



Lettre d'informations sur les échéances de la commission préparatoire de l'Organisation du Traité pour l'interdiction complète des essais nucléaires

N°4

Avril 2018

I. Éditorial

Lettre d'information sur les activités de la Commission préparatoire de l'OTICE, l'objectif est de partager des informations sur les principales échéances à venir, les formations et ateliers organisés par l'OTICE, les offres d'emploi ainsi que les éventuels appels d'offre.

Le début de l'année 2018 a été marqué par la 50^e session du Groupe de travail B de l'OTICE (12-23 mars 2018), pendant laquelle une dizaine d'experts français ont participé aux discussions qui ont eu lieu sur la mise en œuvre du système de vérification de l'OTICE. On retiendra également l'organisation, par Business France Autriche, d'une journée de rencontre entre des industriels français. La France est devenue en 2016 le 7e fournisseur des organisations du système onusien, pour un volume de 609,5 millions de dollars, en hausse de 12% par rapport à 2015 (544 M USD) représentant une part de marché de 3,4%. Cette statistique d'ensemble recouvre évidemment des situations variables d'une organisation à l'autre. La Représentation permanente travaille en étroite collaboration avec Business France et reste attentive à favoriser les contacts entre les entreprises françaises et les Organisations que nous suivons, et cela dans l'intérêt des premières comme des secondes

II. Sommaire

Contenu

I. Éditorial	1
II. Sommaire	1
III. Conférences et ateliers à venir de l'OTICE	2
VI. Postes vacants à l'OTICE	7
VII. Appels d'offre de l'OTICE	12

Rappels sur la lettre mensuelle d'informations : Cette lettre comporte des tableaux compilant (i) des conférences internationales et des réunions techniques organisées par l'OTICE et potentiellement d'intérêt pour les industriels été experts français, (ii) les besoins de l'OTICE en experts mis gratuitement à sa disposition par les Etats membres (salaires et charges pris en charge par l'employeur), (iii) des appels d'offres commerciaux lancés par l'OTICE et (iv) des postes vacants stratégiques.

III. Conférences et ateliers à venir de l'OTICE

Intitulé	Objectif	Dates	Lieu	Correspondant OTICE	Date limite d'enregistrement
Regional Introductory Course 23	To increase knowledge and basic awareness of the OSI regime and to identify possible candidates for addition to the roster of surrogate OSI inspectors.	8-15 April	Buenos Aires, Argentina	OSI	
<u>TECHNICAL TRAINING FOR RADIONUCLIDE STATION OPERATORS WITH SPALAX EQUIPMENT</u>	To provide IMS station operators with the required knowledge and technical understanding of SPALAX noble gas monitoring systems in order to perform operations and maintenance tasks.	9 - 12 April 2018	Poissy, France	Mr Kevin Murray Training Assistant, IDC/CBT CTBTO Preparatory Commission P.O.Box 1200 1400 Vienna, Austria Tel.:+43 1 26030 6327 Fax:+43 1 26030 5973 Email: training@ctbto.org	4 February 2018 <u>RF TT SPALAX Equipment</u>
<u>TECHNICAL TRAINING FOR RADIONUCLIDE STATION OPERATORS WITH SAUNA EQUIPMENT</u>	To provide IMS station operators with the required knowledge and technical understanding of SAUNA noble gas monitoring systems in order to perform operations and maintenance tasks.	9-13 April 2018	Uppsala, Sweden	Ms. Johanna Fessl Training Assistant, IDC/CBT CTBTO Preparatory Commission P.O.Box 1200 1400 Vienna, Austria Tel.:+43 1 26030 6484 Fax:+43 1 26030 5973 Email: training@ctbto.org	4 February 2018. <u>RF TT RSO SAUNA EQUIPMENT</u>
<u>TECHNICAL TRAINING FOR STATION OPERATORS OF IMS INFRASOUND STATIONS WITH GURALP AND NANOMETRICS EQUIPMENT</u>	To provide Station Operators with operational knowledge, technical understanding and relevant hands-on training on operation, maintenance and troubleshooting of IMS infrasound stations with Guralp and Nanometrics equipment.	9-13 April 2018	Vienna International Centre, Vienna, Austria	Ms. Johanna Fessl Training Assistant, IDC/CBT CTBTO Preparatory Commission Vienna International Centre P.O.Box 1200 1400 Vienna, Austria Tel.:+43 1 26030 6484 Fax:+43 1 26030 5973 Email: training@ctbto.org	5 February 2018 <u>RF TT SO GURALP AND NANOMETRICS EQUIPMENT</u>
Visual Observation and Radionuclide Techniques	• To familiarize trainees with the geologic, anthropogenic and radionuclide observables associated with an underground nuclear explosion.	10-15 April	Buenos Aires, Argentina	OSI	

