

2009 265
 Annual & Biannual ^{KB 001} ~~TO~~

DCC complex KB 001: Switching equipment (TCD)	Годовое и полугодовое ТО
verification and adjustment of power supply	24 <i>Annual & biannual Maintenance Inspection</i>
check on the functioning of blocks and panels of the console at the booth TS24	352
check on the operation of printing devices	5
additional testing selectively:	
logic blocks	4
Power Supplies	2 1
printer	352
logical blocks	24
Power Supplies	4
racks	1
console	1
scoreboard	1
checking and adjusting from the control engineer	1
Line equipment	Годовое ТО
testing devices, units, installation	246
adjustment and parameter setting blocks	246
check on the functioning of logical blocks	136
check on the functioning of PSUs	110
additional tests of logical blocks	4
additional testing power supply	2
ПУ ПТС: complex KB017 (KB016)	Годовое ТО.
test stand	1
check the remote	2
check power supply	3
verification of logical blocks	30
adjustment of power supply	3
check on the functioning of logic blocks	30
additional tests of logical blocks	5
additional testing power supply	1
adjusting the complex: supply voltages, control rooms run options, all channels, manual controls, non-stop run	
ПУ "Cedar" complex of KB 031:	
test stands	22
test scoreboard	1

Annual

check the remote	1
verification of logical blocks	546
check power supply	123
verification of linear block	126
adjustment of power supply	123
check on the functioning of logic blocks	546
check on the functioning of linear block	126
adjusting the complex: supply voltage, performance options control rooms, operations that use the memory of all channels, manual control of the processor to control and diagnostic programs, non-stop run	6
Apparatus II-306	Годовое ТО
Equipment P / D Vympel	13
test stands	1
check the remote	20
check power supply	5
verification of linear block	48 / —
checking transceivers /	20
adjustment of power supply	5
functional test of linear block	48
functional test transceivers	
adjusting the complex: supply voltages, the functional units of all channels, adjustment and setting of parameters, non-stop run	
<i>Лоб 2</i> <i>Авдаль</i>	
Radio relay station P-409TM Available - 14.	
A preliminary training: - Checking the reliability of the connection apparatus with a grounding device; - State of faceplates, blocks, indicator devices, wireless device equipment and blocks; - Check availability, status, and the fuse, their compliance with specific denominations, the state controls and accessories; - Determination of status of power, connection and RF cables; - Test if the indicator lights and operating electric fan; - Verification of alarm blown fuses; - Adjusts the level of the received signal; - Determine if the transmitter and antenna feeder by the	60

control unit;	
<p>Conduct post-flight preparation:</p> <ul style="list-style-type: none"> - Checking the reliability of the connection apparatus with a grounding device; - Measuring current and voltage lamp exciter oscillator, transmitter and receiver, determine if their individual blocks of embedded control indicating instrument; - Check the station in the "over" at 101 or 599 workers waves without the inclusion of a high voltage; 	18
<p>Checking the technical condition and operability of redundant and complete ZIP:</p> <ul style="list-style-type: none"> - - Examination of exterior surfaces of high-frequency equipment and power supplies without opening the assembly; - External examination of the extraction of high-frequency alternating blocks of counters; - Checking the reliability of fixing transformers and inductors. 	20
<p>Comprehensive testing, search, detection, mapping and fault isolation transmission path:</p> <ul style="list-style-type: none"> - - Check voltages and currents of lamp output level transmitter power of embedded devices; - - Check the output parameters of the transmitter blocks using instrumentation E9-4, VK7-9; - - Adjustment of nominal values of current and voltage of the transmitting tract. 	15
<p>Comprehensive testing, search, detection, mapping and localization of faults tract Hours:</p> <ul style="list-style-type: none"> - - Check voltages and currents bulbs embedded devices; - - Checking the receiver unit using instrumentation G4-44, UNP-60; - Adjustment of nominal values of currents and voltages receiving channel. 	14
<p>Comprehensive testing, search, detection, mapping and localization of a system failure of power supply:</p> <ul style="list-style-type: none"> - - Check nominal voltages and power supply for embedded devices; - - Check the parameters of power units with metering devices C-53; - Adjustment of nominal values of currents and voltages of power supplies. 	18
<p>Comprehensive testing, search, detection, mapping and fault isolation paths AFU:</p> <ul style="list-style-type: none"> - Check the status of leaf antenna; 	4

- Check the status of motors slewing device AFU without power;
- Performance testing of the mechanical part of AGF with powering up.
- Measured by the IPM power of the incident and reflected waves.

Carrying out maintenance works:

1. In the volume of CO:

- Cleaning assembly, fan motors;
- Checking and cleaning of RF connectors, check the station out of embedded devices;
- Measurement of transmitter power;
- Measuring sensitivity of the receiver;
- Check accuracy of the agent and local oscillator frequencies.

