

REGULATIONS ON INTERNATIONAL MULTISPORT DIVING CONTEST “DEPTH”

I. Tasks and objects

The international contest of multisport diving “Depth” (hereinafter referred to as the Contest) is held within the framework of the International Army Games 2019 (hereinafter referred to as ARMY-2019) with the aim of increasing the level of personnel training and combat readiness of the troops in the application of underwater technologies for various purposes.

The objectives of the contest are:

1. Improvement of diver’s skills in accomplishment of SAR, rescue, underwater technical tasks, special diving and salvaging tasks.
2. Acquaintance and mastering advanced methods of use diving equipment and technology.
3. Exchange of experience in diving operations for various purposes, during the application of various technologies in the face of time passing the contest distance.
4. Enhancing the prestige of military service, attracting Russian citizens to contract service, demonstration of diver’s military skills.

II. Venue and time Contest

The venue of the Contest is to be determined by the Minister of Defense of the Russian Federation.

2.1. On the territory of the Russian Federation the contest is to be held in Sevastopol on the basis of the training center (the training of military rescuers and diving specialists of the Navy, Sevastopol) 907 Joint Training Center of the Russian Navy (hereinafter - the joint training center) and in designated areas of the Black Sea during the period of "ARMY-2019".

2.2. On the territory of other states Navies upon coordination with the Main Directorate for the international military cooperation of the Ministry of Defense of the Russian Federation during "ARMY-2019".

2.3. Accommodation and messing for teams of participants are organized by host party.

III. Preparation and conducting management of the Contest

3.1. To organize the preparation of the Contest in the Russian Federation, a working group is created, the personal composition of which is approved by the Commander-in-chief of the Russian Navy.

General management of the preparation and conducting of the Contest is to be carried out by the Deputy Commander-in-chief of the Russian Navy.

Direct management of the preparation and conducting of the Contest is assigned to the Main Command of the Russian Navy with the participation of military authorities of the Black Sea Fleet in cooperation with the Government of Sevastopol.

For direct management of the Contest Deputy Commander-in-chief of the Navy establishes Administration of the Contest (hereinafter – the administration).

The administration of the Contest is composed by:

Head of Administration – Head of SAR Department of the Russian Navy.

Representatives of the Main Command of the Navy, the Black Sea Fleet and the joint training center:

deputy chief responsible for moral and psychological state of troops – head of the department for work with personnel of The Black Sea Fleet;

deputy chief responsible for communications – Chief Inspector of the (organizational-methodical) communication service of the Navy;

deputy chief responsible for logistics – deputy chief of logistics of the joint training center;

assistant for cultural events – deputy chief of the training center, responsible for indoctrination;

information coverage assistant – chief of mass media department of the Black Sea Fleet;

assistant for international military cooperation and protocol service – senior officer of the Law of the Sea and International military cooperation service of the operational directorate of the Navy HQ;

video conferencing and broadcasting assistant – chief of the informational systems of communication management division of the Black Sea Fleet;

commandant – the chief of a separate discipline (international groups training) of the joint training center;

organizational planning department - senior professor for separate discipline (international groups training) of the joint training center;

transport assistant – deputy chief of the joint training center, responsible for logistics;

medical service assistant – chief of the joint training center medical service.

To ensure the contest conducting, a diving service safety control service is being created – from the Black Sea Fleet – 3 people.

All-round support of the Contest is carried out by the Navy together with the Southern Military District.

3.2. To organize the interaction of the preparation of the Contest on the territory of other states, an abbreviated working group is to be created, the personal composition of which is approved by the Commander-in-chief of the Russian Navy.

3.3. For direct management of the Contest in accordance with the decision of the Commander-in-Chief of the Russian Navy the Chief Judge and the Judicial Commission are to be appointed.

The panel of judges of the contest "Depth" in the Russian Federation includes:

Chief Judge – Chief Inspector of the SAR Department of the Russian Navy;

Deputy Chief Judge from the Russian Navy – Deputy of chief of the joint training center;

Judges – from the Naval Forces of the States Parties to the Contest (by the number of participating States);

Secretary of the Judicial Commission – Assistant Head of Department (for educational and laboratory equipment).

At its meetings, the Judicial Commission considers issues of organization and progress of the contest. The head judge ensures that the contest is held in full in accordance with the Rules and Regulations.

Execution of orders of the main judge is mandatory for all participants of the contest.

The Deputy Chief Judge is responsible for holding contests at the plots assigned to him. In the absence of the Chief Judge he performs his duties.