<u>TECHNICAL TRAINING FOR STATIONS OPERATORS OF SEISMIC STATIONS & HYDRO T-PHASE WITH NANOMETRICS EQUIPMENT</u>	To provide Station Operators with the basic knowledge and technical understanding on the operations, maintenance and management of an IMS station using waveform technology and, more specifically, to provide hands-on training on Nanometrics equipment.	16-20 April 2018	Vienna International Centre, Vienna, Austria	Mr Kevin Murray Training Assistant, IDC/CBT CTBTO Preparatory Commission Vienna International Centre P.O.Box 1200 1400 Vienna, Austria Tel.:+43 1 26030 6327 Fax:+43 1 26030 5973 Email: training@ctbto.org	6 March 2018 RF TT SO <u>Seismic Stations and Hydro TPhase</u>
Build up Exercise Task Force	To develop the exercise scenarios for the build-up exercises contained in the OSI Exercise Plan 2016-2020.	25-27 April 2018	Vienna International Centre, Vienna, Austria	OSI	
Technical Meeting on the IDC Validation and Acceptance Test Plan	The objective is to continue the process of completing the IDC Validation and Acceptance Test Plan. The focus for this particular meeting will be on reviewing the results from the Experiment 2, conducted in September 2017. Progress in this regard will be presented at WGB-51.	3-4 May 2018		Mr Kevin Murray Training Assistant, IDC/CBT Preparatory Commission for the CTBTO Vienna International Centre P.O.Box 1200 1400 Vienna, Austria Tel.:+43 1 26030 6327 Fax:+43 1 26030 5973 Email: conferences_and_workshops@ctbto.org	
<u>2018 NDC WORKSHOP</u>	As discussed in WGB-48 and WGB-49 NDCS Sessions, the Workshop will focus on the ability of National Data Centres (NDCs) to carry out their verification activities, including their approaches to access IMS data and IDC products; and SHI and RN data sharing among NDCs.	6-10 May 2018	Algiers, Algeria	Ms. Johanna Fessl Administrative Assistant, IDC/CBT CTBTO Preparatory Commission P.O.Box 1200 A-1400 Vienna, Austria Tel.:+43 1 26030 6484 Fax:+43 1 26030 5973 Email: conferences_and_workshops@ctbto.org	On-line registration and abstract submission: 17 February 2018
CTBT Science Diplomacy Symposium	<ul style="list-style-type: none"> • To raise awareness and understanding on CTBT and its verification regime; • To stimulate creative thinking about facing challenges; • To encourage cooperative and collaborative academic research and teaching; and • To serve as a catalyst for major upgrade to e-learning package. 	21 May - 1 June (to be confirmed)	VIC, Vienna	- LEGREL	-
Expert Meeting on OSI Resonance Seismometry	[TO BE PROVIDED]	30 May - 1 June		OSI	-

