

Guide to the Sussex Harvard Information Bank

Origin, purpose and scope

Otherwise known as SHIB, the Sussex Harvard Information Bank on Chemical/Biological-Warfare Armament and Arms Limitation is a component of the Harvard Sussex Program (HSP) that charitable foundations have long been supporting at Harvard and Sussex universities so as to promote scholarly inputs into the formation of public policy regarding chemical and biological weapons (CBW). SHIB is the product of a concerted and continuing effort to acquire up-to-date information about CBW and to make that information available not only to HSP staff and associates but also (within obvious limits) to the wider community. It gives strength to the research, teaching and wider outreach activities of HSP.

Possession of CBW is nowadays prohibited by international law binding upon the great majority of states. HSP looks for ways of preventing any resurgence of CBW through governance of applicable technology. So SHIB exists in order to facilitate and empower policy-orientated research in the field of CBW disarmament, technology governance and associated international regime formation and implementation. The secrecies and sensitivities associated with CBW have always restricted the information available for such research. The design and content of SHIB are meant as countermeasures. This objective directs the emphases in SHIB's holdings and in the way in which the holdings are organized. Thus, there is a particular emphasis on acquisition of upto-date political information, a current-awareness function that is also expressed in the News Chronology section of the HSP quarterly journal, *The CBW Conventions Bulletin*, founded in 1988 (as *Chemical Weapons Convention Bulletin* until its renaming in 1997). Scientific, technical, military and historical information also enters SHIB.

SHIB started out as the repository of published and unpublished documentation on CBW accumulated since the early 1960s by Matthew Meselson and Julian Perry Robinson, the founding co-directors of HSP. By the late 1980s, when HSP was able to take on additional staff, SHIB was organised into the basic structure that it has today. Most of it is held in the Freeman Centre at the University Sussex where it now occupies nine bays of archive stacks and other shelving, about 230 metres in all. Certain parts of the collection are held at Harvard University. SHIB holdings comprise a wide variety of source types: books, newspaper and journal articles, parliamentary reports, scientific papers, videos, specialist reviews, transcripts, English-language translations, correspondence, etc, etc, many tens of thousands of items in all. They are organized so that people outside HSP, as well as those within it, can gain access to CBW-related information. Development, aimed particularly at improving remote access via the internet, is in progress. A constant effort is made to adapt SHIB to suit the often-changing requirements of researchers in the field. Its holdings are continually expanding, under several influences:

- Systematic monitoring and scanning of information sources by HSP staff, associates and correspondents at home and abroad.
- Release into the public domain of relevant state papers.
- Deposit of private papers by outside donors.
- HSP research projects.

Eclectic in its sources and updated all the time, SHIB is a living archive.

Structure

SHIB holdings are organized in such a way that a degree of collation, which is first aid against information-shortage, misinformation and disinformation, is automatically applied. This is done by copying and filing incoming documentation into a fine-grained storage system organized by date and/or by subject and also, in some particular cases, by author or originating agency. Another purpose of this scheme is to enable browsing by visiting researchers. In some areas of SHIB more active methods of collation are also applied, through the use of registers and computerized data-bases. These greatly facilitate specialized research.

Within the SHIB storage system, there are some 3000 separate storage locations, each one bearing a unique alphanumerical label. These labels, which serve as locators for each stored information-item and are inscribed on each such item, also serve as subject-matter descriptors in the computerized records of stored documentation-items. A single stored information-item may bear more than one such descriptor. In hard-copy form it will generally be stored in only one location but with duplicates, or copies of its title page, being held in the other possible locations.

Three computerized data-bases are being developed and maintained so as to increase the usefulness of SHIB. The most advanced is the *CBW Events Data-Base*, which is a systematic record of events dating back to 1987 in and around the world of CBW. The 'News Chronology' section of each issue of *The CBW Conventions Bulletin* is excerpted from it. Each record in the data base -- one record per event or cluster of associated events, currently about 16,000 in all -- is fully referenced with citations of SHIB-held documentation. Each record is held in two forms: one in MS Word, the other in Bekon ideaList, which is a text-oriented data management programme that enables different types of search. The data-base is continually updated, corrected as necessary, and added to retrospectively as new documentation comes in. The current plan is to extend it backwards in time (to 1945) as well as forwards.

The second database is a continually updated register of substantial new publications in the field. It is called the *CBW Publications Data-Base*. Its records, of which there are now about 5,000, are also in two forms, one of which is in MS Word in order to support the 'Recent Publications' section of the *Bulletin*. The other is in EndNote, so as to facilitate searching and manipulation.

Every three months, the latest additions to the *Events* and *Publications* data-bases, including prior records that have been introduced, revised or expanded from late-received information or that were for some reason excluded from the *Bulletin*, are published in hard-copy form as the HSP *CBW Chronicle*. This is done in a small edition for close HSP collaborators. The Events part of each *Chronicle*, in contrast to the corresponding News Chronology section of each *Bulletin*, includes detailed identification of sources.

The third data-base, still at an early stage of construction, is the *CBW Archives Data-Base*. SHIB has substantial holdings of photocopies of British, American and other state papers addressing CBW matters, mostly copied by collaborating researchers from national archives or, in the case of some of the American ones, obtained under the Freedom of Information Act. The research value of such documentation is very much dependent upon its indexing; the bibliographical records initially used in SHIB for this purpose were manual ones on index cards. These records, which are necessarily more detailed than those of the bibliographical data-base, are now being replaced by computerized records, again using Bekon ideaList software. As this digitization proceeds, the data-base is becoming an increasingly powerful tool for further archival and other research.

Storage principles

The initial sorting of SHIB holdings and newly acquired documentation is chronological: everything in SHIB is filed first in date order of publication or of initial distribution unless there is some good reason for not doing so (e.g. that an item is of a confidential nature, or that its date seems to add nothing obviously useful to its information content), in which case it goes directly into the subject or source-type files. Material in the chronological files is then copied, as appropriate, into the non-chronological files, or else is transferred there with only a copy of its title page retained in the chronological files. On whatever remains of it in the chronological files, an entry is made of its new location (or locations if more than one copy has been made). The chronological files thus serve an indexing function for SHIB as a whole. Items too bulky to go into SHIB files, such as books, are boxed or shelved, their whereabouts recorded on filed copies of their title-pages. The chronological files are stored on shelves, in loose-leaf binders, currently

about 550 of them.

An increasing proportion of incoming SHIB items is now in electronic form, and quite soon we expect that incoming hard-copy items will represent the minor proportion. This is a trend that we are encouraging, even to the point of scanning certain hard-copy SHIB items into searchable/retrievable electronic storage. In the future, electronic items will be downloaded as hard copy only if there are good grounds for storing them in the subject or source-type files of SHIB. The principal reason for doing so is in order, again, to facilitate constructive browsing by SHIB-users.

The system of non-chronological – subject and source-type -- files that SHIB employs needs to be fine-grained and expansible if it is to work properly. To this end the files are ordered within nine primary storage categories labelled A through I, each one subdivided into secondary categories:

- A *CBW Technology & Applicable Science*
- A1 Toxic agents
- A2 Infective agents
- A3 Applicable technique
- A4 Emergent CBW technology
- A5 CBW equipments

- B *Military or Other Operational Aspects of CBW*
- B1 General articles on CBW
- B2 Historical
- B3 Utility of CBW weapons
- B4 CBW intelligence
- B5 Consequences of CBW
- B6 CBW threat reduction

- C *Countries and Alliances* (their CBW policies, forces, laws, &c)
- C1 Overview
- C2 Intergovernmental organisations
- C3 Countries

- D *Conflicts.* Each of the following secondary categories comprises a collection of conflict files, each one including material on a particular conflict in which CBW have been used or alleged to have been used. Each such file may also include background material on the conflict itself.
- D1 Pre World War I
- D2 World War I
- D3 Inter World War period
- D4 World War II
- D5 1945-60
- D6 Since 1960

- E *CBW Arms Control & disarmament*
- E1 Existing anti-CBW regime
- E2 Future anti-CBW regime

- F *Special Topics.* This is a convenience category: everything filed within it could also be filed in categories A-E. Its subcategories correspond to specific topics under active HSP study, that study requiring information otherwise stored in several different places:
- F1 New history
- F2 Psychological, societal and cultural factors
- F3 Human exposures to CBW agents
- F4 The Sverdlovsk anthrax
- F5 The Yellow Rain

- F6 Elimination of CBW-weapons capability
- F7 Ethnic weapons
- F8 Poisoned arrows etc
- F9 The chemical industry
- F10 CBW business
- F11 Leads
- F12 Spinoff and spinon
- F13 CW aspects of Kuwait crisis
- F14 Military herbicides
- F15 Disabling chemicals
- F16 Criminalization of CBW
- F17 Conspiracies
- F18 Organized crime and CBW

G *Related Topics.* This category is for storing information-items not expressly on CBW but nonetheless helpful to have in SHIB. It provides, in effect, a special reference collection useful for exploiting information held in earlier categories. Its primary subcategories correspond to main categories A-I:

- GA Scientific Topics
- GB Military Topics
- GC Country Topics
- GD Conflict Topics
- GE Arms-control Topics
- GF Special Topics
- GH Documentary sources
- GI Author files

H *Documentary Sources.* This category is chiefly for the storage of documentary and unpublished source materials on CBW matters. The subcategories are mostly by source-type, not subject matter. The category is also used for filing source-materials, including published ones, by originating agency, where that seems useful.

- H1 League of Nations and United Nations document series
- H2 Other intergovernmental document series
- H3 Material from archives
- H4 US Congressional oversight of Defense spending
- H5 Other governmental papers

Subcategories H6, H7, H8 and H9 are reserved.

I *Author files.* This category is for the storage of published papers on CBW matters by particular authors, with subfiles for each author, currently 125 of them.

Categories J, K, L, M, N, O, P and Q are reserved.

Associated with each of the subcategories outlined above for Categories A-H are hierarchies of subsidiary files, each with a unique alphanumeric label denoting its content. Subsidiary subcategories are created -- i.e. new files opened -- whenever a higher subcategory becomes too heavily populated with information-items to be convenient for research purposes or manageable for storage purposes. As the collection grows, new subfiles may be split out from the existing files. Especially in category E, which is still in a primitive state, the still-continuing development work may lead to the merging of certain subfiles and then different disaggregations of them. Listed below is *SHIB Fine Structure*, which displays all the files and subfiles in the current structure.

SHIB fine structure

** indicates new item since last edition, not yet in a labelled ledbury.

indicates a locator used only in SHIB/Harvard.

A: CBW TECHNOLOGY & APPLICABLE SCIENCE

SUBCATEGORY A1: TOXIC AGENTS

- A1.1 CW aspects
 - A1.1.1 Collated data on CW agents
 - A1.1.2 Reviews
 - A1.1.3 Computer-search printouts
- A1.2 Sensory irritants
 - A1.2.1 Mechanisms of irritancy
 - A1.2.2 Chemistry
 - A1.2.3 Pharmacology and toxicology
 - A1.2.3.1 Clinical & post-mortem studies in man
 - A1.2.3.2 Controlled human exposures
 - A1.2.3.2.1 Agent CS
 - A1.2.3.2.2 Agent CR
 - A1.2.4 Capsaicin and synthetic homologues
 - A1.2.5 Diphenylarsines
 - A1.2.6 Bromobenzyl cyanide and congeners
 - A1.2.7 Chloroacetophenone and congeners
 - A1.2.8 Benzalmalononitriles and congeners
 - A1.2.8.1 Chemistry
 - A1.2.8.2 Pharmacology and toxicology
 - A1.2.9 Dibenzoxazepines and congeners
 - A1.2.10 Other irritants
- A1.3 Phosgene and other choking gases
- A1.4 Hydrogen cyanide and related blood gases
- A1.5 Mustards
 - A1.5.1 Chemistry

- A1.5.2 Pharmacology and toxicology
 - A1.5.2.1 Clinical and post-mortem studies in man
- A1.5.3 Mustard-gas key precursors
- A1.6 Arsenicals other than diphenylarsines
- A1.7 Nerve gases and other anticholinesterase agents
 - A1.7.1 Cholinesterases and their inhibition
 - A1.7.1.1 Aging of inhibited ChE
 - A1.7.1.2 Acetylcholine and its receptors
 - A1.7.2 Organophosphates
 - A1.7.2.1 Chemistry
 - A1.7.2.1.1 Synthetic methods
 - A1.7.2.1.1.1 C-P bonds
 - A1.7.2.1.1.2 Other intermediates
 - A1.7.2.1.1.3 Dyflos and congeners
 - A1.7.2.1.1.4 Systox and congeners
 - A1.7.2.1.2 Physical & chemical properties
 - A1.7.2.1.3 Analytical methods
 - A1.7.2.1.4 In vitro ChE inhibition
 - A1.7.2.2 Pharmacology and toxicology
 - A1.7.2.2.1 Interaction with non-ChE substrates
 - A1.7.2.2.2 Delayed and longterm toxicity
 - A1.7.2.2.3 Controlled human exposures
 - A1.7.2.2.4 Uncontrolled human exposures
 - A1.7.2.2.5 Inhal/percut lethality studies
 - A1.7.2.2.6 Review articles
 - A1.7.2.3 OP pesticides
 - A1.7.2.4 OP nerve gases
 - A1.7.2.4.1 Tabun and congeners
 - A1.7.2.4.2 Sarin and congeners
 - A1.7.2.4.3 Amiton and congeners
 - A1.7.2.4.4 Tammelin esters
 - A1.7.2.4.5 Edemo and congeners
 - A1.7.2.4.6 Others
 - A1.7.2.5 Nerve-gas key precursors
 - A1.7.3 Carbamates

- A1.7.4 Other anticholinesterases
- A1.7.5 Therapy and prophylaxis of anti-ChE poisoning
 - A1.7.5.1 Drug studies
 - A1.7.5.1.1 Anticholinergics
 - A1.7.5.1.2 Oximes
 - A1.7.5.1.3 Carbamates
 - A1.7.5.1.4 Other drugs
 - A1.7.5.2 Prophylaxis
- A1.8 Incapacitants
 - A1.8.1 Directions in incap R&D
 - A1.8.1.1 USA:incap R&D
 - A1.8.2 Pathway to incapacitation
 - A1.8.2.1 Hallucination
 - A1.8.2.2 Anaesthesia
 - A1.8.2.3 Tranquillization
 - A1.8.2.4 Tremors
 - A1.8.2.5 Convulsions
 - A1.8.2.6 Paralysis
 - A1.8.2.7 Hypotension
 - A1.8.2.8 Hypothermia & hyperthermia
 - A1.8.2.9 Emesis
 - A1.8.2.10 Vision impairment
 - A1.8.2.11 Pain and itch
 - A1.8.2.12 Stink
 - A1.8.3 Psychotropic drugs
 - A1.8.3.1 Phenothiazines
 - A1.8.3.2 LSD and congeners
 - A1.8.3.3 Other hallucinogenic indoles
 - A1.8.3.4 Mescaline and congeners
 - A1.8.3.5 Cannabinoids
 - A1.8.3.6 Phencyclidine and congeners
 - A1.8.3.7 BZ and congeners
 - A1.8.3.8 Atropine, scopolamine and congeners
 - A1.8.3.9 Benzomorphans, fentanyl and other opioids
 - A1.8.3.10 Other psychotropic drugs

- A1.8.4 Other drugs
 - A1.8.4.1 Succinyl choline and congeners
 - A1.8.4.2 Tremorine and congeners
- A1.9 Toxins
 - A1.9.1 Bacterial toxins
 - A1.9.1.1 Endotoxins
 - A1.9.1.2 Tetanal toxins
 - A1.9.1.3 Botulinal toxins
 - A1.9.1.4 Staphylococcal toxins
 - A1.9.1.5 Other bacterial toxins
 - A1.9.2 Mycotoxins
 - A1.9.2.1 Aminitins
 - A1.9.2.2 Aflatoxins
 - A1.9.2.3 Trichothecenes
 - A1.9.2.3.1 Literature searches
 - A1.9.2.3.2 Natural occurrence
 - A1.9.2.3.3 Pharmacology and toxicology
 - A1.9.2.3.4 Effects in man
 - A1.9.2.3.5 Chemistry and production
 - A1.9.2.3.6 Analytical methods
 - A1.9.2.4 Ergot
 - A1.9.2.5 Other mycotoxins
 - A1.9.3 Algal toxins
 - A1.9.3.1 Saxitoxin
 - A1.9.3.1.1 Comparisons with tetrodotoxin
 - A1.9.4 Higher plant toxins
 - A1.9.4.1 Hallucinogens
 - A1.9.4.1.1 Morphine and congeners
 - A1.9.4.2 Other alkaloids
 - A1.9.4.2.1 Curare
 - A1.9.4.3 Glycosides
 - A1.9.4.4 Phytohaemagglutinins
 - A1.9.4.4.1 Ricin
 - A1.9.4.5 Other higher plant toxins
 - A1.9.5 Zootoxins

