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CHEMICAL AND BACTERIOLOGICAL (BIOLOGICAL) WEAPONS

Report of the Secretary-General

Addendum

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CZECHOSLOVAKIA

1. Czechoslovakia has consistently adhered to the principles and purposes of the Geneva Protocol for the Prohibition of the Use in War of Asphyxiating, Poisonous or Other Gases and of Bacteriological Methods of Warfare, which it signed as early as 1925. Czechoslovakia has always condemned any actions violating the Protocol and advocated elaboration of verification measures which would guarantee strict compliance with its provisions.
2. In this context, Czechoslovakia has welcomed the successful conclusion last year of the work of the expert group of the Secretary-General that prepared, in conformity with General Assembly resolution 42/37 C, technical guidelines and procedures for timely and efficient investigation of reports of possible use of chemical, bacteriological (biological) or toxin weapons (see A/44/561).
3. In reply to the request made in resolution 44/115 B, and in keeping with the elaborated standards (see A/44/561, appendix II and VI), Czechoslovakia is hereby informing the Secretary-General that it is ready to provide two consultants (annex I), 15 qualified experts (annex II) and five laboratories (annex III) for examination and analyses in the event of an investigation of reports of possible use of chemical, bacteriological (biological) or toxin weapons.
4. The selected experts possess extensive knowledge in the fields of analytical and organic chemistry, biochemistry, biology, virology and toxicology. They are prepared to take samples on the spot and to analyse them. If requested, they can travel immediately to a place subjected to investigation. The laboratories are equipped so as to be capable to analyse various chemical and toxic substances and staffed with experienced specialists.
5. The attached list shall be regularly updated and supplemented in accordance with Czechoslovakia's possibilities and with the needs of the Secretary-General as they may develop in future,

ANNEX I

Consultants

1. Name of expert: Jiří BAJQAR, Assoc. Prof., MD, PhD, colonel
2. Fields of expertise According to the Document A/44/561, App. IV: **points 2, 3, 4, 7, 8, 10 /fully/; points 1, 11, 12 /partly/**
3. Current position: Deputy Head of Department of Toxicology, Military Medical Academy, Hradec Králové
4. Mailing address:

Office Dept. Toxicol., Military Medical Academy
502 63 Hradec Králové
Czechoslovakia

Home a Dukelská 789
500 02 Hradec Králové, Czechoslovakia
5. Telephone numbers: Office: 682381, 682378r Home; 611450

Telex, telecopy or telefaxr
6. Educational background: Medical Faculty, Charles University at Hradec Králové
7. Relevant experience, particularly in the area of field investigations:
204 scientific papers dealing with the treatment of intoxication, detection of CWA, biochemical characterization of action CWA. More than 20 papers dealing with chemical disarmament; expert /chemical weapons/ of Czechoslovak delegation to the CD in Geneva /since 1985/.
8. Language proficiency: English /good/, Russian /good/, German
9. Citizenship: Czechoslovakia
10. Availability of services on short notice; availability for extended periods of time: Services on short notice; for extended period of time /later than 3 months/, preliminary agreement will be necessary
11. Material or equipment which could be brought by qualified experts as needed for the investigation: Basic equipment for sampling and simple testing /chemical analysis and biochemical testing of the effect of CWA/

1. Name of expert, Miroslav **ŠPLIŇO**, Assoc. Prof., MD, PhD, colonel
2. Fields of expertise: According to the Document A/44/561, App. IV: points 2, 8, 9, 10, 11, 12 /fully/; points 1, 6 /partly/
3. Current position: Head of Department of Epidemiology, Military Medical Academy, Hradec **Králové**
4. Mailing address:
Office: Department of Epidemiology, Military Medical Academy
502 60 Hradec **Králové**
Czechoslovakia

Home: **Formánkova** 433
500 11 Hradec **Králové**, Czechoslovakia
5. Telephone numbers : Office, 6845792 or 682407

