

Action for Critical Infrastructure Protection

Our mission is to foster the emergence of innovative, qualified, efficient and competitive security solutions, through the networking of European experimental capabilities.

 **newsletter no. 7**

THEMATIC GROUP MEETINGS IN SUMMARY

Applied Biometrics for CIP TG

3rd meeting on 22 July 2013, JRC Ispra

The group, coordinated by CAST (UK) had its meeting at the JRC Ispra (VA), Italy, with 15 participants. The group continued to elaborate its Work Programme for 2013-2014, which focuses on Automated Border Controls, physical access control, logical access control, mobile identity checks, and biometric recognition of individuals from CCTV. The next meeting will be held on 18 October 2013 in London.

Radiological and Nuclear Threats to Critical Infrastructure TG

2nd meeting on 9 -10 September 2013, JRC Ispra

Altogether 15 participants took part in the meeting of this Thematic Group, which started its activity in April 2013. The group, coordinated by the Finnish Nuclear Safety Authority STUK, finalised its work programme for 2013-2014, which focuses on three tasks: list-mode data acquisition based on digital electronics; remote expert support of field teams; and remote controlled radiation measurements and sampling using unmanned vehicles. The current meeting discussed especially the first task, based on several expert presentations. The first deliverable of the group, an analysis of current state-of-the-art of knowledge and expertise in list-mode data acquisition, will be prepared by the end of 2013. The next meeting, focusing on the second task, will be on 14-15 November 2013 at the JRC Ispra.

Resistance of Structures to Explosion Effects TG

8th meeting on 24-25 September 2013, JRC Ispra

Under the coordination of the Fraunhofer EMI (Germany), 14 members of the group gathered at the JRC Ispra with the main purpose to finalize the "Review Report of testing methods", focusing on and comparing the three methods of testing glass elements' resistance against explosives: high explosives, shock tube, and numerical methods. A plan to implement the Work Programme's second task, "Derivation of common test procedures", was introduced in the meeting. It was agreed that a telephone conference will be held 3 December 2013, and a physical meeting will be organized on 27-28 February 2014 in Germany.

Aviation Security TG

Sub-group on Common Testing Methodologies (CTM)

Meeting on 25-26 September 2013 in Brussels

This sub-group met in secure premises to review the latest proposals produced by the European Civil Aviation Conference (ECAC) for the Common Testing Methodologies for the EDS (Explosives Detection System) and LEDS (Liquids Explosives Detection System). The CTMs were reviewed against a number of criteria, including consistency of style and structure to other EU testing documentary standards, with the aim of validating the ECAC CTMs as suitable EU-harmonised conformity assessments for Explosives Detection and Liquids Explosives Detection systems designed for use in aviation security. The feedback derived from this meeting on these CTMs will be provided to ECAC.

Publications & Reports Abstracts

The State of the Art Report on European Legislation relating to Explosives and Explosive Detection System for non-aviation configurations

This report summarises European legislation relevant to explosive detection equipment, apart from that contained in the Aviation Security regulations. Although few other articles of EU law directly refer to explosive detection, a number of directives and regulations are relevant to it, in the fields of explosives for civil use and pyrotechnics, dual-use equipment, chemicals and the chemical industry, port and inland transport security, and radiation, electromagnetic and electrical safety. Future European legislation in this field may be expected to conform to the principles of the EU's New Legislative Framework, according to which harmonized standards are used to express detailed technical specifications. Current standardisation work is therefore also briefly described.

Testing Security: the Critical Infrastructure Operators' View

On 12-13 September ERNCIP organised a workshop in Brussels for operators of critical infrastructure in order to intensify the collaboration with operators into the work of ERNCIP, facilitate a better understanding of their needs and create a forum where operators could evaluate the work of ERNCIP. Altogether around 50 people representing different sectors such as energy, transportation and water across Europe met to exchange experiences and views related to risk assessment, protection, resilience, crisis management and future technology with corresponding challenges, needs and solutions.

