

**New Emergency Medical Service(EMS)**  
***10 years story; from US AID project to***  
***modern system in Poland***



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# Short history....from 1992 and ... USAID project

- ◆ In 1992 Milwaukee International Training center and 4 Polish sites established a partnership to improve a quality of EMS in Poland
- ◆ Education, ....medical professionals, rescue personel, medical students
- ◆ Training centers
- ◆ Standards development
- ◆ 1998 – NGO: Institute of Emergency Medicine
- ◆ 1999 – emegency medicine ; new specilalization for doctors was established

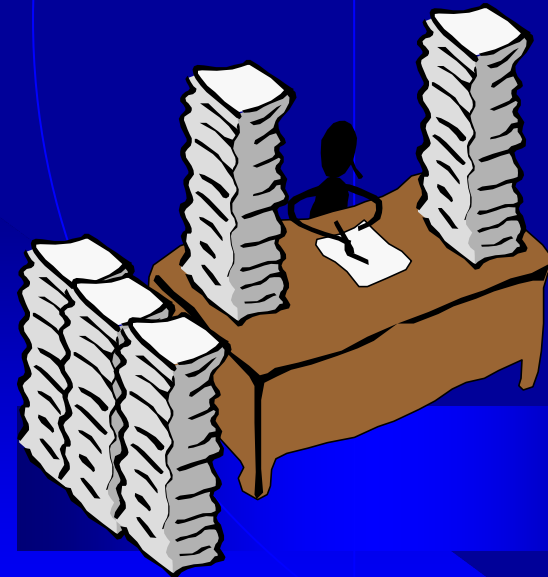
# *Short history ..from 1999*

- ◆ 1999 - Ministry of Health starts Integrated Medical Rescue System Programme
- ◆ investment plan 1999 - 2003
  - financing hospital emergency wards, dispatch and control centers, ambulances and medical equipment, HEMS, medical education
- ◆ 2000 - basis for EMS system has been created
- ◆ 2001 - National EMS Act is approved by Parliament

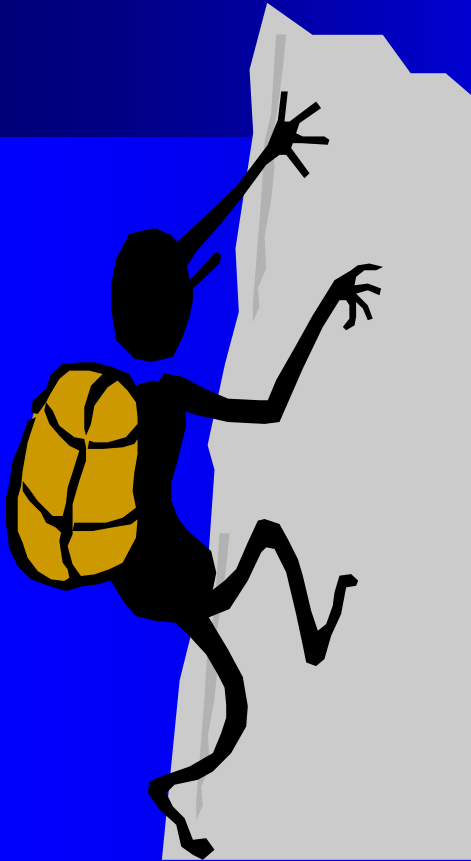
# ***EMS System***

**I - *Integrated Medical Rescue System***  
**Programme - Ministry of Health**

**II - *National EMS***  
**Act**



# **I. „Integrated Medical Rescue System” Programme**



- **Basis for building of the Medical Rescue System**
- **Preparation of activities preceding implementation of the EMS Act**

# I. „*Integrated Medical Rescue System*” *Programme*

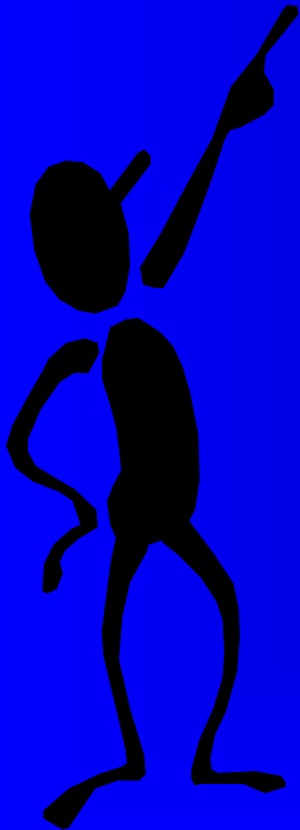
**AIM:** integration of all rescue subjects into one system  
having