Telex, telecopy or telefaxr
6. Educational background: Medical Faculty, Charles University at Hradec **Králové**
7. Relevant experience, particularly in the area of field investigations:
120 scientific papers, dealing with the experimental pathogenesis and clinic of cryptococcosis, nocardiosis, **yersiniosis** and the microbial monitoring in immunocompromised patients
8. Language proficiency: English, Russian
9. Citizenship: Czechoslovakia
10. Availability of services on short notice; availability for extended periods of time: Services on short notice; preliminary agreement will be necessary for extended period of time /more than 1 month/
11. Material or equipment which could be brought by qualified experts at needed for the investigation: Basic equipment for sampling of the biological materials

ANNEX II

Qualified experts

1. Name of expert, **Viliam FÖLDESI, Dipl. Eng., major**
2. Fields of expertise: According to the Document A/44/561, **App. IV: points 1, 2, 4, 10, 11 /fully/** points **9, 12 /partly/**
3. Current position: **Technical Director of the Military Facility**
4. Mailing address:
**Officer Ministry of National Defence,
PS 61/26
160 00 Praha, Czechoslovakia**
**Home: Majakovského 58/2
972 43 Prievidza, Czechoslovakia**
5. Telephone numbers; **Office: 330 42636; Home: 32520**
Telex, telecopy or telefax:
6. Educational backgroundr **Military Academy of the Land Forces /military engineering and military chemistry/ Vyškov**
7. Relevant experience, particularly in the area of field investigations: **On the base his theoretical educational background and practical experiences, he is familiarized with the methods of synthesis of CWA and other toxic substances, with their analysis including development of new methods, and with the detection of CWA in field conditions**
8. Language proficiencya **Russian /good/, English /good/**
9. Citizenshipr **Czechoslovakia**
10. Availability of services on short notice; availability for extended periods of time: **Services on short notice; for extended period of time /later than 1 month/, preliminary agreement will be necessary**
11. Material or equipment which could be brought by qualified experts as needed for the investigation: **Basic equipment for sampling and simple testing /chemical analysis and biochemical testing of the effect of CWA/**

1. **Name of expert:** Vratislav CERNY, **Dipl. Eng.**
2. **Fields of expertise:** According to the Document A/44/561, App. IV:
points 1, 2 /fully/
3. **Current position:** Analytical Laboratory Director
4. **Mailing address:**

Office! Research Institute for Organic Syntheses
532 18 Pardubice - Rybitvi
Czechoslovakia

Home:
5. **Telephone numbers; Office:** 42 103

Telex, telecopy or telefax: 196 222 vcliz
6. **Educational background:** Institute of technology level
7. **Relevant experience, particularly in the area of field investigations**
Theoretical and practical experiences in the field of analytical and physical chemistry
8. **Language proficiency:** English, Russian
9. **Citizenship:** Czechoslovakia
10. **Availability of services on short notice:** availability for extended periods of time: Services on short. notice; for extended period of time /later than 1 month/, preliminary agreement will be **necessary**
11. **Material or equipment which could be brought** **qualified** experts as needed for the investigation: Basic **equipment** for sampling and simple testing of CWA

1. Name of expert: Josef KOUBEK, **Dipl. Eng.**, PhD
2. Fields of expertise: According to the Document A/44/561, App. IV:
point 1 /fully/; point 2 /partly/
3. Current position: Assistant Professor, Institute of Chemical **Technology**, Praha
4. Mailing address:

Office: Prague Institute of **Chemical** Technology
Suchbátarova 5
166 28 Praha, **Czechoslovakia**

Home: **Škábova 305**;
106 00 Praha 10, Czechoslovakia
5. Telephone numbers: Office: 332 4216
Telex, telecopy or **telefax**: 122 744 **VSCH/C**; 42-2-3114769
6. Educational background: Technical University
7. Relevant experience, particularly in the area of **field investigations**:
Setting-up of industrial chemical plants, analytical control of chemical⁸
8. Language **proficiency**: English, German, **French**, **Russian**
9. Citizenship: Czechoslovakia
10. Availability of **services** on **short** notice; availability for **extended** periods of time: Services on **short notice**; for **extended** period of time /later than 1 month/, preliminary agreement will be **necessary**
11. Material or equipment which could be brought by qualified experts as needed for the investigation: Basic equipment for **sampling** and simple testing of CWA

