



SSN Group meeting 25

SSN Security Guidelines Update

EMSA's PKI changes

Agenda items 25.4.4 / 25.6.1

MSS Duty Officer

Department C: Operations/Unit C.2.2

Lisbon / 11 May 2016



- **The SSN Security Guidelines describe the security requirements and management of the users in accordance with the security policy defined in Chapter 7 of the IFCD**
- **The SSN Security Guidelines v2.00 were approved by SSN group 19 (May 2013) following the approval of the IFCD v1.00 by the HLSG in December 2012**



- **Chapter 2: 2.1.6 Confidentiality - section r:**
 - “**Cargo residues**” included as commercially sensitive data
 - “**Names**” included as personal data
- **Annex B: User ID Naming convention:**
 - **Mandatory use of country code** (ISO 3166-1:2006 standard)
 - **Specific codes for EU institutions and agencies and international organisations has been added.**
 - **Code “XI”** has been changed from “IMO users” to “**EMSA contractor**”



- **Annex E: SSL protocols:**
 - The 2-way SSL protocol upgrade (presented at SSN Group 23) was implemented on 29 September 2015
 - The current protocols accepted for SSL connections have been included in a **new section entitled “SSL protocols and ciphers used at EMSA.”**
- **SafeSeaNet Streaming Interface references:**
 - References to the “NPR” (National Proxy) have been changed to the **“SSN-SI proxy”**



- **Root Certificate renewal is due by March 2019**
 - used to ensure the authenticity of all certificates involved in EMSA secure communications
- **More secure hashing algorithm is needed (SHA2)**
 - current algorithm is approaching end of life
- **Planned activity for 2016-17**
 - EMSA will issue and distribute new Root and Intermediate Certificates
 - MS will verify technical compatibility with Natl. SSN
 - MS install new certificates in Production systems



- **Member States are invited to:**
 - **Approve the revised SSN Security Guidelines (v2.10) presented**
 - **Take note on the estimated planning for the renewal of EMSA's Root and Intermediate certificates**
- **Following approval, the SSN Security Guidelines (v2.10) will be published on the SSN EMSA extranet site**



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