The judge responsible for informational coverage informs the participants of the contest and the spectators about the course of the contest and communicates with the mass media.

The contest secretary is responsible for the technical aspects of organizing and managing all secretarial work on the contest and for preparing the draw.

3.4. The composition of the judicial commission is unchanged in any of the venues. When conducting on the territory of other states, the chief judges, informing judges on the exercises and the secretary are appointed from country organizer of the contest.

IV. Quantity of the teams and requirements for participants.

To participate in the contest are allowed by one team.

4.1. National teams from the Navy of the states and the combined team of the Russian Navy participate in the international standings.

4.2. The team consists of 10 (ten) people: the team of divers 8 (eight) people, the coach is 1 (one) person, the representative of the team is 1 (one) person. It is allowed to combine the duties of a coach and a team representative. The coach and the team representative are not allowed to attend the diving post during the contest.

The composition of the team of divers, of which 2 (two) are admitted to the production of welding and cutting under water, 2 (two) are admitted to the leadership of diving descents.

One diver from the team can perform no more than 2 (two) exercises alone.

4.3. Team members should have a uniform: representative, with orders, medals and breastplates, including sports, work and sport. Each team member must have a chest business card (10x5 cm in size) with a photo of 3x4 cm, the name of the Member State and organization, last name, first name, and patronymic (not laminated).

4.4. The team of the participating state in the Contest includes divers-military personnel from the Ministry of Defense of the Russian Federation (Navy), having diving certificates (personal books of divers) that comply with national standards and are allowed to perform diving operations due to health reasons.

The official language of the Contest is Russian and English, and if the contest is not held in the Russian Federation, the language of the host country (all official documents must be duplicated in English) is applied.

V. Conditions of the contest conducting

Contest time: August 2019.

Contest venue: training center (training of military rescuers and diving specialists of the Navy, Sevastopol) 907 joint training center of the Navy (hereinafter - Training Center) and in designated areas of the Black Sea.

In the case of conducting of contest in the territory of the co-organizing country, a prerequisite for selecting the venue for the contest is the possibility of underwater video filming (visibility at the place of descents must be at least 10 meters).

The following states are allowed to participate in the contest:

ensured the readiness and arrival of the team within the period established by this provision;

familiarized with the safety requirements when performing diving work in the Navy of the Russian Federation.

Preparation of equipment is carried out in accordance with the requirements for the operation of this type of weapons.

The following types of diving equipment are allowed for use in the Contest:

"Type A" - hose diving equipment with a hard helmet and bots equipped with breathing apparatus operating according to an open or ventilated breathing pattern;

"Type B" - autonomous diving equipment with a full-face mask or with a half mask, for swimming on flippers and with breathing apparatus operating in an open or semi-closed (closed) breathing pattern.

It is forbidden to use equipment not specified in the exercise. Before the beginning of the Contest, medical examination of participants is carried out.

Maintenance, repair (if necessary) of the diving equipment and property of the States participating in the Contest, as well as filling the breathing gas mixtures (air) of the diving breathing apparatus of the teams are organized by the forces and means of technical support teams of the country organizing the Contest.

A team whose member has violated safety requirements is removed from the Contest stage by decision of the refereeing commission.

VI. Order and time period for application sending.

6.1. Preliminary applications for participation in the Contest:

Russian teams submit applications to the Main Directorate of Combat Training of the Armed Forces of the Russian Federation in writing, together with the command list of participants no later than May 15, 2019 at the address: 119160 Moscow, str. Znamenka, Building 19, Ministry of Defense of the Russian Federation. Contact phones: (495) 696-90-95; e-mail: gubp22@mil.ru.

National teams of other states through representative offices the participating states to the Main Directorate for International Military Cooperation of the Ministry

of Defense of the Russian Federation. Contact phones: (495) 696-25-76; fax: (495) 696-15-61; e-mail: GUMVS@mil.ru.

In the case of conducting contest not on the territory of the Russian Federation, applications for participation sent are through the representative offices of the participating countries to the protocol management of the country co-organizing the contest.

6.2. Nominal applications are submitted to the Credentials Committee of the Contest on the arrival of teams at the training center, but no later than 20.00 local time July 20, 2019.

6.3. Together with the nominal application to the credentials committee for each participant are submitted: an identity document, a diver's personal book, a diver's personal medical book (for divers);

all team members – extracts from orders for admission to the management of diving work, the command of diving descents, to personal diving descents and works, also when carrying out underwater electric welding works.