1. Name of expert: Tibor **GÖGH, RNDr.** /Doctor of Natural **Sciences**/ PhD
2. Fields of expertise: **According** to the Document A/44/561, App. IV:
point 1 /fully/t **point** 2 /partly/
3. Current **position**: Research worker, Head of research group of reaction **intermediates**
4. Mailing address:
Office: Research Institute of Chemical Technology
Dimitrovova 34
836 03 **Bratislava, Czechoslovakia**

Home: **Zikova 6**
851 00 Bratislava, Czechoslovakia
5. Telephone numbers: Office: **2007/2990**
Telex, telecopy or telefax: 925 76
6. Educational background: Comenius University Bratislava, Faculty of Natural Sciences, Department of **Organic Chemistry**
7. Relevant experience, particularly in the area of field investigations
Relevant *experience* - Basic chemical **research, investigations** of chemical **structure** of organic substances
8. Language proficiency: **German, English, Russian**
9. Citizenship: **Czechoslovakia**
10. Availability of **services on short notice**; availability for extended periods of time: Services on short **notice**; for extended period of time /later than 1 **month**/, preliminary agreement will be necessary
11. Material or equipment which could be brought by qualified experts as needed for the investigation: Basic equipment *for* sampling and simple testing of CWA

1. Name of expert: **Aleš HORNA, Dipl. Eng., PhD**
2. Fields of expertise: According to the Document A/44/561, App. IV:
point 1 /fully/
3. Current position: Head of Department of analytical chemistry
4. Mailing address:

Office: VCHZ Synthesia
532 17 **Pardubice - Semtín**
Czechoslovakia

Home : **Srčh** 141
533 52 **Staré Hradiště**, Czechoslovakia
5. Telephone numbers: Office: **4925316**

Telex, telecopy or telefax:
6. Educational background: Technical University - organic chemistry, analytical chemistry
7. Relevant experience, particularly in the area of field investigations: Spot organic analysis, analysis of explosives, methods development
8. Language proficiency: English, Russian
9. Citizenship: Czechoslovakia
10. Availability of services on short notice: availability for extended periods of time: Services on short notice: **for** extended period of time /later than 1 month/, preliminary agreement will be necessary
11. Material or equipment which could be brought by qualified experts as needed for the investigation: Basic equipment for sampling and simple testing of CWA

1. Name of **expert**: Josef FUSEK, Assoc. Prof. , MD, PhD, **color**
2. **Fields of expertise**¹ According to the Document A/44/561, App, IV: points 2, 3, 4, 7, **8**, 10 /fully/; points 1, 11, 12 /partly/
3. Current position^a Deputy Head for Teaching and Scientific Work of the Military Medical Academy, Hradec Králové
4. Mailing address:

Office: **Military Medical Academy**
502 60 Hradec Králové
Czechoslovakia

Home: **K Biřičce 1650**
500 08 Hradec Králové, Czechoslovakia
5. Telephone numbers: Officer **3845760, 68455181** Home: **23333**

Telex, telecopy or **telefax**:
6. Educational background⁸ **Medical Faculty, Charles University at Hradec Králové**
7. Relevant experience, particularly *in* the area of field investigations⁸
142 scientific papers dealing with the effect of highly toxic substances, the treatment of intoxications, pharmacological characterisation of CWA
8. Language proficiency; Russian /good/, English, German
9. Citizenship⁸ Czechoslovakia
10. Availability of services on short notice; availability for extended periods of time: Services on short notice; for extended period of time /later than 3 months/, preliminary agreement will be necessary
11. Material or equipment which could be brought by qualified experts as needed for the investigation^a Basic equipment for sampling and simple testing /toxicological analysis and pharmacological testing of the effect of CWA/