A1.9.5.1	Sponge toxins
A1.9.5.2	Cnidarian toxins
A1.9.5.2.1	Palytoxin
A1.9.5.2.2	Sea-wasp toxin
A1.9.5.3	Mollusc toxins
A1.9.5.3.1	Cone snail toxins
A1.9.5.3.2	Octopus toxins
A1.9.5.4	Sea urchin toxins
A1.9.5.5	Tetrodotoxin
A1.9.5.6	Frog toxins
A1.9.5.7	Snake toxins
A1.9.5.8	Insect toxins
A1.9.5.9	Spider toxins
A1.9.5.10	Scorpion toxins
A1.9.5.11	Other zootoxins
A1.9.6	Human biochemicals
A1.10	Oligo-peptides
A1.11	Other toxicants
A1.11.1	Vesicants
A1.11.1.1	Chloroformoximes
A1.11.2	Organofluorine compounds
A1.11.2.1	Fluoroacetates
A1.11.2.2	Fluoroalkenes
A1.11.3	Bisquaternary compounds
A1.11.3.1	Hemicholinium compounds
A1.11.4	Adamantanes
A1.11.5	Dioxin and congeners
A1.11.6	Atranines
A1.11.7	Bicyclic P-esters and congeners
A1.11.8	Other organosilicon compounds
A1.11.9	Other organometallics
A1.11.10	Sulphur compounds
A1.12	Herbicides
A1.12.1	Phenoxyacetates

Subcategory A2: Infective Agents

- A2.1 BW aspects
 - A2.1.1 Directions in BW-agent R&D
 - A2.1.1.1 USA: BW-agent R&D
 - A2.1.2 Mixed infections
 - A2.1.3 Production and storage
 - A2.1.4 Prophylaxis and therapy
 - A2.1.4.1 Diagnostics
 - A2.1.5 Aerobiology
 - A2.1.6 Antiplant agents
 - A2.1.7 Entomological warfare
 - A2.1.8 Simulants
- A2.2 Fungal pathogens
 - A2.2.1 Animal
 - A2.2.1.1 *Coccidioides immitis*
 - A2.2.1.2 *Histoplasma capsulatum*
 - A2.2.2 Plant
 - A2.2.2.1 *Pyricularia oryzae*
 - A2.2.2.2 *Puccinia graminis* (including Ug-99)
- A2.3 Bacterial pathogens
 - A2.3.1 Animal
 - A2.3.1.1 *Bacillus anthracis*
 - A2.3.1.2 *Yersinia pestis*
 - A2.3.1.3 *Burkholderia pseudomallei*
 - A2.3.1.4 *Francisella tularensis*
 - A2.3.1.5 *Brucella* spp.
 - A2.3.1.6 *Salmonella typhosa*
 - A2.3.1.7 *Vibrio cholerae*
 - A2.3.1.8 *Shigella* spp.
 - A2.3.1.9 *Legionella pneumophila*
 - A2.3.1.10 *Chlamydia psittaci*
 - A2.3.1.11 *Coxiella burnetii*
 - A2.3.1.12 *Rickettsia rickettsii*
 - A2.3.1.13 *Rickettsia prowazeki*
 - A2.3.1.14 *Rickettsia tsutsugamushi*

- A2.3.1.15 Burkholderia mallei
- A2.3.2 Plant
- A2.4 Viral pathogens
 - A2.4.1 Animal
 - A2.4.1.1 VEE
 - A2.4.1.2 WEE
 - A2.4.1.3 EEE
 - A2.4.1.4 Semliki Forest
 - A2.4.1.5 Chikungunya
 - A2.4.1.6 Dengue
 - A2.4.1.7 Yellow fever
 - A2.4.1.8 Rift Valley fever
 - A2.4.1.9 Lassa fever
 - A2.4.1.10 Junin (AHF)
 - A2.4.1.11 Variola
 - A2.4.1.12 Influenza
 - A2.4.1.13 Newcastle disease
 - A2.4.1.14 Marburg
 - A2.4.1.15 Ebola
 - A2.4.1.16 West Nile Encephalitis
 - A2.4.2 Plant
- A2.5 “New Diseases”
 - A2.5.1 Viroids and infectious nucleic acids
 - A2.5.2 AIDS
 - A2.5.3 Transmissible spongiform encephalopathies
 - A2.5.4 SARS (severe acute respiratory syndrome)
- A2.6 “Other biological agents”

Subcategory A3: Applicable Technique

- A3.1 Dissemination
 - A3.1.1 Aerosol generation
 - A3.1.2 Specific techniques
 - A3.1.2.1 Micronization/powder-dispersal
 - A3.1.2.2 Centrifugal

- A3.1.2.3 Explosive
- A3.1.2.4 Ultrasonic
- A3.1.2.5 Spraying
- A3.1.3 Dissemination devices
 - A3.1.3.1 Laboratory
 - A3.1.3.2 Pesticides and agrochemicals
 - A3.1.3.3 Pharmaceuticals
- A3.2 Dispersal
 - A3.2.1 Aerosol and cloud physics
 - A3.2.1.1 Aerosol containment
 - A3.2.2 Atmospheric diffusion and its modelling
 - A3.2.2.1 Deposition
 - A3.2.2.2 Field studies
 - A3.2.2.2.1 CBW field trials
 - A3.2.3 Air pollution studies
- A3.3 Uptake
 - A3.3.1 Inhalation and retention
 - A3.3.2 Percutaneous absorption
 - A3.3.3 Permeability enhancers
 - A3.3.4 Exposure assessment
- A3.4 Filtration
 - A3.4.1 Pressure swing adsorption
- A3.5 Detection and identification
 - A3.5.1 Microbes
 - A3.5.1.1 Forensic
 - A3.5.2 Chemicals
 - A3.5.2.1 GC/MS techniques
 - A3.5.2.2 Enzyme methods
 - A3.5.2.3 Biomarkers of exposure
 - A3.5.3 People
 - A3.5.4 Aerosols
 - A3.5.4.1 LIDAR
 - A3.5.5 Air-sampling technique
- A3.6 Disinfection and decontamination
 - A3.6.1 Detoxification chemistry

- A3.6.2 Gruinard Island decontamination
- A3.6.3 By incineration
- A3.6.4 Enzyme methods
- A3.7 Freeze-drying etc
- A3.8 Microencapsulation
- A3.9 CBW relevant biotechnology
 - A3.9.1 Toxin-gene cloning
 - A3.9.2 RNAi
 - A3.9.3 ‘Synthetic biology’
 - A3.9.4 Protein engineering
- A3.10 Toxicity measurement
 - A3.10.1 Screening
 - A3.10.2 Extrapolation to man
 - A3.10.3 Low-level exposure
- A3.11 Infectivity measurement
- A3.12 Persistence
- A3.13 Chiral synthesis and chirality
- A3.14 Containment of biohazards
- A3.15 Supercritical fluids
- A3.16 CBW relevant nanotechnology

Subcategory A4: Emergent CBW Technology

- A4.1 Directions being taken in CBW R&D
 - A4.1.1 USA
- A4.2 Offensive technology
 - A4.2.1 New CBW agents
 - A4.2.1.1 Penetration of protection
 - A4.2.1.2 Adjuvants
 - A4.2.1.2.1 Agent thickeners [formerly A4.2.1.2]
 - A4.2.1.2.2 Agent stabilizers [formerly A4.2.1.3]
 - A4.2.2 Munitions R&D
 - A4.2.2.1 Biological
 - A4.2.2.2 Direct injection
 - A4.2.2.3 Explosive dissemination

- A4.2.2.4 Thermal dissemination (incl. gas generators)
 - A4.2.2.4.1 Pyrotechnic mixtures
 - A4.2.2.4.2 Thermogenerators
 - A4.2.2.5 Mechanical dissemination
 - A4.2.2.5.1 Frangible canisters
 - A4.2.2.5.2 Aerial spraytanks
 - A4.2.2.5.3 Piston-driven
 - A4.2.2.5.4 Carriers
- A4.2.3 Self-dispersing munitions
- A4.2.4 Special weapons
 - A4.2.4.1 Guided missile CBW-agent delivery
 - A4.2.4.1.1 Counter weapons
 - A4.2.4.2 CB-site-destruction weapons
- A4.2.5 Binary munitions
 - A4.2.5.1 USA: Binary R&D
- A4.3 Protective technology
 - A4.3.1 Physical protection
 - A4.3.1.1 Respirators
 - A4.3.1.2 Protective clothing
 - A4.3.1.3 Collective protection
 - A4.3.1.4 Resistant coatings
 - A4.3.2 Detection and identification
 - A4.3.2.1 CW agents and toxins
 - A4.3.2.1.1 Remote detection
 - A4.3.2.2 BW agents excluding toxins
 - A4.3.3 Decontamination studies
 - A4.3.3.1 Air
 - A4.3.3.2 Surfaces
 - A4.3.3.3 Water
 - A4.3.4 Medical
 - A4.3.4.1 USA: CW medical defence R&D
 - A4.3.4.2 USA: BW medical defence R&D
 - A4.3.5
- A4.4 Demilitarization studies
 - A4.4.1 CW agent conversion

A4.4.2 Chemdemil studies

Subcategory A5: CBW Equipments

- A5.1 Training aids and simulants
- A5.2 Offensive equipments
 - A5.2.1 Biological weapons
 - A5.2.2 Chemical weapons
 - A5.2.2.1 USA: standardised binary munitions
 - A5.2.2.1.1 M687 155mm GB2
 - A5.2.2.1.2 BLU-80/B Bigeye VX2
 - A5.2.2.2 Irritant-agent munitions
 - A5.2.2.3 Herbicide weapons
- A5.3 Protective equipments
 - A5.3.1 Physical protection
 - A5.3.1.1 Respirators
 - A5.3.1.1.1 USA: Respirators
 - A5.3.1.2 Protective clothing
 - A5.3.1.3 Collective protection
 - A5.3.1.3.1 NBC shelters
 - A5.3.1.4 CW-agent-resistant paints &c
 - A5.3.2 Detectors and alarms
 - A5.3.2.1 For CW agents and toxins
 - A5.3.2.2 For BW agents excluding toxins
 - A5.3.3 For decontamination
 - A5.3.3.1 Skin
 - A5.3.3.2 Ground
 - A5.3.3.3 Water
 - A5.3.3.4 Equipment and weapons
 - A5.3.3.5 Clothing
 - A5.3.4 Medical items
 - A5.3.4.1 Toxic-agent antidotes and prophylactics
 - A5.3.4.2 Infective-agent antidotes and prophylactics

B: MILITARY OR OTHER OPERATIONAL ASPECTS OF CBW

Subcategory B1: General articles on CBW

- B1.1 BW weapons
 - B1.1.1 Anti-plant/animal BW
- B1.2 CW weapons
 - B1.2.1 Incap concepts
 - B1.2.2 Herbicide warfare
 - B1.2.3 Tear-gas warfare
- B1.3 CBW protection
 - B1.3.1 Degradation due to protection
 - B1.3.2 Civil defence
- B1.4 Bibliographies [inc reviews/notices of CBW publications]
 - B1.4.1 Computer searches
 - B1.4.2 CBW data-bases
 - B1.4.3 CBW websites
 - B1.4.4 Bibliometric studies
 - B1.4.5 Textmining of CBW data
 - B1.4.6 CBW listservs
 - B1.4.6.1 Biowar
 - B1.4.6.2 SIPRI CBW DF
 - B1.4.6.3 FAS CBW
 - B1.4.6.4 Sunshine Biodefense
 - B1.4.6.5 RevCon Redux
 - B1.4.6.6 BWPP BCW DF
 - B1.4.6.6.1 'Biotechnology developments' board
 - B1.4.6.7 Sunshine NL CBW
 - B1.4.6.8 Monterey CBRN-IRD
- B1.5 Deterring CBW
- B1.6 CBW threat-assessment / risk analysis post cold war
- B1.7 Weapons of Mass Destruction - General

Subcategory B2: Historical

- B2.1 Pre-World War I
- B2.2 World War I
- B2.3 Inter-WW period
 - B2.3.1 BW studies
- B2.4 World War II

Subcategory B3: Utility of CBW weapons

- B3.1 CW and BW deterrence
- B3.2 CW operational research
 - B3.2.1 Munitions-requirement estimates
 - B3.2.2 Cost effectiveness
- B3.3 CW tactical doctrine
 - B3.3.1 Manuals: USA
- B3.4 Clandestine (incl BW)
 - B3.4.1 Terrorists and CBW weapons
 - B3.4.1.1 al-Qaeda (Osama bin Laden)
 - B3.4.1.1.1 2009 Algerian plague allegation
 - B3.4.1.2 Aum Shinrikyo
 - B3.4.1.3 Hoaxes
 - B3.4.1.4 Hamas
 - B3.4.1.5 Anthrax letters, 2001
 - B3.4.1.5.1 Analysis
 - B3.4.1.5.2 Bruce Ivins
 - B3.4.1.6 Abu Musab al-Zarqawi
 - B3.4.1.7 Ricin plots
 - B3.4.1.8 Hezbollah
 - B3.4.2 Markov murder (1978)
 - B3.4.3 Biocrimes
 - B3.4.3.1 In Brazil, 1957-65
 - B3.4.3.2 Rajneeshees in Oregon, 1984
 - B3.4.4 Mishal episode
 - B3.4.5 'Homemade Chemical Bombs' incl Hazardous Substances Emergency Events

- Surveillance (HSEES) reports
- B3.4.6 DIY CBW weapons
- B3.4.7 Litvinenko murder
- B3.4.8 Yushchenko poisoning
- B3.5 Naval chemical warfare
- B3.6 Logistics
 - B3.6.1 Logistics: USA
- B3.7 Training
- B3.8 Civil use of irritants etc
 - B3.8.1 Tbilisi, April 1989
 - B3.8.2 Intifada, 1988 on
 - B3.8.3 Waco, Texas, April 1993
 - B3.8.4 Seattle, Nov-Dec 1999
 - B3.8.5 Moscow theatre, October 2002
- B3.9 Security and Counterterrorism (incl. torture)

Subcategory B4: CBW Intelligence

- B4.1 Acquisition
 - B4.1.1 Open literature surveillance: USA
- B4.2 Utilisation
 - B4.2.1 Yom Kippur war and CW preparedness: USA
- B4.3 Deception
 - B4.3.1 Top Hat
 - B4.3.2 Fedora
 - B4.3.3 Cassidy

Subcategory B5: Consequences of CBW

- B5.1 Health, including requisite medical countermeasures
 - B5.1.1 CW plus irradiation
 - B5.1.2 Modelling CW effects
- B5.2 BW direct health consequences, incl requisite medical countermeasures [Formerly B6]
 - B5.2.1 Detecting BW through health/disease surveillance [Formerly B6.2]
 - B5.2.2 Modelling BW effects
- B5.3 Indirect/long-term health consequences

- B5.3.1 Psychological consequences [Formerly B7]
- B5.4 Environmental consequences [Formerly B5.2]
- B5.5 Forensic aspects [Formerly B6.3]
- B5.6 Decontamination
- B5.7 Assistance

Subcategory B6: CBW Threat Reduction

- B6.1 Biosecurity, concepts and measures
 - B6.1.1 National Policies
- B6.2 Crisis management planning/preparedness
- B6.3 Role of law
- B6.4 Psychological aspects
- **B6.5 Chemical security

C: COUNTRIES AND ALLIANCES

Subcategory C1: Overview

- C1.1 CW proliferation
 - C1.1.1 Binaries and CW proliferation
- C1.2 Regions
 - C1.2.1 Middle East
 - C1.2.2 Europe
 - C1.2.3 Mediterranean
 - C1.2.4 Africa
 - C1.2.5 Central Asia
- C1.3 BW proliferation
- C1.4 Antiproliferation
 - C1.4.1 Expanded Threat Reduction Initiative
 - C1.4.2 Proliferation Security Initiative
- C1.5 CBW Counterterrorism

