissed by Blair associates



1972: The Mossad suspect Libya of providing financial support for the Black September outfit which perpetrated the Munich Olympic massacre. The JSO is also believed to have given money and safe passage to the notorious 'Carlos the Jackal'

1979: CIA NIE (intel assessment) notes Libyan JSO intelligence network enlarged to cover all continents. Agency is particularly active in Europe monitoring Libyan exiles and dissidents

1980: MI6 tracks Tripoli-Ireland (north and south) IRA weapons pipeline. MI5 uncover secret bank accounts containing monies originating in Libya for use by IRA



Artist's impression of the incident over the Gulf of Sidra

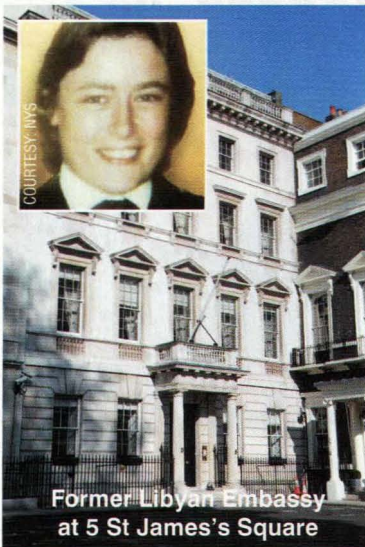
1981: Spy games between CIA and JSO widespread as Washington increases pressure on Libya for its support of terrorism. Two Libyan Russian-built Sukhoi SU-22 warplanes shot down by US F-14 Tomcats over the Gulf of Sidra, Mediterranean Sea, a region claimed by Libya

1983: In London, MI5 suspect JSO agents build and provide the bomb which exploded near the Harrods store on Hans Crescent, killing six people, including three police officers. Whilst IRA operatives drove the car bomb to the site, the IRA Army Council quickly released a statement saying it had not authorised the operation



© DILIFF

1984: Gaddafi unconcerned but annoyed that the UK allows Libyan dissidents to protest outside its embassy in St James's Square. The protest was organised by a group upset that Gaddafi had ordered the execution of two young students who had criticised him. A JSO agent inside the building shoots at patrolling police officers. WPC Evonne Fletcher is killed. An 11-day stand-off ensues, until embassy staff claim diplomatic immunity and return safely to Libya. The killer has never been identified. The UK broke off diplomatic ties immediately



Former Libyan Embassy at 5 St James's Square

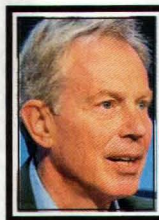
1986: Two Libyan gun boats are sunk in an incident involving the US Navy in the Gulf of Sidra

1986: JSO-backed operatives place a bomb in West Berlin's popular La Bella discotheque killing two US servicemen and a civilian. The club was chosen because it was popular with US military personnel. Though the loss of life was minimal, a further 200 people were dreadfully injured by shrapnel. Within hours, President Reagan blamed the JSO, this after the NSA intercepted a phone call from agents in Berlin to their superiors in Tripoli. "Colonel Gaddafi personally authorised the attack," according to the CIA

President Reagan briefs politicians and senior White House officials just days before the Libyan raids. A USAF F-111 aircraft is prepared by ground crew at RAF Lakenheath in England. Hours later this fighter attacked locations in Libya used by Colonel Gaddafi in an attempt to eliminate him



2004: Tony Blair visits Libya - the first serious political contact between the two countries in over half a century. He offers Gaddafi the "hand of friendship". Major trade deals follow, including contracts for BP, Shell and others. Part of the new liaison involved appointing senior British Army officer General Robin Searby as a defence coordinator with Libya under an agreement to advise and train members of the Libyan Army at the elite Royal Military Academy in Sandhurst. MI6 and the CIA also benefit from the prime minister's visit. The JSO now started providing intelligence on al-Qaida



TRACE CLUE: This clothes tag led investigators to Malta and helped build the case against Libya



2003: Following intelligence contacts in London and Tripoli between MI6 and the JSO, Libya's relations with the West improve. In August, Libya finally accepts responsibility for Lockerbie atrocity

2001: Al-Mergrahi is found guilty at the Hague international court of "mass murder". He is given a life term and sent to Barlinnie Prison in Glasgow. Al Amin Khalifa Fhimah is acquitted

2003: In October, a joint CIA-MI6 operation leads to the complete shutdown of Libya's nuclear weapons programme (see main story). A few months later Libya sends a delegation to London to meet with senior British diplomats and intelligence officials. Soon after, plans are made for Prime Minister Tony Blair to travel to Libya

1996: Rumours about that MI6-friendly elements in the Middle East, are behind an attack on Gaddafi's motorcade near the Libyan city of Sirte in February. Foreign Office Secretary Robin Cook (right) dismisses the story: "It is fantasy and has no basis in fact." Some of the information about the plot came from renegade former UK intelligence officers



1996: CIA successfully hunt down the JSO men wanted in Germany for their role in the 1986 Berlin nightclub bombing. Arrests are made in Greece, Lebanon, Italy and Germany. All suspects are jailed, including a German woman who planted the bomb. The device had been smuggled into Berlin inside a Libyan Embassy diplomatic bag

1991: A massive international investigation secures evidence of Libyan involvement in the downing of Pan Am Flight 103. The UK and USA accuse JSO intelligence officers Abdelbaset Al-Mergrahi and Al Amin Khalifa Fhimah (right) of involvement. Throughout the decade, Libya denies its agents were involved, but Gaddafi's position is softening



1990: Following the unification of the two Germany's, Berlin hands the CIA a file which proves operatives from the Libyan Embassy were responsible for the city's nightclub bombing in 1986. An East German Stasi file identifies several Libyans, including double agent Musbah Eter (right)



1989: On 19 September, a French Union de Transports Aeriens (UTA Flight 772) exploded over the Sahara Desert near Bilma in Niger. All 156 passengers and 14 crew are killed, including Bonnie Pugh, wife to the American Ambassador to Chad, Robert Pugh. Libyan JSO agents in liaison with other parties are behind the attack. Ten years later six Libyans were tried in their absence in Paris after Gaddafi refused to allow their extradition

1989: US fighter aircraft clash with Libyan warplanes over the Gulf of Sidra on 4 January. At least one Libyan jet is destroyed



1988: On 21 December, a JSO operation sanctioned by Gaddafi, results in the destruction over Lockerbie of Pan Am Flight 103. All 259 passengers and crew die. A further 11 residents of the Scottish town also perish as aircraft debris falls to earth

1988: On 3 July, the USS Vincennes shoots down Iran Air Flight 655 over the Strait of Hormuz, after mistaking it for an "incoming warplane". Two hundred and ninety civilians die, including 66 children. The CIA warn US President Ronald Reagan that a military response by Libya is "inevitable"

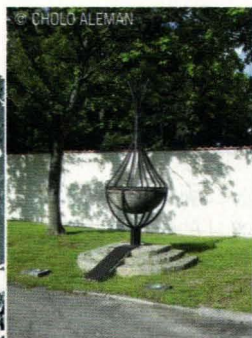


1987: MI6 agents in the Middle East notify London that a vessel has set sail for Ireland carrying a large consignment of weaponry destined for the IRA. The cargo ship MV Eksund is intercepted. Explosives traced to Libya are discovered.

© FLIGHT IMAGES



Royal Military Academy Sandhurst



Memorial Furstenfeldbruck, Germany. As German security forces attempted to free hostages taken by Black September terrorists at the 1972 Munich Olympic Games

Memorial plaque La Bella nightclub incident



1986: Just 10 days later following the 5 April, Berlin outrage, President Reagan issues an order to the CIA to "get Gaddafi". Operation El Dorado Canyon is activated. US Intelligence via NSA satellites provide coordinates to several houses used by Gaddafi in Tripoli and the city of Benghazi. American carrier and land-based warplanes attack. Gaddafi is uninjured but 15 people are killed, including the dictator's adopted baby daughter Hannah. Relations between Libya and the West deteriorate further. Weeks later, Libya fires scud missiles at a US naval post on the Italian island of Lampedusa

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The BBC Chile. The cargo ship was tracked across the Mediterranean Sea carrying components for Libya's nuclear weapons programme. MI6 agents had advised London and Washington of its cargo, but some intelligence watchers believe the entire affair was stage managed as a precursor to Libya "coming out of the cold"

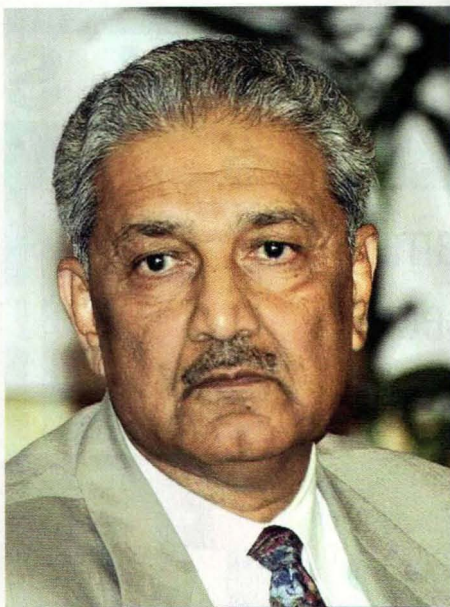
in London in late February. With Kusa were two gentlemen by the names of Abdel Ati Obeidi and Mohammed al-Zuai. It's our understanding it was this team that had negotiated the \$2.7 billion compensation package delivered to the victims of Pan Am 103. On the table was an agreement, presumably supported by the UK and USA, that in return for Libya closing down its nuclear programme, the country could come in "from the cold". At all stages the CIA advised Washington of these top secret negotiations.

Of equal significance, also exposed were various secret trading channels which had formed the basis for moving nuclear bomb information and components to countries such as North Korea, Iran and Libya. The 'A Q Khan Network', as it was code-named by MI6 (after Pakistan rogue nuclear trader Abdul Qadeer Khan the father of Pakistan's nuclear bomb), was slowly being squeezed. In time, it would close altogether.

Following the BBC China interception, and Libya's weapons' announcement, senior US



US Secretary of State Hillary Clinton with Libya's National Security Advisor, Mutassim Gaddafi in April 2009. A powerful figure in Libya, Mutassim is widely regarded as "his father apparent" to his father



Abdul Qadeer Khan. His underworld network helped develop the Libyan nuclear programme. Once exposed by the CIA and MI6, its pipeline to Tripoli in relation to supply, were vulnerable

intelligence officials were invited to visit Libya's nuclear sites, take photographs, measure equipment and even remove data.

And then in December 2003, Eye Spy learned a Libyan delegation met with MI6 and FO officials at the exclusive Travellers Club in Pall Mall. One senior UK man was attached to defence and intelligence at the Foreign Office. The Libyan party was made up of Kusa, Ali Abdelate, the Libyan Ambassador to Rome, and Mohamad Abdul Quasim al-Zwai, the Libyan Ambassador to London. Al-Zwai was an instrumental figure in the "healing" of diplomatic relations. Indeed, in March 2001, as newly appointed ambassador to London, he actually visited Buckingham Palace.

A six-hour meeting took place where it was agreed any statement coming out of London over the dropping of Libya's nuclear ambitions could be "clear" but not "humiliating". And so it was. Relations between the West and Libya were better than at any stage before.



2008: Senior Libyan 'pathfinder' man Abdul Ati al-Obeidi (far left) is now the Secretary for European Affairs. Along with Kusa in London 2003, he helped pave the way for the "resurrection" of full diplomatic ties between Libya, the UK and USA. He has many intelligence connections.

Also pictured in this European Commission photo are: Benito Ferrero-Waldner and Mohammed Tahar Siala

MUSA KUSA 'envoy of death'

Musa Kusa gets as close to Gaddafi as anyone in Libya. Today, as Foreign Minister and a front-line torchbearer of a "respectable Libya", he is greeted warmly in London and Washington. He frequently liaises with MI6 and the CIA over the menace that is al-Qaida.

But that wasn't always the case. He was often referred to in MI5 as the 'Envoy of Death'.

Kusa, 63, was once very high up on the CIA and MI6 'terrorist blacklist'. Indeed, the allegations against him are numerous. In 1980, he was kicked out of the UK after MI5 suspected him of organising assassins to kill Libyan exiles opposed to Gaddafi. As intelligence chief of the country's powerful JSO external element - ESO, he was accused of complicity over the Lockerbie atrocity; the blowing up of a night club in Berlin and the downing of a French airliner over Niger in 1989. And London police will never forgive the Libyans for shooting dead WPC Yvonne



MI5 built an extensive file on Kusa as his spy network flourished

Fletcher outside their embassy in 1984. Not one diplomat has provided information on who shot the officer.

In a rare interview with *The Times of London* in 2009, Kusa said: "Don't believe what you hear. Sometimes it's just a rumour." As for Al-Megrahi and Lockerbie, Kusa said he was not responsible, indeed, he said he had "no idea" who carried out the attack. Hardly likely.

Editor's note: MI5 describe the JSO and its various sections as the LIS or Libyan Intelligence Service



crates of missile parts on a British Airways cargo flight bound for Tripoli via Malta. MI6 had learned this route had been used before to ship banned parts into Libya.

Months earlier, Indian Intelligence had tipped MI6 off about components found on a North Korean vessel called Kuwolsan. Marked 'water refinement equipment', the parts were actually an assembly line for ballistic missiles.

Following the BBC China incident and restored diplomatic ties, Libya's Foreign Minister Abdel-Rahman Shalgam said: "Libya had acted because the weapons do not benefit the Libyan people. We want to have ties with America and Britain because this is in the interest of our people."

Editor's notes: Kenny MacAskill's decision to free the JSO man was a massive mistake, but an honest one with no ulterior motive. But his use of the word "compassion" does not sit comfortably with many people. He showed his political naivety on the international stage.

Few people ever learn what really transpires behind closed-doors in faraway countries and closer to home. Yet one key point which leaders, politicians, journalists and the foreign diplomatic corp. seem to forget, is Al-Megrahi and his pals could not have placed the bomb on the airliner without getting the green light from his supreme commander - Colonel Gaddafi.

As for the medical report on Al-Megrahi... watch this space.

CYBER WEAPONS

Eye Spy's senior US editor examines compelling evidence that a secret cyber arms race has already begun



THE

5th Domain OF War

**Kevin
Coleman**

There is a growing mass that believes a cyber arms race has already begun. Concerns over the United States' cyber security continue to grow throughout the security industry and on Capitol Hill. In fact, the Congress has introduced over 30 different bills dealing with information security and Internet policy. This discussion is not limited to the United States. Multiple nations are not just concerned with what has been referred to as the fifth domain of war (land, sea, air, space and now cyberspace), but with the growing epidemic of cyber crime and the fact that over 100 countries now have cyber intelligence organisations and even more are thought to have active cyber weapons development programmes.

Several individuals and even some organisations have spoken of the sensationalism of the threat of cyber weapons and question the inherent risks. It is hard to consider the threat to be sensationalised given the reported losses and when the President of the United States was woken up in the middle of the night and informed of a cyber attack that impacted the Department of Defense (DOD) and both theatres of operation (Afghanistan and Iraq).



Cyber weapons should be added to the list of arms falling under the UN's Advisory Board on Disarmament Matters...