1. Name of **expert**: Ivan POHL, Assoc. Prof., MD, PhD, lieutenant colonel
2. Fields of expertise: According to the Document A/44/561, App. IV: points 2, 8, 9, 10, 11, 12 /fully/i points 1, 6 /partly/
3. Current position: Head of Department of Education and Science, Military Medical Academy, Hradec Králové
4. Mailing address:
Office: Department of Education and Science, Military Medical Academy
502 60 Hradec Králové
Czechoslovakia

Home: Marxova 1415
500 06 Hradec Králové, Czechoslovakia
5. Telephone numbers: Officer 6845753, 68456001 Home: 30055

Telex, telecopy or telefax:
6. Educational background: Charles University, Medical Faculty, Hradec Králové
7. Relevant experience, particularly in the area of field investigations: 50 scientific papers in Czechoslovak journals, expert of Czechoslovak delegation to the CD in Geneva /1987, 1988/. Qualified especially in the field of epidemiology
8. Language proficiency: English, Russian, German
9. Citizenship: Czechoslovakia
10. Availability of services on short notice; availability for extended periods of time: Services on short notice; preliminary agreement will be necessary for extended period of time /more than 1 month/
11. Material or equipment which could be brought by qualified experts as needed for the investigation: Basic equipment for sampling of the biological materials in order to carry out the microbiological examinations

1. Name of expert: **L. ROSIVAL, MD, DSc**
2. **Fields of expertise: According to the Document A/44/561, App. IV: points 2, 4, 9 /fully/ points 3, 7, 8 /partly/**
3. Current position: Deputy Director, **Director** of the Centre of the Hygiene
4. Mailing address:
Office: **Research Institute of Preventive Medicine
Limbova 14
833 01 Bratislava, Czechoslovakia**
Home: **Ľ. Zúbka 7
841 01 Bratislava, Czechoslovakia**
5. Telephone numbers: **Office: 371 094; Home: 365 579**
Telex, telecopy **or** telefaxt
6. Educational background: Faculty **of Medicine**
7. Relevant experience, particularly in the area of field investigations:
Experience in the field of toxicology and hygiene
8. Language proficiency: English, Russian, German, **French**
9. **Citizenship: Czechoslovakia**
10. Availability of **services on short notice**; availability for extended **periods** of time: **Services on short notice**; for extended period of time /later than 1 month/, preliminary agreement will be necessary
11. Material **or** equipment which could be brought by qualified experts as needed for the investigation: Basic equipment for sampling **and** simple testing of **CWA**

1. Name of expert: **Otakar KRS, MD, major**
2. Fields of expertise: According to the Document A/44/561, App. IV: points 2, 4, 7 /fully/r point 3 /partly/
3. Current position: Senior Lecturer, Department of Toxicology, Military Medical Academy, Hradec **Králové**
4. Mailing address:

Office: Dept. **Toxocol.**, Military Medical Academy
502 60 Hradec **Králové**
Czechoslovakia

Home: **Vrchlického 573**
500 02 Hradec **Králové**, Caechoelovakia
5. Telephone numbers: Office: 682381, **682378**; Home: 611450

Telex, telecopy or telefaxt
6. Educational background: Medical Faculty, Charles University at Hradec **Králové**, Postgraduate training in general medicine, **Specialized** course for military health and epidemiology professionals
7. Relevant experience, particularly in the area of field **investigations**: **Teaching** experience in military toxicology and normal **anatomy**, some experiences in scientific research work, histopathology and **histochemistry** following intoxications with CWA
8. Language proficiency: **Russian /good/**, English
9. Citiaenshipt **Czechoslovakia**
10. Availability of services on short **notice**; availability for **extended** periods of time: **Services** on short **notice**; for extended period of time /later than 3 months/, preliminary agreement will be necessary
11. Material or equipment which could be brought by qualified **experts** as needed for **the** investigation: Basic equipments for conducting of autopsies and post-mortem **sample** taking