VII. Reception, accommodation and messing.

7.1. Reception of participants of the Contest – at airports (airfields) of Simferopol, Belbek and Kacha. Their delivery to the location in the joint training center of Sevastopol – by motor transport given by the Black Sea Fleet (Southern Military District).

7.2. The country sending the team, no later than July 1, 2018, reports the date and time of the departure of the team from the station of permanent deployment, and arrival at the airport (airfield) area indicating the number of the flight and train.

7.3. Accommodation and meals for the participants of the Contest, judges shall be carried out in the Black Sea Higher Naval School named after P.S. Nakhimov.

7.4. When the Contest is held on the territory of other states - the reception, accommodation and meals of the participants of the Contest, judges shall be at the expense of the receiving party.

VIII. Financing issues

8.1. The costs associated with the preparation and conduct of the Contest are carried out at the expense of the budget funds of the Ministry of Defense of Russia.

8.2. When the Contest is held in the territory of other states, the costs associated with the preparation and conduct of the Contest are borne by the budget funds of the receiving party.

8.3. The costs associated with travel, meals and accommodation of teams are carried out:

teams of the Russian Defense Ministry – at the expense of budget funds teams and divers representing organizations beyond the Russian Defense Ministry – at the expense of sending organizations;

travel of teams from other countries at the expense of the budget of the Ministry of Defense of Russia.

8.4. When conducting the Contest is to be held on the territory of other states, expenses related to travel, meals and accommodation of the teams of the Russian Defense Ministry are assumed at the expenses of the budget funds of the receiving party.

IX. Contest conducting procedure

5-7 days before the start of the contest, direct preparation of the administration, the judicial commission and the teams is organized.

The contest begins with a grand opening ceremony.

At the end of the Contest stages, on the basis of the generalized results, the winners of the contest stages are determined. The place in the rating table at each stage is determined by the number of points gained. The results of the stages are recorded in the protocol and communicated to the participants of the Contest.

On the eve of each stage of the Contest, preparation of diving equipment, pre-launch checks of diving equipment and means of providing diving work are organized.

The contest ends with the determination of the winners and the awarding of distinguished participants during the solemn closing ceremony of the Contest at the venue.

X. Order of the teams performing

The order of performance of the teams at the exercises, according to the schedule developed by the judicial commission, is determined by drawing after the completion of the work of the credentials committee, the familiarization of the coaches of the team representatives with its results and the show of the contest distances (routes) to the captains.

XI. Preparation schedule

Arrival and accommodation of participants of the Contest and foreign military delegations to the contest area are carried out no later than 5 - 7 days before the opening of the Contest.

Direct preparation of teams of divers to participate in the Contest lasts at least 5 days.

To prepare for each exercise the team should be given at least 3 workouts lasting 2.5 hours each.

First day (organizational):

registration of foreign military delegations;

submission of applications for participation of teams in the contest;

safety training with teams, divers and coaching groups (support groups) teams;

clarification of the procedure and conditions of the Contest;
study of the contest program.

Second day:

reception and preparation of diving equipment and property;
pre-launch checks for diving support equipment;
bypass (detour) of the contest sites;
maintenance of weapons and military equipment.

Third day:

preparing teams according to plans and under the guidance of coaching groups;
maintenance of weapons and military equipment.

Fourth day:

Drawing – determining the order of execution exercises and stages of the contest.

The draw is held by the panel of judges in the presence of representatives of the teams of the states participating in the Contest. Captain of each the team pulls out of an opaque bag (capacity) a token indicating sequence start.

The results of the draw are drawn up by the protocol, signed commission of judges and representatives of the teams of the States Parties.

Fifth day:

Departure of the participants of the “Depth” Contest on the aircraft MTA of Airspace Forces to the venue of the opening ceremony of the ARMY-2019 (Alabino, Moscow region).

During the Contest on the territory of other states departure participants of the Contest to the venue of the solemn ceremony the opening of the ARMY-2019 (Alabino, Moscow region) is not carried out.

XII. Program draft

Date	Time	Program
03.08.2019 (day six)	10.00-12.00	Opening ceremony of the “Depth” contest.
	14.00-18.00	Preparation of personnel and military equipment on coach plan. Cultural events.
	18.00-24.00	Free time.
04.08.2019 – 14.08.2019	09.00-10.00	Reception of diving equipment, pre-launching tests.
	10.00-13.00	Start of the contest (on schedule).