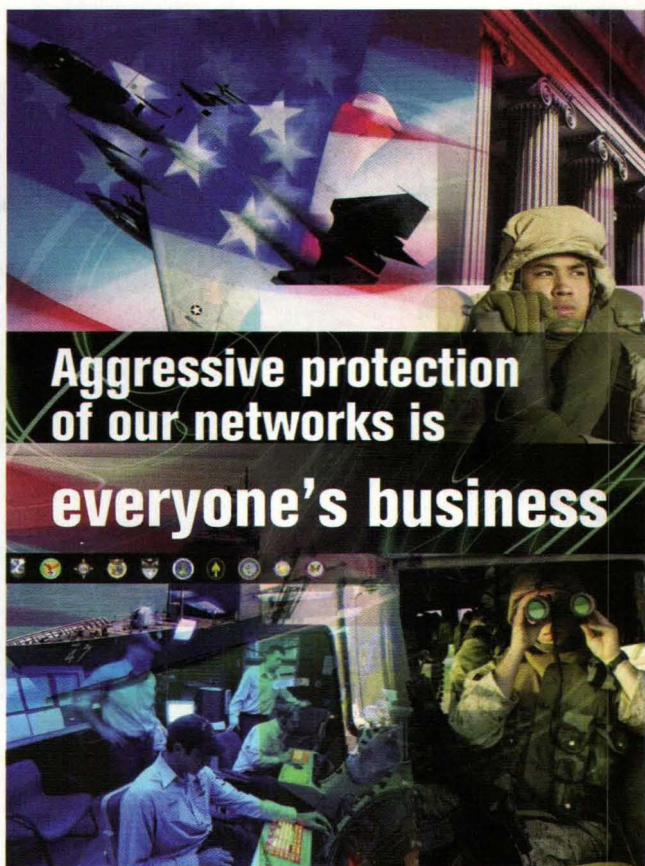
UN Secretary General Ban Ki-moon

use other countries infrastructure for their attacks, and serve both tactical and strategic purposes. Intelligence sources believe that a number of nations have equipped their militaries with advanced cyber weapons capable of launching attacks not only against computers, data, networks and even smart phones, but also against critical infrastructures that rely on computer networks for control and management. And the air industry is not safe either. Controlling the proliferation of cyber weapons is a huge challenge.

SIGNIFICANT ISSUES

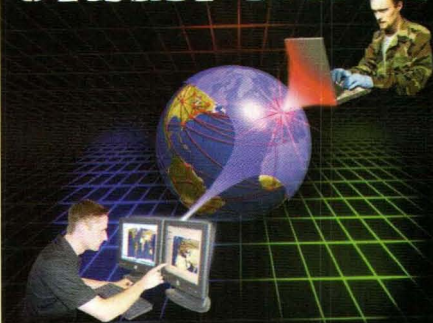
1. The absence of an internationally accepted definition for a cyber weapon, cyber attack and most importantly act of cyber war creates ambiguity around what will actually be controlled.
2. The fact that in many cases the only difference between a security testing tool and a cyber weapon in the intent of the user.
3. The access to widely available freeware/ open source software that could be used as a cyber weapon.
4. The growing use of third-parties (many of them in the private sector) to conduct cyber espionage and cyber attacks.
5. There are huge enforcement difficulties associated with cyber arms control not to mention the challenge of compliance verification calling into question the value of any treaty.

Few people appreciate, let alone understand, the devastation a cyber weapon could have. The recent attacks on Estonia and Georgia, while substantive, were just the tip of the iceberg with limited impact when you consider attack modalities that leverage some of the more sophisticated digital weaponry that exists today. Cyber weapons can deliver their payload in fractions of a second, they can easily cross borders and



A US military poster warning employees of the need for cyber security. The Pentagon has spearheaded a massive drive to make sure all elements of the US military and intelligence branches are defended properly

CYBER FACTS



FACT: Russia was quick to point to NATO's establishment of a cyber warfare facility (Cooperative Cyber Defence Center of Excellence) in neighbouring Estonia as a provocative act that runs contrary to their proposals to constrain the proliferation of cyber capabilities.

FACT: Cyber weapons have been referred to in military circles as the "Great Equaliser" due to the limited cost of development or purchase.

FACT: Foreign policy experts believe it will be quite difficult to create and maintain a coalition of nations needed to establish an effective cyber arms control treaty.

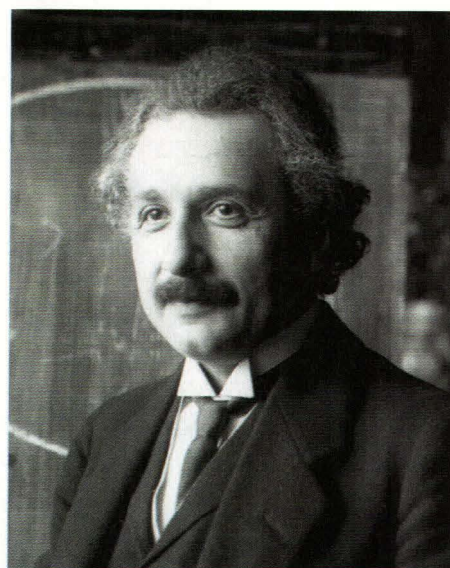
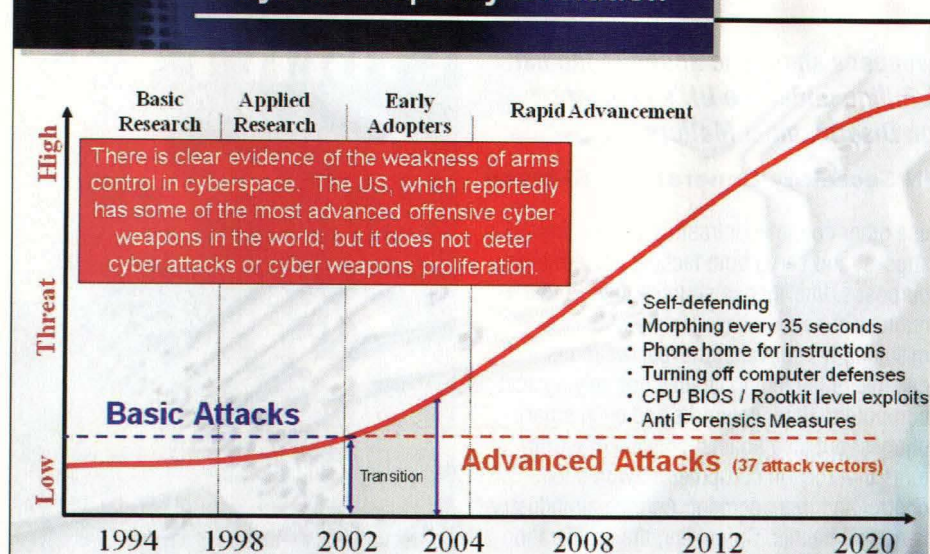
FACT: Nearly three years ago Internet security firm McAfee began to warn of a global cyber arms race and now we're seeing increasing evidence that it's become real.

FACT: Cyber weapons, in an embryonic form, emerged back in the 1980s when hackers began coding and releasing computer viruses and worms.

FACT: Cyber weapons are easily acquired, inexpensive and strike with little warning.

control cyber arms and rightfully so. The United States did not pay much attention to Russian proposals to address cyber arms control. The Russian approach to this issues focuses in limiting the development and use of this new class of cyber weapon that many have discussed much in the same category as weapons of mass destruction (WMD) as did Director of National Intelligence, Mike McConnell, in an interview on US television in January 2009. According to Fox News, last year Russian officials came to the United States and met with State Department, Homeland Security and law-enforcement officials to discuss cyber security. Given their tenacity on these issues one would have to surmise the topic of cyber arms control came up. Russia was obviously unhappy with the US response overall because they took their interest in cyber arms control to the United Nations. The Obama administration is believed to be currently reconsidering its position on

Cyber Weaponry Evolution



"Intellectuals solve problems, geniuses prevent them..."

Albert Einstein

the Russian efforts to control cyber weapons. Recently, the head of US Cyber Command (USCC) -General Keith Alexander stated: "It's something that we should, and probably will, carefully consider," with respect to the Russian efforts to control the proliferation and use of cyber weapons.

While many are fully in support of the concept of cyber arms control, the effectiveness of any such effort is being questioned given the unique characteristics of this new class of weaponry. Today, State and non-state actors have increased access to advanced cyber weapons that give them global reach which

makes them far more dangerous. What can be done about the significant amount of cyber arms that currently exist? Consider this, in 2009, Panda Labs, an international network of research and technical support centres devoted to protecting users against viruses, identified 25 million new strains of malware. The open availability of cyber weapons calls into question the effectiveness of any cyber arms control treaty.

Our strategic threat environment can be accurately described as highly complex, rapidly evolving and has the capacity to change at a moment's notice. NATO countries must rapidly alter and continuously update their mental models of conflict as well as the

doctrines, operational plans and training programs that were designed specifically to address mechanisms of conflict with the Warsaw Pact.

Albert Einstein once said: "Intellectuals solve problems, geniuses prevent them."

Let's hope we have geniuses working on this. The cost associated with waiting for the intellectuals to solve this problem will be significant. Maybe it is already too late!

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CELTIC GOD OF THUNDER TARANIS

BAE Systems display futuristic unmanned aerial vehicle



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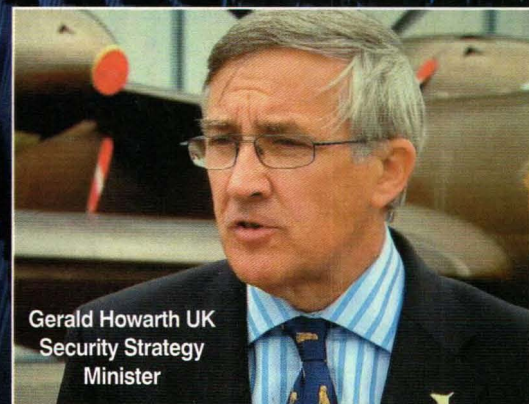
With a great deal of ceremony and pomp, and in a facility the intelligence world recognises as being at the cutting edge of secret aviation technology

(Warton, Lancashire), BAE Systems rolled out its first demonstrator Taranis. The futuristic Unmanned Aerial Vehicle (UAV) project, named after the Celtic god of thunder, has been around for several years, indeed, there are some aviation watchers who will tell you Taranis is the result of similar secret stealth-like projects the best part of two decades old.

Speaking at the unveiling ceremony, Minister for International Security Strategy, Gerald Howarth said: "Taranis is a truly trailblazing

project. The first of its kind in the UK, it reflects the best of our nation's advanced design and technology skills and is a leading programme on the global stage." He added: "Taranis shows the UK's advanced engineering, research, technology and innovation sector at its world-beating best."

Britain's Taranis looks very similar in design to Boeing's Phantom Ray demonstrator, which was revealed just months ago and featured in Eye Spy 68. Indeed, even the dimensions are similar - both aircraft are around 40ft long and feature an even longer wingspan. Taranis has also been compared to Phantom Ray in respect of its featured technology, and experts agree - there is absolutely nothing to choose between the aircraft in terms of their performance.



Gerald Howarth UK
Security Strategy
Minister

Taranis will be used to help the RAF in its search for a pilotless stealth-like fighter-bomber and surveillance/reconnaissance

aircraft capable of performing high-end and dangerous operations over enemy territory using a plethora of onboard sensors. Taranis is expected to operate in various theatres, though officials at the Ministry of Defence are already thinking in terms of using the aircraft as a front-line attack and support aircraft.

INTERCONTINENTAL WARPLANE

Almost £150m has thus been spent on the demonstrator, which is virtually invisible to ground radar, and designed to travel at very high speeds. Traversing thousands of miles from continent to continent will pose no problem to the UAV, giving an insight into the type of advanced technology used by BAE Systems in the aircraft.

Essentially Taranis can be despatched from the UK (or other points) fly thousands of miles, strike or surveil a target and return safely. The machine can be pre-programmed or alternative instructions uploaded via satellites whilst enroute to a target or in general flight.

The folks at British Intelligence have also shown an interest as Taranis could provide a very useful tool in penetrating areas simply too dangerous to operate in.

It has been designed to carry a variety of weapons, including missiles, bombs. However, unlike other UAV's, including Phantom Ray (to our knowledge) Taranis carries a powerful self-defence capability, and also, interestingly, weaponry to bring down other UAVs. It goes without saying, cameras and surveillance equipment are also supported within its advanced metal frame.

"This programme is not just about helping position UK industry for a future programme, and putting the UK on the map with cutting edge technology," said DE&S Strategic Unmanned Aerial Vehicle (Experiment) (SUAVE) team leader, Jonathan Barratt. "It is also about informing the basis for future RAF and potential future military capability."

The platform will operate well into the 21st century, and probably beyond.



Nigel Whitehead group managing director BAE Systems said:
"Taranis has been three-and-a-half years in the making and is the product of more than a million man-hours. It represents a significant step forward in the UK's fast-jet capability."



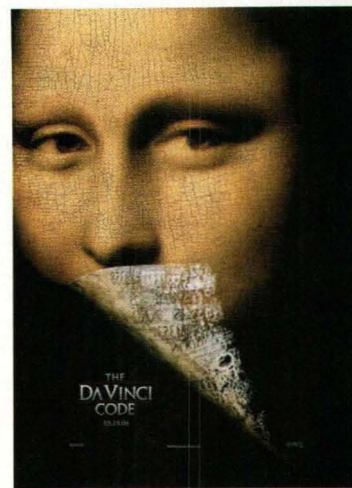
Clips from the animated film show that accompanied the actual presentation to a select gathering of officials and press at Warton



Taranis is an informal partnership of the UK MOD and industry, British engineering firms including BAE Systems, Rolls Royce, QinetiQ and GE Aviation

CYBERCOM'S

Secret Code Demystified



America's newest and hugely important security organisation - Cyber Command, has set tongues wagging by placing a "perceived" code within its impressive seal. However, following all sorts of strange explanations regarding its meaning submitted by codebreakers, boffins and conspiracy theorists alike, US Petty Officer 2nd Class ELLIOTT FABRIZIO (a communications specialist) brings everyone down to earth and "cracks the code"...

Did you know that there is a secret message in the US Cyber Command's seal? A close inspection of the logo's inner gold ring will reveal this 32-character code:- ec4c12949a4f31474f299058ce2b22a.

A *Washington Post* headline read: 'Can you crack the Cyber Command code?' and *Wired.com* offered a free t-shirt to the first one to accurately crack the code.

With that incentive, guesses poured into *Wired.com*'s comments bar. People guessed everything from "in God we trust" to "Soylent Green is people". Well, I cracked the code, but you can keep my t-shirt. (*Wired.com* shirts aren't exactly babe magnets.)

Mystery solved: the code is actually Cyber Command's mission statement:



make one of those 32-digit codes (MD5 hash) from anything ranging from the word "apple" to an elaborate mission statement.

As much as I wish the opposite, I'm no genius for figuring it out. This isn't exactly the Da Vinci Code. Nobody wake up Tom Hanks. As usual, the Internet does all the work for you.

Running an Internet search for an MD5 de-crypter will essentially take you to a free website that does just that. Punch in 9ec4c12949a4f31474f299058ce2b22a.

Searching MD5 hash generator will let you reverse the process or make exciting new codes with your friends.

A Cyber Command official confirmed that the code is their mission statement, and said this code is simply part of the symbolism in the logo and not a secret, a contest or a trick.

9ec4c12949a4f31474f299058ce2b22a

USCYBERCOM plans, coordinates, integrates, synchronises and conducts activities to: direct the operations and defense of specified Department of Defense information networks and; prepare to, and when directed, conduct full spectrum military cyberspace operations in order to enable actions in all domains, ensure US/ Allied freedom of action in cyberspace and deny the same to our adversaries.

The encryption uses an old message-digest algorithm, called MD5, created back in 1991. You can create MD5 hash from any string of 256 characters or less. In short, you can

USCC is based at NSA HQ, Fort Meade, Maryland



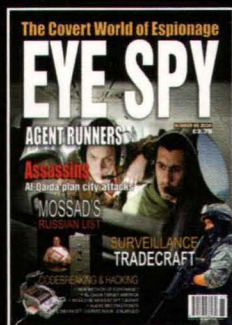
"The computer code ties the command back to the early days of computer networking," said Cyber Command's Public Affairs Officer Lt. Cmdr. Steve Curry.