1. Name of expert: **Ivana TUŠAROVÁ, Dipl. Eng.**
2. **Fields of expertise:** According to the Document A/44/561, App. IV: **points 2, 4 /fully/J points 1, 8, 9 /paraly/**
3. Current position: Research worker
4. Mailing address :
Office: **Research Institute of Food Industry
Radiová 7
102 31 Praha 10, Czechoslovakia**

Home: **Zelená 21
160 00 Praha 6, Caechoslovakia**
5. Telephone numbers: Office: **540841-9/15**

Telex, telecopy or telefaxt
6. Educational background: Institute of Chemical Technology, Praha
7. **Relevant** experience, particularly in the area *of* field **investigations:**
10 years' practice, **20** publications in the field **of** analysis **of** CW agents
8. Language proficienoyt **English, Russian**
9. Citisanshipt **Caechoslovakia**
10. Availability **of** services on **short notice;** availability **for** extended periods of time: Services on **short** notice) *for* extended period **of** time /later than **1 month/**, preliminary agreement **will' be** necessary
11. Material or equipment which could be brought by qualified experts as needed for the investigation: Basic equipment for sampling **and** simple testing of **CWA**

1. Name of expert: Ivan ČIŽNÁR, DSc
2. Fields of expertise: According to the Document A/44/561, App. IV: **points 6, 7, 10 /fully/** points 1, 4, 8, 9 /partly/
3. Current **position:** Senior **scientist, Head, Department** of Bacteriology
4. Mailing **address**
Office: Research Institute of Preventive Medicine
Limbova 14
633 01 Bratislava, **Czechoslovakia**

Home: Púpavova 21
641 01 Bratislava, **Czechoslovakia**
5. Telephone numbers: Office: 372 820, 373 560 ext. **493**; Home: 326 016
Telex, telecopy or telefaxt 92279
6. Educational background: Doctor of Sciences in Molecular Biology, Bratislava
7. Relevant experience, particularly in the area of **field investigations:**
Experience in bacterial toxicology. Expert, **in vitro** and **in vivo** assessment of action of bacterial **toxins**
8. Language proficiency: English, Russian
9. **Citizenship: Czechoslovakia**
10. Availability of services on short notice! availability **for** extended periods of time: Services on short **notice**; preliminary agreement will be necessary **for** extended period of time /more than 1 month/
11. Material or equipment which could be brought by qualified experts as needed for the investigation: Basic equipment for sampling of the biological materials in order to carry out the microbiological examinations

1. **Name of expert:** Bohumil TICHÁČEK, MD
2. **Fields of expertise:** According to the Document A/44/561, App. IV: points 6, 7, 8 /fully/J points 2, 4, 9, 10 /partly/
3. **Current position:** Director /IHE/
4. **Mailing address:**
Office: **Institute** of Hygiene and Epidemiology
Šrobárova 48
100 42 Praha 10, Caechoslovakia

Home: Drahobejlova 5
190 00 Praha 9, Caechoslovakia
5. **Telephone numbers:** Office: 742812~ Home: 838492

Telex, telecopy or **telefax:**
6. **Educational background:** Charles University Medical Faculty, Praha
7. **Relevant experience, particularly in the area of field investigations:** Epidemiology, Antibacteriological **protection**
8. **Language proficiency:** German, French, partly English
9. **Citizenship:** Czechoslovakia
10. **Availability of services on short notice;** availability for extended periods of time: **Services on short notice;** preliminary **agreement** will **be** necessary for extended period of time /more than 1 month/
11. **Material or equipment which could be brought by qualified experts as needed for the investigation:** Basic equipment for sampling of the biological materials in order to carry out the microbiological examinations

1. Name of expert: **Jaromír TRUNKÁT, MVDr** /Doctor of Veterinary Medicine
2. **Fields of expertise:** According to the **Document A/44/561, App. IV:** points 6, 7 /fully/J points 2, 4, 5 /partly/
3. Current position: **Vice-Director of Central State Veterinary Institute, Prague**
4. Mailing address:
Office: Central State Veterinary Institute
Sídlištní 156
165 03 Praha 6 - Lysolaje, Czechoslovakia