2. In the bulk TO-2:

- Cleaning assembly, fan motors;
- Checking and cleaning of RF connectors, check the station out of embedded devices;
- Measurement of transmitter power;
- Measuring sensitivity of the receiver;
- Check accuracy of the frequencies of the causative agent and local oscillator;
- Measurement of deviation of agent.
- Measurement of residual decay telephone channels;
- Measurement of the residual attenuation in radiopathes;
- Measurement of attenuation shoulders BCHR;
- Measurement of IPM antennas;
- Checking the stability of oscillator frequencies and the agent.

Compaction equipment the Taimyr

Available - 7 units.

A preliminary training:

- Checking the reliability of the connection apparatus with a grounding device;
- State of faceplates, blocks, indicator devices, wireless device equipment and blocks;
- Check availability, status, and the fuse, their correspondence denominations, the state controls and accessories;
- Determination of status of power, connection and RF cables;

Conduct post-flight preparation:

- Checking the reliability of the connection apparatus with a grounding device;

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<ul style="list-style-type: none"> - Measuring current and voltage lamps determine if their individual blocks of embedded control indicator instrument frames; - Performance testing of equipment in the "over"; 	
<p>Checking the technical condition and operability of redundant and complete ZIP:</p> <ul style="list-style-type: none"> - - Examination of exterior surfaces of high-frequency equipment and power supplies without opening the assembly; - External examination of the extraction of high-frequency alternating blocks of counters; - Checking the reliability of fixing transformers and inductors. 	20
<p>Comprehensive testing, search, detection, mapping and fault isolation transmission path:</p> <ul style="list-style-type: none"> - - Check voltages and currents of lamps, the output level of power transmission units for built-in appliances; - - Check the output parameters of blocks using a measuring instrument GOVERNMENTAL E9-4, VK7-9; - Adjustment of nominal values of current and voltage of the transmitting tract. 	16
<p>Comprehensive testing, search, detection, mapping and localization of faults tract Hours:</p> <ul style="list-style-type: none"> - - Check voltages and currents of lamp receiving blocks of embedded devices; - - Check the parameters of the receiving units with gauges T4-44, UNP-60; - Adjustment of nominal values of currents and voltages receiving channel. 	6
<p>Comprehensive testing, search, detection, mapping and localization of a system failure of power supply:</p> <ul style="list-style-type: none"> - - Check nominal voltages and power supply for embedded devices; - - Check the parameters of power units with metering devices C-53; - Adjustment of nominal values of currents and voltages of power supplies. 	2
<p>Comprehensive testing, search, detection, mapping and localization failure of calling paths:</p> <ul style="list-style-type: none"> - - Check denominations ringing voltage on the built-in appliances; - - Checking the ringing voltage with the use of measuring devices C-53; - Adjustment of nominal values of ringing voltage. 	2

<p>Carrying out maintenance works: 1.B amount of CO: - Verification of complete equipment; - Check the stabilized voltage; - Check frequency channels; - Measure vx channels; - Measurement of AH channels; - Check the headset to work; - Measurement of transmission channels; - Measurement of the frequency control; - SAT test; - Verification of signaling elements; - Measurement of the intrinsic noise;</p>	<p>4</p>
<p>2. In the bulk TO-2: - Verification of complete equipment; - Check the stabilized voltage; - Check frequency channels; - Measure vx channels; - Measurement of AH channels; - Check the headset to work; - Measurement of transmission channels; - Measurement of the frequency control; - SAT test; - Verification of signaling elements; - Measurement of the intrinsic noise; - Measuring the frequency of the master oscillator; - Measurement of the sensitivity of PTV; - Protection from distinct transitions.</p>	<p>4</p>
<p>Switch KDS-5/10 Available - 7ed.</p>	
<p>A preliminary training: - Checking the reliability of the connection apparatus with a grounding device; - State of faceplates, blocks, indicator devices, wireless device equipment and blocks; - Determination of the state power and connecting cables; - Availability, status, and the fuse, their correspondence denominations, the state government;</p>	<p>60</p>
<p>Checking the technical condition and operability of redundant and complete ZIP: - - Examination of the external surfaces of equipment and linear blocks without opening the assembly; - Check the status shnuropar, ringing keys, headset; - Checking the reliability of fastening patch boards.</p>	<p>12</p>

