How Intelligence Really Works

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## AMERICAN INTELLIGENCE YESTERDAY, TODAY, AND TOMORROW

to understand the process. In this speech he spells out how intelorder -to produce a successful product. Casey was especially ligence works. frustrated by criticism of intelligence that reflected a critic's failure up of a series of steps, each of which must be taken -in the correct Intelligence is a process. And like all processes, this one is made

intelligence reality he was a mild, softspoken intellectual, whose deepest interest was Bill" implanted on him the image of a swashbuckling adventurer. In World War I Congressional Medal of Honor and his nickname of "Wild New York lawyer, was a one-man CIA for Franklin Roosevelt. His There was a time only forty years ago when William J. Donovan, a

sess their meaning, arrive at a conclusion and present it vividly. He persuaded President Roosevelt that it would be critical in fighting a war and learned how to gather a huge array of facts, sift, and analyze them, as-As the outstanding investigative lawyer of his time, Donovan had

By the time Pearl Harbor came, Donovan had gathered hundreds of

preserving the peace to develop and apply this ability on a worldwide

co-Americans, Norwegian Americans, Slavic Americans, and Greek American melting pot to create small teams of Italian Americans, Franstars, circus managers and circus freaks, safe crackers, lock pickers and to be the most diverse aggregation ever assembled of tycoons and scienpickpockets, playwrights and journalists, novelists and professors of thousands of the finest scholars in America. He had assembled what had tists, bankers and foreign correspondents, psychologists and football Two years later, Donovan had scoured our campuses and mobilized scientific, political and military information in the Library of Congress. the finest scholars in America and had them processing geographic, iterature, advertising and broadcasting talent. He drew on the great

in deception and psychological warfare programs. to our side, to dream up scenarios to manipulate the mind of the enemy that oppression always creates, to bring disaffected enemy officers over ligence networks behind enemy lines, to support the resistance forces What did he do with this array of talent? He used it to create intel-

But above all he created a machinery to evaluate, sift and analyze.

plex commodity: Intelligence has many facets. It is a very uncertain, fragile, and com-

First, you have to get a report.

Then you have to decide whether it's real or fake

other intelligence supports or contradicts it. Then, whether it's true or false as you find out what

Then, you fit it into a broad mosaic

Then, you figure out what it all means

can make a decision. Then, you have to get the attention of someone who

And then you have to get him to act

solid and perceptive national intelligence estimates relevant to the issues The highest duty of a Director of Central Intelligence is to produce How Intelligence Really Works

hours to consult with General MacArthur at Wake Island and that he sembled the chiefs of the intelligence community in the Pentagon at 4 with which the President and the National Security Council need to conwould want seven intelligence estimates to study on the plane. Smith asp.m., divided them and their staffs into seven groups, and told them they cern themselves. When Bedell Smith took office as Director of Central Intelligence, he was told that President Truman was leaving in twenty would work all night and have their assigned estimate ready for delivery at 8 a.m. President Truman had his estimates as he took off for his discussions with General MacArthur.

Over the years, and particularly during the last decade, a lot of criticism has been levied at our national intelligence estimates.

Much of the criticism is based on unrealistic expectations of what an It has no crystal ball that can peer into the future with 20-20 sight. We intelligence service can do. The CIA does not have powers of prophecy. are dealing with "probable" developments.

If we can't expect infallible prophecy from the nation's investment in intelligence, what can we expect? We can expect foresight. We can expect a careful definition of possibilities. We can expect professional analysis which probes and weighs probabilities and assesses their implications. We can expect analyses that assist the policymakers in devising ways to prepare for and cope with the full range of probabilities. The President does not need a single best view, a guru, or a prophet. The nation needs the best analysis and the full range of views and data it can

The process of analysis and arriving at estimates needs to be made as open and competitive as possible. We need to resist the bureaucratic urge

or weasel words to conceal disagreement. The analyst's time needs to We don't need analysts spending their time finding a middle ground go into evaluating information - searching for the meaning and the implications of events and trends - and expressing both their conclusions and their disagreements clearly. The search to unify the intelligence community around a single homogenized estimate serves policymakers lowest or blandest common denominator. The search for consensus also badly. It buries valid differences, forcing the intelligence product to the cultivates the myth of infallibility. It implicitly promises a reliability that cannot be delivered. Too frequently, it deprives the intelligence product

cannot be delivered. Too frequently, it deprives the intelligence product of relevance and the policymaker of the range of possibilities for which prudence requires that he prepare.