Home: **Sídlištní 212**
165 03 Praha 6 - Lysolaje, Czechoslovakia
5. Telephone numbers: Office: **341 551, 341 054; Home: 3239268**
Telex, telecopy or telefaxt 123594
6. Educational background: **Faculty of Veterinary Medicine, Brno**
7. Relevant experience, particularly in the area of field investigations, **31 publications**, experiences in different State Veterinary Institutes, expert in Cuba /**tbc, Bab and other contagious diseases**/; investigations in practical use of mobile veterinary **laboratories**; experience in the control of contagious diseases of farm **animals**; participation in the **courses** organised by **FAO**
8. Language proficiency: French, Spanish, partly English
9. Citizenship: **Czechoslovakia**
10. Availability of services on short **notice**; availability for extended periods of time: **Services on short notice**; preliminary agreement will be necessary for extended period of time /more than 1 month/
11. Material or equipment which could be brought by qualified experts as needed for the investigation: **Basic equipment for sampling of the biological materials in order to carry out the microbiological examinations**

1. Name of expert: Otto **PAWEL, MVDr /Doctor of Veterinary Medicine/ PhD**
2. Fields of expertise: According to the Document A/44/561, App. IV: points 6, 7 /fully/r points 2, 4, 5 /partly/
3. Current position: **Veterinarian** with higher specialisation
4. Mailing address
Office: Central State Veterinary Institute
Sídlištěni 156
165 93 Praha 6, Czechoslovakia

Home: Na Petřinách 59
162 00 Praha 6, Czechoslovakia
5. Telephone numbers: **Office:** 3415511 Home; 536456
Telex, telecopy or telefaxr 123594
6. Educational background: Faculty of Veterinary Medicine, Brno
7. Relevant experience, particularly in the area of field investigations: 141 publications particularly in the area of field investigations; research worker in the field of effects of atomic, biological and chemical weapons on animals and food of animal origin; teaching and training personnel of mobile veterinary laboratories
8. Language proficiency: English, French
9. Citizenship: Czechoslovakia
10. Availability of services on short notice; availability for extended periods of time: Services on short notice; preliminary agreement will be necessary for extended period of time /more than 1 month/
11. Material or equipment which could be brought by qualified experts as needed for the investigation: Basic equipment for sampling of the biological materials in order to carry out the microbiological examinations

1. Name of expert: Miroelav KOUKAL, RNDr /Doctor of Natural Science/ Phd
2. Fields of expertise⁸ According to the Document A/44/561, App. IV:
point 6 /fully/1 points 2, 4, 9 /partly/
3. Current position: Senior virologist in the Laboratory of Gnotobiology of the Institute of Microbiology, Caechoslovak Academy of Sciences
4. Mailing address:

Officer Lab. Gnotobiology, Inst. Microbiology, CAS
549 22 Nový Hrádek, Caechoslovakia

Home: Havlíčkova 1112
547 00 Náchod, Caechoslovakia
5. Telephone numbers: Office: 95722; Home: 20652

Telex, telecopy or telefax:
6. Educational background: Faculty of Natural Science of the Charles University, Prague
7. Relevant experience, particularly in the area of field investigations:
Scientific work at different Institutes: College of Agriculture in Prague, Royal Veterinary College in London, Institute of Sera and Vaccines, Department of Virology, Laboratory Gnotobiology, Department of Virology Control of the Caechoslovak Academy of Sciences
8. Language proficiency⁸ English, Russian
9. Citizenship: Caechoslovakia
10. Availability of services on short notice; availability for extended periods of time: Also available for extended periods of time
11. Material or equipment which could be brought by qualified expert³ as needed for the investigation; Tissue cultures, medias and liquid nitrogen