<u>Technical Training Programme for Russian-Speaking Station Operators of Waveform Stations</u>	To provide Station Operators with specific equipment training, knowledge and technical understanding of the operation, maintenance and management of IMS seismic and infrasound stations.	28 May - 1 June 2018	Dubna, Russian Federation	Mr Kevin Murray Training Assistant, IDC/CBT Preparatory Commission for the CTBTO Vienna International Centre P.O.Box 1200, A-1400 Vienna, Austria Tel.:+43 1 26030 6327 Fax:+43 1 26030 5973 Email: training@ctbto.org	no later than 6 April 2018.
<u>NDC Capacity Building: NDC Infrasound Data Analysis Training</u>	<ul style="list-style-type: none"> Building and/or improving the National Data Centre capabilities; Providing participants with sufficient knowledge for accessing and using IMS data and IDC products; Providing participants with sufficient knowledge for understanding infrasound sources and atmospheric propagation; and Providing practical experience in processing and analyzing IMS infrasound data with NDC-in-a-Box tools. 	4 - 8 June 2018	VIC, Vienna	Ms Johanna Fessl Training Assistant, IDC/CBT CTBTO Preparatory Commission P.O.Box 1200 1400 Vienna, Austria Tel.:+43 1 26030 6484 Fax:+43 1 26030 5973 Email: training@ctbto.org	no later than 6 April 2018. <u>RF NDC Capacity Building June 2018</u>
<u>Training Course on NDC Capacity Building: Access and Analysis of Waveform IMS Data and IDC Products</u>	<ul style="list-style-type: none"> Understanding the roles of National Data Centres in the verification regime; Building and/or improving the National Data Centre capabilities; Providing participants with sufficient knowledge for accessing and using IMS data and IDC products, and Providing practical experience in analyzing IMS data. 	18 - 29 June 2018	VIC, Vienna	Ms. Johanna Fessl Training Assistant, IDC/CBT CTBTO Preparatory Commission Vienna, Austria P.O.Box 1200 1400 Vienna, Austria Tel.:+43 1 26030 6484 Fax:+43 1 26030 5973 Email: training@ctbto.org	no later than 18 April 2018. <u>Registration Form TC NDC Capacity Building</u>
Field - test Multispectral Imaging including infrared (MSIR)	<ul style="list-style-type: none"> To assess the current capability of the OSI MSIR configuration for selected aircraft measured against the desired functionality of the system. 	19 - 22 June 2018	Austria		OSI
<u>Training Course on NDC Capacity Building: Access and Analysis of Radionuclide IMS DATA and IDC Products</u>	<ul style="list-style-type: none"> Understanding the roles of National Data Centres in the verification regime; Building and/or improving the National Data Centre capabilities; Providing participants with sufficient knowledge for accessing and using IMS data and IDC products, and Providing practical experience in analyzing IMS radionuclide data. 	2-20 July 2018	Vienna International Centre, Austria	Mr Kevin Murray IDC/CBT, CTBTO Preparatory Commission Vienna, Austria P.O.Box 1200 1400 Vienna, Austria Tel.:+43 1 26030 6327 Fax:+43 1 26030 5973 Email: training@ctbto.org	no later than 7 May 2018. <u>RF TC NDC Capacity Building July</u>
CTBTO Youth Group Conference	<ul style="list-style-type: none"> To promote youth engagement in advancing peace and security; To seek youth involvement in furthering the entry into force of the Treaty; To promote gender-balanced representation among nuclear disarmament and non-proliferation experts; To raise awareness and understanding of risks posed by nuclear testing by visiting Semipalatinsk test site; and 	27 - 30 August (to be confirmed)	Astana and Semipalatinsk Kazakhstan	LEGREL	-

	<ul style="list-style-type: none"> To stimulate youth research and coverage of nuclear test-ban related issues)			
Training Course on NDC Capacity Building: Access and Analysis of Radionuclide IMS Data and IDC Products	<ul style="list-style-type: none"> Understanding the roles of National Data Centres in the verification regime; Building and/or improving the National Data Centre capabilities; Providing participants with sufficient knowledge for accessing and using IMS data and IDC products, and Providing practical experience in analyzing IMS radionuclide data. 	3-21 September 2018	Vienna International Centre, Austria	Ms Johanna Fessl IDC/CBT, CTBTO Preparatory Commission Vienna, Austria P.O.Box 1200 1400 Vienna, Austria Tel.:+43 1 26030 6484 Fax:+43 1 26030 5973 Email: training@ctbto.org	no later than 18 June 2018. RF TC NDC Capacity Building Septem er 2018
Field test geophysical techniques	TO BE PROVIDED	10 - 14 September 2018	Austria	OSI	OSI
Expert meeting on rapid deployment and field infrastructure	TO BE PROVIDED	24 - 27 September 2018		OSI	OSI
Table - top exercise on operations support centre/IDC interaction in an OSI	TO BE PROVIDED	1 - 3 October 2018	VIC Vienna	OSI	OSI
Technical Training for PKI Operators for RN and Waveform Stations	To provide PKI Operators with the basic knowledge and technical understanding on Data Authentication, Public Key Infrastructure (PKI) concepts and terminology and Data Surety, how to generate key pairs and submit certificate requests, and how to retrieve and install certificates for radionuclide and waveform station systems such as SSI, Guralp, Nanometrics.	New Date: 1-5 October 2018 (original scheduling: 7-11 May 2018)		Mr Kevin Murray Training Assistant, IDC/CBT CTBTO Preparatory Commission Vienna International Centre P.O.Box 1200 1400 Vienna, Austria Tel.:+43 1 26030 6327 Fax:+43 1 26030 5973 Email: training@ctbto.org	no later than 16 July 2018.