<p>Comprehensive testing, search, detection, mapping and localization of a system failure of power supply: - - Check nominal voltage and ringing current power supply for embedded devices; - - Check the parameters of the power supply with the use of measuring devices C-53; - Adjustment of nominal values of the ringing current power supplies.</p>	7
<p>Comprehensive testing, search, detection, mapping and localization failure of calling paths: - - Check denominations ringing currents of embedded devices; - - Check the parameters of the ringing currents with the use of measuring devices C-53; - Adjustment of nominal values of the ringing currents.</p>	2
<p>Carrying out maintenance works: 1. In the volume of CO: - Verification of complete equipment; - Check the stabilized voltage; - Check the status shnuropar, switching field, ringing the keys; - The reliability of the connection apparatus with a grounding device; - State of faceplates, blocks, indicator devices, wireless device equipment; - Availability, status, and the fuse, controls and accessories; - State security, the connecting cables.</p>	4
<p>2. In the bulk TO-2: - Verification of complete equipment; - Check the stabilized voltage; - Check the status shnuropar, switching field, ringing the keys; - The reliability of the connection apparatus with a grounding device; - State of faceplates, blocks, indicator devices, wireless device equipment; - Availability, status, and the fuse, controls and accessories; - State power and com-tional cables; - Removal of oxide plugs, wiring sockets; - Adjusts the ringer stresses.</p>	4
<p>Telephones P-171M Available - 60ed.</p>	
<p>Replacement phones on the plane:</p>	5

<ul style="list-style-type: none"> - Detach the mounting plate from the rack management; - Dismantling retention telephone with subsequent replacement of the device. 	
<p>Verifying the hard-squares after repair:</p> <ul style="list-style-type: none"> - Verification of the inductor; - Verification of the amplifier and speaking circuit. 	5
<p>Carrying out maintenance works:</p> <p>1. In the volume of CO:</p> <ul style="list-style-type: none"> - Check the device configuration; - Check supply voltage; - Check the status of the handset; - The state of housing, security of attachment; - The state of supply and connecting cables. 	28
<p>2. in volume-2.</p> <ul style="list-style-type: none"> - Check the device configuration; - Check supply voltage; - Check the status of the handset; - The state of housing, security of attachment; - The state of supply and connecting cables. 	28
<p>Equipment systems of communication "Kavkaz-7" In stock - 19 complexes</p>	
<p>Conducting preliminary preparations:</p> <ul style="list-style-type: none"> - Checking the reliability of the connection apparatus with a grounding device; - State of faceplates, blocks, indicator devices, wireless device equipment and blocks; - Check availability, status, and the fuse, their compliance with specific denominations, the state controls and accessories; - Determination of status of power, connection and RF cables; - Test if the indicator lights; - Verification of alarm blown fuses; - Adjusts the level of the received signal; - Determine if the transmitter and antenna feeder by the control unit; 	60
<p>Conduct post-flight preparations:</p> <ul style="list-style-type: none"> - Checking the reliability of the connection apparatus with a grounding device; - Measuring current and voltage lamps determine if their individual blocks of embedded control indicator instru-frames; - Performance testing of equipment in the "over"; 	18
<p>Checking the technical condition and operability of redundant and complete ZIP:</p>	12

<ul style="list-style-type: none"> - - Examination of exterior surfaces of high-frequency equipment and power supplies without opening the assembly; - External examination of the extraction of high-frequency alternating blocks of counters; - Checking the reliability of fixing transformers and inductors. 	
<p>Comprehensive testing, search, detection and fault location path of transmission:</p> <ul style="list-style-type: none"> - - Check voltages and currents of lamp output level transmitter power of embedded devices; - - Check the output parameters of the transmitter blocks using instrumentation E9-4, VK7-9; - - Adjustment of nominal values of current and voltage of the transmitting tract. 	8
<p>Comprehensive testing, search, detection and fault location path of reception:</p> <ul style="list-style-type: none"> - - Check voltages and currents bulbs embedded devices; - - Checking the receiver unit using instrumentation G4-44, UNP-60; - Adjustment of nominal values of currents and voltages receiving channel. 	12
<p>Comprehensive testing, search, detection, mapping and localization of a system failure of power supply:</p> <ul style="list-style-type: none"> - - Check nominal voltages and power supply for embedded devices; - - Check the parameters of power units with metering devices C-53; - Adjustment of nominal values of current and voltage power supplies 	3
<p>Comprehensive testing, search, detection and fault location channels AFU:</p> <ul style="list-style-type: none"> - Check the status of leaf antenna; - Measured by the IPM power of the incident and reflected waves. 	16
<p>Verifying blocks after the repairs:</p> <ul style="list-style-type: none"> - Verification of blocks in the station according to the parameters of standards specifications. 	45
<p>Registration of documents:</p> <ul style="list-style-type: none"> - Entering data in the technical documentation of routine maintenance, malfunctions in the operation, maintenance and design changes. 	6