Code cracked, case closed, and maybe I will take that t-shirt now.

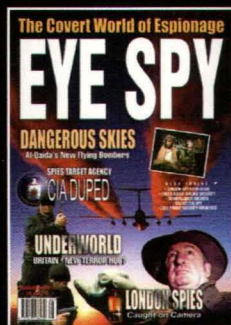
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- US Cyber Command centralises the Defense Department's Internet operations, and provides the capability to combat cyberspace threats.

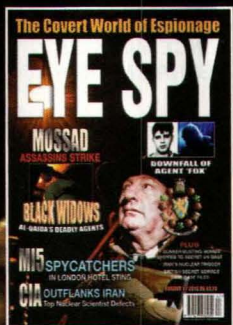




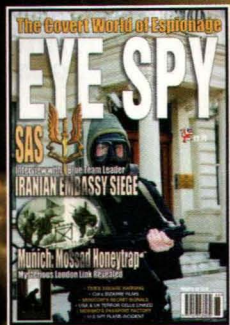
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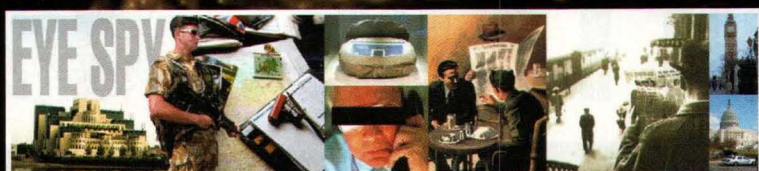


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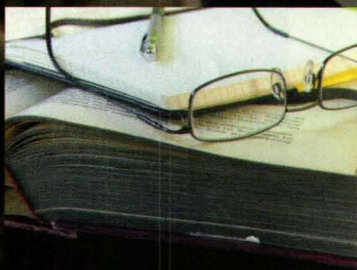
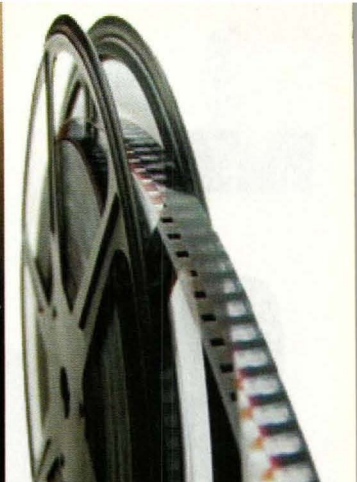
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"Israel will be compelled to attack Iran's nuclear weapons by this November unless the US and its allies enact crippling sanctions to undermine Iran..."

FORMER ISRAELI DEPUTY DEFENCE MINISTER
BRIG. GENERAL EPHRAIM SNEH

INSIGHT

the Saudi Corridor



Mossad Spy Chief in Top Secret Saudi GIP Intel Talks

Intelligence sources in the Middle East have confirmed that the Mossad's Director, Meir Dagan, held secret talks with Saudi Arabian spy chiefs in Riyadh in early July. The mainstream media seemed oblivious to the event which was first reported upon by the right-leaning World Net Daily. Dagan allegedly met with Muqrin bin Abdul Aziz Al Saud, President of the General Intelligence Presidency (GIP). This organisation is the most important element contained within the Kingdom's complicated intelligence structure.

Mr Dagan apparently discussed Iran's nuclear weapons programme as well as the increasing likelihood of an Israeli air strike against selected targets in Iran.

What is known, is that since the turn of the year, Israel and Saudi Arabia have liaised and cooperated on a whole range of subjects, this as an increasing number of Arab states believe a nuclear weapon in Iranian hands would be more unstable than the 200 or so already in the possession of Tel Aviv.

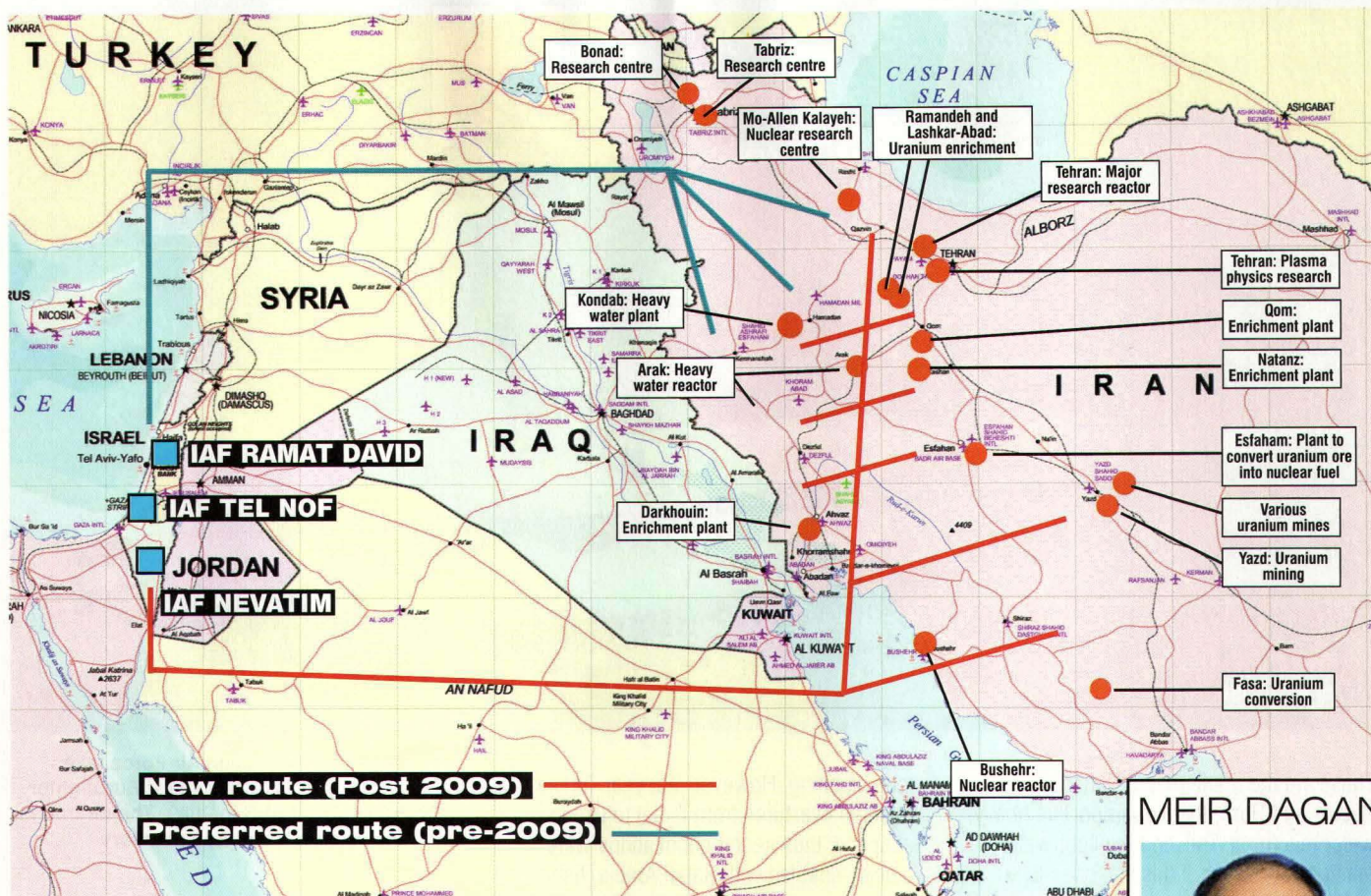
Some senior news editors in Israel were informed several IDF (Israel Defence Force) missions have already taken place in Saudi Arabia and over its airspace. Perhaps most significant, the

Paving the way for the implementation of the Mossad's most important instruction:

'Preventing the development and procurement of non-conventional weapons by hostile countries'

IAF F-16I





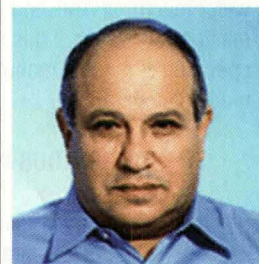
moment when aviation enthusiasts reported strange commentary coming from Saudi air controllers that suggested its air space was closed down for a few hours. This coincided with a top secret IAF operation which saw several Israeli warplanes fly south before crossing east over the Kingdom enroute to Iran. South of Kuwait and North of Bahrain the formation briefly separated simulating four or five flight paths to various targets in Iran.

Intelligence analysts working with photographic evidence increasingly supplied by Israel's burgeoning spy satellite programme, have already issued a listing of primary targets.

Main: 2009 Russian Tor M2E. A formidable mobile air defence system. Moscow has sold Iran several Tor 1 (inset) surface-to-air units which could well have been upgraded. The Mossad suspects these systems and other land defences are in place around Iran's main nuclear sites. IAF warplanes may well have to face a gauntlet if they enter Iranian airspace. Interestingly, the NATO reporting name for the Tor is indeed 'GAUNTLET'.

In 2005, Iran signed a contract with Moscow for the advanced Russian S-300 missile system. No units have thus been delivered.

MEIR DAGAN



Meir Dagan, 64, is one of the longest serving heads of any of the world's premier intelligence services. Appointed as Mossad director in 2002, Dagan has overseen numerous covert operations that have spanned the globe.

There were calls, however, for Dagan to resign after a Mossad team were exposed in Dubai following the assassination of Hamas commander Mahmoud al-Mabhouh. Some security pundits said he was going to resign in October 2010, though this seems highly unlikely. Indeed, just recently he asked to remain for another 12 months. In Tel Aviv, many intelligence watchers believe this is to oversee one of the most dangerous and potentially damaging operations ever conducted by Israel - the bombing of Iran's nuclear facilities.



"Any attack will be defeated by Iranian forces. It will trigger the countdown to Israel's destruction..."

Iranian Defence Minister Brig. General Ahmad Vahidi



Two IAF F-16s from Ramon AFB on exercise in the Nevada Desert

These are the uranium enrichment plants at Natanz and Qom; the ultra important heavy-water reactor at Arak and the light-water reactor at Bushehr. If this site goes fully operational, it could manufacture weapons-grade plutonium.

METICULOUS PLANNING

Similar long-range air training exercises have taken place in the last three years; in these cases the Mediterranean Sea was chosen to represent Saudi Arabia, and the coastline of Italy - Iran. The overflight mileage is very similar. The IAF initially chose the Tel Aviv to Rome training route because it is around 1393 miles (2240km). The route originally favoured by the IAF to strike Iran was via Turkey, which is 1367 miles (2200km). Such is the meticu-

lous planning. However, last year Turkey finally rejected overtures from Israel to use its airspace, thus secret negotiations were quickly enabled with Saudi Arabia, hence the new manoeuvres and secret training flights.

Turkey, it should be remembered, is a longtime ally of Israel, despite recent fury over the debacle which saw Israeli Special Forces board an aid ship to Gaza. The subsequent fighting left several Turkish nationals dead. Indeed, in 2007, Turkey allowed Israeli elements from a top secret Mossad/Special Forces raid to cross its airspace to destroy the Iranian/North Korean-sponsored Syrian nuclear reactor.

Direct routes across Jordan, Syria and Iraq were ruled out in 2008, after the US said any

Royal Saudi Arabian Air Force takes delivery of the country's first Eurofighter Typhoon at Taif AFB in 2009. The aircraft is a match for any adversary



air incursion here would play into the hands of al-Qaida and its supporters and isolate Israel further. A new 2010 request made by Israel to overfly Iraq was rejected by President Obama.

There are also reports that suggest Israel has been allowed to install equipment in Saudi Arabia that is almost certainly linked to this endeavour, including radar jamming machines.

It's not the first time Meir Dagan has visited Saudi Arabia. In 2009, it was reported an Israeli intelligence delegation flew into the Kingdom and met with Saudi Intelligence. On the table was a proposal which essentially meant any IAF overflight of the country to strike Iran would not be met with a military response.

As for the codename of the proposed strike on Iran's nuclear infrastructure, Eye Spy sources in Israel say a name has been issued, but it is a closely guarded secret and known only to a few senior military, intelligence and political figures. An attack will undoubtedly come out of the blue with no warning issued.



US Secretary of Defense Robert Gates meets with Israeli Defence Minister Ehud Barak at the Pentagon on 27 July 2010. Iran was discussed

LINKS: www.mossad.gov.il

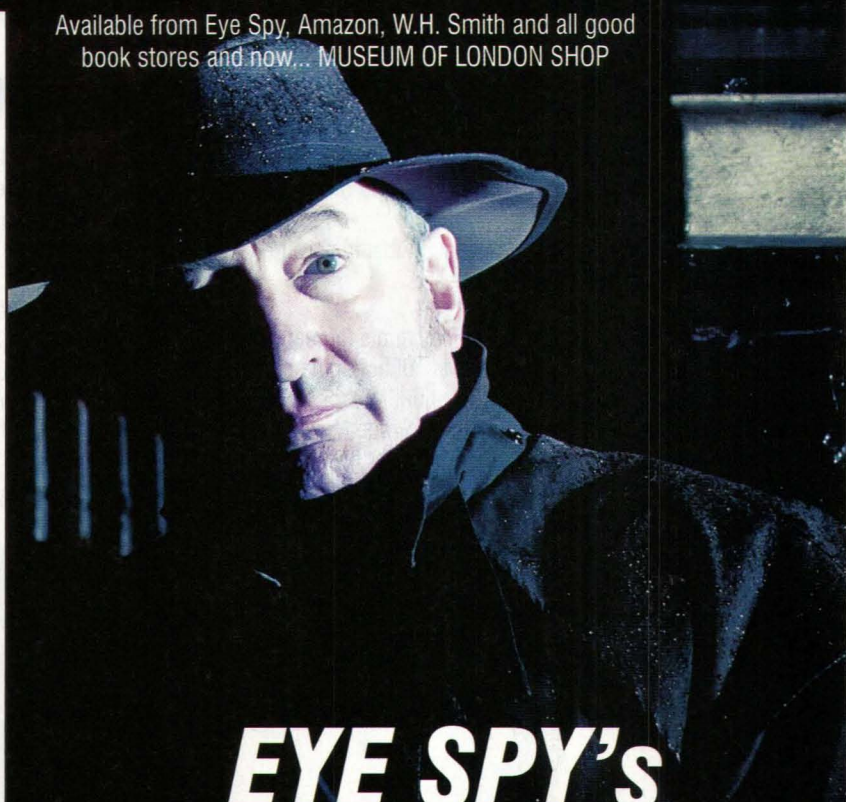
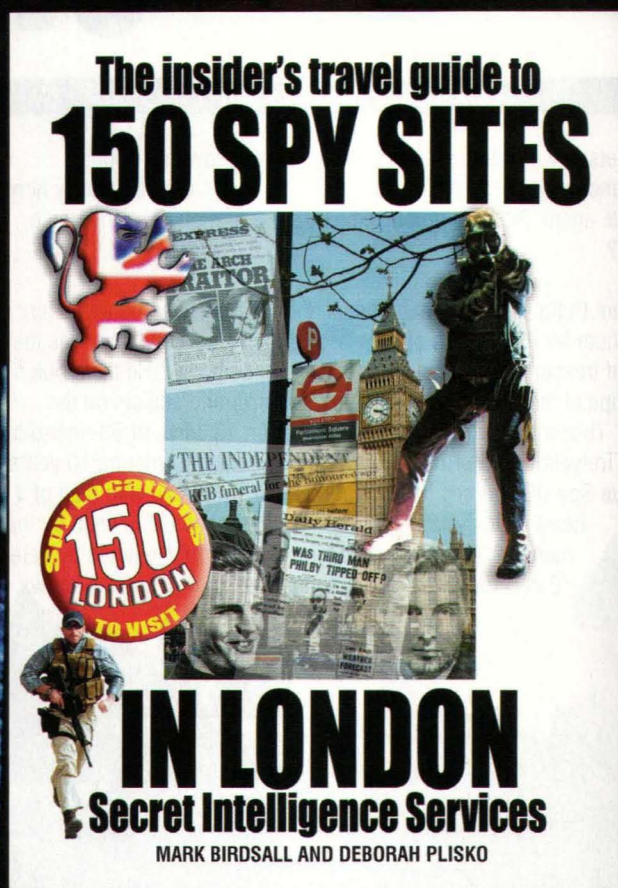
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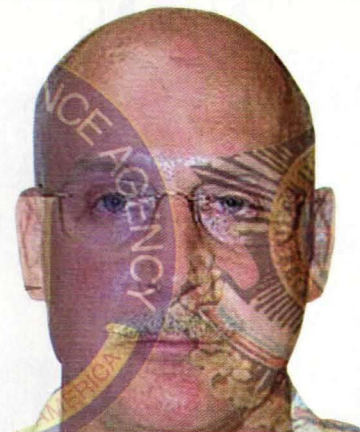


PRICE INCLUDES POSTAGE, PACKING AND AIR MAIL SHIPPING!