Date	Time	Program
	13.00-14.00	Returning of the diving equipment. Judge panel meeting.
	14.00-20.00	Free time.
15.08.2019	10.00-18.00	Cultural events.
	19.00-21.00	Closing ceremony of the “Depth” contest.
16.08.2019	10.00-20.00	Departure to Alabino, Moscow region, in order to assist Army-2019 closing ceremony. Cultural events.
17.08.2019	12.00-20.00	Army-2019 closing ceremony.

When the Contest is held on the territory of other states, the Contest program is developed by the host country.

XIII. Description of the Contest Exercises

13.1. Contests are held at the training sites of training center and consist of eight exercises:

Exercise number 1 – “Weight scale”.

Exercise number 2 – “Medical and emergency first aid assistance”.

Exercise number 3 – “Flange”.

Exercise number 4 – “Welding and Cutting”.

Exercise number 5 – “Assistance emergency ship”.

Exercise number 6 – “Disabled submarine survival”.

Exercise number 7 – “Closed space underwater operations”.

Exercise number 8 – “The underwater swim fins fighting contest “Aquatlon”.

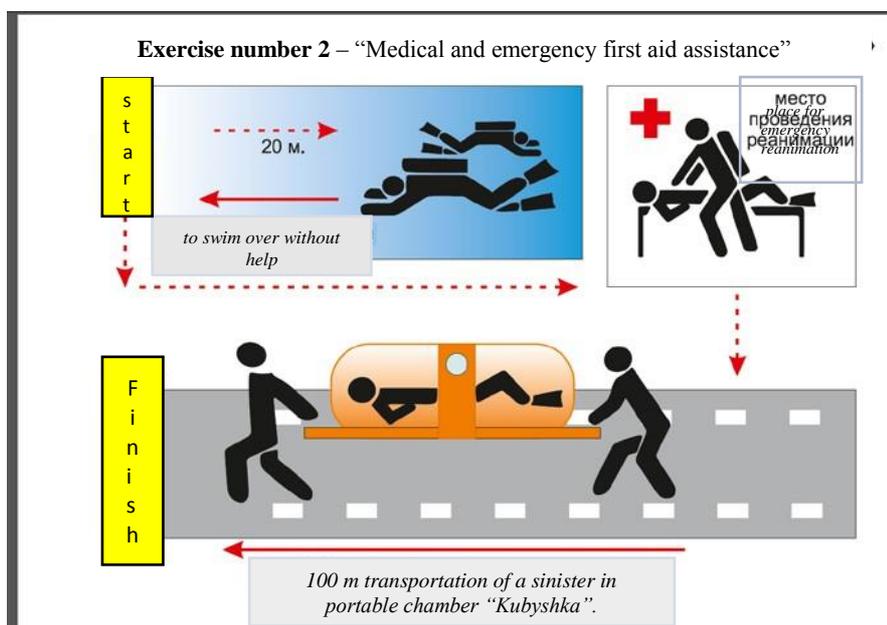
second diver pulls out from under baskets at the ladder insuring block and places it in such a way that in case of a protective cap falling, it (the cap) cannot fall to the ground.

Remove the cannon ball of the second diver from under the cap only after installing the pad and report to the commander of the descent: "The pad is installed.". The commander of the descent to the second diver: "Remove the object" and, making sure that the second diver safely removed the cannon ball from under the cap, gives the command: "Finish item", after which the second diver moves with cannon ball to the ladder. Approaching the ladder, the second diver asks: "Give the end", the cannon ball, and commands: "Choose the end".

During lifting, both divers must be at a safe distance from the end in order to prevent injuries in the event of a load falling.

After the load is lifted to the surface, both divers come to the surface. Divers are allowed to go out at the same time if they go on different ladders. Exercise time stops (the exercise is considered completed) when the load (cannon ball) and both divers crossed the red line indicating the start / finish.

13.3. Exercise number 2 – “Medical and emergency first aid assistance”.



Number of participants - 6 people.

Equipment - diving kit number 1 (flippers that are included in the kit GKN, mask, half mask), diving suit.

Armament - a simulator for carrying out cardiopulmonary resuscitation, transport chamber “Kubyshka”, apparatus AVM-12 K, belt load, signal end.

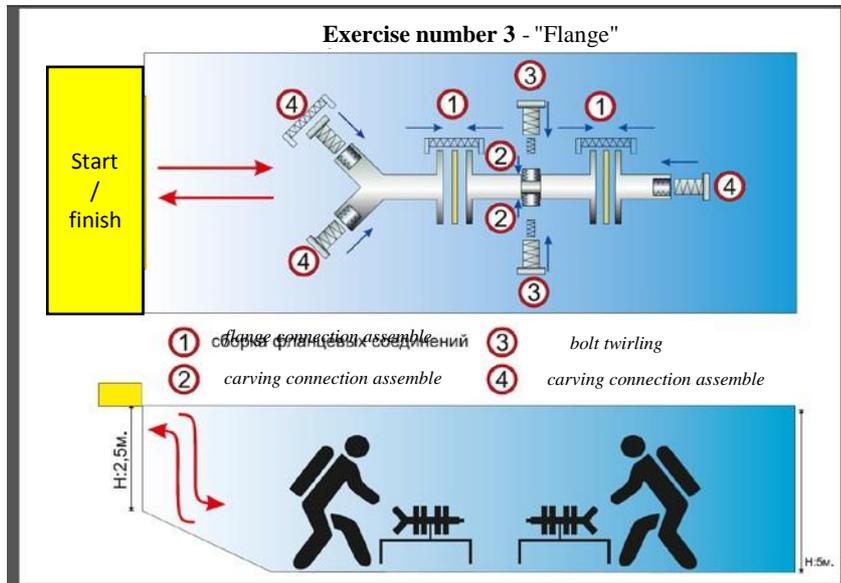
Element number 1: A participant in the AVM-12 K apparatus swims to the buoy (sign) at a distance of 20 meters from the pontoon and is waiting for the team of the judge.

Element number 2: The judge at the start gives the command “proceed to the second stage”: the team begins to carry out an emergency lift for a diver on the pontoon and make an emergency release of the diver from diving equipment and placing him on a stretcher and go on to the next item.

Element number 3: Two team members produce cardiopulmonary resuscitation on the simulator “artificial ventilation lungs, indirect heart massage”- a device in the form of a communicating vessel in which a pump is connected, when a pump is affected, colored liquid is pushed from one vessel to another up to a certain mark on the vessel and proceeds to the next element.

Element number 4: Team members who performed cardiopulmonary resuscitation of an emergency diver, laid on a stretcher, shift him into a single-chamber “Kubyshka” and transported to the finish line at a distance of 100 meters.

13.4. Exercise number 3 – "Flange".



Number of participants - 2 people.

Armament - equipment "Type A" - hose diving equipment with a hard helmet and bots equipped with breathing apparatus, working on an open breathing pattern.

The exercise consists of four consecutive elements:

Element number 1: The participant must assemble two flange connections using studs of various diameters, nuts and gaskets.

When assembling the left joint, you will need 6 studs, diameter M10, 12 nuts of the same diameter and a gasket with a suitable amount of holes.

When assembling the right joint, you will need 8 studs, diameter M8, 16 nuts of the same diameter and a gasket with a suitable number of holes.

Element number 2: The participant must assemble two threaded connections.

The bottom line is that the thread of different diameters applied to the pipes of the same section.

Assembly is necessary with the help of a lever inserted into the through holes perpendicular to the axes of the pipe section, and used like a knob.

Element number 3: The participant must twist the ends of the twisted pipes two bolts, sizes M12 / 40 and M12 / 30, with washers with a wrench.

The complexity of this element lies in the fact that the bolts have different lengths and, accordingly, a fitting is made for each bolt.

Element number 4: The participant must assemble three threaded connections and install a plug.

The first bolt (M16 / 50) is installed on the end side of the flange with 6 fasteners (on the right), then the left lower bolt (M12 / 35) and the upper left bolt M8 / 40 are installed.

The bolt M8 / 40 must be screwed into the pipe flush so that the plug fits tightly into place.