a common dispatch and control network,

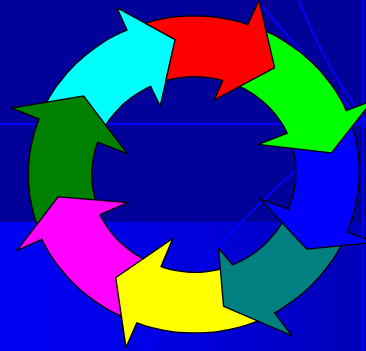
common rescue procedures,

compatible medical equipment and

a defined place in the „survival chain”



# ***Program Implementation***



- A) creating hospital emergency departments on the basis of existing units; creating new wards and a new medical specialty**
- B) increasing the number of ambulances**
- C) modernization and integration of the communication system (no 112)**
- D) Centers of Dispatch and Control**
- E) transformation of the Central Team of Sanitary Air Transportation into  
Emergency Air Services**

# ***TRAINING***

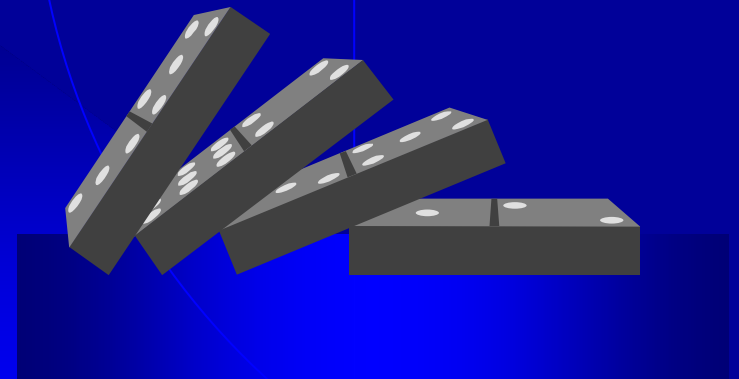
- ◆ **Physicians** - emergency medicine specialty
- ◆ **Nurses** - emergency medicine specialty
- ◆ **Paramedics**
- ◆ **Medical dispatchers**
  
- ◆ **Accreditation of training centers**
- ◆ **Information politics for professionals,  
promotion**





# ***Main Subjects of the Rescue System***

- ◆ hospital emergency departments
- ◆ medical rescue teams
- ◆ dispatch centers
- ◆ HEMS and teams of sanitary air transportation
- ◆ NGO'



## ***II. Legislative act on medical rescue system***

- ◆ ***Citizen act - rescue activities for each person being in a state of sudden threat of health or life, at the territory of Poland;***
- ◆ ***Part of the system of civil readiness and crisis management in the health care system***

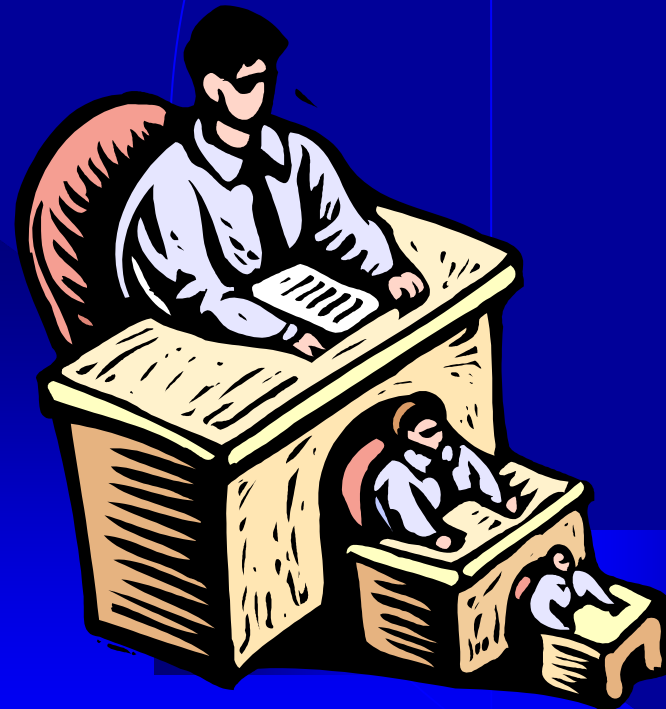
## ***The act defines:***

- ◆ ***Public administration suitable for medical rescue and their tasks in this area;***
- ◆ ***Organization of public administration in the area of medical rescue system;***
- ◆ ***Units of system, rules of including them into the system and financing rules;***