The coordinators of the thematic groups presented the work within their respective thematic areas and received feedback accordingly. Participating in the dialogue were also technology providers, national authorities, representatives from NIST of the US, DG Home, DG Enterprise and DG Echo. The workshop resulted in a number of conclusions regarding risk management, crisis management and protection technology summarised on ERNCIP website <http://ipsc.jrc.ec.europa.eu/?id=688>.

The most recurring standards in ERNCIP Inventory

ERNCIP is currently developing solutions to improve the quality of the data provided to our stakeholders and, particularly for ERNCIP Inventory users, to make the search of information on experimental facilities faster and easier to execute. Among the efforts recently put in place, an assessment has been conducted on the most often recurring standards, best practices and guidelines used by the ERNCIP Inventory Members in their daily activities of testing and certification, as recorded in the Inventory after one year of being online.

The fact that more and more Inventory users are submitting queries with keywords like "ISO, ANSI, CEN, NIST, standards" suggests that further knowledge on the topic of standards, best practices and guidelines would be useful and that increased awareness of this topic could improve ERNCIP's activities. The list of most often recurring standards, best practices and guidelines can be accessed at the following link:

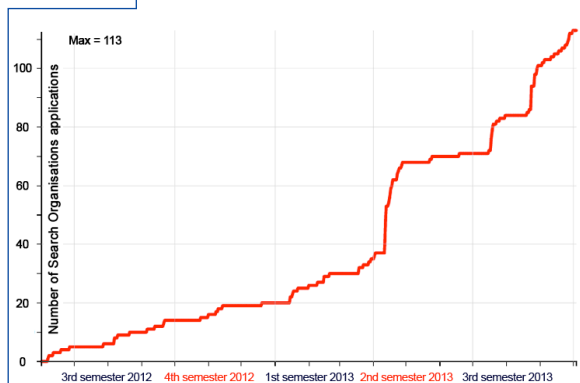
<http://ipsc.jrc.ec.europa.eu/?id=832>

ERNCIP Laboratories Inventory

The summer was a very important period for the ERNCIP Inventory. We initiated an email campaign directed at potential search users. As a result we experienced a great surge in the intensity of the search activity. In particular:

- The number of registered organisations entitled to search in the Inventory increased by 60% (see the graph)
- The average daily search activity increased by 460%

Furthermore, we are in the process of the initiation of a new project activity. During the following year we will focus on gathering requirements for the revised version of the ERNCIP Inventory system to be released in the future.



No. of organisations searching in the system

Link to the ERNCIP Inventory system at
<https://erncip.jrc.ec.europa.eu/>

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ERNCIP externally

Critical Infrastructure Preparedness and Resilience Research Network (CIPRNet) meeting, 13 September 2013

Back-to-back with the ERNCIP Operators' Workshop in Brussels, on 13 September 2013 a cooperation meeting with ERNCIP and the CIPRNet (Critical Infrastructure Preparedness and Resilience Research Network) project was organized. The latter is a four-year FP7 project, led by Fraunhofer IAIS, Germany, started in March 2013. JRC is a full partner of the project and the aim is to fully coordinate especially the ERNCIP activities with those of CIPRNet. The specific themes of the meeting included a discussion on the concept of 'resilience' in the context of critical infrastructures. For more information about CIPRNet, see www.ciprnet.eu.

Next Meetings/Events

- Thematic Network on Critical Energy Infrastructure Protection (TNCEIP)
1 & 2 October, Vienna
- CEN Technical Committee 391
Societal and Citizen Security
Association Française de Normalisation
3 & 4 October, Paris
- 6th Chemical & Biological Risks in the Water Sector TG
3 & 4 October, JRC Ispra
- 4th Applied Biometrics TG
18 October, London
- 5th ERNCIP Expert Group
22 October, Ispra
- 3rd Video Analytics and Surveillance TG
28 & 29 October, JRC Ispra
- Inaugural ERNCIP Academic Committee
12 November, JRC Ispra
- 3rd Radiological and Nuclear Risk TG
14 & 15 November, JRC Ispra