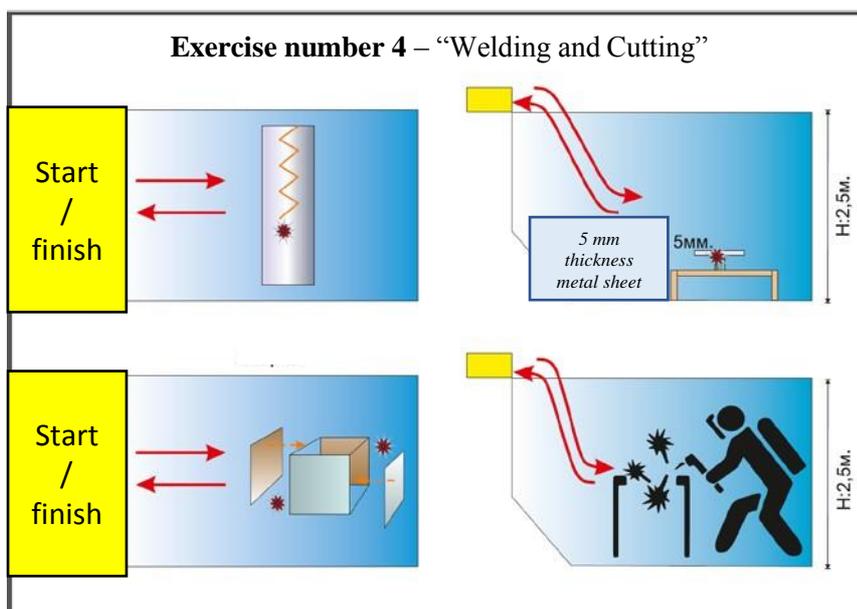
When installing the bolt M16 / 50, you must use a knife with a truncated end, since the bolt head has a “flat” groove.

The first diver, having completed the exercise, ascends to the surface and acts as an reserve diver. Second diver goes under the water and repeats the assembly of the second flange. After assembling the flange, it combines its threaded connection with the first flange.

After complete assembly of the product, the second diver rises to the surface, the command “STOP” is given. Time counting stops.

On the surface to check the correctness of the work of the judicial team rises assembled flange.

13.5. Exercise number 4 – “Welding and Cutting”.



Number of participants - 2 people.

Armament - equipment "Type A" - hose diving equipment with a hard helmet and bots equipped with breathing apparatus, working on an open breathing pattern.

Element No. 1 and Element No. 2 have to be performed by two different divers.

Element number 1: "Welding."

The diver's task is to weld a solid construction (metal cube 150x150x150mm in size) from the metal blanks (6 pcs.) and deliver it to the finish line.

Before the start of the exercise, a working diver and a team of participating divers check the welding circuit and set approximate CVC (current-voltage characteristics).

On the ground, not far from the ramp, a welding table was mounted. On the table, 6 (six) blanks with dimensions of 150x150x5 mm, a quiver with 15 (fifteen) underwater welding electrodes and hand-held cleaning tools.

The diver descends the ladder into the water, produces a leak test. After the command of the commander of the descent on the tightness of the diver, the working diver accepts welding cables with an electrode holder and clamping mass. Next, the diver goes to the welding table and mounts the weight clamp. According to the preliminary command that the diver is ready to start the exercise, the team and the judges are in the mode "Stand by!".

After the command of the working diver "Give current!" the diver on the knife switch turns on the welding circuit and repeats the command to the diver "Gave current!". The judge presses the stopwatch and the exercise time report begins.

Working diver on the table begins to build the metal structure in any order. Then the diver welds the assembled elements or the structure as a whole. At the end of the welding of all elements or in the case of when all the electrodes are used up, the working diver gives the command "Stop current!", then "Exercise finished!" and brings the structure to the surface.

Providing the diver takes from the ramp design from the working diver. The exercise time stops (the exercise is considered completed) when the working diver crosses with both feet a red line indicating the finish.

It is not prohibited to the working diver:

hold the workpiece with your hands while welding;

weld elements during assembly;

move the assembled structure in any spatial positions;

weld in any spatial positions;

trim or dismantle structural elements after assembly for welding;

change the CVC (current-voltage characteristics) during assembly and welding of the structure;

do not strip weld seams when the arc is broken.

It is forbidden to the working diver:

in case of leakage of diving gloves / gloves, take up billet or welding electrode;