- intelligence service headquarters • branch locations • operations' and planning centres • watcher surveillance residences • front companies • interrogation rooms • special spy training schools • equipment centres • spy and spy chief residences • branch locations • dead letter drops • covert agent meeting points • safe houses • notorious spy residences • spy recruitment locations • entertainment and clubs • codebreaking buildings • assassins • garages and lock-ups • honeytraps • plots • disguises • strange twists of fate • heroes

SVR JACKAL

or



The intelligence conspiracy wheel has been spinning madly to try and determine who outed the SVR gang, or as Vladimir Putin says, "exposed his beloved agents". Moscow believes it knows. The smart money, however, is being placed on the so-called SVR "spy handler" himself - Robert Christopher Metsos. After he fled to Cyprus with his "girlfriend", there has been absolutely nothing of note in respect of reports, sightings etc. Even the intelligence rumour mill has been strangely quiet.

One thing is for sure... he didn't enjoy the well publicised "spy singalong" and a vodka or two with Prime Minister Vladimir Putin and the rest of the freed SVR operatives.

CIA

Speaking to journalists, Mr Putin grimaced: "You need to fulfil the task set in the interests of your motherland for many, many years, not counting on diplomatic cover, expose yourself and your loved ones to danger."

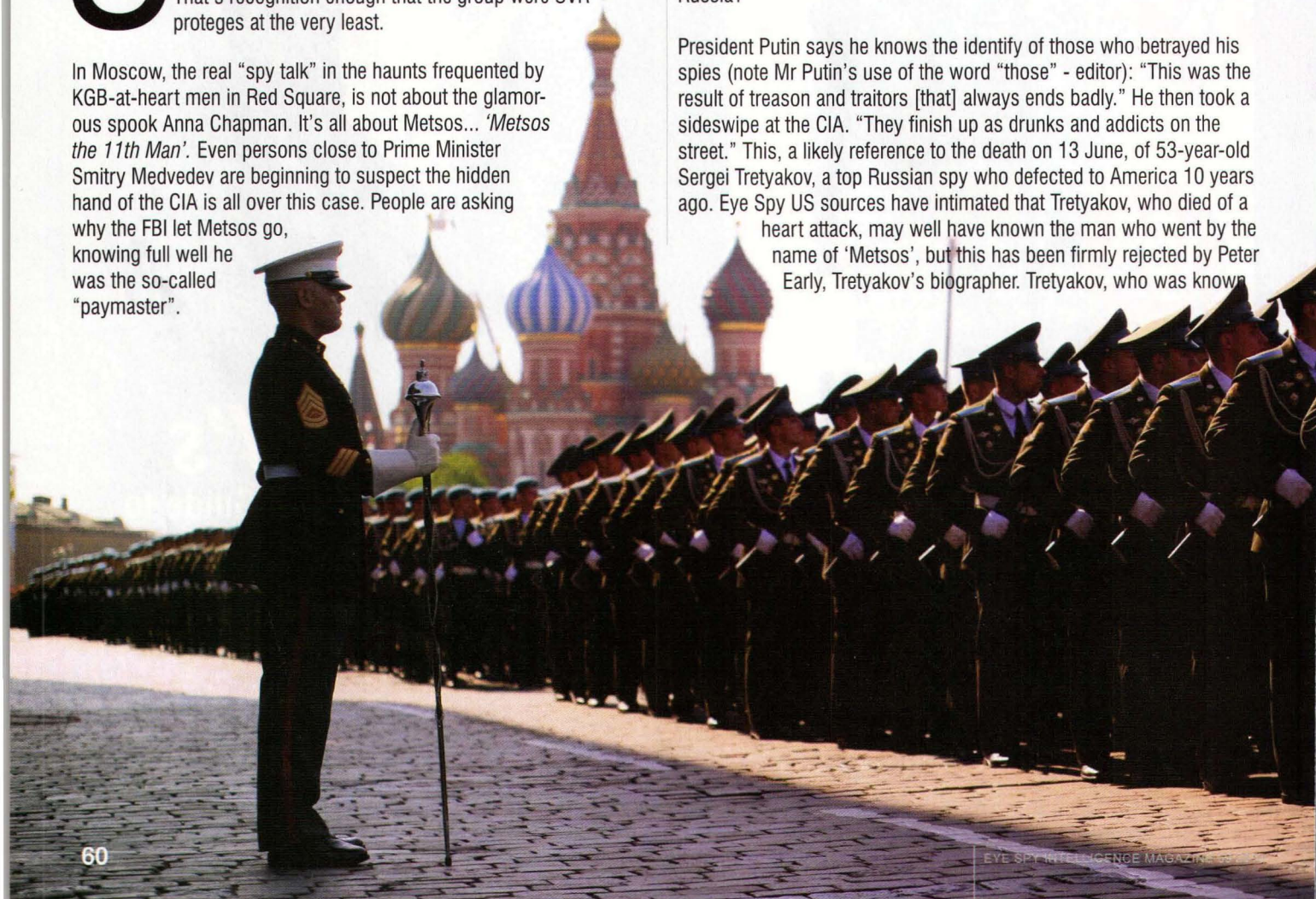
That's recognition enough that the group were SVR proteges at the very least.

In Moscow, the real "spy talk" in the haunts frequented by KGB-at-heart men in Red Square, is not about the glamorous spook Anna Chapman. It's all about Metsos... *'Metsos the 11th Man'*. Even persons close to Prime Minister Smirny Medvedev are beginning to suspect the hidden hand of the CIA is all over this case. People are asking why the FBI let Metsos go, knowing full well he was the so-called "paymaster".

CIA OR SVR DOUBLE AGENT?

That Metsos was feeding disinformation to Moscow and bogus intelligence manufactured in Langley seems likely, and that makes him a double agent. But who employed him in the first place... America or Russia?

President Putin says he knows the identity of those who betrayed his spies (note Mr Putin's use of the word "those" - editor): "This was the result of treason and traitors [that] always ends badly." He then took a sideswipe at the CIA. "They finish up as drunks and addicts on the street." This, a likely reference to the death on 13 June, of 53-year-old Sergei Tretyakov, a top Russian spy who defected to America 10 years ago. Eye Spy US sources have intimated that Tretyakov, who died of a heart attack, may well have known the man who went by the name of 'Metsos', but this has been firmly rejected by Peter Early, Tretyakov's biographer. Tretyakov, who was known



WARNING

"We already know who was behind the betrayal of our people in America... they will be exposed and punished"

FORMER KGB OFFICER AND PRESIDENT OF RUSSIA
VLADIMIR PUTIN



MAGICIAN?

as 'Conrade J' by his US intel colleagues, was an SVR Colonel responsible for covert operations in New York City and at the United Nations. Insiders close to the FBI say this brings him into play with Metsos who the FBI watched in 2004, receiving a bag of money from a suspected Russian spy based at the Russian Mission in New York... attached to the United Nations.

Writer Yulia Latynina of *Novaya Gazeta*, a publication which has a good reputation, also suspects events are not as clear cut as they first seemed. "Metsos left Cyprus, where the comedy of his release on bail was staged, and he immediately returned to the USA, where he is currently being debriefed and waiting for a new identity," she said. The events were a CIA smokescreen, believes Latynina, used to get Metsos out of the country under the guise of a "fleeing SVR agent". For the record, Latynina received the Freedom Defenders Award from the US Department of State in 2008.



Yulia
Latynina

**"Events stage
managed by
CIA... it was a
smokescreen"**



© peteearly.com

**Sergei Tretyakov - SVR officer
who defected to the United
States in 2000**

where big Russian business people invest their money, where Moscow's real spies venture and take time out to relax, where 20,000 Russians live. It's also home to various 'front companies' controlled by Russian Intelligence. This is why some intelligence watchers really do believe Metsos was a top SVR spy and Moscow pulled out all the stops to negotiate his release in Cyprus.

Similarly, if the CIA had to select one country for the purpose of creating a smokescreen and cover for their man - then it would be Cyprus. And lest we forget MI6 has a major Field Station and communications centre on the island.

Cyprus has a spy history as legendary as anywhere on the planet, but it's not something one outside the intelligence community would really know. Known as the "neutral ground", the island regularly stages top secret meetings between the Mossad and intelligence elements from various Arab countries. In recent times, suspected MI6 agent, Vyacheslav Zharko, who alleged he was recruited by MI6 through the murdered former FSB officer, Aleksander Litvinenko, claimed he used Cyprus to pass intelligence to his MI6 handler.

Others point to the complete lack of criticism levelled at the FBI, who were supposed to be watching him. How could he simply leave the country if he was centre stage?

CYPRUS - A SPY'S PLAYGROUND

Northern Cyprus, under Turkish jurisdiction, has no extradition treaties. It's also a place

Continued on page 82

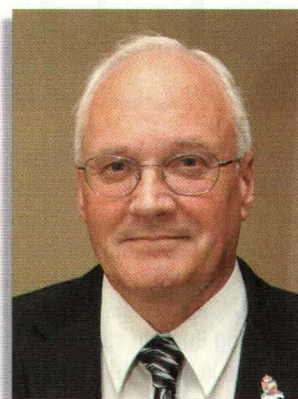


FATE OF 'CAMP-X COLLECTION' REMAINS IN THE DARK

Lynn Philip Hodgson, Eye Spy's Canadian Associate Editor, explains the enormous struggle to save and preserve one of the most important espionage and intelligence collections in the world, this as Canada's Government stands idly by...

The rows of glass display cases stand silent, in the dark, filled with intelligence artifacts, unable now to tell their story of another era when agents of the Allies put these devices to good use. Why? Because the current owner of this one of a kind collection of spy tools has decided to put the collection up for sale to the highest bidder.

It all started in 1977, when I was doing research into Camp-X, the top-secret spy school in Canada and only a stones throw from where I was living. The research was for my book, *Inside Camp-X*, a book that wouldn't be published until twenty-two years later. That was due to the Official Secrets Act, an act that made it against the law to publish material, deemed by the state, to be a national secret.



I first met Bob Stuart in that summer of 1977, when someone told me about Bob's museum at the Oshawa Airport. During the war, the airport had been part of the 'British Commonwealth Air Training Plan' (BCATP) and known locally as '#20 EFTS' (Elementary Flight Training School). Two thousand Allied pilots would graduate from this school and go on to fly Spitfires, Hurricanes, Lancasters and Halifax aircraft, of which, some one thousand men would not come home.



Bob had an excellent display of RAF/RCAF uniforms, medals, badges, aircraft parts, pilot log books, weaponry, even the instrument panel from a Spitfire and Hurricane and if



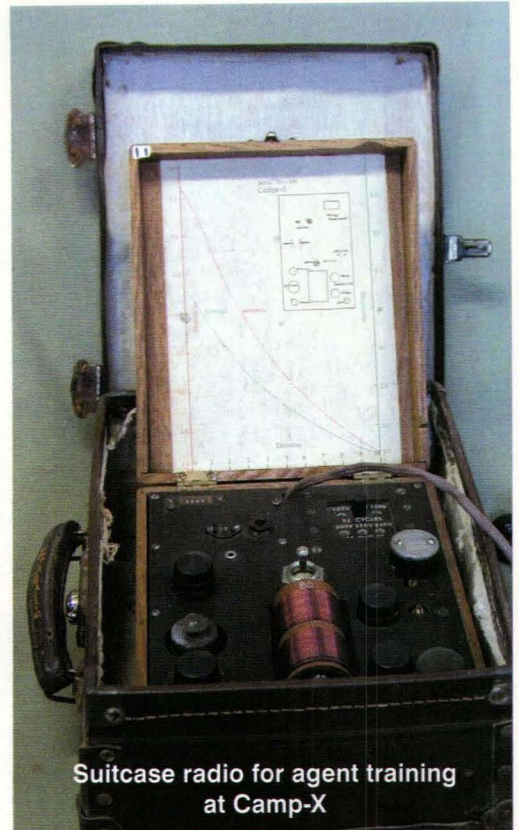
Poison gas pen



Monkey dung, concealing RDX explosives used for operations in the Asian theatre of war



This comb was made by the M (Magic) Division of Canadian William Stephenson's (MI6 codename - Intrepid) secret British Security Coordination organisation. Contained within, a tiny compass



Suitcase radio for agent training at Camp-X

you can believe it, a 'V1' rocket engine; heaven knows how he got that all the way over to Canada.

As part of my research, my travels would lead me into a very secretive world of intelligence operatives. It's strange how a person will trust a complete stranger over his or her relatives, simply based on the fact that you understand and can empathise and in many ways sympathise with their particular situation.

This is why many people came forward with all kinds of things, artifacts one might say, related to their work or purpose for being at Camp-X. As I started to assemble a number of items I thought, wouldn't it be great if we could display all of these items, while protecting the individuals' anonymity.



[Sir] William Stephenson headed the biggest MI6 front organisation ever created - BSC



With that in mind, I visited Bob one Saturday afternoon and asked, "do you think that you could free up some room at the back of your museum to make a Camp-X exhibit?" Of course, Bob thought that that was a great idea and with that he and I set out to create the Camp-X Collection. With the help of my

wife Marlene, a number of dedicated volunteers, teacher Nancy Hamer-Strahl and her group of grade ten high school students, in 2002 we opened and dedicated the three-thousand square foot 'Camp-X Collection', which consisted of all kinds of James Bond "toys" as well as radios (in operating order) from the camp, spy cameras, photographs, weapons, a scale model of Camp and a few unique items.

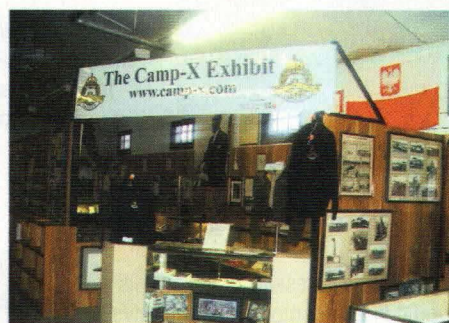
For example: Monkey dung concealed in RDX explosive used in the Asian theatre of war, a poison pen that sprayed a lethal gas when pressed, a camera that fired a deadly projectile at close range, a small pistol made by General Motors of Oshawa called "The Liberator", a pair of sun-glasses that had mirrors on the inside so that one could see directly behind. These are just a few of the wonderful artifacts that were on display.