Third training cycle advanced course	To BE PROVIDED	7 – 20 October	South africa	OSI	OSI
Third training cycle ground and airborne visual observation techniques	To BE PROVIDED	22 – 26 October	South africa	OSI	OSI
Build - up Exercise Task Force	to further develop the exercise scenarios for the build-up exercises contained in the OSI Exercise Plan 2016-2020	29 – 31 October	VIC Vienna	OSI	OSI
OSI Workshop 24	To focus on the scientific and legal issues related to the conduct of an OSI in different climates or geophysical environments; events other than underground nuclear explosions and in areas beyond the jurisdiction or control of any state; and the practical and organizational challenges of mounting an OSI on the high seas.		National Oceanography Centre, Southampton, UK	OSI	OSI

 : Pour les inscriptions à ces conférences internationales, consulter les liens dédiés (dans la première colonne). Pour plus d'annonces de conférences, consulter le site de l'AIEA au lien suivant : <http://www-pub.iaea.org/iaeameetings/>.

VI. Postes vacants à l'OTICE

La liste des postes vacants est accessible à l'adresse suivante : <https://jobs.ctbto.org/ERecruitmentPublicWeb/home.do?activeTab=1>

Référence	Intitulé du poste	Descriptif/Rôle	Direction	Section	Grade	Contrat	Date limite de candidature
Lead Analyst	VA50-08-2018	<p>Under the overall guidance of the Director, International Data Centre and the direct supervision of the Chief, Monitoring and Data Analysis Section, the incumbent will be responsible for the following duties:</p> <ul style="list-style-type: none"> • Perform the responsibilities of a seismic/acoustic data analyst and act as a team leader for Associate Analysts (SHI), providing guidance to less experienced analysts on a daily basis; • Perform interactive analysis of seismic, hydroacoustic and infrasound (SHI) data to detect, locate and characterize events; • Provide technical supervision on questions of analysis to Associate Analysts (SHI) and review their work before it is processed further; • Provide training to new Associate Analysts (SHI); • Coordinate the work of data analysts to ensure timely issuance of all analysts-reviewed SHI products; • Perform other duties as assigned. 	<u>International Data Centre</u>	Monitoring and Data Analysis Section	P3	fixed term of three years	11 mai 2018
Processing Engineer	VA202-09-2018	<p>Under the overall guidance of the Director, International Data Centre and the direct supervision of the Chief, Automatic Processing Systems Section, the incumbent will be responsible for the following duties:</p> <ul style="list-style-type: none"> • Operate and monitor the software modules for automatic real-time processing of data of a global network of radionuclide, seismic, hydroacoustic and infrasound sensors; the operating systems; the database interfaces; the distributed transaction management software and other COTS software; • Provide support to the analysts in all of these technologies, ensuring the reliable operation of the interactive analysis software tools; • Provide written reports on software problems, configuration changes and technical issues and implement and test new operational software releases; • Participate in the development and testing of ancillary software to support operations; • Provide guidance and training to trainees assigned to the Section; • Perform other duties as assigned. 	<u>International Data Centre</u>	Automatic Processing Systems Section	P3	fixed term of three years	13 mai 2018