Above all, the policymaker needs to be protected from the convenional wisdom. Let me give you some horrible examples.

then a member of the Atomic Energy Commission, performed one of the detect all large explosions that occurred at any place on the earth. We Together, they insisted that we had to develop a program to monitor and Before there was a CIA, Senator Brian McMahon and Lewis Strauss, most important intelligence missions in the history of our nation. had to have that intelligence.

1948. A detection system was devised by the end of 1948 but the Air Force found itself short of funds to procure instrumentation for the to be ready in time. Lewis Strauss, a great patriot and Chairman of the lion so that the contracts could be made firm immediately. This effort The first chance to perfect such a system was offered by tests which we were planning to conduct in the vicinity of Eniwetok in the spring of monitoring program. About one million dollars would be required to complete it, and contracts had to be let at once if the instruments were Atomic Energy Commission, volunteered to obligate himself for the milwas launched in the nick of time, and in September it established that an atomic explosion had occurred somewhere on the Asiatic mainland and at some date between August 26 and 29, 1949.

Had there been no monitoring system in operation in 1949, Russian we would have made no attempt to develop a thermonuclear weapon. It was our positive intelligence that the Russians had exploded an atomic bomb, which generated the recommendation to develop the qualitativesuccess in that summer would have been unknown to us. In consequence, ly superior hydrogen weapon, to maintain our military superiority.

On January 30, 1950, President Truman made the decision to build the bomb. We were able to test our first hydrogen bomb in November 1952. The Russians tested their first weapon involving a thermonuclear reaction the following August.

distanced, and the Soviet military would have been in possession of capability, the Russian success in developing thermonuclear weapon capability in 1953 would have found the United States hopelessly out-Had we relied on the conventional wisdom about Soviet nuclear weapons vastly more powerful and devastating than any we had.

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plemented by increased efforts to assess economic vulnerabilities and our defense budget and force structures. But they will have to be supaggression than by military force. We will still devote a large slice of or are being exploited by propaganda, by subversion, and by terrorism. the need to identify social and political instabilities - and how they can technological breakthroughs. Increasingly, priority attention will go to our effort to military estimates and rely heavily on them in formulating So much for the kind of intelligence capabilities we have and need to

half an hour. For that reason alone, it remains the number one target. directly targeted at the United States which could destroy the U.S. in years. It is the only country in the world with major weapons systems is still the Soviet Union. It has been the number one adversary for 35 Now, let me say a few words about what we face. Our first priority

across through the Sudan and Chad to the Western Sahara. thoroughly threaten the African continent from Angola to Ethiopia and Over the last five years we've seen the combination of Cuban manpower, version and insurrection and tiny wars of so-called national liberation. Libyan money, and Soviet arms and transport substantially seize and Less lethal but perhaps more dangerous is the threat of worldwide sub-

resources of the Middle East threatened from Iran and Afghanistan from We've seen the same forces take over Nicaragua and threaten to Castroize all of Central America. We see the crossroads and the oil the east, Syria from the north, Yemen from the south and Libya from the West -all literally stuffed with Soviet weapons.

own land-based missiles. This has led to a Presidential decision to acpower of Soviet missiles thoroughly threatens the survivability of our celerate the strengthening of our air and sea retaliatory capability and to rent capability. defense and versatile cruise missiles can play in maintaining our deterbased missiles until we can better evaluate the role that anti-missile basically defer the decision on the basing of the more powerful land-First, there is the strategic arena in which the increasing accuracy and There are many levels at which the Soviet Union challenges us today.