# ***ORGANIZATION OF PUBLIC ADMINISTRATION in the medical rescue area***

Organs of public administration in the area of  
medical rescue:

- ◆ A - MoH
- ◆ B - Voivod
- ◆ C - Starost



## **-A- Tasks of the Ministry of Health**

- ◆ **Control** of system functioning,
- ◆ **Coordination** of voivod rescue plans and voivod programmes in the area of medical rescue,
- ◆ **Initiating** research programmes,
- ◆ **Supporting** social initiatives in the area of developing the knowledge about medical rescue system,
- ◆ **Collaboration** with medical rescue organs in other countries and with international NGO's,

## **-B - Tasks of the voivod**

- ◆ **Control** of system functioning,
- ◆ **Coordination** of voivod rescue plans and voivod programmes in the area of medical rescue,
- ◆ **Initiating** research programmes,
- ◆ **Supporting** social initiatives in the area of developing the knowledge about medical rescue system,
- ◆ **Collaboration** with medical rescue organs in other countries and with international NGO's,

## - **C - Tasks of the Starost**

- ◆ **Management** of the system in the powiat area,
- ◆ **Organization** of the dispatch and control system,
- ◆ **Preparing** one-year powiat rescue plans and presenting them to the voivod,
- ◆ **Collaboration** with organs of neighbour communes and starosts of neighbour communes aimed at reaching agreements and delegating tasks in the area of rescue,
- ◆ **Recognition and monitoring** threats in the area of powiat,
  - ◆ For tasks in the field of medical rescue the starost appoints a plenipotentiary for medical rescue, who coordinates also the work of the dispatch and control center;

# Voivodship rescue plan

## On basis of:

- ◆ **regional characteristics** (topography, population, infrastructure)
- ◆ **risk analysis** (amount of acute medical cases, rescue interventions, hospitalizations)
- ◆ **actual medical structure** (amount and localization of DCCs, hospitals, rescue teams, HEMS bases, communication possibilities, available equipment)

## the voivod decides on:

- ◆ **operational regions** for medical rescue teams and hospital emergency wards
- ◆ **cooperation procedures** for different rescue subjects
- ◆ **rescue plans for major risk objects** (plants producing toxic waste, airports, refineries etc)





# ***Rescue Plan***

- ◆ **Characteristics of potential threats of life or health, that can appear on a given area**
- ◆ **Epidemiological analysis**
- ◆ **Analysis of the infrastructure necessary for system functioning**
- ◆ **Decision of tasks for system units**
- ◆ **Way of coordinating the activities of subjects described in the plan**

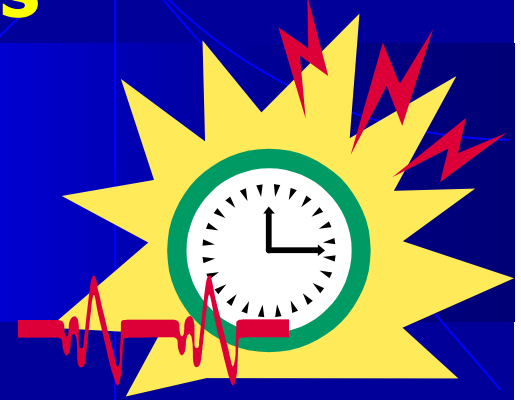
# ***Dispatch and Control Centre (DCC)***

- ◆ **DCC** is an integrated dispatcher's office situated in the structure of poviats joint administration;
- ◆ **DCC** can act on the area of poviats or poviats - on the base of agreements between starosts (confirmed by voivod);
- ◆ In the **DCC** there is an medical dispatcher on duty and physician on call, constantly;
- ◆ Standards of equipment for the **DCC** will be defined by the Ministry of Health, under a separate act;
- ◆ The voivod confirms the number of the **DCC**

# ***RULES OF SYSTEM FUNCTIONNING***

- ◆ **System units are:**
  - ◆ **emergency departments,**
  - ◆ **EMS teams;**
- ◆ **Including the unit into the system, as well as excluding**
- ◆ **it from the system is based on the administrative decision of the voivod;**
- ◆ **The voivod has a register of decisions (basis of planning the state budget for keeping the readiness of system);**
- ◆ **System units use system notation;**

