

Protocol

for the results of a functional test

of a working demonstration system built with the equipment proposed by the participant and using the software proposed by the participant.

According to p 3.8 from the Technical Specification

To negotiated procedure with preliminary call No 31-EP-20-CI-Д-3 with subject Migration of an existing PMR system for emergency communication from analogue Trunk system to digital, set up according DMR Tier III standard, Trunk system. Delivery of hardware, software and licenses. Provision of training and maintenance

Today Committee appointed by order No 1 / 31.03.2020 as follows:

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and

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representatives of, called the Participant for brevity

Performed jointly (via remote access / through on-site access) a functional test of a working demonstration system built with the equipment proposed by the Participant and using the software proposed by the Participant.

The demonstration system proposed by the Participant consisted of the following components:

a) Server and Communication Part:

(Description of software and hardware, models, versions, serial numbers, used licenses)

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b) Two L3 separated sites:

(Description of L3 topology, software and hardware, models, versions, serial numbers, used licenses, IP address, Network mask, Default gateway, Routing table)

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c) Two portable Digital Radio transmitters

(Description of software and hardware, models, versions, serial numbers, used licenses)

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d) Two mobile Digital Radio transmitters

(Description of software and hardware, models, versions, serial numbers, used licenses)

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e) Three Digital Repeaters

(Description of software and hardware, models, versions, serial numbers, used licenses)

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The following tests were performed:

1. For compliance with the requirements of p 3.8.1 /line 318/ from the Technical Requirements.

The demonstration system was found to be (built / not built) with the Equipment offered by the Participant and (used / not used) software offered by the Participant.

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2. For compliance with the requirements of p.p. from 3.1.2 to 3.1.7 incl. /line 154 - 159/ from the Technical Requirements. (The following frequency pairs will be used for the purpose of the

test (TX 157.9250 MHz, RX 162.4250 MHz) (TX 147.0875 MHz, RX 151.5875 MHz) (TX 147.2000 MHz, RX 151.7000 MHz)

It was found that the proposed from the Participant for the functional test model portable Digital Radio transmitter (is eligible/is not eligible) to p.p. from 3.1.2 to 3.1.7 incl. /line 154 - 159/ from the Technical Requirements.

3. For compliance with the requirements of p.p. from 3.1.11 to 3.1.16 incl. /line 163 - 168/ from the Technical Requirements. (The following frequency pairs will be used for the purpose of the test (TX 157.9250 MHz, RX 162.4250 MHz) (TX 147.0875 MHz, RX 151.5875 MHz) (TX 147.2000 MHz, RX 151.7000 MHz)

It was found that the proposed from the Participant for the functional test model mobile Digital Radio transmitter (is eligible/is not eligible) to p.p. from 3.1.11 to 3.1.16 incl. /line 163 - 168/ from the Technical Requirements.

4. For compliance with the requirements of p.p. from 3.2.2 to 3.2.6 incl. /line 172 - 176/ from the Technical Requirements. (The following frequency pairs will be used for the purpose of the test (RX 157.9250 MHz, TX 162.4250 MHz) (RX 147.0875 MHz, TX 151.5875 MHz) (RX 147.2000 MHz, TX 151.7000 MHz)

It was found that the proposed from the Participant for the functional test model Digital Repeater (is eligible/is not eligible) to p.p. from 3.2.2 to 3.2.6 incl. /line 172 - 176/ from the Technical Requirements.

5. For compliance with the requirements of p.p. from 3.3.1 to 3.3.3 incl. /line 180 - 182/ from the Technical Requirements. (ICMP protocol will be used locally for the purpose of the test)

It was found that the proposed from the Participant for the functional test model Digital Repeater (is eligible/is not eligible) to p.p. from 3.3.1 to 3.3.3 incl. /line 180 - 182/ from the Technical Requirements.

6. For compliance with the requirements of p. 3.5.6 /line 200/ from the Technical Requirements. (The numbers 10101, 10102, 44318, 49205 will be used for the purpose of the test).

It was found that the proposed from the Participant for the functional test management software (is eligible/is not eligible) to p. 3.5.6 /line 200/ from the Technical Requirements.

7. For compliance with the requirements of p. 3.5.6 /line 201/ from the Technical Requirements.

It was found that the proposed from the Participant for the functional test management software (is eligible/is not eligible) to p. 3.5.6 /line 201/ from the Technical Requirements.

8. For compliance with the requirements of p. 3.5.6 /line 202/ from the Technical Requirements. (The numbers of groups 60001, 60002, 60003 will be used for the purpose of the test)

It was found that the proposed from the Participant for the functional test management software (is eligible/is not eligible) to p. 3.5.6 /line 202/ from the Technical Requirements.

9. For compliance with the requirements of p. 3.5.6 /line 207/ from the Technical Requirements. (For the purposes of this test, they will implement two Sites - one with two Digital Repeaters and one with one Digital Repeater)

It was found that the proposed from the Participant for the functional test management software (is eligible/is not eligible) to p. 3.5.6 /line 207/ from the Technical Requirements.

10. For compliance with the requirements of p. 3.6.1 /line 211 - 233/ from the Technical Requirements.

It was found that the proposed from the Participant for the functional test management software (is eligible/is not eligible) to p. 3.6.1 /line 211 - 233/ from the Technical Requirements.

11. For compliance with the requirements of p. 3.6.2 /line 235 - 240/ from the Technical Requirements.

It was found that the proposed from the Participant for the functional test management software (is eligible/is not eligible) to p. 3.6.2 /line 235 - 240/ from the Technical Requirements.

12. For compliance with the requirements of p. 3.6.3 /line 242 - 243/ from the Technical Requirements.

It was found that the proposed from the Participant for the functional test management software (is eligible/is not eligible) to p. 3.6.3 /line 242 - 243/ from the Technical Requirements.

13. For compliance with the requirements of p. 3.7.1 /line 263 - 267/ from the Technical Requirements.

It was found that the proposed from the Participant for the functional test model portable Digital Radio transmitter (is eligible/is not eligible) to p. 3.7.1 /line 263 - 267/ from the Technical Requirements.

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14. For compliance with the requirements of p. 3.7.2 /line 283 - 288/ from the Technical Requirements.

It was found that the proposed from the Participant for the functional test model мобиле Digital Radio transmitter (is eligible/is not eligible) to p. 3.7.2 /line 283 - 288/ from the Technical Requirements.

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15. For compliance with the requirements of p. 3.7.3 /line 295 - 296/ from the Technical Requirements.

It was found that the proposed from the Participant for the functional test model Digital Repeater (is eligible/is not eligible) to p. 3.7.3 /line 295 - 296/ from the Technical Requirements.

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16. For compliance with the requirements of p. 3.7.3 /line 301 - 302/ from the Technical Requirements.

It was found that the proposed from the Participant for the functional test model Digital Repeater (is eligible/is not eligible) to p. 3.7.3 /line 301 - 302/ from the Technical Requirements.

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17. For compliance with the requirements of p. 3.7.6 /line 310 - 316/ from the Technical Requirements.

It was found that the proposed from the Participant for the functional test management software and monitoring software (is eligible/is not eligible) to p. 3.7.6 /line 310 - 316/ from the Technical Requirements.

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On the basis of the results from tests 1 - 17, the representatives of the Contracting Authority accept the functional test for (passed / failed) and find the following:

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Date:

Committee members:

Participant's representatives:

