Setting up Command and Control in Emergencies. 
Russian Experience.

Purpose: Information
Submitted by: Russia
Setting up command and control in emergencies. Russian experience

THE MINISTER OF CIVIL DEFENCE, EMERGENCIES AND ELIMINATION OF CONSEQUENCES OF NATURAL DISASTERS OF THE RUSSIAN FEDERATION

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EMERCOM of Russia is the federal executive body, responsible for development and carrying out the state policy, legislation regulations, fire surveillance and supervision in the field of civil defence, population and territories protection in cases of natural and man-made disasters, fire safety and public safety on the water.
5 MAIN TASKS ARE ENTRUSTED TO EMERCOM OF RUSSIA:

- Development and implementation of state policy in the field of civil defense, protection of population and territories from emergencies, fire safety and public safety on the water;
- Elaboration and approval of draft laws and regulations in the field of civil defense, protection of population and territories from emergencies, fire safety and public safety on the water;
- Control and coordination in the field of civil defense, protection of population and territories from emergencies, fire safety and public safety on the water as well as management of federal executive bodies activity in the framework of All-Russian state system of prevention, preparedness and response;
- Implementation of regulatory control in order to prevent, predict and mitigate emergencies consequences as well as implementation of specific, approval, supervisory and control functions on the matters within the EMERCOM of Russia competence;
- Implementation of activities on organization and management of civil defense, emergency response, protection of population and territories from emergencies, fire safety and public safety on the water and implementation of measures on emergency humanitarian response including outside the Russian Federation territory.
THE ARRANGEMENT OF THE RUSSIAN UNIFIED SYSTEM OF PREVENTION AND RESPONSE TO EMERGENCY SITUATIONS

The Government Commission of Prevention and Response to Emergency Situations and Fire Safety Ensuring

The EMERCOM of Russia

Federal Executive Authorities

Functional subsystems

Strengths and capabilities

The Regional Centers of Civil Defense, Emergency and Disaster Relief

Crisis Management Centers (CMC)

The Executive Authorities of constituent entities of the Russian Federation

IC, MDS, Emergency Situation Commission

EMERCOM of Russia

The Main Administration of the EMERCOM of Russia of the Russian Federation Constituent Entities

Crisis Management Centers

Territorial bodies the Federal Executive Authorities

Strengths and capabilities

Informational centers, monitoring and duty services

The Russian Federation Presidential Plenipotentiary Envoy to Federal District (within the corresponding federal district)

The National Emergency Control Center

The State Commission "Russian Federal Atomic Energy Agency"

The Ministry of Defense

The Ministry of Health

The Ministry of Labor

The Ministry of Education and Science

The Ministry of Natural Resources

The Ministry of International Trade

The Ministry of Transport

The Ministry of Public Health

The Ministry of Agriculture

The Ministry of Telecommunication

The Ministry of Energy

The Ministry of Natural Resources

The Russian Federal Service for Ecological, Technical and Atomic Supervision

The Russian Federal Space Agency of the RF

The Federal Space Agency of the RF

The Federal Agency for Technical Regulation and Metrology

The Ministry of Regional Development

The Ministry of Economic Development and Trade

The Ministry of Transport

The Ministry of Agriculture

The Ministry of Telecommunication

The Ministry of Internal Affairs

The Ministry of Internal Affairs
THE STRUCTURES OF THE CRISIS MANAGEMENT CENTERS

- The National Emergency Control Center
- The Crisis Management Center of the Regional Center
- The Crisis Management Center of the main administration of the EMERCOM of Russia of the constituent entities of the Russian Federation

THE BASIC DIRECTIONS OF ACTIVITY OF THE CRISIS MANAGEMENT CENTERS

- the fulfillment of administrative bodies of RSSPRES and that of civil defense functioning, the management of strengths and capabilities of RSSPRES and that of civil defense
- the management of strengths and capabilities of the dynamic response of the EMERCOM of Russia while mitigation of consequences of the emergency situation in peaceful and wartime
- the collecting, processing, changing and issuing of the information in the field of the population and territory emergency protection

REGULATORY AND LEGAL BACKGROUND OF THE CRISIS MANAGEMENT CENTERS ESTABLISHMENT

THE FEDERAL LAWS
- As of December 21, 1994 № 68-ФЗ “About the population and territory emergency defense against the natural and man-made disasters”
- As of February 12, 1998 № 28-ФЗ “About civil defense”
- As of December 21, 1994 № 69-ФЗ «About Fire Prevention»

THE DECREES OF THE PRESIDENT OF THE RUSSIAN FEDERATION
- As of October 23, 2008 № 1515 “About the Federal State Institute “The National Emergency Control Center”
- As of February 15, 2011 № 195 “About some issues of the Ministry of Civil Defense, Emergency and Disaster Relief of the Russian Federation”

THE ACT OF THE GOVERNMENT OF THE RUSSIAN FEDERATION
- As of December 30, 2003 № 794 “About the Russian Unified State System on prevention and Response to Emergency Situations”

THE RESOLUTIONS OF THE GOVERNMENT OF THE RUSSIAN FEDERATION
- As of January 27, 2009 № 43-p about the establishment of the National Emergency Control Centers
- As of August 4, 2011 № 1391-p about the establishment of the crisis management centers in the regional centers and in the main administration of the EMERCOM of Russia
COORDINATION OF THE DAILY RSSPRES MANAGEMENT BODIES ACTIVITY ON THE REGIONAL, MUNICIPAL AND OBJECT LEVELS

The National Emergency Control Center

CMC of the regional centers

The strengths of the regional centers

The monitoring and duty services of the constituent entities of the Russian Federation

The strengths of the regional centers

The strengths of the EMERCOM of Russia of the constituent entity of the Russian Federation

The unified monitoring and duty services of municipal institutes

The monitoring and duty services

ACTIVITY OF THE NATIONAL CRISIS MANAGEMENT CENTER

NOTE: Administration

Interaction

The Situation Hall of the Operative duty shift

The Aviation Command Center

The All-Russian Public Alert and Warning System

The Psychological Aid Center

THE PROVISION OF THE PERFORMING OF THE EVENTS ON THE OPERATIONAL ISSUES SOLVING:
under the command of the President of the Russian Federation – 5;
under the direction of the Head of the Government of the Russian Federation – 4;
that of the federal operating headquarter and the Government commission on Prevention and Response to Emergency Situations and Fire Safety Ensuring – 33;
INFORMATIVE AND ADMINISTRATIVE COMPLEX DISTRIBUTED BY TERRITORIES

PROJECTED EVENTS ON THE DEVELOPMENT OF CRISIS MANAGEMENT CENTERS

To introduce the risk integral estimation and complex system of response into the work of the daily management bodies on the informative interaction while the obtaining of the special level of response to emergency situations.

To develop and deploy in the work of the daily management bodies the modern technologies of administration grounded on the integration and connection of the informative sources and with the informative resource of the Global National System deployment.

To determine and introduce into practical operation of the daily management bodies the prospective automated informative and administrating systems as following: the informational and reference ones; geo-informative; analytic; informational and estimating; the system of the decision making support; the development of the model-based variants of emergency situations.

To arrange the work on the introduction of the Russian technologies in the area of the crisis management and the forming of the international systematical many-sided instrument for prevention from man-made and natural catastrophes.
DEVELOPMENT OF INFORMATIONAL TECHNOLOGIES WITHIN THE ELECTRONIC GOVERNMENT AND "112" SYSTEM

1. ASSESSMENT - RESPONSE - INTERACTION - HELP TO A PERSON

The Executive Authorities of the constituent entities of the Russian Federation
The Federal Executive Authorities
The Ministry of Internal Affairs of Russia
The EMERCOM of Russia
The Ministry of Public Health of Russia
The Ministry of the regional development of Russia

The main administration of the EMERCOM of Russia of the constituent entity of the Russian Federation
The Crisis Management Center of the main administration of the EMERCOM of Russia
The National Emergency Control Center of the Government of the Russian Federation

The unified monitoring and duty services (UMDS)

Local Authorities
Municipal institutes

The regional system of inter-bodies electronic interaction

The system of inter-bodies electronic interaction

The Multifunctional Federal Center

The system of vessels' monitoring «VICTORIA»

The Automated Radiation Monitoring System (ARMs)

The Global Navigational Satellite System (GNSS)

The branched system of the water biological resources monitoring, the fishery vessels activity observation and control (WBR BSM)

The complex integrated informative system "MoRe"

The Automated Informational and Management System "TSUNAMI"

INTRODUCTION OF INFORMATIONAL TECHNOLOGIES AND DEVELOPMENT OF INFORMATIONAL INFRASTRUCTURE

USSWOC
The Unified State System of the Information about the World Ocean Condition

The Automated Informational and Management System "TSUNAMI"
The strengths of the main administration of the EMERCOM of Russia of the constituent bodies of the Russian Federation

The strengths of the elements of the RSSPRES territorial subsystems

The strengths of the unified monitoring and duty services of municipal institutions

The strengths of the elements of the RSSPRES territorial subsystems

The National Emergency Control Center

The CMC of the regional centers

The CMC of the main administration of the EMERCOM of Russia of the constituent bodies of the Russian Federation

The regional centers strengths

The EMERCOM of Russia strengths

The regional centers strengths

Note: — administration interaction

Federal level

International level

Regional level

Local level

IMPROVEMENT OF THE RSSPRES DAILY MANAGEMENT BODIES COORDINATION

The situation and crisis centers, informational centers, monitoring and duty centers of the Federal Executive Authorities (FEA)

Management bodies of the FEA

The regional centers strengths

The strengths of the elements of the RSSPRES territorial subsystems

The regional centers strengths

The unified monitoring and duty services of municipal institutions

The national CMC

The operating national CMC

The proposed national CMC

The operating regional centers

The proposed regional centers

DEVELOPMENT OF THE GLOBAL NET OF CRISIS MANAGEMENT CENTERS IN THE FOLLOWING ZONES: EUROPEAN UNION (EU), COMMONWEALTH OF INDEPENDENT STATES (CIS), SHANGHAI COOPERATION ORGANIZATION (SOC) AND ASIAN PACIFIC ECONOMIC COOPERATION (APEC)
BASIC DIRECTIONS OF IMPROVEMENT OF THE RSSPRES DAILY MANAGEMENT BODIES ACTIVITY IN THE CONSTITUENT ENTITIES OF THE RUSSIAN FEDERATION

To create and improve the organizational and staff structures of the informative centers, the monitoring and duty services of the regional executive bodies of the Russian Federation’s constituent entities capable for the informational interacting and the integrating of the informative resources.

To develop the full-time unified monitoring and duty services of the municipal institutes on the municipal level, the system of the callout of the emergency operative services under the single phone number “112”.

To introduce the modern technologies into the monitoring and duty services activity in the potentially fire-, explosive-, radioactive- and chemical hazardous objects with the establishment of the monitoring system, program and technical complexes on the forecasting and modeling of emergency situations development.

To arrange the system of specialists’ training (retraining) in the field of the modern technologies use and that of the informational systems on the ground of the innovative educational systems deployment.

To form the informational data bases with the use of the territorial safety data sheets of the corresponding administrative and territorial units of the Russian Federation on the ground of the unified technical policy and typed program decisions.

THANK YOU FOR YOUR ATTENTION

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