# Distribution of medical rescue teams - criteria



## ◆ Time of arrival to accidents



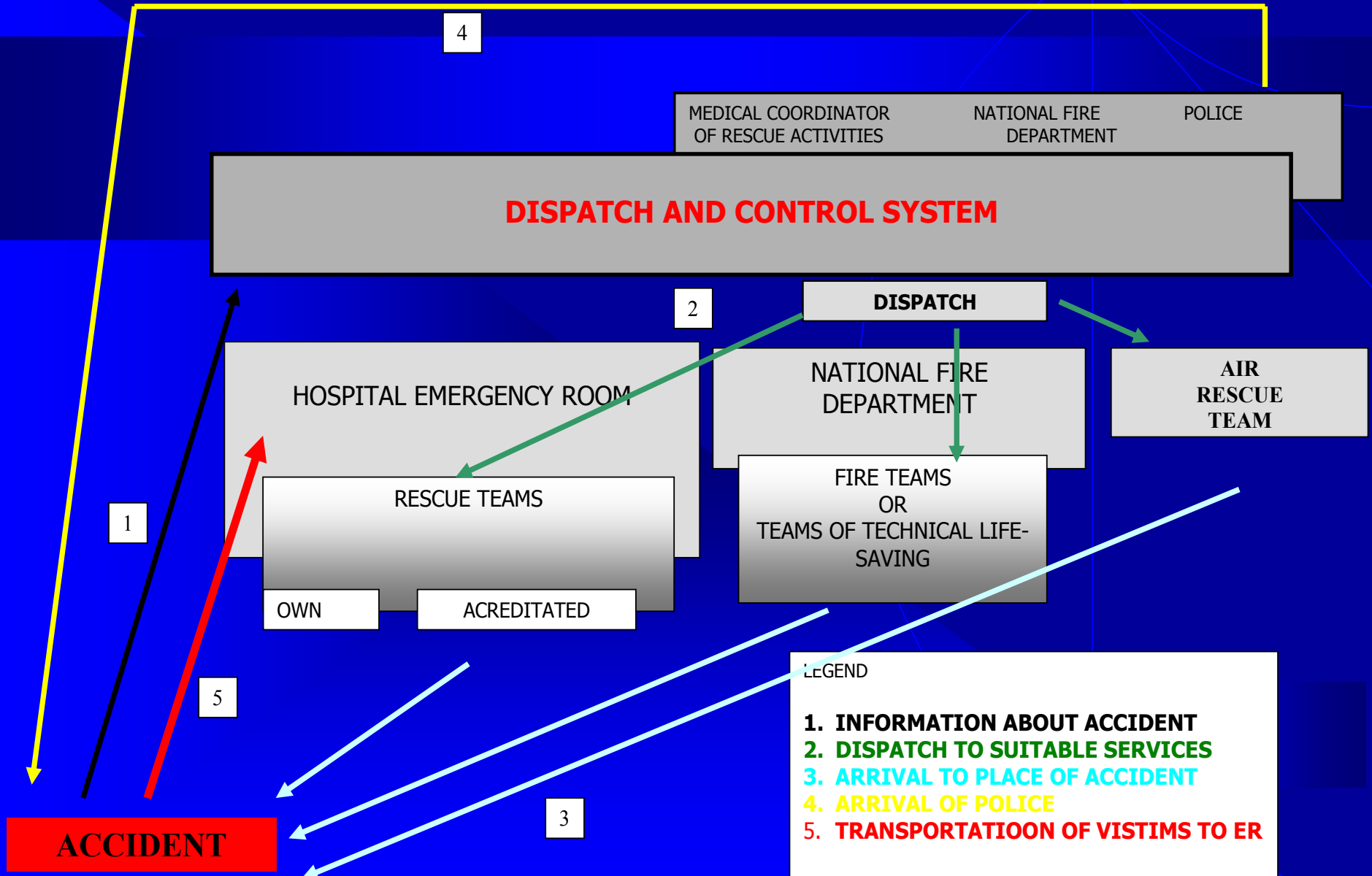
- ◆ 8 min. in cities for 75 % call in during one year;



- ◆ 15 min. outside the cities for 75 % call in during one year;

## ◆ Protection of places particularly dangerous

# Integrated Medical Rescue System



# *Public information*

- ◆ Newspapers
- ◆ TV (TVP, TVN, Polsat)
- ◆ Radio
- ◆ Regional meetings and press conferences