Subcategory C2: Intergovernmental organisations

- C2.1 NATO
 - C2.1.1 NATO chemical deterrent
 - C2.1.2 Antiproliferation
 - C2.1.3 Non lethal weapons
 - C2.1.4 CB Defence Long Term Scientific Study (LTSS)
- C2.2 WTO
 - C2.2.1 Indigenous commentary
 - C2.2.2 Western commentary
- C2.3 European Communities and European Union
 - C2.3.1 REACH (EU regulatory regime for chemicals)
- C2.4 WEU
- C2.5 CMEA
- C2.6 World Health Organisation
- C2.7 Interparliamentary organisations
 - C2.7.1 North Atlantic Assembly

- C2.8 Other intergovernmental CBW cooperation
- C2.9 South Pacific Forum
- C2.10 Organization of American States
- C2.11 Commonwealth [British]
- C2.12 CSCE
- C2.13 Gulf Cooperation Council
- C2.14 Commonwealth of Independent States
- C2.15 ISTC Moscow, and STU
- C2.16 Non-Aligned Movement
- C2.17 La Francophonie
- C2.18 G-7 etc
- C2.18.1 Global Partnership Against the Spread of WMD
- C2.18.2 Financial Action Task Force
- C2.19 InterPol

Subcategory C3: Countries

Note: Within the C3 subcategory a separate file, or set of files, exists for each country. Each alphanumeric descriptor for these files includes, in parentheses, an abbreviation of the name of the country concerned. For some countries it has proved useful to maintain separate files for indigenous and nonindigenous source materials; to denote this, suffixes are attached to the country names within the descriptors, as follows:

- i indigenous sources
- e WTO-country sources
- w Western sources
- o other-country sources

Most of the country files are slim and need no subdivision. But some of them are large; and in all such cases the subdivision is done according to the following hierarchy:

- C3.1 National Policy
 - C3.1.1 Official statements of policy
 - C3.1.2 Policy debate
 - C3.1.2.1 (Particular programmes)
 - C3.1.2.2 Commissions of enquiry
 - C3.1.2.3 Official studies and reviews
 - C3.1.2.4 Parliamentary proceedings
 - C3.1.3 Implementing legislation
 - C3.1.4 War plans

- C3.1.5 Information policy
- C3.1.6 Other legislation
 - C3.1.6.1 State legislation
 - C3.1.6.2 CBW- related
- C3.2 Force levels
 - C3.2.1 BW capabilities
 - C3.2.1.1 Biodemil
 - C3.2.2 CW weapons posture
 - C3.2.2.1 Stocks of CW weapons
 - C3.2.2.2 Acquisition plans
 - C3.2.2.3 Chemdemil
 - C3.2.3 Anti-CBW posture
 - C3.2.3.1 Anthrax immunization
 - C3.2.3.2 Smallpox immunization
- C3.3 CBW expenditure
- C3.4 Administration and organisation
 - C3.4.1 CBW-preparedness organisations
 - C3.4.1.1 Military institutions
 - C3.4.1.1.1 Commands
 - C3.4.1.1.2 Agencies
 - C3.4.1.1.3 Establishments
 - C3.4.1.1.4 Schools
 - C3.4.1.1.3.1 Army establishments
 - C3.4.1.1.3.2 Navy establishments
 - C3.4.1.1.3.3 Air Force establishments
 - C3.4.1.2 Nonmilitary institutions
 - C3.4.1.2.1 Industry
 - C3.4.1.2.2 Universities
 - C3.4.2 Cooperation with other countries
 - C3.4.2.1 Foreign basing of CBW weapons
 - C3.4.2.2 Support for foreign chemdemil
 - C3.4.2.3 Support for foreign BW conversion
 - C3.4.2.4 Foreign aid for own chemdemil
 - C3.4.3 Individuals
 - C3.4.4 Orders and regulations

- C3.5 Intelligence
- C3.6 Police and IS forces
- C3.7 Historical
 - C3.7.1 Preparedness in WW2
 - C3.7.1.1 Information sources
 - C3.7.1.2 Later exploitation
- C3.8 Civil defence
- C3.9 CBW in domestic politics
- C3A CBW technology
 - C3A.1 Biological warfare
 - C3A.1.1 Weapons
 - C3A.1.1.1 For overt use
 - C3A.1.1.2 For covert use
 - C3A.1.2 Protection
 - C3A.1.3 Training aids
 - C3A.2 R&D programme
 - C3A.2.1 Covert use weapons
 - C3A.2.2 Volunteer testing programme
 - C3A.2.3 Field trials
 - C3A.3 Equipments
 - C3A.3.1 CW weapons
 - C3A.3.2 Protective equipments
 - C3A.4 Technology base
 - C3A.4.1 Bibliographies
- C3B Military attitudes
 - C3B.1 Doctrine
 - C3B.1.1 Doctrine development
 - C3B.2 Training
 - C3B.3 Textbooks etc
 - C3B.4 Operations research
 - C3B.4.1 Herbicides
- C3D Reported use of CBW
- C3E CBW disarmament
 - C3E1 Under the 1972 BWC
 - C3E2 Under the 1993 CWC

C3E2.1	Ratification of CWC
C3E3	Counterproliferation
C3E4	Counterterrorism

The subfiles currently open within the C3 subcategory are as follows:

C3(ALB)	Albania
C3(ALG)	Algeria
C3(AFG)	Afghanistan
C3(ANG)	Angola
C3(ARG)	Argentina
C3(ARM)	Armenia
C3(AUS)	Australia
C3(AST)	Austria
C3(AZE)	Azerbaijan
C3(BAN)	Bangladesh
C3(BEL)	Belgium
C3(BOL)	Bolivia
C3(BOS)	Bosnia & Herzegovina
C3(BRA)	Brazil
C3(BUL)	Bulgaria
C3(BUL-i)	
C3(BUR)	Burma
C3(BDI)	Burundi
C3(BRU)	Brunei
C3(BYE)	Belarus
C3(BF)	Burkina Faso
C3(CAN)	Canada
C3(CAN)A1	Biological warfare technology
C3(CAN)2.3.1	Anthrax immunization
C3(CHA)	Chad
C3(CHE)	Chile
C3(CHI)	China
C3(COL)	Colombia
C3(CRO)	Croatia

C3(CUB)	Cuba
C3(CYP)	Cyprus
C3(CSR)	Czechoslovakia
C3(CSR-i)	
C3(CZE)	Czech Republic
C3(DEN)	Denmark
C3(ECU)	Ecuador
C3(EGY)	Egypt
C3(SAL)	El Salvador
C3(ERI)	Eritrea
C3(EST)	Estonia
C3(ETH)	Ethiopia
C3(FIN)	Finland
C3(FRA)	France
C3(FRA)7	Historical
C3(FRA)A1	Biological warfare technology
C3(GEO)	Georgia
C3(GER)	Germany
C3(GER)7	Historical
C3(GER)7.1	Preparedness in WW2
C3(GER)7.1.1	Information sources
C3(GER)7.1.2	Later exploitation
C3(GER)A1	Biological warfare technology
C3(FRG)	Federal Republic of Germany
C3(FRG)1.2.4	Parliamentary proceedings [see also H5.4.1.1]
C3(GDR)	German Democratic Republic
C3(GDR-i)	
C3(GHA)	Ghana
C3(GRE)	Greece
C3(GUA)	Guatemala
C3(GUB)	Guinea-Bissau
C3(HAI)	Haiti
C3(HON)	Honduras
C3(HUN)	Hungary
C3(HUN-i)	

C3(ICE)	Iceland
C3(IND)	India
C3(INS)	Indonesia
C3(IRA)	Iran
C3(IRQ)	Iraq
C3(IRE)	Ireland
C3(ISR)	Israel
C3(ITA)	Italy
C3(IVO)	Ivory Coast
C3(JAP)	Japan
C3(JAP)7	Historical
C3(JAP)7.1	Preparedness in WW2
C3(JAP)7.1.2	Later exploitation
C3(JOR)	Jordan
C3(KAM)	Kampuchea
C3(KAZ)	Kazakhstan
C3(KEN)	Kenya
C3(KUW)	Kuwait
C3(LAO)	Laos
C3(LAT)	Latvia
C3(LEB)	Lebanon
C3(LIB)	Liberia
C3(LIT)	Lithuania
C3(LYA)	Libya
C3(MAC)	Macedonia, FYR of
C3(MAL)	Malaysia
C3(MLT)	Malta
C3(MEX)	Mexico
C3(MOL)	Moldova
C3(MOR)	Morocco
C3(MOZ)	Mozambique
C3(NET)	Netherlands
C3(NZ)	New Zealand
C3(NIC)	Nicaragua
C3(NIG)	Nigeria

C3(KON)	North Korea	
C3(NYM)	North Yemen	
C3(NOR)	Norway	
C3(OMA)	Oman	
C3(PAK)	Pakistan	
C3(PAL)	Palestinians	
C3(PAK)	Pakistan	
C3(PAN)	Panama	
C3(PAR)	Paraguay	
C3(PHI)	Philippines	
C3(POL)	Poland	
C3(POL-i)		
C3(POR)	Portugal	
C3(QAT)	Qatar	
C3(RHO)	Rhodesia	
C3(ROM)	Romania	
C3(ROM-i)		
C3(RUS)	Russian Federation	
C3(RUS)4.1.2		Biopreparat &c
C3(RUS)4.2.4		Foreign aid for Russian chemdemil
C3(SAU)	Saudi Arabia	
C3(SEN)	Senegal	
C3(SER)	Serbia & Montenegro	
C3(SIN)	Singapore	
C3(SLO)	Slovakia	
C3(SA)	South Africa	
C3(KOS)	South Korea	
C3(SYM)	South Yemen	
C3(SOV)	Soviet Union	
C3(SOV-w)	[for sub-divisions of this file, see below]	
C3(SOV-i)	[for sub-divisions of this file, see below]	
C3(SOV-o)		
C3(SOV-f)	Former Soviet Union [for post-USSR writing about USSR]	
C3(SOV-f)4.3		Individuals
C3(SOV-f)4.3.1		K Alibekov

C3(Sov-f)4.3.2	I Domoradskiy
C3(SPA)	Spain
C3(SRI)	Sri Lanka
C3(SUD)	Sudan
C3(SWE)	Sweden
C3(SWI)	Switzerland
C3(SYR)	Syria
C3(TAI)	Taiwan
C3(TAJ)	Tajikistan
C3(TAN)	Tanzania
C3(THA)	Thailand
C3(TRI)	Trinidad and Tobago
C3(TUK)	Turkmenistan
C3(TUR)	Turkey
C3(UAE)	United Arab Emirates
C3(UGA)	Uganda
C3(UKR)	Ukraine
C3(UK)	UK [for sub-divisions of this file, see below]
C3(USA)	USA [for sub-divisions of this file, see below]
C3(USA-e)	
C3(URU)	Uruguay
C3(UZB)	Uzbekistan
C3(VN)	Viet Nam
C3(YUG)	Yugoslavia
C3(ZAM)	Zambia

So far, detailed subdivisions have been developed only for four country files. These are set out below. They follow the basic hierarchy of the subcategory C3.

C3(SOVw)	
C3(SOV-w)1.2	Policy debate
C3(SOV-w)2	Force levels etc.
C3(SOV-w)2.2.1	CW-weapons stocks
C3(SOV-w)2.2.3	Chemdemil
C3(SOV-w)2.3	Anti-CW posture

C3(SOV-w)4	Administration and organisation
C3(SOV-w)4.1.1.1.1	VKhV
C3(SOV-w)4.2	Cooperation with other countries
C3(SOV-w)4.2.1	Foreign basing of CBW weapons
C3(SOV-w)4.3	Individuals
#C3(SOV-w)4.3.1	Lev Fedorov
#C3(SOV-w)4.3.2	Vil Mirzayanov (and subdivisions)
#C3(SOV-w)4.3.3	Shevardnadze, Gorbachev, Bakatin
#C3(SOV-w)4.3.4	Kuntsevich
#C3(SOV-w)4.3.5	Petrov
C3(SOV-w)6	Police and IS forces
C3(SOV-w)7	Historical
C3(SOV-w)8	Civil defence
C3(SOV-w)A1	Biological warfare
C3(SOV-w)A1.1	Obolensk
C3(SOV-w)A2	R&D programmes
C3(SOV-w)A2.1	Covert-use weapons
C3(SOV-w)A3	Equipments
C3(SOV-w)A3.1	CW weapons
C3(SOV-w)A3.2	Protective equipments
C3(SOV-w)B	Military attitudes
C3(SOV-w)B1	Doctrine
C3(SOV-w)D	Reported use of CBW
C3(SOV-i)	
C3(SOV-i)1	National policy
C3(SOV-i)2	Force levels etc.
C3(SOV-i)2.1	BW capabilities
C3(SOV-i)2.2.1	CW weapons stocks
C3(SOV-i)2.2.3	Chemdemil
C3(SOV-i)4	Administration and organisation
C3(SOV-i)4.1.1.1.1	VKhV
C3(SOV-i)4.2	Cooperation with other countries
C3(SOV-i)4.2.1	Foreign basing of CBW weapons
C3(SOV-i)4.3	Individuals
C3(SOV-i)7	Historical

- C3(SOV-i)8 Civil defence
- C3(SOV-i)A CBW technology
 - C3(SOV-i)A1 Biological warfare
 - C3(SOV-i)A3.1 CW weapons
 - C3(SOV-i)A3.2 Protective equipments
 - C3(SOV-i)A4 Technology base
- C3(SOV-i)B Military attitudes
 - C3(SOV-i)B1 Doctrine
 - C3(SOV-i)B2 Training
 - C3(SOV-i)B3 Textbooks etc-
- C3(SOV-f) Former Soviet Union

- C3(UK)
 - C3(UK)1.2.1 The CS decision
 - C3(UK)1.2.4 Hansard etc.
 - C3(UK)1.2.4.1 POLIS downloads
 - C3(UK)2.3 Anti-CW posture
 - C3(UK)2.3.1 Anthrax immunization
 - C3(UK)3 CBW expenditure
 - C3(UK)4 Administration and organisation
 - C3(UK)4.1.1 (to incorporate C3(UK)4.1.1.4.1) Military institutions
 - C3(UK)4.2 Cooperation with other countries
 - C3(UK)4.3 Individuals
 - C3(UK)5 Intelligence
 - C3(UK)6 Police and IS forces
 - C3(UK)7 Historical
 - C3(UK)7.1 Preparedness in WW2
 - C3(UK)8 Civil defence
 - C3(UK)A CBW technology
 - C3(UK)A1 BW programmes
 - C3(UK)A2 R&D programmes
 - C3(UK)A2.2 Volunteer testing programme
 - C3(UK)A3 Equipments
 - C3(UK)A3.1 CW weapons
 - C3(UK)A3.2 Protective equipments

C3(UK)A4.1	Bibliographies
C3(UK)B	Military attitudes
C3(UK)E1	BWC implementation
C3(UK)E2	CWC implementation
C3(UK)E3	Counterproliferation
C3(UK)E4	Counterterrorism
C3(USA)	
C3(USA)1	National policy
C3(USA)1.1	Official statements of policy
C3(USA)1.2	Policy debate
C3(USA)1.2.1	Binary programme
C3(USA)1.2.2	PCWRC (1985)
C3(USA)1.2.3	Official studies and reviews
C3(USA)1.2.4	Nuclear response to CBW
C3(USA)1.3	Implementing legislation
C3(USA)1.4	War plans
C3(USA)1.5	Information policy
C3(USA)1.6	Other legislation
C3(USA)1.6.1	State legislation
C.3(USA)1.6.2	CBW-related
C3(USA)2	Force Levels etc.
C3(USA)2.1	BW capabilities
C3(USA)2.1.1	Biodemil
C3(USA)2.2	CW weapons posture
C3(USA)2.2.1	Stocks of CW weapons
C3(USA)2.2.1.1	Storage, surveillance & security
C3(USA)2.2.2	Acquisition plans
C3(USA)2.2.3	Chemdemil
C3(USA)2.3	Anti-CBW posture
C3(USA)2.3.1	Anthrax immunization
C3(USA)2.3.2	Smallpox immunization
C3(USA)2.3.3	Project BioShield
C3(USA)3	CBW expenditure
C3(USA)4	Administration and organisation