The famous and unmistakable cigarette-holding pose of MI6 man Ian Fleming is clearly evident in this oil painting. Fleming, for a time, trained at Camp-X

Harris of the Sir William Stephenson Legion had a barbecue that raised another three thousand dollars, and so on. Now the total is ten thousand dollars but as you can see, we're a long way off the target number. Out of the whole experience, the most disappointing fact is that the Canadian Conservative Government just doesn't care.



All this changed in 2004 when Bob passed away after a short illness. Bob's family took possession of the museum and tried to make a go of it for several years. We would book schools to come through but it wouldn't be enough to pay the bills. In fairness to the family, they did try to make a go of it; but it

was too much. First the heat was turned off, then the water heater, and finally the lights were turned off until someone would come through. People did come, from all around the world. In fact, they planned their vacations around a visit to the now famous Camp-X museum. As one American said, if this were in the States, it would be another Gettysburg. I believe that as I've been to Gettysburg and there are always ten or twelve school buses at the gates waiting to get in.

After pleading with the Heritage Ministry to find the funds to save the collection, in the end, they didn't step up to the plate.

And with that, Canada may have lost forever its history and heritage of the wonderful contribution of Canada, to the successful outcome of World War Two.

For more information see:

LINKS: www.camp-x.com

and 'Save the Collection' on Facebook

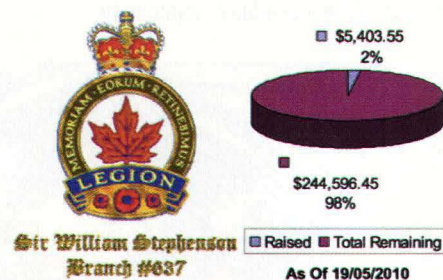


Alan Paul Longfield, Lynn's co-author on his fine Camp-X books

Imagine my surprise when I read on the Internet that the Camp-X Collection was up for sale to the highest bidder, starting price, one million dollars! Of course I was devastated; how could this happen I asked myself?

I set out to create a 'Save the Collection' Facebook page asking people to come forward with ideas as to how we could save this one of a kind collection. I told people that you can visit any small town in Canada or Great Britain and see numerous artifacts from WWII, but there was only one Camp-X collection in the world and it was in Oshawa, Ontario, Canada.

A number of individuals came forward asking how they can help? Erika and Will organised a carwash that raised a thousand dollars. Bill



The Royal Canadian Legion, Sir William Stephenson, Branch 637 of Oshawa, Ontario, is attempting to purchase the historic treasures before they are lost to the nation. For further information visit:

LINKS: www.rclbr637.com

Communicating with

Eye Spy's new Radio and Communications consultant, PAUL BEAUMONT, delves into the unseen world of agent content and explores the methods, both old and new, that provide a channel of communication between intelligence operator and their command.

Particular attention is paid in this feature to the spy tradecraft of radio...

The recent arrest and subsequent deportation of eleven suspected SVR spies in America certainly made international news; I was on holiday in Cornwall, England, and the subject matter was even raised at the dinner table during my evening meal. A comment, in reality a curious remark, posed by one of the two guests my wife and I shared our table with was, "How on earth do 'they' communicate with their spies abroad?" You can imagine their surprise when I explained how this was achieved! They didn't know, of course, that as a radio hobbyist I had been monitoring a target message from my room.

So much was written in the media about the arrests, the background, the spycraft used and the differing personalities of those involved, that I decided to find out more upon my return home.

I downloaded two affidavits in the public domain - released by the FBI about the events leading up to the arrests and the activities, those in custody and the one who slipped bail in Cyprus. They made for interesting reading and in part offered some insight into the methods used by the group to communicate between themselves as well as senior officials situated at Moscow Center.

It wasn't a surprise when I saw mention of secret communications within one of the affidavits. Steganography was the first stated, Radiograms the next. Other spy tradecraft used to transfer messages was also identified, including the 'Brush Pass' technique where a package is covertly passed from one operative to another. Interestingly, the phrase 'Flash Meeting' was also used to describe this technique.

Spies

By Paul Beaumont



There were also passwords and specific sentences used between parties to identify each other, one such being: "Excuse me, did we meet in Bangkok in April last year?" The response being: "I don't know about April, but I was in Thailand in May of that year." Monies and laptop computers were provided and/or exchanged after using these techniques.

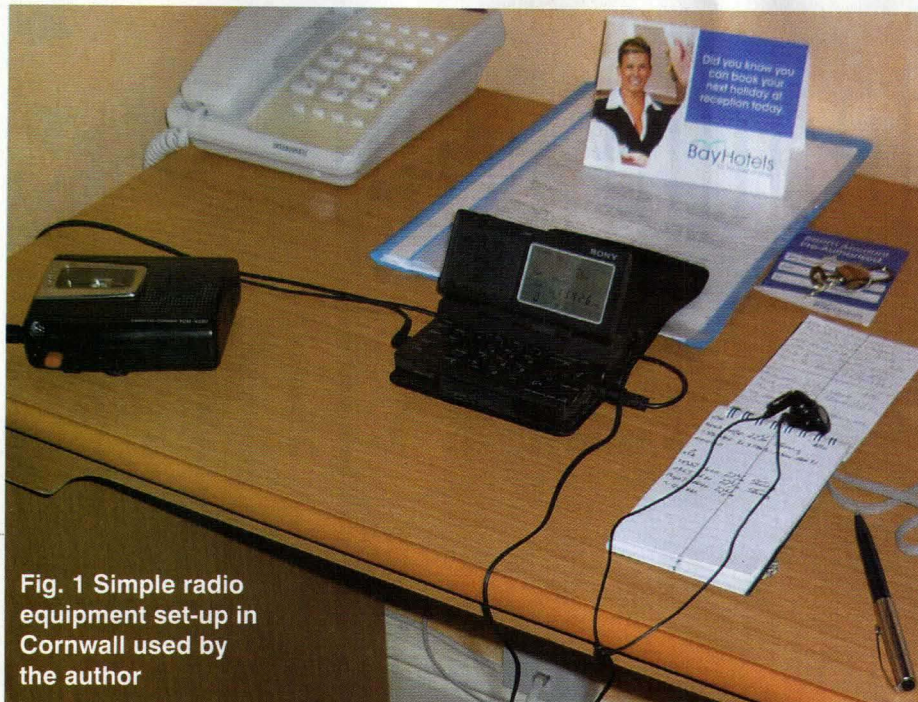


Fig. 1 Simple radio equipment set-up in Cornwall used by the author

In another exchange, *Time* magazine was carried in both hands with the masthead [title] visible from the outside, but in the case of danger, the magazine was to be carried in the left hand only, still presenting the masthead to the outside. This was complemented by a similar question/answer session along the lines of... "Excuse me, could we have met in Malta in 1999?" with the affirmative reply of, "Yes indeed, I was in La Valetta, but in 2000." Like a certain assassination in Dubai this exchange apparently involved a false passport; in this case representing the Republic of Ireland.

Another method of communication, on one occasion from an operative sitting in a Starbucks coffee shop and a stationary white van, involved

a laptop computer - the ASUS EEE PC 1005HA-P as recommended by the SVR. The wifi capability being utilised in the passing of data over a previously configured Local Area Network, LAN, as the operatives walked past a pre-agreed location. A successful data transfer resulted in the PC shutting down automatically.

This method is very much along the same lines previously reported in Moscow in 2006, where a PDA passed its data to a device disguised as a rock to the favour of MI6.

Operatives also used Steganography. Here messages were concealed in images available to all and sundry via a networking site. However, unless one possessed the bespoke programme necessary to extract the message the secrecy of that message remained assured. The affidavit states that "software was SVR provided".

One question that has often been asked is why the Internet is apparently never openly used to

Fig. 2

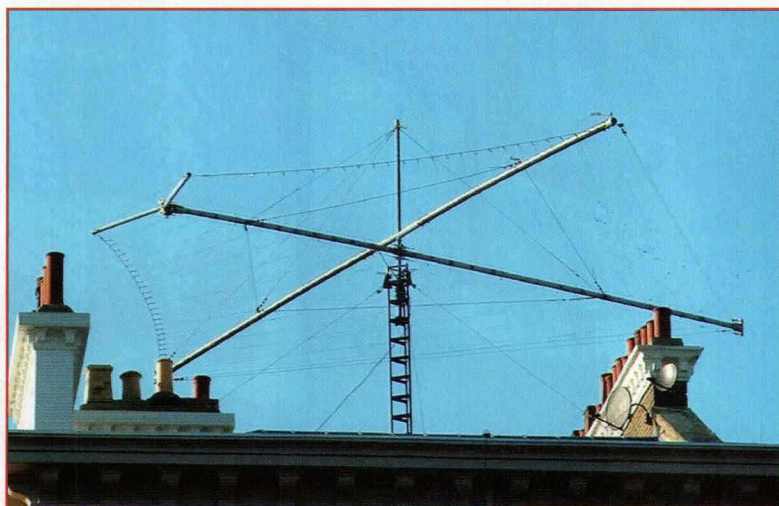
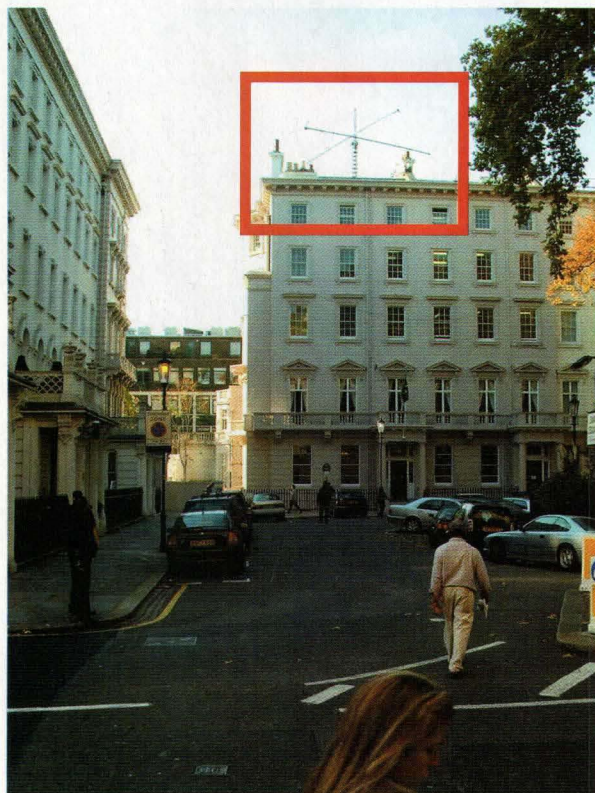


Former Ivanhoe Hotel, Bloomsbury London

© SNAPPERJACK OF LONDON

pass messages. Steganography is one method, another is to leave a message in a draft folder that can be opened by another party but direct messaging is difficult. The reason being is that a computer will leave a trace from its unique IP address. This unique address can be traced either to or from its source via the route it has taken. Obviously countermeasures can be taken but the trace can still be made. Forensic techniques along similar lines also exist for mobile phones, PDA's etc., where an "electronic fingerprint" exists to allow equipment to access a network. Even the local network mentioned here can be intercepted or proven by means of the most simple techniques and freely available software. If you doubt this, take an iPod Touch for a walk, open the 'Settings' app and see how many active wifi points it will detect. You'll be very surprised.

The FBI affidavit mention the use of RG's, or radiograms, from Moscow Center. A radiogram is a message sent by radio, or in the UK, a telegram. This is carried out using Short Wave Radio (SWR). But radio has been used in other forms to direct a foreign operatives. One



Pakistan Embassy, London. Log Aperiodic antenna x 2

interesting case is that of Frank Clifton Bossard, an officer with the Missile Guidance Branch of the Ministry of Defence's Aviation section. Driven by lack of funds he was recruited as a spy by the KGB in 1961.

Bossard provided quality copies of secret documents by photographing them and dropping the results in one of nine dead letter boxes referred to by the letters A to C, E to I and K and P; P being an additional reserve.

The letters related to the following locations: A: Broken drain pipe next to a fence on a Weybridge estate near to Silvermere Lake, B: detail unknown, C: Beech tree with creeper off bridle path, Leatherhead, Surrey. E: Silver Birch tree with three trunks near to a 'no litter' sign at Woking, Surrey. F: Forest Green. G: detail unknown, H: Blackheath, I, K and P: detail unknown.

With the need to service these DLBs one has to ask how Bossard received his instructions. The answer is by radio. The message was very simplistic and based on five musical melodies: *Kalinka*, *Moscow Nights* also known as *Midnight in Moscow in Britain*, *Sabre Dance*, *Song of the Volga Boatmen* and *Swan Lake* sent by Radio Moscow on the first Tuesday and Wednesday of the month at 7.45am and 8.30pm on certain frequencies. Bossard kept his equipment, camera, film and gramophone records in a suitcase held by the Left Luggage facility at Waterloo British Rail Station. Having collected the case Bossard booked into the Ivanhoe Hotel, Bloomsbury London (Fig. 2), photographed the secret documents and returned the case to Left Luggage. All this was done during Bossard's lunch hour.

It was only detailed traffic analysis by GCHQ that the significance of the music sent by Radio Moscow was discovered. This was confirmed by Bossard during questioning after his arrest on 12 March 1965, when MI5 caught him red handed photographing documents ready for the next drop.

Radio plays a big part in communicating with spies and indeed their handlers, some of whom reside at their country's respective embassy, with full diplomatic privileges. High level codes and ciphers being the norm for this process. The Russian Embassy in Kensington Park Gardens, London, sports just one aerial, a 'centre loaded vertical'. This style of antenna can be seen atop the Russian Embassy in Budapest, Hungary as well as the Hague, Netherlands and doubtless elsewhere.

Apart from the described centre loaded vertical, are other active antennas, a colinear, a discone and the Soviet favoured VGDSH cage dipole atop the Russian Embassy in the

Hague. Other embassies worldwide are also dressed with antennae (Fig. 3 - over).