Legal Officer - Multiple positions	VA173-12- 2018	<p>Under the overall guidance of the Director, Legal and External Relations Division and the direct supervision of the Chief, Legal Services Section, the incumbent will carry out the following duties:</p> <ul style="list-style-type: none"> • Prepare legal advice, reports, memoranda and correspondence on procedural or substantive matters pending in the Preparatory Commission or its subsidiary bodies, including public international law questions as these affect the Preparatory Commission, in particular with respect to the Comprehensive Nuclear Test Ban Treaty (CTBT) and the text on the Establishment of the Preparatory Commission for the CTBTO, national implementation and preparation for entry into force of the CTBT and questions of privileges and immunities; • Promote legal aspects of the CTBT and the Commission's legal technical assistance programme in meetings and workshops; liaise with representatives of other organizations and represent the Section in meetings on matters of mutual interest or cooperation; • Review and provide legal advice on the drafting, negotiation, interpretation and implementation of contracts related to the procurement of goods and services, agreements with States or other international organizations; • Review and provide legal advice on the development, interpretation or applications of financial and staff regulations and rules and administrative issuances and represent the Section on internal bodies and task forces; • Review and prepare legal advice for use in dispute settlement proceedings, including briefs for submission in appeals of administrative decisions; • Perform other duties as assigned. 	Legal and External Relations Division	Legal Services Section	P4	fixed term of three years	13 mai 2018
--	------------------------------------	--	--	------------------------------	----	------------------------------	-------------

Processing Systems Officer	VA75-10-2018	<p>Under the overall guidance of the Director, International Data Centre (IDC) and the direct supervision of the Chief, Automatic Processing Systems Section, the incumbent will be responsible for the following duties:</p> <ul style="list-style-type: none"> • Lead operation, monitoring, and maintenance of operational real-time data processing ‘pipelines’ which automatically process data from the global network of sensors as well as the state of the hardware and software of the systems, including ensuring reliable operation of the interactive analysis tools and other IDC processes; • Liaise between software development staff and operational staff to ensure smooth transition of software improvement projects; • Manage complex configurations of a large body of source code, written in multiple programming languages; review, write and implement configuration changes, enhancement requests, problem reports and associated documentation • Build releases, design and utilize test cases, organize and perform testing, package software for deployment; • Review and implement configuration change requests from software developers and manage and maintain the source code control system in use in the CTBTO; • Develop training material and user guides as required and provide guidance and training to trainees assigned to the Unit; • Perform other duties as assigned. 	International Data Centre	Automatic Processing Systems Section	P4	fixed term of three years	13 mai 2018
----------------------------	------------------------------	--	---------------------------	--------------------------------------	----	---------------------------	-------------

Seismoacoustic Operations Officer	VA199-11-2018	<p>Under the overall guidance of the Chief, Operations Section and the direct supervision of the Head, Monitoring Facilities Operations Unit, International Data Centre Division, (IDC), the incumbent will be responsible for the following duties:</p> <ul style="list-style-type: none"> • Monitor the operations of IMS stations including evaluation of station performance, identify problems with data acquisition or data quality and communicate with the station operators; • Review, make preliminary evaluation, classify and update reports as well as ensure proper distribution and storage thereof. Assure the conformity with the IMS operational procedures; • Participate in the IMS station troubleshooting, evaluation and trouble reporting. In coordination with PTS maintenance and support staff and with IMS station operators, manage incidents and provide assistance for first level maintenance at the IMS stations; • Prepare Post Certification Activity terms of reference for contracts and assist in the evaluation of the new proposals. Contribute to the evaluation of the station operators through the monthly reports and summary reports; participate in the revision of the new post certification activities budgets; • Collaborate in the development of operational procedures, contribute to the development of technical documentation, as required; • As part of a team, participate in the Operations Center activities, monitoring the status of the IMS Network and provide assistance on the development of new procedures; • Visit IMS stations periodically for training purposes and development of on-site experience; • Perform other duties as assigned. 	International Data Centre Division	Operations Section	P3	fixed term of three years	13 mai 2018
-----------------------------------	-------------------------------	---	------------------------------------	--------------------	----	---------------------------	-------------

