«MAYAK» RESCUE BEACON

1 MONITORS THE STATUS OF RESCUE WORKERS IN EMERGENCY SITUATIONS

2 MONITORS AIR PRESSURE IN BREATHING APPARATUS

3 PROVIDES EMERGENCY NOTIFICATION FOR RESCUE WORKERS

RADIO TRANSMITTER
(Sends an emergency signal and the rescue workers number wirelessly over a 1 km distance)

POWERFUL SIREN
(Indicates the rescue workers location)

HIGH INTENSITY FLASHING LED's
(Indicates the rescue workers location)

ALARM AND RESET BUTTONS

WHITE NOISE
(Indicates the rescue workers location

«IMMOBILITY DETECTOR»
(Activates after 45 seconds)
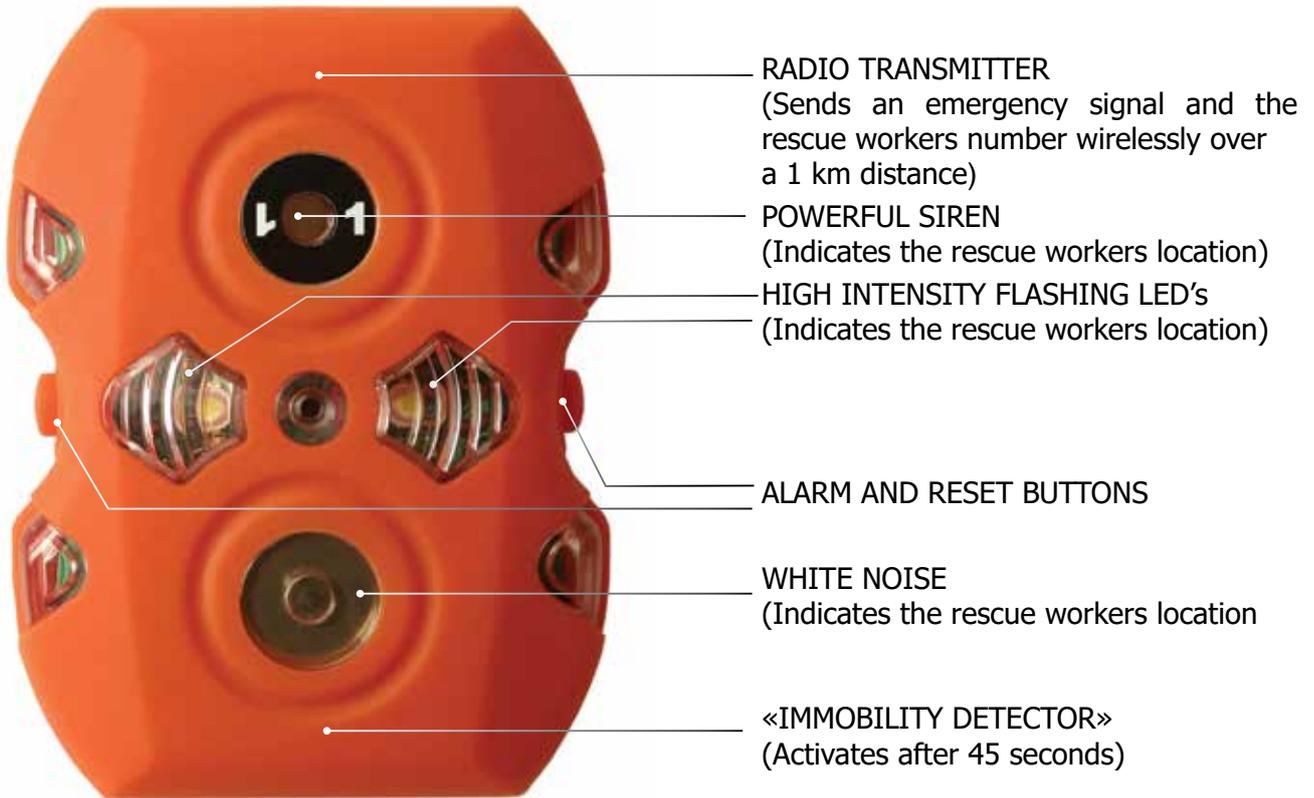
Mayak Beacon secured to rescue workers belt

Mayak Beacon secured to breathing apparatus strap

Watch the video!