C3(USA)4.1	CBW-preparedness organisations
C3(USA)4.1.1	Military institutions
C3(USA)4.1.1.1	Commands
C3(USA)4.1.1.1.1	Army Chemical Corps
C3(USA)4.1.1.2	Agencies
C3(USA)4.1.1.2.1	Chemical & Biological Defense Agency
C3(USA)4.1.1.2.2	Chemical Materiel Destruction Agency
C3(USA)4.1.1.2.3	DARPA
C3(USA)4.1.1.3	Establishments
C3(USA)4.1.1.3.1	Army establishments
C3(USA)4.1.1.3.1.1	Edgewood
C3(USA)4.1.1.3.1.2	Aberdeen
C3(USA)4.1.1.3.1.3	McClellan
C3(USA)4.1.1.3.1.4	Dugway
C3(USA)4.1.1.3.1.5	Pine Bluff
C3(USA)4.1.1.3.1.6	Rocky Mountain
C3(USA)4.1.1.3.1.7	Muscle Shoals
C3(USA)4.1.1.3.1.8	Newport
C3(USA)4.1.1.3.1.9	Detrick, incl NBACC
C3(USA)4.1.1.3.1.10	Johnston Atoll
C3(USA)4.1.1.3.1.11	West Germany
C3(USA)4.1.1.3.1.12	Others
C3(USA)4.1.1.3.2	Navy establishments
C3(USA)4.1.1.3.2.1	Oakland
C3(USA)4.1.1.3.3	Air Force establishments
C3(USA)4.1.2	Non-military institutions
C3(USA)4.1.2.1	Industry
C3(USA)4.1.2.2	Universities
C3(USA)4.1.2.3	Homeland Security, incl. NBAF
C3(USA)4.1.2.4	Energy Dept, incl. National Laboratories
C3(USA)4.1.2.5	Health Dept, incl CDC, BARDA, NSABB, etc
C3(USA)4.1.2.6	Justice Dept, incl NIJ and FBI
C3(USA)4.2	Cooperation with other countries
C3(USA)4.2.1	Foreign basing of CBW weapons
C3(USA)4.2.1.1	In Germany

- C3(USA)4.2.1.2 In Japan
- C3(USA)4.2.2 On chemdemil
- C3(USA)4.2.3 On BW conversion
- C3(USA)4.3 Individuals
- C3(USA)4.4 Orders and regulations
- C3(USA)5 Intelligence
- C3(USA)6 Police and IS forces
- C3(USA)7 Historical
- C3(USA)7.1 Preparedness in WW2
- C3(USA)7.1.1 Information sources
- C3(USA)8 Civil defence
- C3(USA)9 CBW in domestic politics
- C3(USA)A CBW technology
- C3(USA)A1 Biological warfare
- C3(USA)A2 R&D programmes
- C3(USA)A2.1 CIA/SOD
- C3(USA)A2.2 Volunteer testing programme
- C3(USA)A2.3 Field trials
- C3(USA)A2.3.1 Project 112/SHAD investigation, August 2000 onwards
- C3(USA)A3 Equipments
- C3(USA)A3.1 CW weapons
- C3(USA)A3.2 Protective equipments
- C3(USA)A4 Technology base
- C3(USA)A4.1 Bibliographies
- C3(USA)B Military attitudes
- C3(USA)B1 Doctrine
- C3(USA)B1.1 Doctrine development
- C3(USA)B2 Training
- C3(USA)B3 Textbooks etc
- C3(USA)B4 Operations research
- C3(USA)B4.1 Herbicides
- C3(USA)D Reported use of CBW
- C3(USA)E1 BWC implementation
- C3(USA)E2 CWC implementation
- C3(USA)E2.1 Ratification of CWC

C3(USA)E3 CBW counterproliferation
C3(USA)E4 CBW counterterrorism

The follow pre-SHIB files still await integration into SHIB:

Socialist countries: technical publications of CBW relevance

CBW capabilities: USSR and WTO

USSR and WTO countries: CW/BW: indigenous commentary

USSR/w: historical

USSR/w: internal use of CW

USSR-CW/Western

USSR CW armament: Western sources

USSR-indigenous/USSR

USSR-BW/Western

Covert-use CBW weapons: USSR

Soviet CW capabilities: collated data and estimates [in annual pocket files]

D: CONFLICTS

Subcategory D1: Pre World War I

Subcategory D2: World War I

- D2.1 Official histories
- D2.1.1 British
- D2.1.2 US

Subcategory D3: Inter World War period

- D3.1 Russian Civil War
- D3.2 British Somaliland
- D3.3 British India, 1920s
- D3.4 Iraq
- D3.5 Spanish/French Morocco, 1920s
- D3.6 Libya
- D3.7 Sinkiang: Soviet intervention, 1934
- D3.8 Italo-Ethiopian War, 1935-41
- D3.9 Sino-Japanese War, 1937-45
- D3.9.1 Reports of Japanese CW, 1937-45
- D3.9.2 Reports of Japanese BW, 1934-45

Subcategory D4: World War II, 1939-45

- D4.1 Consideration of use during WW2
- D4.2 Reviews of CW use reports
- D4.3 Reports of Japanese CW
- D4.4 Reports of German CW

Subcategory D5: 1945-60

- D5.1 British Malaya, 1950s

- D5.2 Korean War, 1950-53
- D5.3 Inter Korean border conflict, 1953 on
- D5.4 Israel, 1948 on

Subcategory D6: Since 1960

- D6.1 Vietnam War, 1961-75
 - D6.1.1 Background
 - D6.1.2 NLF/DRV sources
 - D6.1.3 Reports of lethal CW
 - D6.1.4 Reports of BW
 - D6.1.5 Retrospective
 - D6.1.5.1 Operation Tailwind
 - D6.1.6 Reports of NLF/NVA CW
 - D6.1.7 Reviews and commentaries
 - D6.1.7.1 Paris Scientific Conference, Dec 1970
 - D6.1.7.2 AAAS Chicago Herbicide Panel, Dec 1970
- D6.2 Yemeni civil war, 1963-67
 - D6.2.1 Background
- D6.3 Portugese Africa, 1960s/1970s
- D6.4 Rhodesia, 1965 on
- D6.5 Ulster, 1969 on
- D6.6 Israeli occupied territories, 1973 on
 - D6.6.1 West Bank
 - D6.6.2 Lebanon
- D6.7 Angola, 1975 on
 - D6.7.1 Background
- D6.8 Sino-Vietnamese war, 1979
- D6.9 Laos, 1970s/1980s
 - D6.9.1 CW in Thai/Laos border fighting
 - D6.9.2 Background
- D6.10 Cambodia, Vietnamese occupation, 1978 on
 - D6.10.1 CW in Thai/Cambodia border fighting
 - D6.10.2 Background
- D6.11 Afghanistan: Soviet intervention, 1979

- D6.11.1 Reports of Mujahideen use
- D6.11.2 Background
- D6.12 Gulf War, 1980-88
 - D6.12.1 Reports of CW use
 - D6.12.1.1 Reports of Iranian CW
 - D6.12.1.2 Reports of Iraqi CW
 - D6.12.1.3 Editorial comments on CW use
 - D6.12.1.4 Reviews of CW use reports
 - D6.12.1.5 UN investigations
 - D6.12.1.6 Medical reports
 - D6.12.2 Export control actions
 - D6.12.3 Background
 - D6.12.4 Reports of BW use
- D6.13 Namibia, 1980s
- D6.14 Burma, 1980s
- D6.15 Indonesia, 1980s
- D6.16 Philippines, 1980s
- D6.17 Ethiopia, 1980s
 - D6.17.1 Background
- D6.18 Nicaragua, 1980s
- D6.19 El Salvador, 1980s
- D6.20 Chad: Libyan intervention, 1980 on
 - D6.20.1 Background
- D6.21 Grenada: US intervention, 1983
- D6.22 Sudan, 1980s onwards
 - D6.22.1 Background
- D6.23 Mozambique, 1980s
 - D6.23.1 Background
- D6.24 Lebanon, 1980s
 - D6.24.1 Background
- D6.25 Sahara, 1970s
- D6.26 Iraq: internal CW
 - D6.26.1 Kurdistan
- D6.27 Somalia, 1980s
 - D6.27.1 Background

- D6.28 Uganda, 1980s
- D6.29 Romania, 1989
- D6.30 Sri Lanka, 1990
- D6.31 Kashmir, 1990s
 - D6.31.1 Background
- D6.32 Yugoslavia, 1991
 - D6.32.1 Background
- D6.33 Turkey: internal CW
- D6.34 Caucasus, 1990s
 - D6.34.1 Armenia/Azerbaijan, 1990s [formerly D6.34]
 - D6.34.2 Abkhazia [formerly D6.36]
 - D6.34.3 Ingush-Ossetian conflict [formerly D6.37]
- D6.35 War over Kuwait, 1990-91
 - D6.35.1 Background
 - D6.35.2 Iraqi CBW preparedness
 - D6.35.3 Coalition CBW preparedness
 - D6.35.4 WHO and other international organizations
 - D6.35.5 Subsequent UNSCOM activities
 - D6.35.6 Gulf War Syndrome
 - D6.35.6.1 Among US veterans
 - D6.35.6.1.1 Websites
 - D6.35.6.2 Among UK veterans
 - D6.35.6.3 Among Czechoslovak veterans
 - D6.35.6.4 Among Canadian veterans
 - D6.35.6.5 Among veterans of other Gulf War belligerents
 - D6.35.7 Post-UNSCOM
 - D6.35.7.1 UNMOVIC
- D6.36 Yemen, 1990s
- D6.37 Russia/Chechnya
 - D6.37.1 Chechnya: background
- D6.38 Liberia
- D6.39 Papua New Guinea
- D6.40 Peru/Ecuador border conflict, 1995
- D6.41 Mexico: internal CW, 1995
- D6.42 Tajikistan: internal CW

- D6.43 Libya: internal CW, 1996
- D6.44 Afghanistan: internal CW, 1996
- D6.45 Sierra Leone 1997
- D6.46 Kenya, 1998
- D6.47 Congo 2000
- D6.48 Intifada-2
- D6.49 Burundi 2001
- D6.50 Colombia, 2001
- D6.51 Afghanistan, 2001-
- D6.52 Iraq, 2003 [see also GD8.1]
- D6.52.1 Iraq Survey Group
- D6.53 Baluchistan, 2006
- D6.54 Lebanon 2006
- D6.55 Niger: internal CW, 2008
- **D6.56 Gaza, 2009

E: ARMS CONTROL AND DISARMAMENT

Subcategory E1: Existing anti-CBW regime

- E1.1 1925 Geneva protocol and antecedents
 - E1.1.1 1868 St Petersburg Declaration
 - E1.1.2 1899 Hague Gas Declaration
 - E1.1.3 1907 Hague Convention no IV
 - E1.1.4 World War I peace treaties
 - E1.1.5 1923 Washington Treaty no 2
- E1.2 World War II peace treaties and settlements
 - E1.2.1 1954 WEU treaty
 - E1.2.1.1 Implementation
 - E1.2.1.2 Antecedents and related
- E1.3 1972 Biological Weapons Convention
 - E1.3.1 Interpretations re toxins
 - E1.3.2 Domestic implementation
 - E1.3.3 First Review Conference, 1980
 - E1.3.4 Second Review Conference, 1986
 - E1.3.4.1 Spring 1987 Experts meeting
 - E1.3.5 The agreed Confidence Building Measures
 - E1.3.5.1 Disclosures under the 1986/87 CBMs
 - E1.3.5.2 Disclosures under the 1991 CBMs
 - E1.3.6 Proposals
 - E1.3.6.1 BWC/CWC convergence
 - E1.3.6.2 Article X matters
 - E1.3.6.3 Sanctions
 - E1.3.6.4 National Implementation
 - E1.3.6.5 International BWC Organization
 - E1.3.6.6 Export control and other Art III concerns
 - E1.3.6.7 Unusual outbreaks of disease
 - E1.3.6.8 Codes of conduct &c
 - E1.3.7 Third Review Conference, 1991
 - E1.3.7.1 Ad Hoc Group on Verification (VEREX)

- E1.3.8 Other Confidence Building Measures
 - E1.3.8.1 [Biesenthal Vaccine Initiative: now F2.2.1.20 ProCEID]
- E1.3.9 Verification studies
 - E1.3.9.1 Practice inspections
- E1.3.10 Controlling BW: proliferation constraints &c
- E1.3.11 Special Conference, 1994
 - E1.3.11.1 Ad Hoc Group
- E1.3.12 Fourth Review Conference (1996)
- E1.3.13 Fifth Review conference (2001-2002)
 - E1.3.13.1 New process
 - **E1.3.13.2 Tokyo Seminar, February 2006
- E1.3.14 Sixth Review Conference (2006)
 - E1.3.14.1 Intersessional Process
 - E1.3.14.2 Implementation Support Unit
- **E1.3.15 Seventh Review Conference (2011)
- E1.4 Alleged violations
 - E1.4.1 CBW-use reports, current year only
 - E1.4.2 BWC noncompliance
 - E1.4.2.1 Allegations of US non-compliance
 - E1.4.2.2 Allegations of Soviet/Russian non-compliance
 - E1.4.2.2.1 The Sverdlovsk anthrax
 - E1.4.2.2.2 Bilateral/trilateral talks/inspections
 - E1.4.2.3 Current-year only
 - E1.4.2.4 Cuban Thrips allegation 1997
- E1.5 1977 Enmod Convention
- E1.6 1977 Additional protocols
 - E1.6.1 Legal review of new weapons obligation
- E1.7 1980 Conventional weapons convention
- E1.8 Customary law
- E1.9 Juridical texts
- E1.10 1993 Chemical Weapons Convention
 - E1.10.1 Industry attitudes
 - E1.10.2 UN attitudes
 - E1.10.3 Statements on verifiability
 - E1.10.4 Verification aspects

E1.10.4.1	Expansion of Schedules
E1.10.4.2	Role of new technology
E1.10.4.3	Confidentiality
E1.10.4.4	Challenge Inspection
E1.10.5	Technical Co-operation aspects
E1.10.5.1	Trade
E1.10.6	Assistance aspects
E1.10.7	Environmental aspects
E1.10.8	CWC as model
E1.10.9	Implementation aspects of the General Purpose Criterion

Subcategory E2: Future anti-CBW regime

E2.1	Objectives
E2.1.1	Global CW disarmament
E2.1.1.1	Scope of projected CWC
E2.1.1.1.1	Definitions
E2.1.1.1.2	Teargases and herbicides
E2.1.1.1.3	Subsuming use
E2.1.1.1.4	Subsuming capability
E2.1.1.1.5	Anti-CW protection
E2.1.1.1.6	Transfers & trade
E2.1.1.1.7	Binary munitions
E2.1.1.1.8	Precursors
E2.1.1.1.9	Toxicity criteria
E2.1.1.1.10	Adjuvants
E2.1.1.2	International organisation
E2.1.1.2.1	Models
E2.1.1.2.1.1	WEU
E2.1.1.2.1.2	IAEA
E2.1.1.2.1.3	Narcotics control
E2.1.1.2.1.4	UNEP (Stockholm POP Treaty)
E2.1.1.2.1.4.1	Biodiversity
E2.1.1.2.1.4.2	Cartagena Biosafety Protocol
E2.1.1.2.1.5	London Suppliers Club

E2.1.1.2.1.6	Euratom
E2.1.1.2.1.7	OECD Chemicals Programme (Rotterdam PIC Treaty)
E2.1.1.2.1.8	CoCom
E2.1.1.2.1.9	Basel Convention
E2.1.1.2.2	National organs
E2.1.1.2.2.1	Potential
E2.1.1.2.3	International organ
E2.1.1.2.3.1	Consultative committee
E2.1.1.2.3.2	Inspectorate
E2.1.1.2.3.2.1	Training inspectors
E2.1.1.2.3.3	Scientific council
E2.1.1.2.4	Underdevelopment issues
E2.1.1.2.5	Promoting universality
E2.1.1.3	Safeguards
E2.1.1.3.1	Compliance assuring measures
E2.1.1.3.1.1	Verification
E2.1.1.3.1.1.1	Verification tasks
E2.1.1.3.1.1.1.1	Stockpile destruction verification
E2.1.1.3.1.1.1.2	Non-production verification
E2.1.1.3.1.1.1.3	Permitted production verification
E2.1.1.3.1.1.1.4	Factory destruction verification
E2.1.1.3.1.1.1.5	Use verification
E2.1.1.3.1.1.1.6	Non-development verification
E2.1.1.3.1.1.2	Verification techniques
E2.1.1.3.1.1.2.1	On site inspection
E2.1.1.3.1.1.2.1.1	Forms of OSI accepted by USSR
E2.1.1.3.1.1.2.2	Near site inspection
E2.1.1.3.1.1.2.3	Aerial surveillance
E2.1.1.3.1.1.2.4	National intelligence
E2.1.1.3.1.1.2.5	Materials accountancy
E2.1.1.3.1.1.2.6	Literature surveillance
E2.1.1.3.1.1.2.7	Air monitoring
E2.1.1.3.1.1.3	Verification tools
E2.1.1.3.1.1.3.1	Sampling technique
E2.1.1.3.1.1.3.2	Instrumentation