Data Analysis Assistant	<u>VASTAIMS-005-2018</u>	<p>Under the overall guidance of Chief, Monitoring Facilities Support Section and the direct supervision of the Head, Logistics Support Unit, International Monitoring System Division (IMS), the incumbent will carry out the following duties:</p> <ul style="list-style-type: none"> • Contribute to the development of the Organization's Sustainment and Support Analysis capability by providing direct support to the Logistics Support Unit/Analysis Team; • Perform tasks associated with extract, transform, load (ETL) of sustainment data using the provided software and tools; • Assist modelling and updating models created for sustainment optimization of IMS stations; • Assist reviewing various business processes ranging from shipping procedures to repair routes; • Assist documenting analysis related processes and database structures; • Assist maintaining the Modelling Environment (built up by virtual machines, accounts and simple databases) by keeping up to date of various software licenses, warranties, of hardware and software used by the analysis team; • Undertake tasks related to the procurement of services and goods related to analysis and modelling; • Perform other relevant duties as assigned. 	International Monitoring System Division	Monitoring Facilities Support Section	G5		4 mai 2018
Computer Network Technician	<u>VA323-15-2018</u>	<p>Under the overall guidance of the Director, International Data Centre Division (IDC) and the direct supervision of the Head, GCI and Network Operations Unit, the incumbent will carry out the following duties:</p> <ul style="list-style-type: none"> • Support the diagnosis and resolution of service interruptions or other problems in the network and communications services and, as necessary, escalate the incident to the next level or work with maintenance contractors to restore network services; • Support the procurement, installation, continuous operations and maintenance of terrestrial and satellite wide area network communications and local area network communications, including daily monitoring of network status; • Review and update trouble tickets relating to network incidents; • Support remote access VPN token users, create VPN user accounts, and prepare reports on token usage; • Collect and maintain service statistics records and prepare reports on these statistics; • Prepare reports on the status of equipment and reports in relation to the disposal of obsolete equipment; • Perform other duties as assigned 	International Data Centre Division (IDC)	GCI and Network Operations Uni	G5		28 avril 2018

Il est vous également possible, désormais, de vous abonner [au flux RSS associé](#), afin d'être informé en temps réel des dernières offres disponibles.

 : Pour plus d'informations sur l'annonce, cliquer sur lien hypertexte dans la première colonne.

Pour information, un niveau P4 exige 7 années d'expérience et rétribue à partir de 110 k\$/an ; un niveau P5 exige 10 années d'expérience et rétribue à partir de 132 k\$/an ; un niveau D1 exige 15 ans d'expérience et rétribue à partir de 156 k\$/an.

VII. Appels d'offre de l'OTICE

Les appels d'offres lancés par l'OTICE sont consultables à l'adresse suivante : <http://ctbto.org/service/procurement/>

Référence	Objet	Date d'ouverture de l'appel d'offre	Date limite de réponse à l'appel d'offre
RFP No. 2018-0018/JIBRIL	Procurement, Installation and Configuration of Mirror Office Storage Array System 2018	28-févr.-2018	10-avr.-2018 17:00
RFP No. 2018-0030/THORVALSDOTTIR	Field Air Conditioners, Diesel Electric Heaters and Accessories, on a Call-off Basis	21-mars-2018	20-avr.-2018 17:00
RFQ No. 2018-0036/THORVALSDOTTIR	Design and Construction of an OSI Airborne Techniques Simulator	23-mars-2018	13-avr.-2018 17:00
RFQ No. 2018-0042/THORVALSDOTTIR	Testing Materials for Argon Separation from Air	29-mars-2018	18-avr.-2018 17:00
RFQ No. 2018-0039/THORVALSDOTTIR	Concept of Operation for the Transmission of Data between the Inspection Area and the Base of Operations for CTBT OSI	29-mars-2018	13-avr.-2018 17:00
RFQ No. 2018-0040/THORVALSDOTTIR	Heart Rate Monitoring System	29-mars-2018	11-avr.-2018 17:00
RFQ No. 2018-0043/THORVALSDOTTIR	Blood Analysis System	29-mars-2018	16-avr.-2018 17:00
RFQ No. 2018-0044/RAHMAN	Extension of Vehicle Turning Circle at AIT to support the Construction and Operation of the Permanent ESMF	29-mars-2018	12-avr.-2018 17:00

 Pour plus d'annonces d'appels d'offre de l'OTICE, consulter la page dédiée : <http://ctbto.org/service/procurement/>