YouTube

ALARM
MAYAK BEACON

ALARM
MAYAK BEACON

MOBILE CONTROL STATION
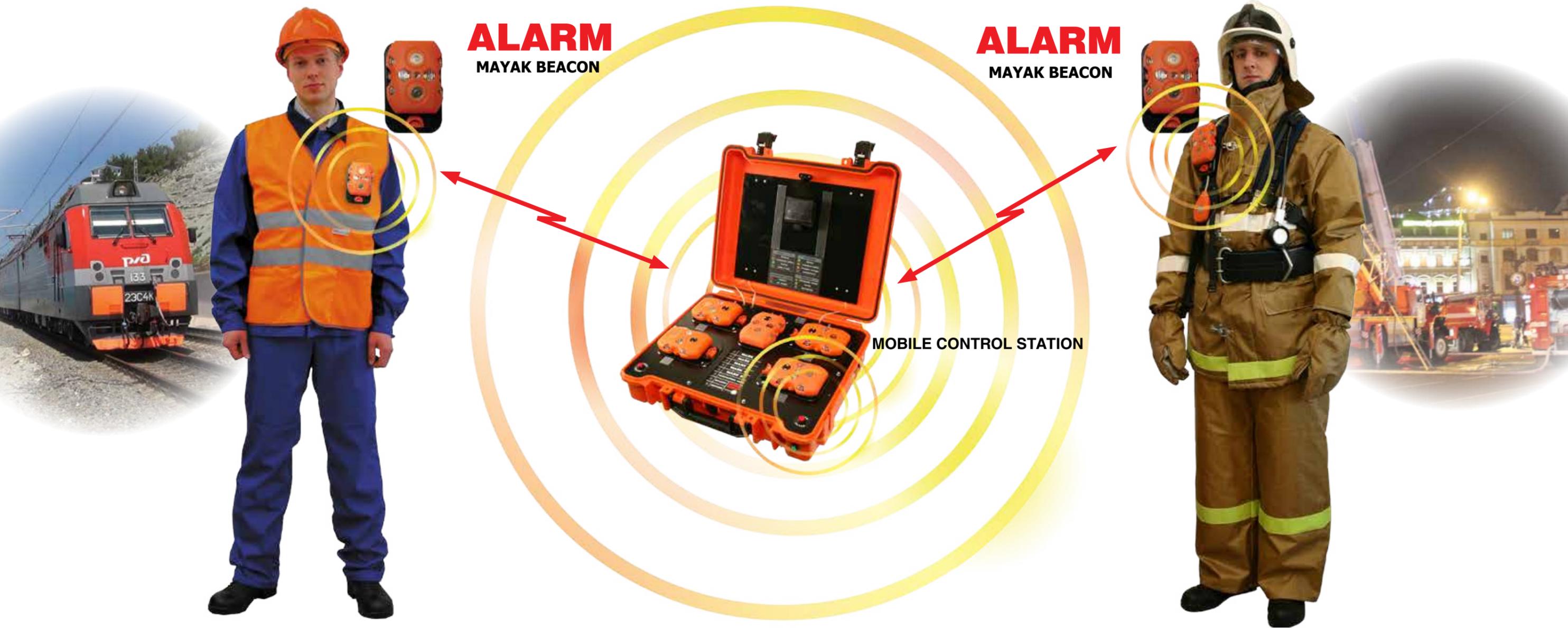
IF A RESCUE WORKER DOESN'T MOVE FOR 45 MANUALLY SENDS AN ALARM SIGNAL:

1 WIRELESS SIGNAL TO THE MOBILE SECURITY CENTER

The Mayak Beacon sends a wireless emergency signal with its identification number to the mobile and / or central control station to enable the rescue leader to react with immediate emergency actions to the rescue worker.

2 SIREN +WHITE NOISE

The Mayak Beacon alternates between two sound signals:
- a powerful siren (100 dB) which can be heard from 100 m away
- **«WHITE NOISE»**
 to locate a person in zero visibility
("White noise" technology was designed specifically for evacuation of naval ships)

3 HIGH INTENSITY FLASHING LIGHTS

The Mayak Beacon is equipped with two high intensisty LED's which are strategically positioned at different angles to locate the rescue worker from a 10-meter distance in a thick smoke.

4 WIRELESS COMMUNICATION WITH THE CONTROL STATION*

The Mayak Beacon can send an emergency signal with its location to the control station. The location of the Mayak Beacon can be clearly identified on the floor plan to provide detailed coordination by the rescue team.

* NOTE This system feature is only available if the city / town or the building has an operating «STRELETZ-MONITORING» system for emergency monitoring and mass notification.

2. MONITORING AIR PRESSURE

The Mayak Beacon continuously samples the air pressure level in the SCBA cylinder and sends data to the mobile control station. The system evaluates and informs the rescuer team the pressure level in bar units and the remaining amount of air in minutes.

3. EMERGENCY NOTIFICATION

The rescue leader can inform all of the rescue workers about an immediate evacuation from a dangerous area.

This is actioned by pressing the **«EVERYONE OUT!»** button on the mobile station after which the signal will be automatically delivered to each of the rescue workers.

EVERYONE OUT!

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