E2.1.1.3.1.1.3.2.1	ReCoVer
E2.1.1.3.1.1.3.3	Data-base
E2.1.1.3.1.1.3.4	Sample analysis
E2.1.1.3.1.2	Declarations
E2.1.1.3.1.3	Second-order verification
E2.1.1.3.1.4	Other confidence building measures
E2.1.1.3.1.4.1	Technical Exchange Visits
E2.1.1.3.1.4.2	Data-sharing
E2.1.1.3.1.4.3	Assistance
E2.1.1.3.1.4.4	Original signatories
E2.1.1.3.1.4.5	Protocol-reservations withdrawal
E2.1.1.3.1.5	Verification by challenge
E2.1.1.3.1.5.1	Ad hoc verification
E2.1.1.3.1.5.2	Practice challenge inspections(PCIs)
E2.1.1.3.2	What after verification?
E2.1.1.3.2.1	Guarantees
E2.1.1.3.2.2	Sanctions
E2.1.1.4	Favourable inequalities [incl FRODs, signatures &c]
E2.1.1.4.1	Fingerprint notion
E2.1.1.4.2	Negative proof
E2.1.1.4.3	Plant memory
E2.1.1.5	Special issues
E2.1.1.5.1	Destruction of stocks
E2.1.1.5.2	Extraterritoriality, jurisdiction and control
E2.1.1.5.3	Pause, and security stocks
E2.1.1.5.4	Generic vs specific
E2.1.1.5.5	Thresholds
E2.1.1.5.6	Confidentiality
E2.1.1.5.7	Updating and amendment
E2.1.1.5.8	Dual-purpose facilities
E2.1.1.5.9	Implementation costs
E2.1.1.6	Enforcement
E2.1.2	Regional measures
E2.1.2.1	Central Euro-CWFZ
E2.1.2.1.1	Inter-German talks

E2.1.2.2	Balkan CWFZ
E2.1.2.3	Pacific
E2.1.2.4	Middle East
E2.1.2.5	Latin America
E2.1.2.6	South Asia
E2.1.2.7	Korean peninsular
E2.1.3	Geneva Protocol supplementary measures
E2.1.3.1	Paris conference, 1989
E2.1.4	CBW proliferation constraints
E2.1.4.1	Australia Group
E2.1.4.2	CW/NPT
E2.1.4.3	CMEA export controls
E2.1.4.4	US-Soviet Bern bilaterals
E2.1.4.5	Intangible-technology controls
E2.1.5	Quantitative and other partial measures for CW weapons
E2.1.6	Strengthening the BWC
E2.1.6.1	Industry concerns
E2.1.6.2	Biosecurity Convention
E2.1.6.3	Codes of conduct
E2.1.6.4	Investigating allegations of use
E2.1.6.5	UNSG Bioforum
E2.1.7	WMD constraints
E2.1.7.1	UNSCR 1540 (2004), et al
E2.1.8	International criminalisation of CBW
E2.1.9	Strengthening the CWC
E2.1.9.1	Proposals for First Review
E2.1.9.2	Codes of Conduct
**E2.1.9.3	For 'biochemical' weapons
E2.2	National positions and initiatives
E2.2(AUS)	Australia
E2.2(AUS)2	Intragovernmental
E2.2(FIN)	Finland
E2.2(FIN)1	CD site visit, 1981
E2.2(FRA)	France
E2.2(FRG)	FR Germany

E2.2(FRG)1	CD site visits, 1979 & 1984
E2.2(FRG)2	Intragovernmental
E2.2(NET)	Netherlands
E2.2(NET)1	CD site visit, 1986
E2.2(NOR)	Norway
E2.2(SOV)	Soviet Union
E2.2(SOV)1	CD site visit, 1987
E2.2(SOV)2	Intragovernmental
E2.2(SWE)	Sweden
E2.2(UK)	United Kingdom
E2.2(UK)1	CD site visit, 1979
E2.2(USA)	United States
E2.2(USA)1	CD site visit, 1983
E2.2(USA)2	Intragovernmental
E2.2(USA)2.1	Intragovernmental studies
E2.2(USA)2.1.1	MRI contract studies
E2.2(USA)2.1.2	Other contract studies
E2.2(USA)2.2	Legislature
E2.2(USA)3	Counterproliferation [eliminated in favour of C3(USA)E3]
E2.3	Intergovernmental talks and contacts
E2.3.1	Geneva Disarmament Conference (CD)
E2.3.1.1	CD progress reports
E2.3.1.2	Analysis of key proposals
E2.3.1.3	Subsidiary bodies
E2.3.2	Bilateral USA-USSR talks
E2.3.2.1	The 1989 Wyoming MoU and its implementation
E2.3.2.2	The Washington Agreement (1990)
E2.3.3	Regional talks
E2.3.3.1	European
E2.3.3.1.1	Trilateral FRG, GDR & CSR talks
E2.3.3.2	Australian initiative
E2.3.3.3	Indo-Pakistani
E2.3.3.4	Latin American
E2.3.3.4.1	The Mendoza Commitment (1991)
E2.3.3.5	Middle East peace process

E2.3.3.6	Korean
E2.3.3.7	Sino-Japanese
E2.3.4	CWC signature
E2.3.4.1	First CWC Review Conference
E2.3.5	OPCW Preparatory Commission
E2.3.5.1	Issues
E2.3.5.1.1	Chemical industry
E2.3.5.1.2	CWPF conversion
E2.3.5.1.3	Inspection modalities
E2.3.6	League of Nations Disarmament Conference
E2.3.7	Organization for the Prohibition of Chemical Weapons
E2.3.7.1	National contributions
E2.3.7.1.1	Declaration
E2.3.7.2	Training courses
E2.3.7.3	Executive Council
E2.3.7.4	Information policy and security
E2.3.7.5	Intelligence
E2.3.7.6	Inspections
E2.3.7.7	Conversions
E2.3.7.8	Conference of the States Parties
E2.3.7.8.1	First CWC Review Conference
E2.3.7.8.2	Second CWC Review Conference
E2.3.7.9	Scientific Advisory Board
E2.3.7.10	Chemical terrorism
E2.3.8	[Technical exchange visits, including PCI] file now integrated into E2113141
E2.3.9	Commentary and analysis
E2.3.9.1	Specialist commentary
E2.3.9.2	Press coverage
E2.3.9.3	Outstanding issues
E2.3.9.4	Current-year position shifts
**E2.3.9.5	OPCW transition post-'2012'
E2.4	Activities of international organizations
E2.4.1	Governmental
E2.4.1.1	UNSOD-3

E2.4.1.2	UN Human Rights Commission
E2.4.1.3	UNIDIR
E2.4.1.4	UN Postal Administration
E2.4.1.5	UNCED
E2.4.1.6	WHO
E2.4.1.7	ICGEB
E2.4.1.8	UN Secretariat
E2.4.1.9	IOMC
E2.4.2	Non-governmental
E2.4.2.1	ICRC
E2.4.2.2	Pugwash
E2.4.2.3	SIPRI
E2.4.2.4	WFSW
E2.4.2.5	WILPF
E2.4.2.6	IUPAC
E2.4.2.7	Amaldi Conference
E2.4.2.8	World Federation of Scientists
E2.5	Linkage
E2.6	Opponents
E2.7	Implementation of CWC
E2.7.1	Domestic legislation
E2.7.2	National Authority
E2.8	CW arms control research
E2.9	Civil society

F: SPECIAL TOPICS

Subcategory F1: New history

Subcategory F2: Psychological, societal and cultural factors

- F2.1 CBW alarmism
 - F2.1.1 AIDS stories
 - F2.1.2 CBW and black propaganda (disinformation)
- F2.2 CBW and non-governmental organisations/QANGOs
 - F2.2.1 International NGOs
 - F2.2.1.1 WFSW
 - F2.2.1.2 Pugwash
 - F2.2.1.3 SIPRI
 - F2.2.1.4 QUNO
 - F2.2.1.5 Scientologists
 - F2.2.1.6 Amnesty International
 - F2.2.1.7 WILPF
 - F2.2.1.8 Greenpeace
 - F2.2.1.9 IPPNW
 - F2.2.1.10 Medecins sans Frontieres
 - F2.2.1.11 Medecins du Monde
 - F2.2.1.12 SANA
 - F2.2.1.13 Int Center for Disarmament & Conversion
 - F2.2.1.14 Parliamentarians for Global Action
 - F2.2.1.15 International Center for Support of the CWC
 - F2.2.1.16 ICEF
 - F2.2.1.17 Helsinki Watch
 - F2.2.1.18 INES
 - F2.2.1.19 Green Cross International
 - F2.2.1.20 VfP, BVI, ProCEID, AllAID
 - F2.2.1.21 Human Rights Watch
 - F2.2.1.22 World Medical Association

F2.2.1.23	International Action Center
F2.2.1.24	BASIC
F2.2.1.25	Pax Christi International
F2.2.1.26	Third World Network
F2.2.1.27	BWPP
F2.2.1.28	KIMO
F2.2.1.29	NDA Bioterrorism Report Group Security Defence Agenda
F2.2.1.30	International Council for the Life Sciences (ICLS)
F2.2.1.31	Geneva Forum
F2.2.1.32	NGO Committee on Disarmament
**F2.2.1.33	European Bio Safety Association (EBSA)
F2.2.2	National NGOs
F2.2.2(AUS)	Australia
F2.2.2(AUS)1	CARPET
F2.2.2(CAN)	Canada
F2.2.2(FRA)	France
F2.2.2(FRA)1	CSDN
F2.2.2(FRA)2	Cesim
F2.2.2(FRG)	FR Germany
F2.2.2(FRG)1	Bundesverband gegen Giftgas
F2.2.2(FRG)2	DGB
F2.2.2(FRG)3	Frieden-Naturwissenschaftler-initiative e.v
F2.2.2(FRG)4	Gesellschaft fur bedrohte Volker
F2.2.2(FRG)5	BICC
F2.2.2(FRG)6	HSFK/PRIF
F2.2.2(FRG)7	Sunshine project
F2.2.2(FRG)7.1	NLW documentation work
F2.2.2(FRG)7.2	Bioweapons and Biodefense FoI Fund
F2.2.2(FRG)8	Hamburg BIOGUM
F2.2.2(GDR)	German Democratic Republic
F2.2.2(GDR)1	KfwFSFA
F2.2.2(IND)	India
F2.2.2(IRA)	Iran
F2.2.2(ISR)	Israel
F2.2.2(ITA)	Italy

F2.2.2(JAP)	Japan
F2.2.2(RUS)	Russia
F2.2.2(RUS)1	Carnegie Moscow Center
F2.2.2(RUS)2	PIR Center
F2.2.2 (SWI)	Switzerland
F2.2.2(UK)	United Kingdom
F2.2.2(UK)1	Scientists Campaign (1980-2)
F2.2.2(UK)2	Working Party on CB Weapons(1982 on)
F2.2.2(UK)3	British Medical Association
F2.2.2(UK)4	Committee of 100, and CND
F2.2.2(UK)5	Anti-vivisectionists
F2.2.2(UK)6	Campaign Against CBW
F2.2.2(UK)7	Royal Society of Chemistry
F2.2.2(UK)8	National Peace Council
F2.2.2(UK)9	Medical Association for the Prevention of War
F2.2.2(UK)10	Royal Society
F2.2.2(UK)11	Lancaster University CDISS
F2.2.2(UK)12	Wilton Park Conferences
F2.2.2(UK)13	Bradford University DPS
F2.2.2(UK)14	SaferWorld
F2.2.2(UK)15	ISIS
F2.2.2(UK)16	VERTIC
F2.2.2(UK)17	IISS
F2.2.2(UK)18	GeneWatch (UK)
F2.2.2(UK)19	Omega Foundation
F2.2.2(UK)20	Acronym Institute
F2.2.2(UK)21	Institute of Biology
F2.2.2(UK)22	UK Genetics Forum
F2.2.2(UK)23	Surrey University
F2.2.2(UK)24	Oxford Research Group
F2.2.2(UK)25	Royal Institute of International Affairs (Chatham House)
F2.2.2(UK)26	CREES Birmingham
F2.2.2(UK)27	Scientists for Global Responsibility
F2.2.2(UK)28	Porton Down Veteran's Support Group
F2.2.2(UK)29	BIOS Centre (LSE)

F2.2.2(UK)30	Institute for Public Policy Research
F2.2.2(USA)	United States
F2.2.2(USA)1	FAS
F2.2.2(USA)1.1	Working Group on BW Verification
F2.2.2(USA)1.2	ProMED
F2.2.2(USA)1.3	Collaboration Project on the Biological Sciences
F2.2.2(USA)2	The Nerve Centre
F2.2.2(USA)3	COMBAT
F2.2.2(USA)4	NARMIC
F2.2.2(USA)5	Union of Concerned Scientists
F2.2.2(USA)6	Council for Responsible Genetics
F2.2.2(USA)7	Physicians for Human Rights
F2.2.2(USA)8	Foundation on Economic Trends
F2.2.2(USA)9	AAAS
F2.2.2(USA)10	Council for a Livable World
F2.2.2(USA)10.1	Center for Arms Control & Non-Proliferation
F2.2.2(USA)10.1.1	ACC Scientists Working Group on BC Weapons
F2.2.2(USA)11	Council on Economic Priorities
F2.2.2(USA)12	Heritage Foundation
F2.2.2(USA)13	American Society for Microbiology
F2.2.2(USA)14	Committee for National Security
F2.2.2(USA)15	Stimson Center
F2.2.2(USA)15.1	Poison Gas Task Force
F2.2.2(USA)16	Common Ground
F2.2.2(USA)17	Chemical Weapons Working Group
F2.2.2(USA)18	Military Toxics Project
F2.2.2(USA)19	CBACI
F2.2.2(USA)20	BENS
F2.2.2(USA)21	MIIS
F2.2.2(USA)22	CSIS
F2.2.2(USA)22.1	Strengthening the Global Partnership Project
F2.2.2(USA)23	Human Rights Watch
F2.2.2(USA)24	Center for Security Policy
F2.2.2(USA)25	Univ of Georgia: CITS
F2.2.2(USA)26	Potomac Institute

F2.2.2(USA)27	Carnegie Endowment
F2.2.2(USA)28	Cato Institute
F2.2.2(USA)29	Carnegie Commission on Preventing Deadly Conflict
F2.2.2(USA)30	Stanford CISAC
F2.2.2(USA)31	Johns Hopkins CCBS
F2.2.2(USA)32	20/20 Vision
F2.2.2(USA)33	Arms Control Association
F2.2.2(USA)34	CISSM
F2.2.2(USA)35	Center for Defense Information
F2.2.2(USA)36	DePaul Univ Law College IWCC
F2.2.2(USA)37	Nuclear Watch
F2.2.2(USA)38	Center for Biosecurity, Pittsburgh (UPMC)
F2.2.2(USA)39	GSI Bipartisan Security Group
F2.2.2(USA)40	RANSAC
F2.2.2(USA)41	Nuclear Threat Initiative (NTI)
F2.2.2(USA)42	Center for American Progress
F2.2.2(USA)43	Princeton Woodrow Wilson School
F2.2.2(USA)44	George Mason University biodefence programme
F2.2.2(USA)45	Peace and Security Initiative
F2.2.3	Individuals
F2.2.3.1	Participation lists etc
F2.2.3.2	Published memoirs
F2.2.4	Foundations supporting CBW studies
F2.3	CBW in fiction, drama and other literature
F2.4	The CBW taboo
F2.4.1	Morality and CBW
F2.4.1.1	CBW as humane warfare
F2.4.2	Social-science theory [formerly F2.7]
F2.5	CBW in education
F2.5.1	Academic studies
F2.6	CBW information sources [formerly F2.8]
F2.6.1	CBW misinformation
F2.6.2	Picture library
F2.6.3	Video library
F2.7	CBW disinformation [reconcile with F2.1.2]