forces vastly outnumber NATO forces and tanks, planes and troops. Secondly, on the Central European Front, Soviet and Warsaw Pact

the Soviets, together with their Cuban proxies, have demonstrated their Thirdly, in the ability to project miliary power over long distances,

be defended. Thus, he was many months ahead of anyone in Washington something there which will need to be attacked and hence will need to are no targets there now, he concluded, so they must intend to bring weapons in Cuba. What are they there to protect, he wondered. There Intelligence, saw reports coming in about the arrival of anti-aircraft being brought in and installed, McCone considered this confirmation of in Cuba. When Cuban refugees brought reports that large missiles were in predicting the possibility that Moscow might base offensive missiles on the basis that the Soviets would never do anything so foolish - until his tentative forecast, while everyone else in Washington dismissed them the U-2 pictures could not be denied. Early in 1962, John McCone, newly arrived as Director of Central

couraged to do so. Policymakers can easily sort through a wide range of not only be allowed to compete and surface differences, but be enopinions, but they cannot consider views and opinions they do not ligence, and every other element of the intelligence community should To protect against the conventional wisdom, CIA, military intel-

be made up of strong and experienced individuals with a wide range of reconstituting a President's Foreign Intelligence Advisory Board. It will will be relevant to policy. For that reason, we are in the process of no monopoly on truth, on insight, and on initiative in foreseeing what relevant backgrounds. The time has come to recognize that the intelligence community has

contact with the campuses, the think tanks, and the business organizaactivities around the world. We're geared to do that in open and direct ces of the nation and the perspectives and insights you develop from your mal intelligence organizations. We've got to tap all the scholarly resour-To get all the intelligence we need, we've got to go beyond the for-

tions around the country. ces. For the first twenty years of a peacetime intelligence, most of the if we knew where the enemy was and how he was redeploying his forworld as it generates new threats. In the OSS, we were doing pretty well telligence requirements of our increasingly complex and dangerous effort went to understanding the production and capabilities of weapons. threatened and damaged more by coups and subversion and economic It is only in the last decade that it has dawned upon us that we have been We will need to do even more of this in the future to cope with the in-

capability in Angola and in Ethiopia, while the rapid deployment force we have recently created remains untested.

In numbers, experience, and freedom to act, the ability of the Soviets to subvert other governments and propagandize in other countries is unrivalled. A few years ago the United States was providing twice as much military equipment to Third World countries. Today the Soviet Union is providing 50 percent more equipment to a larger number of Third World countries — and military advice and influence go along with these relationships. The Soviets, along with their Eastern European satellites, and Libya, Cuba, and the PLO, engage in the widespread training of guerrilla fighters and terrorists, and sometimes use them to destabilize governments and thus lay the ground for their support of revolutionary violence.

Large and specialized segments of the KGB and the Soviet military intelligence known as the GRU, together with trade and scientific delegations roaming the advanced world, are acquiring Western technology and using it to build the military threat that we have to defend against, and to reduce the drain which that process imposes on the Soviet economy at a rate which we only recently have begun to realize.

This is the range of the threat, so much of it new and beyond the traditional range in capabilities of Western intelligence, which we are now called upon to deal with.

A strong defense and ability to exercise influence in the world requires a strong industrial basis.

We need to ask ourselves tough questions about where our economy and where our companies are headed. For example, what will the increasing globalization of the automobile industry do to the industrial base on which we must depend for national defense? As the auto industry becomes globalized our need to keep the sea lanes open will become more critical.

How will the attrition of our computer and semi-conductor industry, under the impact of the drive the Japanese have mounted to capture this market, undermine our defense capability? How will it impact our ability to make our way in the world through the manufacture of machinery and equipment that will be increasingly controlled and guided by microprocessors?

If the French, Germans, and Japanese, and less developed countries

like Korea and Brazil, convert more rapidly than the United States from

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fossil fuels to nuclear energy, how rapidly will lower power costs in those countries be converted into important competitive advantages in manufacturing costs? How will the instabilities in southern Africa on the one hand and seabed mining on the other affect the structure of our world mineral markets and impact our manufacturing industries?...

What will count here and around the world is a renewal of confidence in our people and among other nations in the strength of purpose and the reliability of the United States to do what needs to be done to make our own society stronger and more efficient, and to work with our friends and allies in support of freedom and justice.