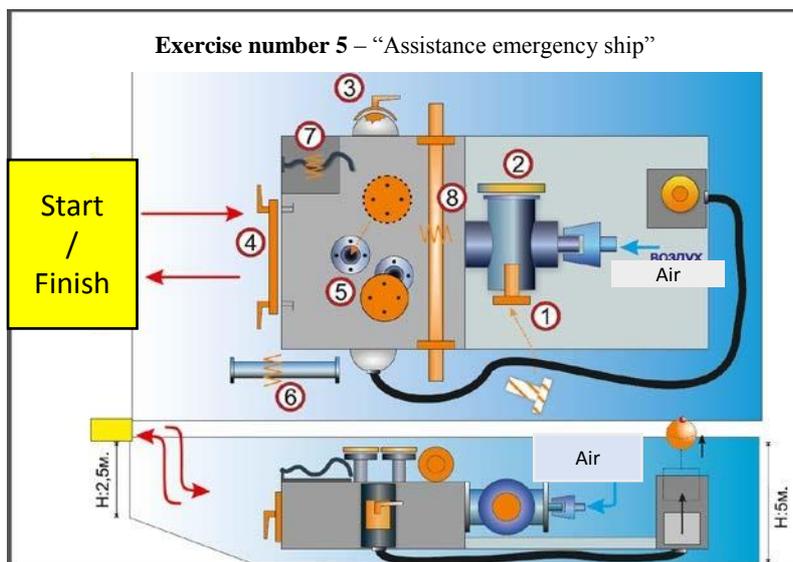
make welding without a protective filter diving helmet / mask;

change the electrodes when the welding circuit is on.

The evaluation criterion is the tightness of all welding seams by the visual method and the release of water from the cavity of the metal structure (cube).

Element number 2: "Cutting." It is necessary to cut the metal sheet with a thickness of 5mm with one electrode. Wins the diver who made the longest cut in the shortest time.

13.6. Exercise number 5 – “Assistance emergency ship”.



Number of participants - 6 people, of them: 1 - working under water, 2 - providing a working diver under water, reserve diver in readiness at a diving post.

Armament - equipment "Type A" - hose diving equipment with a hard helmet and bots, equipped with breathing apparatus, working on open breathing pattern.

An exercise consists of eight consecutive elements:

Element number 1: "Sealing the hole with a cork": the diver on the team lowered a wooden cork, sharpened under the cone (made in preparation for working with the simulator). Diver sledgehammer clogs the cork in a fragment of the pipeline and, if necessary, holding with one hand to the frame.

Element number 2: "Sealing the hole with a metal plug": at the command, the diver lowered the necessary tool and a metal plate with a rubber gasket. In the metal plate and rubber installation of pre-drilled holes for bolts (performed in preparation for working with the simulator). A diver uses bolts to fasten a plate with a gasket onto a fragment of the pipeline to seal the hole with a metal plug.

Element number 3: "Filling the hole with a plaster on a cylindrical surface": at the command, the diver lowered the referee's curved metal plate and rubber gasket with a hole in the center, a special hook device, and also a nut with a welded handle.

A diver pulls the device into the hole and pulls a metal plate with a rubber gasket to the surface of the receiver to seal the hole with a plaster, tightening the nut by the handle.

Element number 4: "Statement of a hard patch": at the command, the diver lowers a hard patch, a rubber gasket (special gasket) and threaded hooks. The diver sets the hooks for the inner edges of the hole in the compartment for putting a hard patch and pulls the patch with the gasket to the surface of the hole, tightening the nuts on the hooks.

If it is necessary to create an emphasis on the plaster, the diver is holding the bracket with one hand.

Element number 5: "Screwing the flanges of the valve": at the command of the diver down the bolts and two rubber gaskets. A diver, using wrenches, installs rubber gaskets between the flanges and fastens removable flanges to the valve with 4 bolts each with nuts.

After completing the measures for plugging holes and assembling and disassembling flange connections, the quality of the work done by the diver is checked. For this purpose, a medium pressure hose with a quick-release tip, with which diver attaches a hose to a threaded air connection.

The diver opens the valve, and then blows air through the hose.

The air, displacing the water, enters the compartment for staging a hard patch, then through a special hole in the receiver to seal the hole with a plaster. From the receiver to seal the hole with a plaster air enters through the open valve to the receiver purge air and then into the environment through the valve of water displacement and air release.

If the work is done qualitatively, all the holes and flanges of the simulator should be tight. If it is necessary, the diver tightens all compounds and patches on the holes.

Element number 6: "Cutting the pipe." Diver downs the pipe. He clamps it in a vice and then performs welding or cutting with an appropriate tool. If necessary, create a stop holding the bracket.