- F2.8 Other Studies
- F2.8.1 Ethical issues

Subcategory F3: Human exposure to CBW agents

- F3.1 CBW accidents/incidents
 - F3.1.1 From Aum Shinrikyo
- F3.2 Human experimentation
- F3.3 Chronic sequelae
 - F3.3.1 Anti-personnel agents
 - F3.3.2 Herbicides
 - F3.3.2.1 In Viet Nam
 - F3.3.2.2 In USA
 - F3.3.2.3 In Australia
 - F3.3.2.4 In Brazil
 - F3.3.2.5 In South Korea

Subcategory F4: The Sverdlovsk anthrax

- #F4.1 Russian & emigre articles
- #F4.2 Non-Russian articles
- #F4.3 Maps and photographs
- #F4.4 Memos and notes
- #F4.5 Anthrax-Sverdlovsk news releases
 - #F4.5.1 March 1993
 - #F4.5.2 November 1994

Subcategory F5: Yellow Rain

- F5.1 Press and other reporting
- F5.2 US Government
 - F5.2.1 'Public diplomacy' releases, etc
 - F5.2.2 Congressional hearings
 - F5.2.3 Scientific publications from defence/contractor labs
 - F5.2.4 Administration papers
 - F5.2.4.1 Freedom of Information Act releases

- F5.3 Non-US governments
- F5.4 Intergovernmental organizations
- F5.5 Contextual information
- F5.6 Dark side

Subcategory F6: Elimination of CBW-weapons capability

- F6.1 Demil/detox of CW munition/agents [inc FUDS,abandoned stocks, war remnants, &c]
 - #F6.1A Chem-demil technology
 - #F6.1B Steven Harvey-Edgewood general
 - F6.1.1 USA
 - F6.1.1.1 RAJEP
 - F6.1.2 Other countries [separate folders for Adriatic, Australia, Austria, Baltic, Belgium, Canada, China, France, Germany, Italy, Japan, Netherlands, New Zealand, South Africa, United Kingdom and USSR].
 - #F6.1.2.17 Soviet Union
 - #F6.1.2.18 Canada
 - #F6.1.2.19 Germany
 - #F6.1.2.20 UK
- F6.2 Production-plant elimination
- F6.3 Safety considerations
- F6.4 BW Conversion

Subcategory F7: Ethnic weapons

Subcategory F8: Poisoned arrows etc

Subcategory F9: The chemical industry

- F9.1 Production data
 - F9.1.1 Production of CW-agent precursors
- F9.2 Phosphorus sector
 - F9.2.1 Commercial alkyl-P compounds
- F9.3 Agrochemicals sector

- F9.3.1 Pesticides
- F9.3.2 Herbicides vs. drugs
- F9.4 Pharmaceuticals sector
 - F9.4.1 Veterinary drugs
 - F9.4.2 Drug scene
- F9.5 Biotechnology
 - F9.5.1 Genetic engineering
 - F9.5.2 Commercial confidentiality concerns
 - F9.5.3 Regulation
- F9.6 Accidents
 - F9.6.1 Seveso, 1976
 - F9.6.2 Bhopal disaster, 1984
 - F9.6.3 Sandoz/Rhine, 1986
 - F9.6.4 Jonava, 1989
- F9.7 CWC-relevant features
 - F9.7.1 Governmental controls
 - F9.7.1.1 Export controls
 - F9.7.1.2 Sanctions legislation
 - F9.7.1.3 Import controls
 - F9.7.2 Attitudes towards CWC-negotiations
 - F9.7.2.1 Stockholm meeting, Oct 1985
 - F9.7.2.2 International Industry Forum
 - F9.7.2.2.1 Pre-IIF meetings
 - F9.7.2.3 Canberra Conference 1989, GICCW
 - F9.7.2.4 Trades Union attitudes
 - F9.7.3 Plant safety design
 - F9.7.3.1 Plant vulnerability
 - F9.7.4 Waste disposal practices
 - F9.7.5 Sensitive technology
- F9.8 Research and information sources
- F9.9 Other dual-purpose chemicals
 - F9.9.1 Production intermediates
 - F9.9.2 Military chemicals
 - F9.9.3 Commercial STLCS
 - F9.9.4 TICs/TIMs

- F9.10 Projected CWC implementation controls
- F9.10.1 National trial inspections (NTIs)
- F9.10.2 Multilateral trial inspections (MTIs)
- F9.11 Chemical and biological industry associations

Subcategory F10: CBW business

- F10.1 Manufacturers of CW weapons
- F10.2 Companies implicated in CW weapons acquisition
 - F10.2.1 Europe
- F10.3 CW arms trade
- F10.4 Chemdemil
- F10.5 CWC Compliance Support
- F10.6 CBW antiterrorism
- F10.7 Trade in bio agents
- F10.8 BW vaccines and drugs

Subcategory F11: Leads

Subcategory F12: Spinoff and Spinon

- F12.1 Spinon technology and other escalators
- F12.2 Dual-use biotechnology
 - F12.2.1 Select agent control
 - F12.2.2 Offence/defence
 - F12.2.3 Adverse impacts of dual-use control and wider biodefence measures

Subcategory F13: CBW aspects of Kuwait crisis

- F13.1 Background
- F13.2 UN Special Commission
 - F13.2.1 Nuclear work
 - F13.2.2 Chemical & biological work

- F13.2.3 Missiles & supergun work
- F13.3 WHO activities prior to UNSCOM

#Subcategory F14: Military herbicides

Subcategory F15: Disabling chemicals

- F15.1 International law and disabling chemicals
 - F15.1.1 1993 Chemical Weapons Convention
 - F15.1.1.1 Negotiating history
 - F15.1.1.2 Interpretations
 - F15.1.2 Juridical texts
- F15.2 National policy on disabling chemicals
 - F15.2.1 USA
 - F15.2.1.1 Policy prior to Executive Order 11850 (of 8 Apr 75)
 - F15.2.1.2 Genesis of EO 11850
 - F15.2.1.3 Policy since EO 11850
 - F15.2.1.4 Weapons acquisition
 - F15.2.1.5 Legal Reviews
 - F15.2.2 UK
- F15.3 Use of disabling chemicals
 - F15.3.1 Domestic use
 - F15.3.2 Non-domestic use
 - F15.3.2.1 Vietnam War
 - F15.3.2.2 Mayaguez affair (May 1975)
 - F15.3.2.3 Somalia
 - F15.3.2.4 Bosnia
 - F15.3.3 Concepts and doctrine-development
- F15.4 Development of disabling chemicals
 - F15.4.1 Agencies
 - F15.4.1.1 US Dept of Justice
 - F15.4.1.2 US Dept of Defense
 - F15.4.1.3 UK Home Office
 - F15.4.1.4 UK Ministry of Defence

- F15.4.1.5 Private corporations
- F15.4.1.6 In the USSR/Russia
- F15.4.1.7 In Israel
- F15.4.1.8 In Germany
- F15.4.2 Emerging technology
 - F15.4.2.1 Applicable research
 - F15.4.2.2 Emergent law-enforcement technology
 - F15.4.2.3 Emergent military technology
- F15.5 UK state papers
- F15.6 US state papers
 - F15.6.1 JCS 1837 series
 - F15.6.2 Army Department
 - F15.6.3 Cable traffic (Vietnam War)
- F15.7 Non-lethal warfare concepts
 - F15.7.1 Antimateriel chemical and biological weapons
 - F15.7.2 Malodorants
 - F15.7.3 Acid attacks
- F15.8 Constraints

Subcategory F16: Criminalization of CBW

- F16.1 General
 - F16.1.1 Textbooks
 - F16.1.2 Press coverage
 - F16.1.3 Concept of crimes against humanity
- F16.2 International aspects
 - F16.2.1 The existing treaties
 - F16.2.1.1 Maritime
 - F16.2.1.2 Torture
 - F16.2.1.3 Nuclear
 - F16.2.1.4 Hostages
 - F16.2.1.5 Protected persons
 - F16.2.1.6 Aircraft
 - F16.2.1.7 Geneva Convention
 - F16.2.1.8 Hague Convention

F16.2.2	Negotiations
F16.2.2.1	Permanent International Criminal Court
F16.2.2.1.1	ICC Preparatory Commission
F16.2.2.2	Anti-terrorism measures [see also E2.1.7.1, Res 1540]
F16.2.2.2.1	G7/P8 bomb convention [previously F16.2.2.2]
F16.2.2.3	Indictment and trial of Saddam Hussein and associates
F16.2.3	Tribunals
F16.2.3.1	War Crimes (Former Yugoslavia)
F16.2.3.2	ICC
F16.3	National aspects
F16.3(Iran)	Iran
F16.3(UK)	UK
F16.3(USA)	USA
F16.3(USA)1	Statutes [including prior legislative process]
#F16.3(USA)1.1	Maritime
#F16.3(USA)1.2	Torture
#F16.3(USA)1.3	Nuclear
#F16.3(USA)1.4	Hostages
#F16.3(USA)1.5	Protected persons
#F16.3(USA)1.6	Aircraft
F16.3(USA)1.7	CBW treaty statutes
F16.3(USA)2	Case law
F16.4	Individuals
F16.4.1	Jurists
F16.4.2	Students

Subcategory F17: Conspiracies

Subcategory F18: Organised crime and WMD

G: RELATED TOPICS

Subcategory GA: Scientific topics

GA.1	Mathematics
GA.1.1	Computers
GA.2	Physics
GA.2.1	Holography
GA.2.2	Luminescence
GA.2.3	Magnus effect
GA.2.4	Microfluidics
GA.3	Chemistry
GA.3.1	Materials
GA.3.2	Colloid systems
GA.3.3	Computer simulated chemistry
GA.3.4	Development
GA.3.5	Forensic
GA.3.6	Nanotechnology
GA.3.7	Combinatorial chemistry
GA.3.8	Chemical risk assessment
GA.3.9	Electrochemistry
GA.4	Biology
GA.4.1	Plant diseases
GA.4.2	Epidemiology
GA.4.3	Immunology
GA.4.4	Pathogenicity
GA.4.5	Biotechnology
GA.4.5.1	Genetic engineering
GA.4.5.2	Biotechnology: regulation
GA.4.5.3	Gene therapy
GA.4.5.4	Genomics (incl Human Genome Project)
GA.4.5.5	Molecular farming
**GA.4.5.6	Biohacking
GA.4.6	Pests
GA.4.7	Animal diseases
GA.4.8	Proteomics
GA.4.9	Exobiology
GA.4.10	Synthetic Biology

GA.5	Energy
GA.5.1	Nuclear power
GA.5.1.1	Nuclear fuel
GA.5.1.1.1	Uranium
GA.5.1.1.1.1	Enriched uranium
GA.5.1.1.2	Plutonium
GA.5.1.1.2.1	Plutonium disposition/recycling
GA.5.1.1.3	Reprocessing
GA.5.1.1.3(FRA)	In France
GA.5.1.1.3(JAP)	In Japan
GA.5.1.1.3(RUS)	In Russia
GA.5.1.1.3(UK)	In the United Kingdom [THORP &c]
GA.5.1.2	Nuclear-reactor (and associated) accidents
GA.5.1.2.1	Windscale, 1957
GA.5.1.2.2	Kyshtym, 1957
GA.5.1.2.3	Three Mile Island, 1979
GA.5.1.2.4	Chernobyl, 1986
GA.5.1.2.5	Tokaimura, 1999
GA5.1.3	Peaceful nuclear explosives
GA.5.2	Radiation
GA.5.2.1	Biological effects of electromagnetic radiation
GA.6	Medicine
GA.6.1	Physiology
GA.6.1.1	Heat regulation and stress
GA.6.2	Pharmacology and toxicology
GA.6.2.1	Long-term toxicity
GA.6.2.1.1	Mutagenicity
GA.6.2.2	Inhalation toxicology
GA.6.2.3	Ecopharmacology
GA.6.2.4	Toxicological data sources
**GA.6.2.5	Neuroscience
GA.6.3	Military medicine and surgery
GA.6.4	Clinical medicine
GA.6.4.1	Medically unexplained symptoms
GA.6.4.2	Immunization programmes

- GA.7 Environmental topics
 - GA.7.1 Environmental impact analysis
 - GA.7.2 Environmental impacts of toxic chemicals, etc
 - GA.7.2.1 From nuclear-power facilities
 - GA.7.3 Environmental impacts of warfare
 - GA.7.3.1 Stockholm meeting, 25 May 1981
 - GA.7.3.2 Environmental impacts of the military
 - GA.7.4 Ecosystem dynamics
 - GA.7.4.1 Forests and deforestation
 - GA.7.4.2 Desertification and UNCOD
 - GA.7.5 Demographic data
 - GA.7.6 Biological control
 - GA.7.7 Meteorology
 - GA.7.7.1 Weather forecasting
 - GA.7.8 Global warming and climate change
 - **GA.7.9 Disaster management and consequences
- GA.8 Social sciences
 - GA.8.1 Political science
 - GA.8.1.1 International relations
 - GA.8.1.2 Human security incl human nature
 - GA.8.2 Military history and related historiographical problems
 - GA.8.3 Technology studies
 - GA.8.4 History and social studies of science
 - GA.8.5 Risk analysis and management [see also GA3.8]
 - GA.8.5.1 Precautionary principle
- GA.9 Law
 - GA.9.1 International law
 - GA.9.1.1 Vienna Convention
 - GA.9.1.2 Law of warfare
 - **GA.9.1.2.1 Private military contractors
 - GA.9.1.3 Universal jurisdiction
 - GA.9.1.4 International Criminal Law and Court
 - GA.9.1.5 1988 SUA Convention and Protocol
 - GA.9.1.6 Biodiversity law
 - GA.9.2 Patent law and practice

SUBCATEGORY GB: MILITARY TOPICS

- GB.1 Military science and technology
 - GB.1.1 Military electronics
 - GB.1.1.1 Military robotics (incl UAVs)
 - GB.1.2 Weapons delivery systems
 - GB.1.2(USA) US delivery systems
 - GB.1.2(SOV) Soviet delivery systems
 - GB.1.2.1 Artillery
 - GB.1.2.1.1 Multiple rocket launchers
 - GB.1.2.1.2 Cannon
 - GB.1.2.1.3 Unguided missiles
 - GB.1.2.2 Aircraft
 - GB.1.2.3 Guided missiles
 - GB.1.2.4 Balloons
 - GB.1.3 Nuclear weapons/designs
 - GB.1.3.1 Consequences of nuclear warfare
 - GB.1.3.2 Effects of nuclear weapons
 - GB.1.3.3 Home-made nuclear devices
 - GB.1.3.4 Historical
 - GB.1.3.5 Proliferation
 - GB.1.3.6 Protection/hardening
 - GB.1.3.7 Enhanced radiation weapons
 - GB.1.3.8 Nuclear futures
 - GB.1.4 Radiological weapons
 - GB.1.5 Conventional weapons
 - GB.1.5.1 Weapons for specific roles
 - GB.1.5.1.1 Antitank weapons
 - GB.1.5.1.1(WTO) WTO antitank weapons
 - GB.1.5.1.1(NATO) NATO antitank weapons
 - GB.1.5.1.1.1 Tanks as antitank weapons
 - GB.1.5.1.2 Airfield attack weapons
 - GB.1.5.1.3 Aircraft armament
 - GB.1.5.1.3.1 Specific data

GB.1.5.1.3.2	Aerial multiple rocket launchers
GB.1.5.1.4	Artillery munitions
GB.1.5.1.4.1	Improved conventional munitions
GB.1.5.1.5	Infantry weapons
GB.1.5.1.5.1	Assault rifles
GB.1.5.1.5.2	Infantry area weapons
GB.1.5.1.6	Area denial weapons
GB.1.5.1.7	Anti-aircraft and anti-missile weapons
GB.1.5.1.8	Naval weapons
GB.1.5.2	Target acquisition & guidance technology
GB.1.5.2.1	PGM technology
GB.1.5.2.1.1	Politico-military aspects
GB.1.5.2.1.2	Smart bombs and related
GB.1.5.2.1.3	In the 1973 Arab-Israeli war
GB.1.5.3	Warhead technology
GB.1.5.3.1	Flame and incendiary weapons
GB.1.5.3.2	Smoke
GB.1.5.3.3	Explosives
GB.1.5.3.3.1	Fuel-air explosives
GB.1.5.3.3.2	Stun grenades
GB.1.5.3.4	Fragmentation [including DU]
GB.1.5.3.5	Multipurpose munitions
GB.1.5.3.6	Cluster munitions
GB.1.5.3.7	Earth penetrators
GB.1.5.3.8	Fuzes
GB.1.5.4	Target effects
GB.1.5.4.1	Wound ballistics
GB.1.5.4.2	Specific data
GB.1.5.4.3	Lethality index
GB.1.5.5	Vietnam War data
GB.1.5.6	Proliferation of advanced technology
GB.1.5.6.1	Iraqi supergun
GB.1.6	Future weapons?
GB.1.6.1	Laser weapons
GB.1.6.2	Particle-beam weapons