ANNEX III

Laboratories

1. Name of laboratory: Department of Toxicology, Military Medical Academy
2. **Persons** responsible for receipt of **samples: J. Bajgar, J. Bielavský, J. Cabal, J. Patočka, J. Vachek**
3. Mailing address : Military Medical Academy, Department of Toxicology
502 60 Hradec Králové, Czechoslovakia
4. Telephone **number(s):** 682381, 682377, 682378, 682387
5. Fields of **expertise: According to the Document A/44/561, App. V: point 1 /partly/t points 4, 6, 7, 10 /fully/**
6. General nature of the laboratory: The laboratory is designed to study the toxic effect of highly toxic substances including **CWA**, to clarify their action on biochemical, behavioural, histochemical, pharmacological and **electrophysiological** level, to **study and develop** antidotes against intoxications **with** these compounds, to analyse all **types** of samples with respect to the presence of known CWA, to test **decontamination** effectiveness of known and developed decontamination agents for humans
7. Specific facilities **and equipment: Analytical equipment** possibilities for synthesis of different compounds in laboratory **quantities;** biochemical, **behavioural** techniques, electrophysiological methods) pharmacological testing, histological and histochemical evaluation
8. Relevant **experience:** The experiences **are** documented in the Internal Reports dealing with the effects **of CWA on** decontamination efficacy and reports improving CWA detection and diagnosis **of intoxications.** Bibliography is available on request
9. Specification of **any** particular requirements **for** preparation of samples; Depending **on** the type of sampler for biological material the freeing is preferred
10. Specification of **any** particular requirements with respect to customs **or** other **inspections;** for import of samples for analysis, As the most suitable will be direct transfer of the **sample** to **designated** person **/see para. 2/** who is familiar with the **Czechoslovak laws for handling** of the toxic substances
11. **Specification** of fees and responsibilities **for** services carried out on behalf of the Secretary-General: Ministry of Defence, Praha, Czechoslovakia

1. **Name of laboratory:** Department of Analytical-physical chemistry
2. **Persons responsible for receipt of samples:** V. Černý
3. **Mailing address:** Research Institute for Organic Syntheses
532 18 Pardubice-Rybitví, Csechoslovakia
4. **Telephone number(s):** 42103
5. **Fields of expertise:** According to the Document A/44/561, App. V:
points 1, 2 /fully/~ points 4, 6, 7 /partly/
6. **General nature of the laboratory:** Organic analytical laboratory
7. **Specific facilities and equipment:** Mass spectrometryr NMR; CC with ECD, FID;
LC; ICP spsctrometry) AAS; Particle size; Electrochemistry - polarography,
titrimetryr Thermal analysis; UV-VIS-spectrometry
8. **Relevant experience:** 11 years, authorised laboratory in Csechoslovakia
9. **Specification of any particular requirements for preparation of samples:**
Depending on the type of nample
10. **Specification of any particular requirements with respect to customs or other inspections for import of samples for analysis:** As the most suitable will be direct transfer of the sample to designated person /see para. 2/ who is familiarised with the Csechoslovak laws for handling of the toxic substances
11. **Specification of fees and responsibilities for services carried out on behalf of the Secretary-General:** Ministry of Industry, Czech Republic, Praha, Csechoslovakia

1. Name of **laboratory** **Prague Institute of Chemical Technology, Department of Analytical Chemistry**
2. **Persons** responsible for receipt of samples: **B. Doležal**
3. **Mailing address:** Prague **Institute** of Chemical Technology
Dept. of Analytical Chemistry
Suchbátarova 5
166 28 Praha, CSSR
4. Telephone **number(s):** 332 4044
5. Fields of **expertise:** According to the document A/44/561, App. V:
point 1 /fully/ point 2 /partly/
6. **General** nature of **the** laboratory: Well-equipped analytical laboratory
7. Specific facilities and **equipment:** GC, GLC, NMR, MS, IR
8. Relevant experience¹ Chemical **analysis** of **organic and inorganic samples**
9. Specification of any particular requirements for **preparation** of samples;
Depending on the type of **sample**
10. **Specification** of any particular **requirements with** respect to customs or other inspections for import of **samples for analysis:** As the most suitable will be **direct transfer of the sample to designated person /see para. 2/ who is familiarized** with the Csechoslovak laws for handling of the toxic substances
11. Specification of fees and responsibilities for services **carried** out on behalf of **the Secretary-General:** Ministry of Education, **Czech Republic, Praha, Czechoslovakia**