Morse is also used to send five figure groups; regularly heard today are those transmitted from Cuba and Russia. Cuban transmissions use cut numbers, that is the figs 0 to 9 are represented by the letters 'TANDUWRIGM' whilst the Russian Morse messages tend to use the standard Morse characters for figures 1 to 9 and T for 0

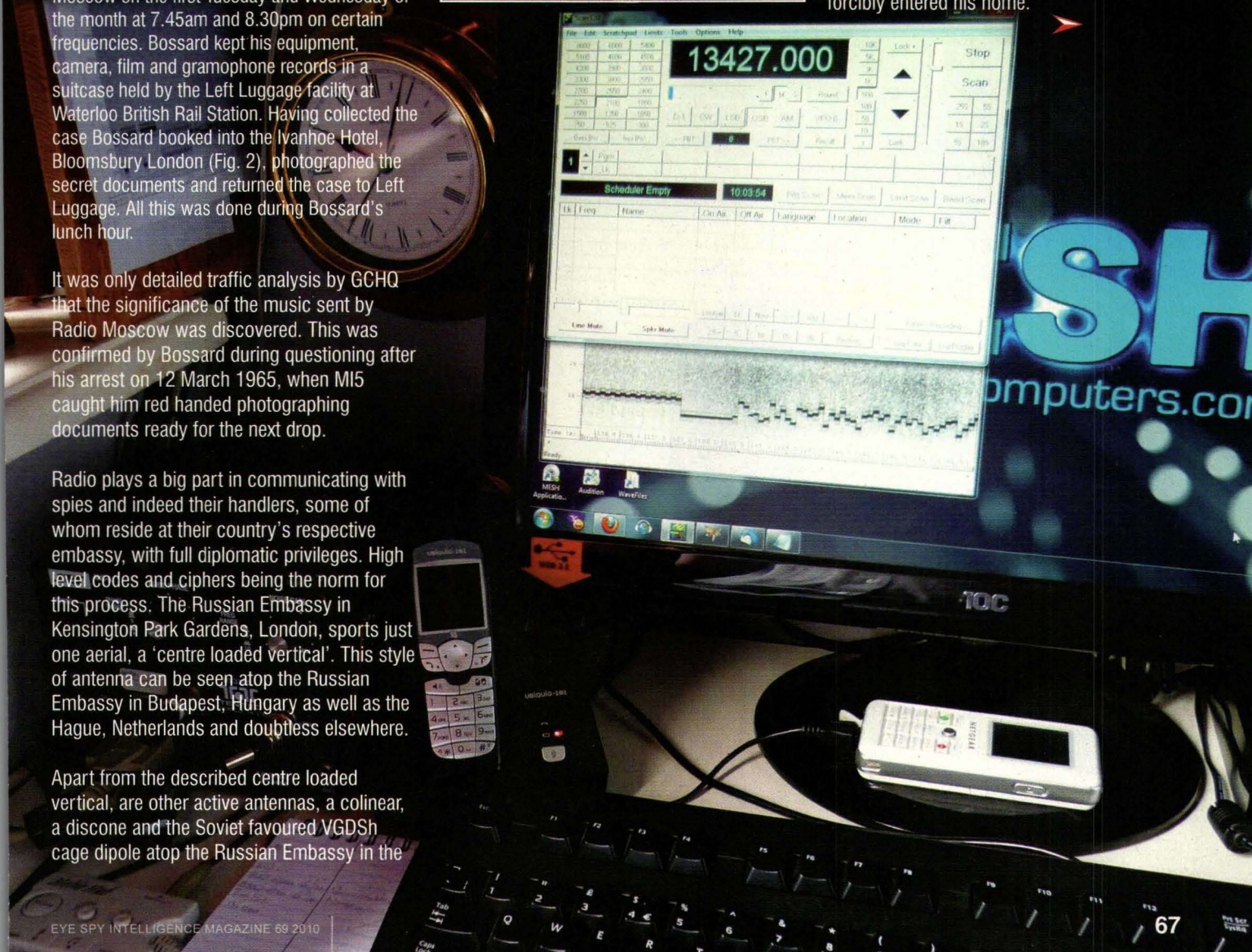
Speech transmissions are also sent via the short wave and can be easily picked up. Fig 1. shows my simple equipment used in my hotel in Cornwall to receive the message below at good strength. Reception detail - frequency, time and date - is shown in parenthesis, z indicates the time as GMT/UTC:

[5731kHz 2130z 02/07/2010]
315 635 15
74825 83928 64536 65834 53690
65512 75690 96546 73547 27782
64378 53397 65742 11754 47342
635 15 0 0 0 0
[ends 2138z, strong with distorted figs 8 & 9]



UN Mission, Georgetown, Guyana.
Radio facility on roof shows:
Verticals x 2 T2FD antenna

Morse transmissions occur with much the same format. The Czech StB spy Václav Jelinek, who assumed the identity of a deceased Dutchman Erwin van Haarlem, was caught in the act of taking down his Morse message in his north London apartment on 2nd April 1988 when Special Branch officers forcibly entered his home.



He was receiving a 134 group message from the 49 or 41m band on a Roberts R707 radio and was interrupted on the 4th character of the 132nd group. The first five groups of the expected message read: 92263 36148 44101 40682 13189

Another spy who used radio in another form was Professor Hugh Hambleton. He travelled worldwide but was known to take his short wave radio with him. Unbeknown to those who had looked at this receiver it had been subtly modified to allow it to receive specialist signals that could be decoded by his 'Luminaire', a version of which has been seen by your author in a rather select London museum. Basically the device was around 8 x 5 inches in size with a red filter that allowed for eleven characters: * and 1-9, 0 to be illuminated by glowlamps. The transmission media was not Morse but serial data.

The exhibit carried no further information other than a sample message: 123 29 07 followed by seven 5 figure groups. 123 is the recipients ID, 29 indicates the page of the one time pad [OTP] used to decode the seven five figure groups indicated by 07. My original sketch, made at the time of the visit to the museum can be seen in Fig. 4.

The transmission media used by the deported SVR agents is referred to as a radiogram or as previously suggested for the British, a telegram. The signals used are described in the affidavit as sounding like Morse.

Anyone who tunes across the short wave may well encounter a plethora of signals that sound

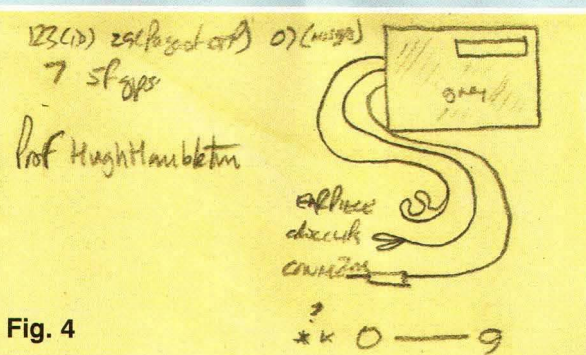


Fig. 4

'like' Morse or indeed 'similar' to Morse. To the trained analyst these signals really sound like anything but Morse. Complicated tones structures, perhaps in groups of five, are transmitted with other tonal information such as a space and perhaps at a high or low speed.

Another communication media used are the polytone transmissions. There are different types, using a range of tones to denote numerical values; one is particularly suited for decode via a computer; the programme being a simplistic tone map.

Even someone with a laptop or PC and a simple display programme can display the received tones seen in Fig. 5. The displayed tones can simply be used to simply work out their numerical value.

This polytone signal was sent at 1440UTC 23 May 2010 on 9967kHz. Converted it reads:

589 589 589 000 589 589 589 000 589 589 589 000 05469 00001 00000 10140.

It carries no information other than the message ident, 589, the number of message groups 000 [in this case no message], the serial number 05469, the group count 00001

[in this case just one, the last group since the sn, gc and dk are not counted as groups] decode key 00000 indicating no group to decode and finally 10140, the last group; this value undoubtedly indicating to the receiving apparatus there is nothing else to do - message conversion etc. The message would have taken just two minutes and 26 seconds to send.

Look at Fig 6. to see the individual characters in the centre of the display; those either side are administration tones, to start the message decode and to indicate end of transmission.

If the message was valid the ID would remain the same as that seen in the null message, the 000 would become 1 [or 2 if a two message format was sent] and the first three groups would change with the message as sent.

An example can be seen in Fig. 6. This was sent at 2020UTC 20th April 2010 on 6971kHz and took five minutes 16 seconds to send. The message ID in this case is 197 and refers to just 1 message of 217 groups long. The message blocks are of 64 groups, the total number sent is 220 but the first three groups are not part of the message.

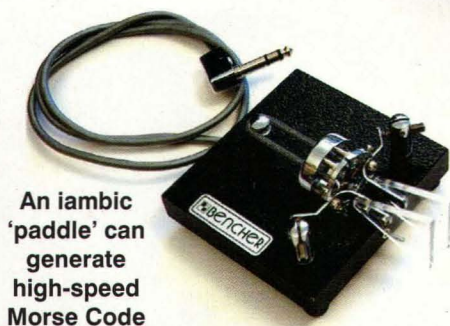
DECODING THE NUMBERS

Automatic decoding will have taken place for the recipient, the legacy of modern computing. It takes hours to scribe this lot out by hand, let alone type it up and that's prior to any decode. If anyone doubts the auto-decode one only has to look at the affidavit concerning another

Fig. 3 A colinear, a discone and the Soviet favoured VGDSH cage dipole on the roof of the Russian Embassy in the Hague

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The reliability of Morse Code



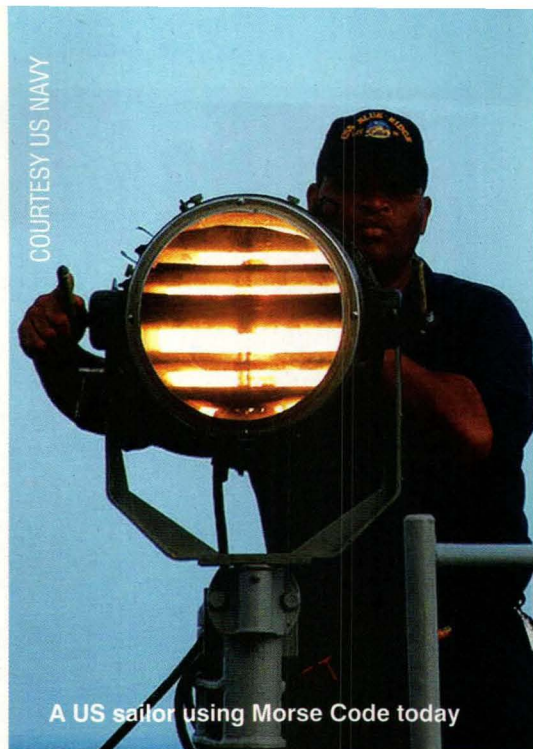
An iambic 'paddle' can generate high-speed Morse Code



A US Morse device known as J-38 was produced in significant numbers during WWII

International Morse Code

1. A dash is equal to three dots.
2. The space between parts of the same letter is equal to one dot.
3. The space between two letters is equal to three dots.
4. The space between two words is equal to seven dots.



A US sailor using Morse Code today

Fig. 5

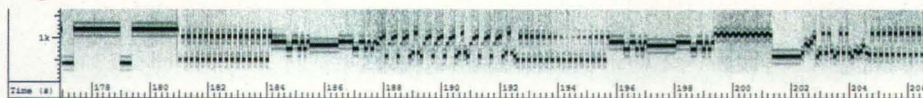
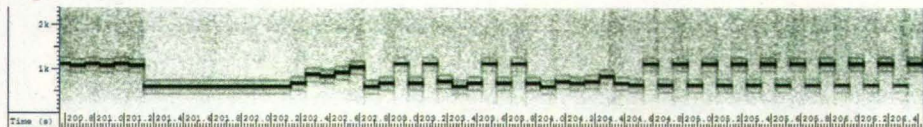


Fig. 6



spy arrested in the United States, Ana Belen Montes (right).

She received her messages on a simple Sony receiver and hand input part of the 40 minutes worth of message by hand for an automatic decode. One such message was sent on 7887kHz from Cuba and would have started 'Atencion, Atencion' (Fig 7.)



The signal strength of these signals, if intended for your country, are very strong; ideally an antenna that would make GCHQ or the NSA wince is not necessary.

These messages can be picked up across the short wave; the frequencies vary according to target area, time and propaga-

6971kHz 2020z20042010
197 197 197 1 197 197 197 1 197 197 197 1

00495 00217 73287 15096 69996 12070 33727 03731 49457 48924
50546 05517 25486 19845 55919 26775 89380 93759 23844 154
02000 32844 99928 37787 97986 40773 42492 97392 53913 91749
64995 84888 03668 96965 81135 21396 35198 01296 62913 94912
52342 22256 14573 91564 07421 90286 15532 19234 22983 78420
74285 86375 57008 24911 04400 22064 51563 04517 98318 46886
19191 83428 68772 12473

03738 55740 94179 43565 95062 87011 86329 65505 09648 36996
61788 75691 33553 86311 06398 98991 51150 16836 56585 18007
93524 68438 92161 01905 41341 29452 14227 56239 90400 04477
47836 61772 87353 89762 55680 47259 56726 78770 47258 58022
61812 91441 04433 03232 98517 43480 23036 98544 92801 70023
31639 22956 31536 57141 77318 72057 29241 08635 18759 94859
10233 66208 46180 56202

53142 31420 94374 37379 72912 39278 93387 68994 23395 37860
86647 47540 21770 83255 52254 36001 53243 76913 57465 28761
24858 15845 69511 09918 34760 65214 47915 15514 44824 65882
05814 14552 26778 88438 52337 46022 14355 25428 51291 46664
33940 87167 28400 20980 94524 76164 58802 69631 08736 61132
32613 92819 01646 00530 91764 76831 59839 74021 39709 37022
62909 81724 79383 19536

02678 13814 80031 66334 24782 22888 68374 36472 80466 97306
60340 20475 95854 94419 14707 90431 06520 14963 28687 62108
39361 80786 37497 83968 14121 56602 38644 56221++++++
+++++

tion. They are in a variety of languages too; Arabic, Chinese, English, German, Russian, Spanish possibly Vietnamese and Morse code and Tones.

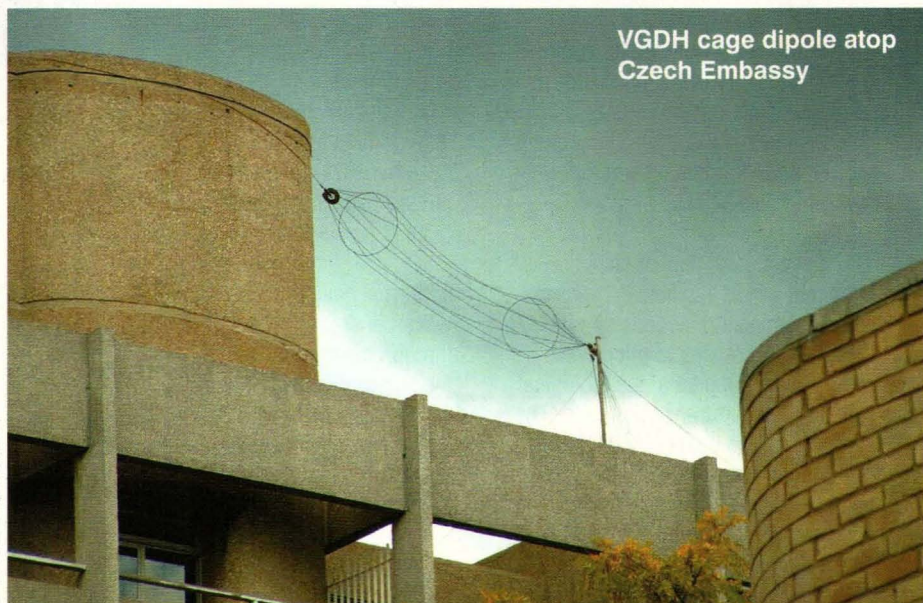
All are used for clandestine liaison when communicating with spies. But more importantly, and unlike something picked up from the Internet, they leave no trace....

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ABOUT THE AUTHOR



Paul Beaumont is highly regarded in the field of amateur radio and also reads and writes extensively on intelligence matters, particularly within his specialist area of clandestine communications. Widely travelled, Paul has lived in the Yemen and Guyana. He lists his main interests as Short Wave Radio and photography. He also produces the fascinating Enigma 2000 Newsletter. Married with three children, Paul is currently employed in further education...



**VGDH cage dipole atop
Czech Embassy**

Mike Finn

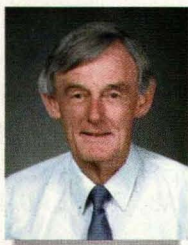
takes a serious and objective look at mind control and manipulation in the intelligence game...

MIND CONTROL PRINCIPLES IN THE INTELLIGENCE CYCLE

In this feature, MIKE FINN looks at Microwave Transmission and other sciences that could provide opportunities for the security world, as well as a channel to the mind for those involved in intelligence to exploit....

PART 6

The incident of the "Moscow Signal" covered in my last article (Eye Spy 68), was a big stepping stone into the electromagnetic world of mind control, and was perhaps one of the major catalysts that propelled this research into the 21st century. It certainly initiated investigation through the Advanced Research Projects Agency (A.R.A.P) at the Walter Reed Army Institute in America. This is where scientists like Ross Adey (right) worked on the Pandora Project, and where he discovered, through the transmission of weak modulated electromagnetic/microwave, that the calcium ion could be manipulated. This in turn was capable of affecting neurotransmitters and the functions of the brain.