- GB.1.6.3 Information-warfare technology
- GB.1.6.4 Microwave weapons
- GB.1.7 Antimaterial chemical/biological weapons
- GB.1.8 Military pyrotechnics and propellants
- GB.1.9 Protective technologies
 - GB.1.9.1 Stealth technologies
- GB.2 Methods in defence analysis
 - GB.2.1 Games theory
 - GB.2.2 Systems analysis
 - GB.2.3 Cost-effectiveness analysis
- GB.3 Strategy and doctrine
 - GB.3.1 Nuclear war/deterrence theory
 - GB.3.1.1 Theatre nuclear warfare
 - GB.3.2 European theatre
 - GB.3.3 Impact of technical change on military doctrine
 - GB.3.4 Targeting doctrine
 - GB.3.5 Air warfare
 - GB.3.6 Revolution in Military Affairs
 - GB.3.7 Asymmetry
- GB.4 Force structure
- GB.5 Intelligence
 - GB.5.1 Threat assessment
- GB.6 Space
- GB.7 Demilitarization and conversion
 - GB.7.1 Nuclear weapons dismantlement
- GB.8 Peacekeeping/intervention
- GB.9 Terrorism and antiterrorism
 - GB.9.1 IEDs
 - GB.9.2 Radiological terrorism

SUBCATEGORY GC: COUNTRY TOPICS

- GC(ARG) Argentina
- GC(AUS) Australia
- GC(BRA) Brazil

GC(CHI)	China
GC(FRA)1	France: Administration
GC(FRA)2.1	Nuclear forces
GC(FRA)7	Intelligence
GC(FRG)	FR Germany
GC(GDR)	German Democratic Republic
GC(IND)	India
GC(IRA)	Iran
GC(IRQ)	Iraq
GC(ISR)	Israel
GC(JAP)	Japan
GC(LYA)	Libya
GC(NIG)	Nigeria
GC(KON)	North Korea
GC(NOR)	Norway
GC(PAK)	Pakistan
GC(RUS)	Russia
GC(SER)	Serbia
GC(SA)	South Africa
GC(KOS)	South Korea
GC(SOV)1	Soviet Union: Administration
GC(SOV)1.1	For Science and Technology
GC(SOV)2	Force structure
GC(SOV)2.1	Nuclear
GC(SOV)4	War theory & military doctrine
GC(SOV)5	Weapons acquisition process
GC(SOV)7	Intelligence
GC(SOV-f)	Former Soviet Union
GC(SWE)	Sweden
GC(SWI)	Switzerland
GC(Taiwan)	Taiwan
GC(UK)1	United Kingdom: Administration
GC(UK)1.1	Counterterrorism
GC(UK)2	Force structure
GC(UK)2.1	Nuclear forces

GC(UK)2.2	National Missile Defense
GC(UK)7	Intelligence
GC(UK)9	Arms control
GC(UKR)	Ukraine
GC(USA)1	United States: Administration
GC(USA)1.1	Classification policy
GC(USA)1.2	Organisation for R & D
GC(USA)1.3	ACDA
GC(USA)2	Force structure
GC(USA)2.1	Nuclear forces
GC(USA)2.2	National Missile Defense
GC(USA)3	Defence policy documents
GC(USA)3.1	Military manuals
GC(USA)5	Weapons acquisition process
GC(USA)5.1	Neutron bomb programme
GC(USA)6	Logistics
GC(USA)7	Intelligence
GC(USA)7.1	Project MEDEA
GC(USA)8	Directories
GC(USA)9	Arms control
GC(USA)9.1	Arms Control Impact Statements
GC(USA)9.2	Export control policy
GC(USA)9.2.1	Towards Iraq
GC2	International Organizations
GC2(EU)	European Union
GC2(NATO)	North Atlantic Treaty Organization
GC2(UN)	United Nations [formerly GC(UN)]
GC2(IOMC)	IOMC
GC2(ICGEB)	ICGEB

Subcategory GD: Conflict topics

GD.1	Falklands war, 1982
GD.1.1	Belgrano affair
GD.2	Arab-Israeli wars

- GD.2.1 Six Day War, 1967
- GD2.2 New Intifada, 2000
- GD.3 Northern Ireland
- GD.4 Kosovo war
- GD.4.1 “Balkans Syndrome”
- GD.5 Enforcement of the Iraqi no-fly zones
- GD.6 Operation Desert Fox
- GD7 The ixxi attacks (incl. Inquiry)
- GD7.1 War against Terrorism (incl. Guantanamo)
- GD7.1.1 CBW aspects
- GD.8 Invasion of Iraq: impending
- GD.8.1 Actual
- GD.8.2 UK Hutton Inquiry and its antecedents
- GD.8.3 UK Butler Inquiry
- GD.8.4 US Silberman-Robb Commission
- GD.8.5 Aftermath
- **GD.8.6 UK Chilcot Inquiry
- GD.9 Invasion of Iran: impending

Subcategory GE: Arms control topics

- GE.1 Arms control: theoretical and general
- GE.1.1 Technology and arms control
- GE.1.2 Verification theory
- GE.1.2(SOV)
- GE.1.3 Relevant analytical concepts
- GE.1.3.1 National Security
- GE.1.3.2 National Sovereignty
- GE.1.3.3 Human Security
- **GE.1.3.4 Non-state stakeholders (incl civil society)
- **GE.1.3.5 Secrecy
- GE.1.4 Bargaining chip concepts
- GE.1.5 Weapons CUSHIE
- GE.1.6 Dual technology
- GE.1.7 Expanded Cooperative Threat Reduction
- GE.1.8 Confidence Building Measures

- GE.1.9 Nuclear Disarmament
- GE.2 Arms control talks
 - GE.2.1 Bilateral USA/USSR [Russia]
 - GE.2.1.1 INF Treaty
 - GE.2.1.2 START
 - GE.2.2 Regional
 - GE.2.2.1 Open Skies Treaty
 - GE.2.2.2 Vienna Document
 - GE.2.3 Multilateral/global
 - GE.2.3.1 UNSSD
 - GE.2.3.2 Specific conventional weapons talks
 - GE.2.3.3 Comprehensive test ban
 - GE.2.3.4 New weapons of mass destruction
 - GE.2.3.5 Space
 - GE.2.3.6 Canberra Commission on the Elimination of Nuclear Weapons
 - GE.2.3.7 The international generals
 - GE.2.3.8 Tokyo Forum
 - GE.2.3.9 Blix Commission
- GE.3 Disarmament conspiracy
- GE.4 Technology transfer controls and nonproliferation policy
 - GE.4.1 Missile Technology Control Regime
 - GE.4.2 CoCom, Wassenaar Arrangement
 - GE.4.3 Nuclear
 - GE.4.3.1 Safeguards [incl IAEA, Euratom]
 - GE.4.3.2 NPT
 - GE.4.3.2.1 NPT extension
 - GE.4.3.3 Nuclear Suppliers Group
 - GE.4.3.4 INFCE
 - GE.4.3.5 International plutonium management
 - GE.4.3.6 Fissile cut-off
 - GE.4.4 Container Security Initiative
- GE.5 Compliance/non compliance/treaty violations
- GE.6 Negative security assurance
- GE.7 Verification technology
 - GE.7.1 Satellite imaging

- GE.8 Governmental arms-control institutions
- GE.9 Armament transparency

Subcategory GF: Special topics

- GF.1 Armament process
 - GF.1.1 Assimilation
 - GF.1.1.1 Assimilation: notes
 - GF.1.2 Armament process and disarmament
 - GF.1.3 Models of the arms race
- GF.2 The `Spy Dust' affair
- GF.3 Cameroon catastrophe, August 1986
- GF.4 Euthanasia/execution by poison
- GF.5 Propaganda and disinformation
- GF.6 Spanish toxic oil disaster
- GF.7 Nuclear theft and terrorism
- GF.8 Arms trade
 - GF.8.1 Clandestine supply of Iran
 - GF.8.2 UN Conventional Arms Register
- GF.9 Leads?
 - GF.9.1 Red Mercury
- GF.10 Quasinuclear weapons
- GF.11 Police weapons
- GF.12 Gladio
- GF.13 Toxicants and crime
- GF.14 Dual-use technology transfers
 - GF.14.1 Importers
 - GF.14.1.1 Iraq
 - GF.14.2 Exporters
 - GF.14.2.1 UK firms
 - GF.14.2.2 Scott Inquiry [holdings through 1996 in Interim Storage]
- GF.15 Individuals
- GF.16 Mystery illnesses
- GF.17 Holocaust
- GF.18 Information sources

GF.18.1	Internet [formerly GF.18]
GF.18.1.1	Electronic conferences [inc mail-lists]
GF.18.1.2	Websites
GF.18.2	Electronic data-bases
GF.18.2.1	Data-base documentation [formerly GF.19]
GF.18.2.2	Search engines &c
GF.19	Spider webs
GF.20	Disease and security
GF.21	Natural CBW

Subcategory GH: Documentary sources (non-CBW)

Subcategory GI: Author files (non-CBW)

H: DOCUMENTARY SOURCES

Subcategory H1: League of Nations and UN document series

- H1.1 League of Nations
 - H1.1.1 Temporary mixed commission
 - H1.1.2 Geneva Arms Trade Conference, 1925
 - H1.1.3 Preparatory Committee for the Disarmament Conference
 - H1.1.4 League Disarmament Conference
- H1.2 United Nations
 - H1.2.1 Economic and Social Council
 - H1.2.2 Security Council
 - H1.2.3 General Assembly
 - H1.2.4 Secretariat
 - H1.2.4.1 Daily lists of documents
 - H1.2.4.2 Press releases etc
 - H1.2.4.3 Expert groups
 - H1.2.5 Specialised agencies
 - H1.2.5.1 World Health Organisation
 - H1.2.5.2 UN Environment Programme
 - H1.2.6 Disarmament Commission
 - H1.2.7 UNSCOM/UNMOVIC
 - H1.2.8 UN University

Subcategory H2: Other inter-governmental document series

- H2.1 WEU
- H2.2 ENDC/CCD/CD
- H2.3 BWC
 - H2.3.1 First Review Conference (1980)
 - H2.3.2 Second Review Conference (1986)
 - H2.3.2.1 Ad Hoc Experts' meeting (1987)
 - H2.3.3 Third Review Conference (1991)
 - H2.3.3.1 VEREX first session

- H2.3.3.2 VEREX second session
- H2.3.3.3 VEREX third session
- H2.3.3.4 VEREX fourth session
- H2.3.4 Special Conference (1994)
 - H2.3.4.1 Ad Hoc Group first session (4-6Jan 1995)
 - H2.3.4.2 Ad Hoc Group second session (10-21Jul 1995)
 - H2.3.4.3 Ad Hoc Group third session (27Nov-8 Dec 1995)
 - H2.3.4.4 Ad Hoc Group fourth session (15-26July 1996)
 - H2.3.4.5 Ad Hoc Group fifth session (16-27 Sept 1996)
 - H2.3.4.6 Ad Hoc Group sixth session (3-21March 1997)
 - H2.3.4.7 Ad Hoc Group seventh session (3-21 March 1997)
 - H2.3.4.8 Ad Hoc Group eighth session (15 Sep - 3 Oct 1997)
 - H2.3.4.9 Ad Hoc Group ninth session (5-23 Jan 1998)
 - H2.3.4.10 Ad Hoc Group tenth session (9-13 March 1998)
 - H2.3.4.11 Ad Hoc Group eleventh session (22 June -10 July 1998)
 - H2.3.4.12 Ad Hoc Group twelfth session (14 Sept- 9 Oct 1998)
 - H2.3.4.13 Ad Hoc Group thirteenth session (4-22 Jan 1999)
 - H2.3.4.14 Ad Hoc Group fourteenth session (29 March-9 April 1999)
 - H2.3.4.15 Ad Hoc Group fifteenth session (28 June -23 July 1999)
 - H2.3.4.16 Ad Hoc Group sixteenth session (13 Sept - 8 Oct 1999)
 - H2.3.4.17 Ad Hoc Group seventeenth session (22 Nov-10 Dec 1999)
 - H2.3.4.18 Ad Hoc Group eighteenth session (17 Jan-4 Feb 2000)
 - H2.3.4.19 Ad Hoc Group nineteenth session (13-31 Mar 2000)
 - H2.3.4.20 Ad Hoc Group twentieth session (10 Jul – 4 Aug 2000)
 - H2.3.4.21 Ad Hoc Group twenty-first session (20 Nov – 8 Dec 2000)
 - H2.3.4.22 Ad Hoc Group twenty-second session (12.23 Feb 2001)
 - H2.3.4.23 Ad Hoc Group twenty-third session (23 April – 11 May 2001)
 - H2.3.4.24 Ad Hoc Group twenty-fourth session (23 Jul – 17 Aug 2001)
- H2.3.5 Fourth Review Conference (1996)
- H2.3.6 Fifth Review Conference (2001)
 - H2.3.6.1 The New Process
- H2.3.7 CBM returns
- H2.3.8 Sixth Review Conference (2006)
 - H2.3.8.1 Implementation Support Unit
 - H2.3.8.2 Intersessional process

- H2.4 NATO
- H2.5 GICCW Canberra, 1989
 - H2.5.1 GICCW Canberra 1989, workshop papers
 - H2.5.2 GICCW Canberra 1989, INFO/Series papers
 - H2.5.3 GICCW Canberra 1989, Plenary Papers
 - H2.5.4 GICCW Canberra 1989, Media Liaison Office
- H2.6 CWC
 - H2.6.1 Paris signature ceremony, 13-15 Jan 1993
 - H2.6.2 OPCW Preparatory Commission
 - H2.6.2.1 Papers from national delegations
 - H2.6.2.2 Papers from PrepCom structures
 - H2.6.3 OPCW Conference of the States Parties
 - H2.6.3.1 First session (May 1997)
 - H2.6.3.1.1 Papers from national delegations
 - H2.6.3.1.2 NGO handouts
 - H2.6.3.1.3 Other papers
 - H2.6.3.2 Second session (Dec 1997)
 - H2.6.3.2.1 Decisions
 - H2.6.3.2.2 Director-General papers
 - H2.6.3.2.3 National papers
 - H2.6.3.3 Third Session (Nov 1998)
 - H2.6.3.3.1 Decisions
 - H2.6.3.3.2 Director-General papers
 - H2.6.3.3.3 National papers
 - H2.6.3.4 Fourth Session (Jun/Jul 1999)
 - H2.6.3.4.1 Decisions
 - H2.6.3.4.2 DG Papers
 - H2.6.3.4.3 National Papers
 - H2.6.3.5 Fifth Session (May 2000)
 - H2.6.3.5.1 Decisions
 - H2.6.3.5.2 DG papers
 - H2.6.3.5.3 National papers
 - H2.6.3.6 Sixth Session (May 2001)
 - H2.6.3.6.1 Decisions
 - H2.6.3.6.2 DG papers