1. Name of **laboratory** Laboratory of **Organia** Chemistry
2. **Persons** responsible for receipt of samples: **T. Gögh**
3. Mailing address⁸ **Research Institute of Chemical Technology**
Dimitrovova 34, 836 03 Bratislava, **Czechoslovakia**
4. Telephone number(s): 213026, 200712450, **2007/2990**
5. Fields of **expertise**: **According to the Document A/44/561, App. VI**
point 1 /fully/J point 2 /partly/
6. General nature of the laboratoryr Organic synthesis
7. Specific facilities **and** equipmenta **Common equipment, Gas chromatograph QCMS,**
IR spectrometer, HPLC DAT Detector
8. Relevant experiencei Investigation of organic synthesis and chemical structure
9. Specification of any particular requirements for **preparation** of samples⁸
Depending on the type of sample
10. Specification of any particular requirement⁸ with respect to **customs or other**
inspections for import of samples for **analysis**; As the most suitable will be
direct transfer of **the sample** to **designated** person /see **para. 2/ who is**
familiarized with the Caechoslovak laws for handling of the toxic substances
11. Specification of fees and **responsibilities** for services carried **out on** behalf
of the Secretary-General: Ministry of Industry, Slovak Republic, Bratislava,
Czechoslovakia

1. **Name of laboratory** Military Academy of the Land Forces, Department of Military Chemistry, Vyškov
2. *Persons responsible for receipt of samples:* I. Halánek
3. **Mailing address :** Military Academy of the Land Forces
Vyškov, Czechoslovakia
4. **Telephone number(s):** 423 2632
5. **Fields of expertise:** According to the Document A/44/561, App. VI points 1, 9, 10 /partly/
6. **General nature of the laboratory:** The Department of Military Chemistry is devoted to the research in the field of indication and decontamination of chemical agents in general! It is considered as educational base for preparation of specialists in this field
7. **Specific facilities and equipment:** Analytical equipment) possibilities to test decontamination efficacy and the means of indications. Teaching experiences in the field of chemical specialists
8. **Relevant experience:** The experiences are documented in the Internal Reports dealing with research of decontaminants and indications
9. **Specification of any particular requirements for preparation of samples:** Depending on the type of sample
10. **Specification of any particular requirements with respect to customs or other inspections for import of samples for analysis:** As the most suitable will be direct transfer of the sample to designated person /see para. 2/ who is familiarized with the Czechoslovak laws for handling of the toxic substances
11. **Specification of fees and responsibilities for services carried out on behalf of the Secretary-General :** Ministry of National Defence, Praha, Czechoslovakia

IRAQ

The **Permanent** Mission of Iraq to the United Nations presents its compliments to the **Secretary-General** of **the United Nations** and, with **reference** to **General Assembly resolution 42/37 C** dated 30 November 1987, has the honour to inform him that Iraq nominates five qualified experts whose **services** can be made available for undertaking investigation of reports relating to the use of chemical and bacteriological *weapons* . Their names and **areas** of **specialization** are given below. This is in addition to the **experts already** nominated by *the Mission* in **its note** No, **19/1/16** dated 13 July 1988.

- | | | |
|----|--|-------------------------------------|
| 1. | Mr. Amir Sa'id Muhammad al-Ma'adidi | Doctorate in chemistry |
| 2. | Mr. Salah al-Din Adbullah al-Nu'aymi | Doctorate in chemistry |
| 3. | Mr. Muhammad Shakir Sulayman | Doctorate in chemistry |
| 4. | Mr. Mu'ayyid al-Din Muhammad Hasan | Master's degree in chemistry |
| 5. | Mr. Mahdi Muhammad Barghash | Master's degree in chemistry |

The Mission of Iraq takes this opportunity to **convey** the assurances of its highest consideration.