Allan Frey was the scientist who researched low power electromagnetic/microwave transmission and made microwave hearing possible. A transmission up to 100 feet away, could generate a signal (not sound) from the antenna, which was received by the temporal region of the head, and resembled auditory

"The whole field of recent electromagnetic and microwave technology opens many new avenues in the advancement of mind control/manipulation in respect of the intelligence cycle..."

knocking sounds and clicks. Later research showed that this response could be achieved with a transmitter thousands of feet away, the biological effects created, ranged from pins and needles to nausea. Scientists like Sharp and Grove, working from ARAP (now DARPA) at the Walter Reed Army Institute, were responsible for further developing the Frey microwave principles to encompass transmission that created voices rather than sounds within the head. All of this research permeated the 1960s to 1970s.

There has been a great deal of scientific advancements within this field in modern times. Two prominent directions can be quantified, the first relates to microwave frequencies being directed at the biological functions, brain, neurotransmitters etc. The other refers to sound being heard through the head rather than the ear, the purpose and advantage of which will become obvious later in this article. The former concept is a little more complex in its method and purpose, but reflects the research of scientists like Ross

Adey, while the latter follows in the footsteps of Allan Frey.

In this article we will look at microwave transmission in relation to the 'Frey Effect', where pulsed microwave is directed at the head bypassing the ear, but still allowing sound to be perceived.

In normal hearing, waves of sound enter through the ear and into the auditory canal, where the sound is amplified. A thin tissue (tympanic membrane) vibrates, the vibrations are then transmitted by the middle ear where small bones transfer the vibrations to the inner ear (cochlea) which is filled with liquid. These vibrations are sensed by many thousands of

Cellphones can cause cellular changes, brain damage

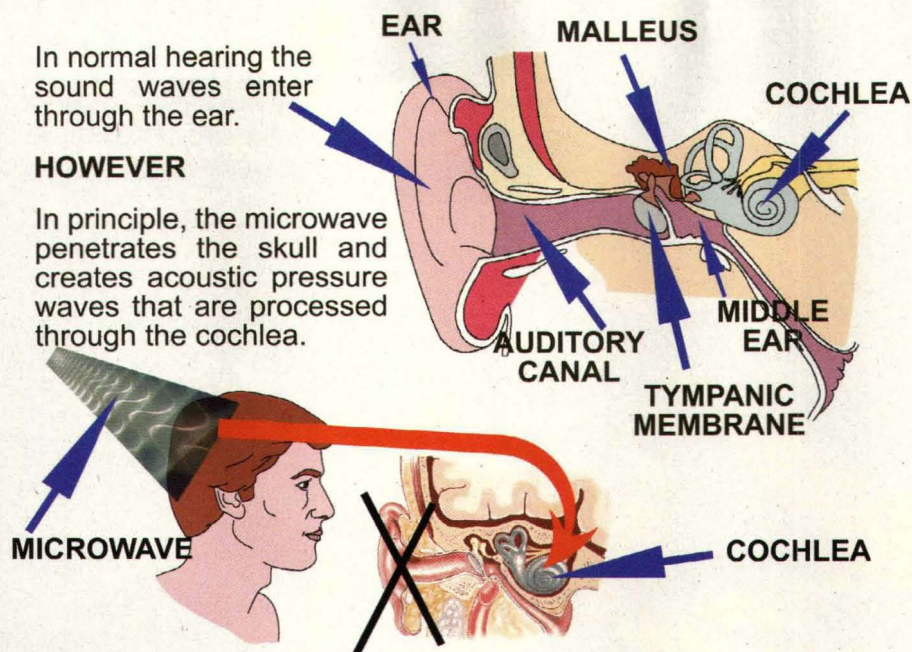


Allan Frey's research is still used by today's scientists who try to understand how radiation from cell phones and wireless transmitters affects the human brain

In normal hearing the sound waves enter through the ear.

HOWEVER

In principle, the microwave penetrates the skull and creates acoustic pressure waves that are processed through the cochlea.



The difference between acoustic and microwave hearing

small hair cells that act like a spectrum analyser, detecting the various frequencies. These are converted to electrical impulses and go through the auditory nerve, are processed by the brain, and then perceived as sound.

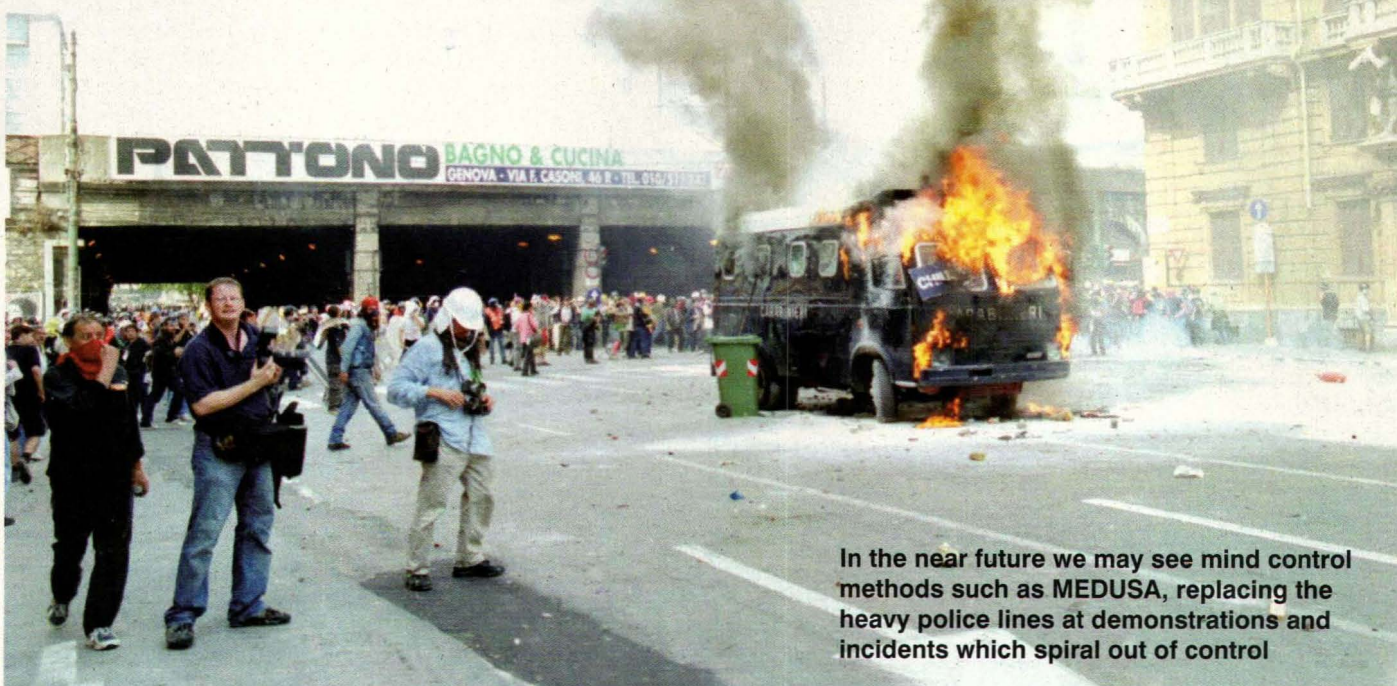
Our hearing range is between approximately 20Hz (below which is infrasonic) and 20 KHz (above which is ultrasonic), Ultrasound begins here and continues into the higher megahertz range. Whilst beyond our conscious hearing, ultrasound does not have the long range penetration capability of microwaves. However, there are areas where crossover occurs. For this reason I will first discuss some of the potential mind manipulation technology that has been developed in the field of ultrasonics.

ULTRASONICS:

(1). An ultrasonic frequency can be modulated to carry a sound that is unpleasant to human beings, this will then be inaudible but picked up by the ear. This is the type of signal has been used to discourage teenagers from gathering outside shops, or to clear areas of undesirables. This principle has also been used by shops, but with gentle voice messages on the ultrasonic frequency, discouraging shoplifting and so forth, It is often masked by music.

(2). An ultrasonic frequency can be modulated to incorporate sound pressure waves, which are measured in decibels. To give some idea, people talking normally are around 45dB - a

noisy crowd perhaps 60dB - the pain threshold of sound pressure is between 115dB and 120dB, therefore if such sound pressure were incorporated into the ultrasonic frequency, although inaudible, would still have the same effect. The latter type of principle has been used by various nations authorities to disperse crowds, but the simple use of ear guards can often neutralize that effect. ➤



In the near future we may see mind control methods such as MEDUSA, replacing the heavy police lines at demonstrations and incidents which spiral out of control

MEDUSA has already caught the eye of the US Navy. One obvious application is the use of the system as a counter-piracy measure



A microwave repeater station. This one is used by both US and UK intelligence

(3). Silent Sound Spread Spectrum was developed by Dr Oliver Lowry. This system of transmission can again use the ultrasonic frequency, which is amplitude or frequency modulated. The information is coded so that it can be decoded by the brain and interpreted by the recipients subconscious mind.

(4). Directional Ultrasound is a fairly recent innovation. Whilst normal sound can not be focused and simply spreads everywhere, ultrasound can be focused into a narrow beam, much like light from a torch. Voice, music, and other audible sounds can be incorporated into the ultrasonic frequency, then, using special directional speakers, be focused in a narrow beam. The narrow beam may be directed at a single person and causes secondary vibration as it travels, so that only the person to whom it is directed can hear it.

MICROWAVE

Microwave is not a sound pressure wave, it is a frequency, that's the difference between banging

a drum and speaking into your two way radio. Pulsed microwave frequencies can penetrate the skull, where the low energy output of the transmission reaches the brain and in effect heats it up slightly, this thermoplastic expansion creates an acoustic pressure wave. This travels through the brain/head and is received by the cochlea of the ear and interpreted in the same way as auditory sound waves, through the neural network.

The whole field of recent electromagnetic/microwave technology opens many new avenues in the advancement of mind control/manipulation in respect of the intelligence cycle. Voices in the head, unaccountable head pain, nausea, transmission of brain wave frequencies to affect altered states of consciousness. The list of possible effects is remarkable. However, development and perfection of these areas of research continue.

APPLICATIONS

We have seen how the 'Frey Effect' principles have mushroomed, but what about hard technological application. One clear example is the MEDUSA project. This stands for Mob Excess Deterrent Using Silent Audio (a slightly misleading mnemonic). This device is attributed to Lev Sadvnik of the American company Seirra Nevada Corporation. The potential weapon is reported to transmit pulses of microwave directly



at the brain, creating the thermoplastic expansion described above, the sound pressure level can be increased from discomfort to pain. Unlike ultrasonic methods, the use of ear protectors will be of little use, because transmission is directly to the brain through the head (the benefit I spoke of earlier). MEDUSA has the potential capability of wide spread beam for crowds, as well as narrow beam for individual targets. Unveiled in 2008, as well as other departments. Still in its infancy, this technology has sparked an interest from the intelligence area of a number of major nations.

In the next article we will look at the direction in which research of scientists like Ross Adey has taken.

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Mike Finn is a former police officer, expert witness, author and Director of Consultancy for Elite International - Principal of the Combative Science Institute

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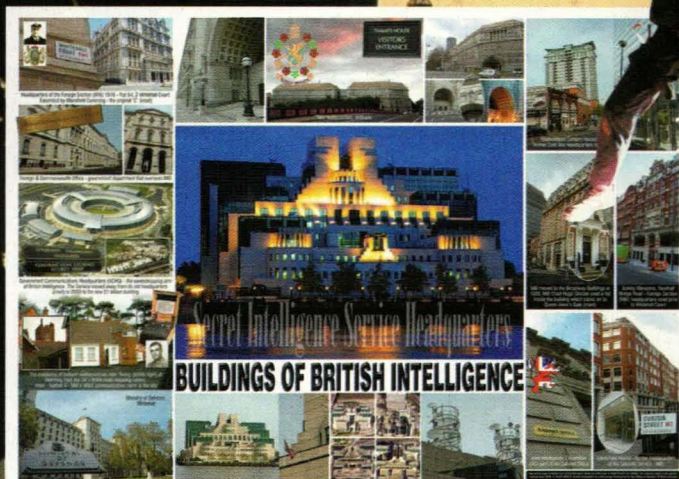
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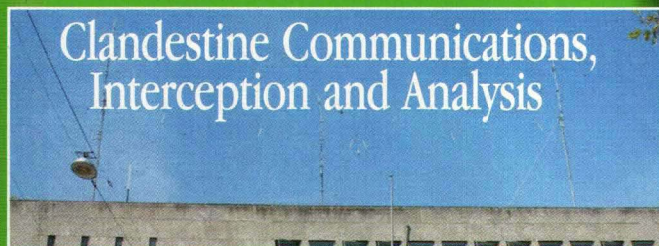
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KGB FIRST DIRECTORATE



GENESIS, HISTORY AND AGENTS

Eye Spy examines the key moments in the creation and evolution of Russia's foreign intelligence collection service - SVR

There has been a plethora of stories concerning the arrests of Russian SVR operatives in the United States. Journalists and "experts" have all commented on the prowess of the "spy network", but essentially the FBI charge of "active unlawful agents" is definitely correct and sums up perfectly the status and role played out by the operatives. However, one or perhaps two people, may have been engaged in other projects that might eventually come to light.

Were they in the employ of the SVR - Russia's foreign intelligence collection agency? Probably, though only through the contact man known as Metsos who provided monies that allowed the people to remain in situ. An Eye Spy police source said in the last 10 years, about \$1 million

has been spent keeping the "agents" in place. And that's not a great deal.

Spy aficionados would argue that using the term "agents" to describe the suspects is incorrect. Other speak of 'NOC's' - Non Official Cover - people active outside the relative safety of Russia's diplomatic corp. The correct terminology should probably be "contact agents", for no one has been charged with espionage. That doesn't mean the FBI do not suspect they have engaged in acts to collect "materials"; information regarded as vital to the national interest. The group did have contact with an "agent cut out", a "middleman" if you like who has access to more senior intelligence officers probably based at the Russian Embassy in Washington or Moscow's Mission to the United Nations. And all could have been called upon at any moment to assist SVR or FSB operations, provide support - monies or a place of safety for colleagues (safe house).

Despite this, individuals like Anna Chapman could have eventually become first rate spies, but her "baggage" left behind in London and posted on the Internet was excessive. It appears she was being strategically positioned in American society to obtain all sorts of information beyond the reach of ordinary spooks. Her background, loyalty to Russia and her father's contacts' with the KGB "old guard" ensured Chapman was in pole position to move beyond her role as a "contact agent".



THE FOREIGN INTELLIGENCE SERVICE

SVR is one of Moscow's three primary intelligence services, the others being FSB (Federal Security Service) and GRU (Military Intelligence Directorate). It is staffed by about 10,000 personnel (MI6 employs 2,900) and can trace its historical roots back almost 90 years, though it actually emerged from the reorganisation of the KGB (Committee of State Security) in 1991. In October of that year, with the collapse of communism, the SVR, using the title of Centralnaya Sluzhba Razvedkyin (Central Intelligence Service - CSR) extracted two powerful organs from the KGB's First Directorate: the foreign intelligence collection element, and its massive intelligence analysis branch. The FSB, also drawn from the KGB, was focused on domestic matters, though it too can operate its people abroad.



Yevgeni Primakov - first SVR chief

President Gorbachev had just appointed Yevgeni Primakov first deputy chairman of the USSR Committee of State Security (KGB) and chief of the KGB's First Directorate. Before the year's end, Primakov was chosen by President Boris Yeltsin as the first proper head of the SVR, which replaced the CSR in December 1991. In 1996, Primakov was replaced by Vyacheslav Trubnikov who served until the new millennium. In May 2000, Sergei Lebedev served as SVR head until October 2007, when he stepped down to make way for the agency's current chief Mikhail Fradkov.