H2.6.3.6.3	National papers
H2.6.3.7	Seventh Session (7-11 October 2002)
H2.6.3.7.1	Decisions
H2.6.3.7.2	DG papers
H2.6.3.7.3	National papers
H2.6.3.8	Eighth Session (20-24 October 2003)
H2.6.3.8.1	Decisions
H2.6.3.8.2	DG papers
H2.6.3.8.3	National papers
H2.6.3.9	Ninth Session (29 Nov – 3 Dec 2004)
H2.6.3.9.1	Decisions
H2.6.3.9.2	DG papers
H2.6.3.9.3	National papers
H2.6.3.10	Tenth Session (7-11 Nov 2005)
H2.6.3.10.1	Decisions
H2.6.3.10.2	DG Papers
H2.6.3.10.3	National papers
H2.6.3.11	Eleventh Session (5-8 Dec 2006)
H2.6.3.11.1	Decisions
H2.6.3.11.2	DG Papers
H2.6.3.11.3	National papers and statements
H2.6.3.12	Twelfth Session (5-9 Nov 2007)
**H2.6.3.13	Thirteenth Session [2-5 Dec 2008]
**H2.6.3.13.1	Decisions
**H2.6.3.13.2	DG papers
**H2.6.3.13.3	National papers and statements
**H2.6.3.14	Fourteenth Session [30 Nov - 4 Dec 2009]
H2.6.4	OPCW Provisional Technical Secretariat
H2.6.4.1	<i>Journal</i>
H2.6.4.2	OPCW Synthesis and Supplement
H2.6.4.3	Regional Seminars
H2.6.4.4	PTS educational seminars
H2.6.4.5	National Authority training courses
H2.6.4.6	Information Series
H2.6.5	OPCW Executive Council

- H2.6.5.1 OEWG on RevCon 2
- H2.6.6 OPCW Technical Secretariat
 - H2.6.6.1 *Journal and Official Documents* weekly lists (LoD-series)
 - H2.6.6.2 S-series documents
 - H2.6.6.3 Secretariat Briefs
 - H2.6.6.4 *Chemical Disarmament* (formerly *OPCW Synthesis*)
 - H2.6.6.5 Scientific Advisory Board
 - H2.6.6.6 Ad hoc meetings
 - H2.6.6.6.1 On Saxitoxin (23-24 Sept 98)
 - H2.6.6.6.2 1st Annual NA/Industry meeting, June 1999
 - H2.6.6.6.3 UK/OPCW Challenge Inspection seminar, 11 Feb 00
 - H2.6.6.6.4 2nd Annual NA/Industry meeting, May 2000
 - H2.6.6.6.5 Legal Co-operation seminar, Feb 2001
 - H2.6.6.6.6 UNITAR/IOMC November 2002
 - H2.6.6.7 Other OPCW publications
 - H2.6.6.7.1 Weekly list of documents
 - H2.6.6.7.2 Electronic
 - H2.6.6.8 Confidentiality Commission
- H2.6.7 OPCW CSP Special Sessions
 - H2.6.7.1 New Director General (SS-1)
 - H2.6.7.2 First CWC Review Conference (28 Apr – 9 May 03)
 - H2.6.7.2.1 Open Forum (1 May)
 - H2.6.7.2.2 National statements
 - H2.6.7.2.3 National papers
 - H2.6.7.2.4 Director-General papers
 - H2.6.7.2.5 Technical Secretariat papers
 - H2.6.7.2.6 Other formal conference papers
 - H2.6.7.3 Tenure Policy (SS-2)
 - H2.6.7.4 Second CWC Review Conference (7 - 18 April 2008)
 - H2.6.7.4.1 Open Forum (9 April)
 - H2.6.7.4.2 National Statements
 - H2.6.7.4.3 National papers
 - H2.6.7.4.4 Director-General papers
 - H2.6.7.4.5 Technical Secretariat papers
 - H2.6.7.4.6 Other formal conference papers

- H2.6.7.5 Amending Rule 8 of CSP/ROP (SS-3)
- H2.6.8 OPCW Outreach events
 - H2.6.8.1 Academic Forum
 - H2.6.8.2 Industry and Protection Forum
 - H2.6.8.3 NGO - WGRC2 event
- H2.7 Australia Group
- H2.8 Helsinki Commission and OSPAR Commission
- H2.9 European Union
 - H2.9.1 European Parliament
 - H2.9.2 Commission
 - H2.9.3 Council of Ministers
 - H2.9.3.1 Presidency

Subcategory H3: Material from archives

- H3.1 British archives
 - H3.1.1 Public Records Office
 - H3.1.2 CDE Porton [formerly H3.1.7]
 - H3.1.3 Imperial War Museum [formerly H3.1.8]
 - H3.1.4 Aggregations [holding for H5] [formerly H3.1.9]
 - H3.1.4.1 CIOS [formerly H3.1.9.1]
 - H3.1.4.2 BIOS [formerly H3.1.9.2]
 - H3.1.5 Via Freedom of Information Act
 - H3.1.6 KCL Liddell Hart Centre for Military Archives
- H3.2 American archives
 - H3.2.1 US National Archives
 - H3.2.2 Via Freedom of Information Act [holding for H5]
 - H3.2.3 Aggregations [holding for H5]
 - H3.2.3.0 Documents from WW2 period and earlier
 - H3.2.3.I Documents on miscellaneous topics
 - H3.2.3.II Appraisals of BW
 - H3.2.3.III Radiological warfare
 - H3.2.3.IV Programme planning for BW/CW/RW capabilities
 - H3.2.3.V Classification policy on BW/CW information
 - H3.2.3.VI Intelligence on USSR CW/BW

H3.2.3.VII	Use policy on BW/CW/RW
H3.2.3.VIII	Chemical Corps technical publications on BW
H3.2.3.IX	NATO CW/BW capabilities/policy
H3.2.3.X	Far Eastern deployment of CW munitions
H3.2.3.XI	Incapacitating CW programme
H3.2.3.1	Chemical Corps
H3.2.3.1.1	Operations Research Group
H3.2.3.2	CIA/SOD
H3.2.3.3	Joint Chiefs of Staff
H3.2.3.4	Defense Science Board
H3.2.3.5	CIA/Princeton
H3.2.4	Bush Presidential Library
**H3.2.5	National Security Archive, Inc
H3.3	Belgian archives
H3.4	Russian archives
H3.5	Private Archives
H3.5.1	Foulkes papers [formerly H3.1.2]
H3.5.2	Barcroft papers [formerly H3.1.3]
H3.5.3	Weir papers [formerly H3.1.4]
H3.5.4	Grigg papers [formerly H3.1.5]
H3.5.5	Wiener library [formerly H3.1.6]
H3.5.6	Zuckerman papers
H3.6	Netherlands archives

Subcategory H4: US Congressional oversight of Defense spending

Most of these holdings are kept in Interim Storage.

The subcategory is broken down by year, each component subfile being labelled with the fiscal year of the budget concerned. For each year there is the following set of subfiles:

H4.1	Posture statements and PEDSs
H4.2	Committee hearings
H4.2.1	Senate Armed Services
H4.2.2	Senate Appropriations
H4.2.3	House Armed Services

- H4.2.4 House Appropriations
- H4.2.5 MilCon-Senate subcommittees
- H4.2.6 MilCon-House subcommittees
- H4.3 Committee reports, etc
- H4.4 Press reports
- H4.5 Lobbying documents

Subcategory H5: Other governmental papers [incl FoIA papers]

- H5.1 US organs
 - H5.1.1 US Congress
 - H5.1.1.1 US General Accounting Office
 - H5.1.1.1.1 Reports of GAO reports
 - H5.1.1.2 Executive-branch reports to Congress &c
 - H5.1.1.2.1 Environmental Impact Statements
 - H5.1.1.2.2 CB Obligations Reports
 - H5.1.1.2.3 Arms Control Impact Statements
 - H5.1.1.2.4 Arms control compliance reports
 - H5.1.1.2.5 Proliferation reports
 - H5.1.1.2.6 Combating terrorism
 - H5.1.1.3 Library of Congress [inc. Congressional Research Service]
 - H5.1.1.4 Congressional enquiries
 - H5.1.1.4.1 Ratification of the Geneva Protocol
 - H5.1.1.4.2 Ratification of the Biological Weapons Convention
 - H5.1.1.4.3 Ratification of the Chemical Weapons Convention
 - #H5.1.1.4.3ff [Harvard subdivisions]
 - H5.1.1.4.4 Confirmation hearings
 - H5.1.1.5 Bills, &c
 - H5.1.1.6 Congressional Budget Office
 - H5.1.1.7 US Institute of Peace
 - H5.1.1.8 Office of Technology Assessment
 - H5.1.1.9 Congressional Record
 - H5.1.2 US Administration
 - H5.1.2.1 White House
 - H5.1.2.1.1 National Security Council

H5.1.2.1.2	Working Group on the CWC
H5.1.2.1.3	Homeland Security Council
H5.1.2.1.4	Office of Management and Budget
H5.1.2.2	US Arms Control and Disarmament Agency
H5.1.2.3	US Central Intelligence Agency
H5.1.2.3.1	Nonproliferation Center
H5.1.2.3.2	National Intelligence Council
H5.1.2.3.3	DCI Counterterrorist Center
H5.1.2.3.4	Office of the Director of National Intelligence
H5.1.2.4	US State Department
H5.1.2.5	US Defense Department
H5.1.2.5.1	Office of the Secretary of Defense
H5.1.2.5.1.1	ASTIA etc
H5.1.2.5.1.1.1	DTIC search printouts
H5.1.2.5.1.1.2	CBIAC
H5.1.2.5.1.2	DARPA
H5.1.2.5.1.3	Defense Science Board
H5.1.2.5.2	Organization of the Joint Chiefs of Staff
H5.1.2.5.2.1	Institute for Defense Analyses
H5.1.2.5.2.2	Unified and Specified Commands
H5.1.2.5.2.3	Defense Intelligence Agency
H5.1.2.5.2.4	Defense [Nuclear][Special Weapons] Agency
H5.1.2.5.2.5	On-Site Inspection Agency
H5.1.2.5.2.6	Defense Threat Reduction Agency
H5.1.2.5.3	Department of the Army
H5.1.2.5.3.1	Army Chemical Corps
H5.1.2.5.3.1.1	Chemdemil subsidiaries and organs [formally, Chemical Materiel Destruction Agency] [PM for Chemdemil, from ca 1990]. In October 1992 subsumed within US Army Chemical Materiel Destruction Agency, which by 1993 also had a PM for Non-Stockpile Chemical Material.
H5.1.2.5.3.1.2	[subsumed within new H5.1.2.5.3.1.1]
H5.1.2.5.3.1.3	[subsumed within new H5.1.2.5.3.1.1]
H5.1.2.5.3.1.4	CBDCOM
H5.1.2.5.3.1.5	SBCCOM
H5.1.2.5.3.1.6	US Army Chemical School

H5.1.2.5.3.2	Army Major Commands
H5.1.2.5.3.2.1	DARCOM etc
H5.1.2.5.3.2.2	TRADOC etc
H5.1.2.5.3.2.3	Surgeon General [incl USAMRMC]
H5.1.2.5.3.2.4	AMCCOM
H5.1.2.5.3.2.5	Intelligence and security command
H5.1.2.5.3.3	Edgewood Arsenal
H5.1.2.5.3.4	Frankford Arsenal
H5.1.2.5.3.5	Fort Detrick etc
H5.1.2.5.3.6	Dugway Proving Ground etc
H5.1.2.5.3.7	Army Toxic & Hazardous Materials Agency
H5.1.2.5.3.8	Natick
H5.1.2.5.3.9	Picatinny
H5.1.2.5.3.10	US Army FSTC
H5.1.2.5.4	Department of the Navy
H5.1.2.5.4.1	Marine Corps
H5.1.2.5.5	Department of the Air Force
H5.1.2.5.6	National Defense University
H5.1.2.6	US Department of Commerce
H5.1.2.6.1	Clearinghouse (CFSTI)
H5.1.2.6.1.1	Abstracts
H5.1.2.6.1.2	Computer-search printouts
H5.1.2.6.1.3	CFSTI-released translations
H5.1.2.6.1.4	CFSTI-released foreign documents
H5.1.2.7	US Department of Agriculture
H5.1.2.8	US Department of Health etc
H5.1.2.8.1	Centers for Disease Control & Prevention (CDC)
H5.1.2.8.2	NSABB
H5.1.2.9	US Department of Energy
H5.1.2.10	Counterproliferation Program Review Committee
H5.1.2.11	Dept of Justice
H5.1.2.11.1	Federal Bureau of Investigation (FBI)
H5.1.2.11.2	National Institute of Justice
H5.1.2.12	CWC National Authority
H5.1.2.13	US Information Agency

- H5.1.2.14 Commission on National Security/21st Century
- H5.1.2.15 Com to Assess the Org of Fed Govt to Combat WMD proliferation
- H5.1.2.16 Gilmore Commission on CBRN Terrorism
- H5.1.2.17 US Department of Homeland Security
- H5.1.2.18 US Environmental Protection Agency
- H5.1.2.19 US Customs Service
- H5.1.2.20 Silberman-Robb WMD Intelligence Commission
- H5.1.2.21 US Institute of Peace
- H5.1.2.22 Graham Commission on the Prevention of WMD Proliferation and Terrorism
- H5.1.3 Private US organs
 - H5.1.3.1 US National Academies (incl National Academy of Sciences)
 - H5.1.3.1.1 NRC/BAST
 - H5.1.3.1.2 CISAC
 - H5.1.3.1.3 NAS/NRC Archives
 - H5.1.3.2 Universities
 - H5.1.3.3 Think tanks [Includes: American Institutes for Research; Armour Research Foundation; Associated Engineers and Consultants; Battelle Memorial Institute; Bionetics Research Labs Inc; Booz-Allen Applied Research; Cornell Aeronautical Labs. Inc; Franklin Institute; Geomet Technologies Inc; Melpar; Midwest Research Institute; Mitre Corp; Operations Research Office; Operations Research Inc; Public Safety Group; RAND; Research Triangle; Science Applications International Corporation; Southern Research Institute; Standard Research Institute; The Travellers Research Centre Inc.]
 - H5.1.3.4 Industry [Includes: Arthur D Little, Inc; AVCO Corp; E. I du Pont de; Engelhard Industries Inc; GCA; General Electronic Company; Lever Bros Co; Litton Systems Inc; Merck and Company; Monsanto; Shell Development Co; Whirlpool Corporation.]
 - H5.1.3.4.1 Chemical Manufacturers Association
 - H5.1.3.4.2 MATAC
 - H5.1.3.4.3 NBC Industry Group
 - H5.1.3.4.4 Contractor companies
 - H5.1.3.5 Association of Chemical Officers/CmlC Reg Assoc
 - H5.1.3.5.1 First Gas Regiment Association
 - H5.1.3.6 US National Laboratories
 - H5.1.3.7 American Defense Preparedness Assoc (ADPA)
 - H5.1.3.8 American Bar Association
 - H5.1.3.9 Jason Group
- H5.1.4 Joint US-UK organs
 - H5.1.4.1 Combined Chiefs of Staff

H5.1.4.2	Combined Intelligence Objectives Subcommittee
H5.2	British organs
H5.2.1	Parliament
H5.2.1.1	Hansard
H5.2.1.2	Committee reports
H5.2.1.3	House of Commons Library
H5.2.1.4	Govt reports to Parliament [inc original responses to PQs]
H5.2.1.5	National Audit Office
H5.2.1.6	POST
H5.2.1.7	Bills, etc
H5.2.2	Administration
H5.2.2.0	Cabinet Office
H5.2.2.1	Ministry of Defence
H5.2.2.1.1	Porton [holdings through 1993 in reserve storage]
H5.2.2.1.2	Defence NBC School
H5.2.2.1.3	Sutton Oak and Nancekuke
H5.2.2.1.4	JACIG
H5.2.2.1.5	Defence Evaluation and Research Agency (DERA)
H5.2.2.1.6	JDCC
H5.2.2.1.7	DRIC
**H5.2.2.1.8	DSTL
H5.2.2.2	BIOS
H5.2.2.3	Foreign & Commonwealth Office
H5.2.2.3.1	SIS
H5.2.2.4	Home Office
H5.2.2.4.1	Security Service (MI5)
H5.2.2.5	Department of Trade & Industry / Dept. for BERR
H5.2.2.6	CWC National Authority
H5.2.2.7	CAMR
H5.2.2.8	Health and Safety Executive (HSE)
H5.2.2.9	Dept of Health
H5.2.2.10	Health Protection Agency
**H5.2.2.11	DEFRA
H5.2.3	Judiciary
H5.2.3.1	Scott Inquiry

H5.2.3.2	Hutton Inquiry
H5.2.4	Private UK organs
H5.2.4.1	The Royal Society
H5.3	Canadian organs
H5.3.1	Parliament
H5.3.2	Administration
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H5.4.1	Parliament
H5.4.1.1	Official reports
H5.4.2	Administration`
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H5.5	Russian organs
H5.5.1	Parliament
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H5.7	Belgian organs
H5.7.1	Parliament
H5.8	French organs
H5.8.1	Parliament
H5.9	Australian organs
H5.10	Swedish organs
**H5.11	GDR organs