



# Algorithms and Scenarios

The purpose of making an Elaborate of Scenarios and Algorithms /course diagrams/ possible actions for remote control traffic operating is the planned preparation of software and hardware equipment, as well as the operating staff COKP-a for fast and effective operation in case of specific event in the tunnel. Scenarios comprise anticipated events in regular functioning and out of ordinary (accidental) situations. Scenarios of accidental situations are made individually for each particular fire zone in the tunnels. Algorithms /course diagrams/ are made individually for every fire zone. Algorithms work in the following way: the operators wait for a signal which would prompt some reaction by the algorithm, or a signal by operators, after which the scheduled scenarios are started. The company providing the system is obliged to implement the provided scenarios and al-

gorithms into the integration software which will control and manage the traffic-information system (PIS), video surveillance and managing system, remote control operating and monitoring (SDUN), fire alarm system, SOS system and radio fusion system with its projection on the integration video wall.

Scenarios and algorithms /course diagrams/ are divided into 4 main chapters, each of which containing a determined number of particular scenarios:

1. Scenarios and algorithms of regular operating
2. Scenarios and algorithms of possible failures
3. Scenarios and algorithms of possible accidental situations
4. Scenarios and algorithms of maintenance

## Ac A1 Zagreb – Split – Dubrovnik

- tunnels: Mala Kapela, Saint Rok, Bisko, Crna Brda, Stražina, Zaranač

## D532 Zagvozd – Baška Voda

- tunnel Saint Ilija

## AC A6 Bosiljevo – Rijeka

- tunnels: Saint Marko, Veliki Gložac, Rožman brdo, Čardak, Pod Vugleš, Javorova kosa, Vršek, Lučice, Sopač, Sleme, Vrata, Tuhobić, Hrasten

## Traffic junction Rijeka City

- tunnels: Trsat, Katarina, Škurinje I, Škurinje II