Sergei Lebedev with Vladimir Putin

A TURBULENT HISTORY

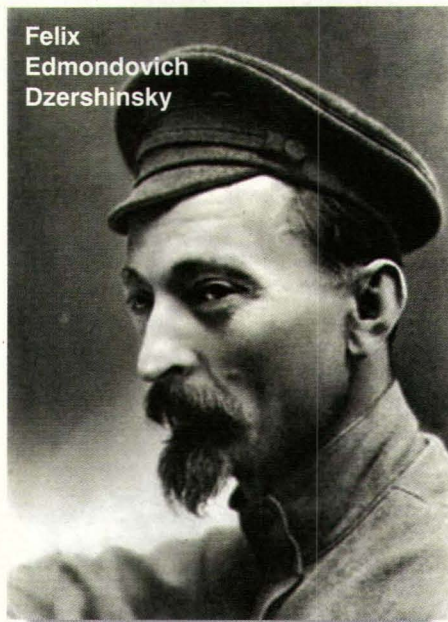
The SVR's "linage" can be traced back to a specific date in history - 20 December 1920, when the Soviet Union's CHEKA established a foreign information service. CHEKA draws its title from - Vserossiyskaya **CH**rezvychaynaya Komisiya Po Borbe s Kontr-revolutsyey i Sabotazhem pri Soviete Narodnikh Komisarov (All Russian Extraordinary Commission for the Combat of Counter-Revolution and Saboteage attached to the Council of People's Commission). Its first chairman was Felix Edmondovich Dzershinsky. The Cheka's foreign intelligence arm, known as the INO (Inostranny Otdel), was headed by Yakov Davydov. He was soon replaced in December 1921 by long-time

socialist and revolutionary, Soloman Mogilevsky. Mogilevsky died in a plane crash in 1925. Thereafter, various people were chosen to head the department.

Before that, however, on 20 October 1917, Russia formed the Military Revolutionary Committee - Bureau for Fighting the Counter-Revolution, headed by a certain Leon Davidovich Trotsky. This organisation was involved in intelligence collection.

On 11 February 1922, the Gosudarstvennoye Poliiticheskoye Upravlenye - GPU - (State Political Administration) was created with various intelligence and police liaisons. GPU was attached to the Council of People's Commissars.

Felix Edmondovich Dzershinsky



Leon Davidovich Trotsky



Soloman Mogilevsky

POLITICAL AND INTELLIGENCE SEPARATION

The OGPU (Obyedinnoye Gosudarstvennoye Politicheskoye Upravlenye - United State Political Administration) was born on the 15 November 1923. This subordinated directly to the Council of People's Commissars of the USSR and hereby a separation between intelligence and political leaders started to happen.

On 10 July 1934, a familiar Service emerged from the OGPU - the NKVD (Narodny Komissariat Vnutrennikh Dyle - People's Commissariat for

EYE SPY MOSCOW



Rare GPU commemorative badge courtesy of the Eye Spy intelligence colleagues in Moscow. The magazine is currently embarked on a research project to provide readers with a unique feature showing some of the most historical buildings in the Russian capital associated with the country's current and past spy agencies



G.C. Yagoda

Internal Affairs). The OGPU and most of the intelligence sections of the Comintern merged into the NKVD. It was headed by G.C. Yagoda until he was arrested in June 1936.

The NKVD moved swiftly to create new elements, including, on 8 October 1935, a secretive department for State Security (Upravlenye Gosudarstvennoy Bezopastnosti). Nicolai Yezhov,



Nicolai Yezhov

RUSSIAN INTELLIGENCE AT WORK



Nikolai Yezhov (far right) pictured with (L-R) Voroshilov, Molotov and Stalin in 1937



From 1939 to the end of communism in 1991, this is how the photograph appeared with Yezhov nowhere to be seen

secretary of the Central Committee was given control over much of its intelligence collection capability. He however "disappeared" in December 1938 and there followed much infighting, mass arrests, purges and many executions. This period is known in Russian intelligence history as the "Yezhovshchina" which translates roughly into the "Yezhov Regime."

By 1938, the country had stabilised, and on 8 December, Lavrenti Pavlovich Beria was



The "five marshals" of the Soviet Union in 1935. Only two of the officials survived "Yezhovshchina"



Lavrenti Pavlovich Beria

appointed People's Commissar for Interior and State Security.

On 3 February 1941, the NKVD and NKGB - The Commissariat was divided into two separate government departments. The NKVD was charged with state affairs, police administration, secret service and civil matters. The NKGB (Narodny Komisariat Gosudarstvennoy

Bezopasnosti - the People's Commissariat for State Security) was now in total charge of counter-espionage, internal security, border security, labour camps and emergency services. An element, headed by Lavrenti Pavlovich Beria was also trained to direct guerrilla activities and sabotage against Germany, though in overall charge was Vsevolod Nicolaievich Merkulov.

In June 1941, Pavel Sudoplatov headed the NKVD's Special Tasks Directorate. He worked closely with military intelligence gathering information on the US atomic bomb known as the Manhattan Project. He was also involved in the assassination of Leon Trotsky.



Pavel Sudoplatov

On 10 June 1943, at the height of WWII, various officials and agents from other departments and the Comintern were formally transferred to the NKVD, even though as late as 1945, agents such as the "atom spies" in





**Current SVR
Director
Mikhail Fradkov**



Canada were mistakenly described as "belonging to the Comintern".

The post war months saw the creation of two familiar names in the Russian Intelligence "wheel" - the MVD and the MGB. In March 1946, all People's Commissariats were renamed "Ministeries", thus the Ministerstvo Vnutrennikh Dyel - Ministry of the Interior (MVD). The Ministerstvo Gosudarstvennoy Bezopasnosti was also born - Ministry of State Security (MGB). The MVD appointed Sergey Nicoforovich Kruglov as its head, while Vsevolod Nicolaievich Merkulov fronted the MGB. Beria remained in overall charge. Interestingly, Merkulov and his successor, V.S. Abakhunov (1950), were both subsequently executed.

On 8 March 1953, following Stalin's death, Beria ordered the two ministeries to merge again - creating the Ministry of Internal Affairs and State Security under S.N. Kruglov.

FIRST DIRECTORATE KGB

Unlike many of his predecessors in Russian Intelligence, Beria had survived the watching, suspicious eyes of many of his political masters. But that changed in December 1953 when he too was executed. And so on 27 April, a separate Board [Committee] of State Security - KGB (Komitet Gosudarstvennoy Bezopasnosti) was created with the task of co-ordinating the internal security services. Ivan Serov was appointed its first chief on 13 March 1954. Various elements, new directorates and sections were created, the most notable in respect of their relevance to the SVR - The First Directorate KGB - responsible for foreign intelligence collection, the training of overseas agents and many other tasks.

The KGB was dissolved in October 1991 with Vadim Bakatin (right) stepping down as its last head. This was due in part to the participation of then-KGB Chairman, Colonel General Vladimir Kryuchkov, in the August coup attempt designed to overthrow Mikhail Gorbachev. The FSK (Federal Counterintelligence Service) was created.



In 1995 the FSK changed into the Federal Security Service (FSB).

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60 SECONDS WHAT DO YOU SEE?

Continued from page 34

These words were actually penned by a young male as he waited for a job interview. Unbeknown to him, Mr Halliday was a recruiter for MI6. The man was thereafter accepted into the Service as an operational officer and eventually trained in spycraft.

But before he left the interview, Halliday had an unusual request: "One of the jobs we often have to do in MI6 is make a succinct character appraisal of a contact in the Service - a pen portrait if you like. Could you describe somebody succinctly who you have come across in your life?" The applicant gave an immaculate description of a person known to him. The job hunter was accepted into the Service.

It's attention to detail and remembering aspects of a person, location or occurrence which Service's such as MI6 admire. And the type of situation which does arise in the 60 Second event.

ADVANCED TRAINING

Training exercises such as 60 Seconds are but a minor part of fieldcraft, but it enhances one's ability to appreciate information and understand from whence it came and what it means. It also sharpens your senses.

Sometimes a person has only seconds to react or seek out opportunities. For example, an advanced test has applications for intelligence collection of the most shadowy variety - eavesdropping. Students are invited into an office, home or location and asked to recall details of the premises and any objects or items that might be beneficial or could be utilised. Papers, phone numbers, names, tickets for a show, the position of the telephone, locked drawers or cabinets, simple items such as a discarded package from a courier company - UPS, for example. It's good intel and may open further avenues for investigation. In the event listening devices must be installed, the student is tasked with quickly identifying possible "opportunities", air vents, chimney breasts, electrical equipment etc. Replication and replacement of certain items might also be possible, such as a smoke detector or light switch. Such tasks and the recall of this amount of intelligence undoubtedly presents a challenge, but given the student has gleaned experience from

BUILDING AN INTELLIGENCE PICTURE



previous tasks, it is possible to absorb and make qualified decisions, especially if information is pooled.

Sixty seconds may not sound a great deal of time to familiarise yourself with a person, location or situation, but it's an interesting way to maximise your work ethic and produce an intelligence overview. It is a technique that can be taught, but in the intelligence world it must run alongside other training skills such as the ability to stay calm and focused, especially in high intensity situations.

Despite all that can be taught in a "spy school", it's futile if recall is good but the operative has essentially exposed his intent to an adversary or target.

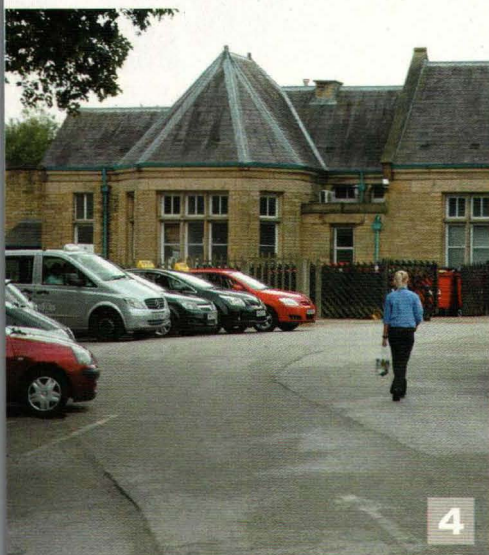
A BUILDING PROJECT

Intelligence: A terrorist gang has driven past this building for several days - arrests authorised

Now what do you see?



The 'road closed' sign offers an opportunity to force traffic on to another road of your choice covertly and without suspicion. The road, of course, will be monitored by the security services. Terrorist car can be isolated and controlled accordingly using traffic signals etc.



A RAILWAY STATION

Intelligence: Terrorist suspect arriving by train - meeting associate in car park

Now what do you see?

Accessing an area for use in any intelligence-led operation is mostly about preparation, organisation, communication and of course - good intelligence.

1. Beyond the station is a road bridge which allows operators a near 360 degree view.
2. Operators can see train arrive and alert associates. Bridge also provides a good view of station car park and exit to road.

3. Stationary point on bridge might attract undue attention if operator is stationary in car or standing around for long periods. Alternatively, note portable building cabins which are secure and provide a closer viewing point than bridge. This may be helpful in identification of suspect and for providing a detailed description of clothing, accessories etc.

4. The car park itself is an excellent location to position a vehicle[s]. Another point of interest which students should have identified is the taxi rank inside station perimeter and only yards from station exit/entry doors. A vehicle here would be "invisible" and operators could use a radio without fear of attracting attention.

5. There is but a single road exit.



SVR JACKAL

CONTINUED FROM PAGE 61

OR CIA MAGICIAN?

Therefore, whoever Metsos worked for, it would not have been a difficult operation to manage his escape. Just 48-hours after his arrest he was in safe hands.

BACKGROUND

Interpol discovered Metsos had assumed the identity of a dead five-year-old Canadian boy to obtain his passport. This document was finally revoked on 27 July 2010. The date, time and discovery of Metsos's real background are significant, but it would be of interest to learn the exact date he assumed the identity of the youngster. There is wide

belief it was at this point he opted to assist the United States.

Of the laptop computer and memory sticks confiscated by Cyprus police as he tried to escape the island on 17 June to Budapest, intelligence watchers believe these were simply "props" to further embellish the story that Metsos was a "top Russian spook" fleeing with his precious goods.

THE COMPUTER

Cyprus's Attorney General, Petros Clerides advised the island's police force not to give the

American's the laptop computer and memory sticks removed from Metsos. He was detained on 17 June, on a warrant issued by Interpol, on behalf of the USA. Forced to hand over the computer and various data holders he was released on bail hours later... unbelievable. Metsos disappeared, but did he go east or did he go west?

agreed to hand over various items, including the computer.

What's will be revealed on the computer? Nothing... absolutely nothing... Metsos wasn't a mug.

For more information on Tretyakov see:

LINKS: www.peteeearly.com

In late July, Loucas Louca, the Justice Minister, said he had

'SPY DOLL'

Anna Chapman, the "spy" who posted more images about herself on the Internet than anyone in the history of the great game, now has permanent recognition in a physical form. Doll manufacturer Herobuilders.com, have cloned the 'femme fatal' producing two plastic figures, complete with big eyes, red hair and bright lipstick. One model shows a gun-totting action figure, while the second shows her wearing a tartan skirt and little else! The dolls retail at \$29.95 each.

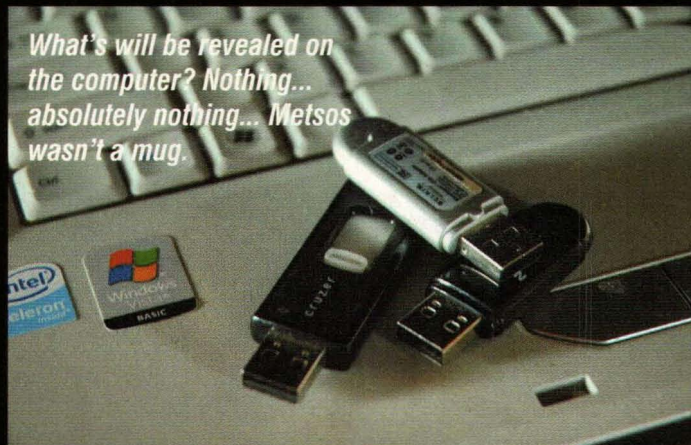


COURTESY: HEROBUILDERS.COM

FINAL WORD

Within days of flying to the UK following the "spy exchange" in Vienna, the Russian nuclear expert, Igor Sutyagin, said he wanted to go home to Russia to fix the porch on his house near Moscow...

What's will be revealed on the computer? Nothing... absolutely nothing... Metsos wasn't a mug.



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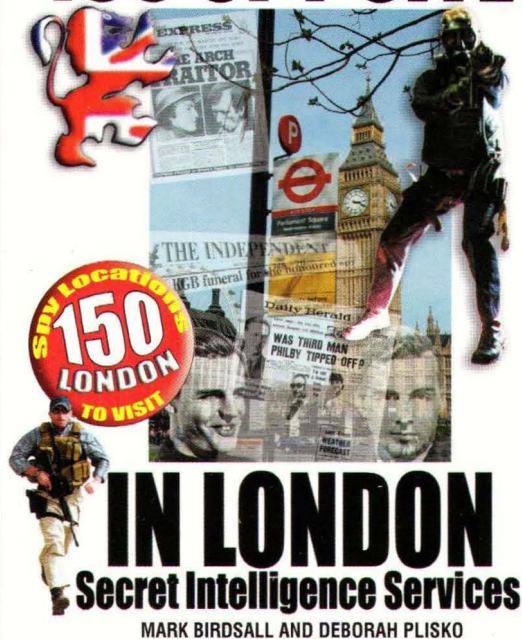
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