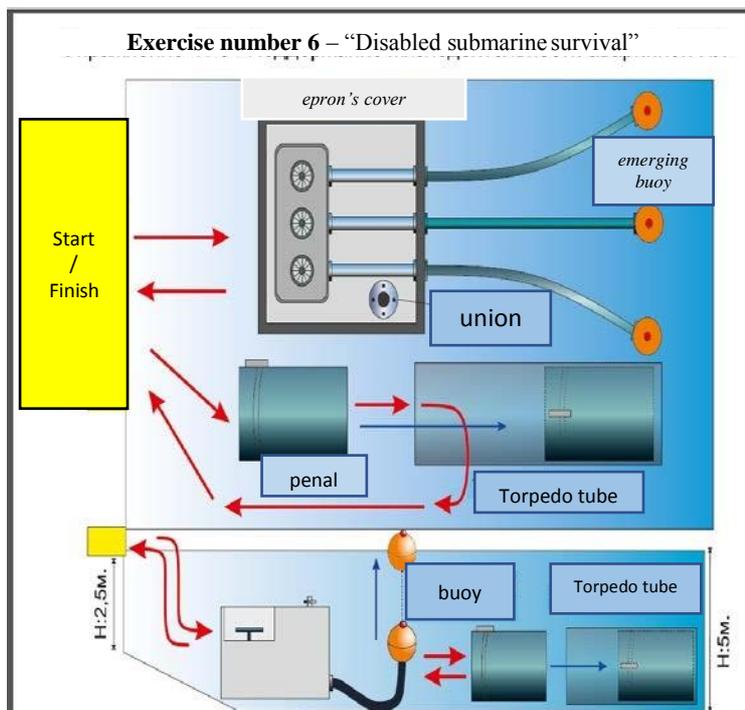
Element number 7: "The cutting of the steel cable." Together finding the lining on the compartment for the production of a rigid patch is fixed cable. A diver takes a tool for cables cutting. He places the cable on the pad and cuts him.

Element number 8: "Sawing wood." The simulator uses brackets for fixing a wooden beam. Diver down timber, he fixes it in brackets and saws.

The exercise is considered completed after the diver's arrival at the starting point, bringing all the tools to the surface and fixing the torpedo tube set by the judge in accordance with the requirements.

Penalty points are awarded by adding penalty seconds for violations (errors).

13.7. Exercise number 6 – “Disabled submarine survival”.



Number of participants - 6 people, reserve diver in readiness at the diving post.

Armament - equipment "Type B" - autonomous diving equipment with full face mask, for swimming with flippers and with breathing apparatus, working on an open breathing pattern.

An exercise consists of two consecutive elements:

Element number 1: "Enclosure made of epron".

On the ground at a distance of up to 3 meters from the start there is an EPRON shield. The key is necessary to open the enclosure cover, connect the ventilation hose to the air inlet, open the purge valves in the correct sequence.

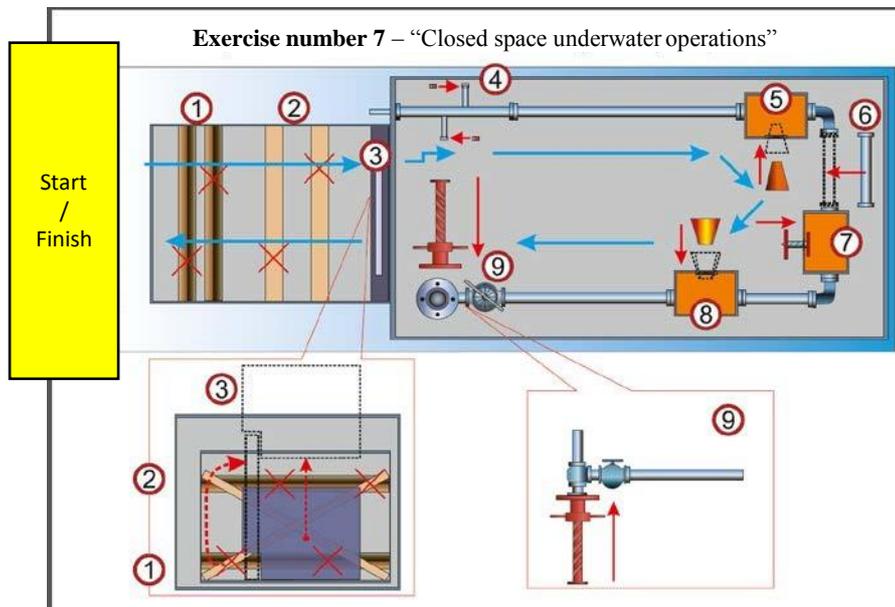
Element number 2: "Torpedo machine."

It is necessary in the hatch of the torpedo unit on the model, to lay inside a deep-water negative buoyancy case of at least 50 kg to the set mark.

The exercise is considered completed after the diver's arrival at the starting point, the ascent of buoyancy from the EPRON fencing and the fixation by the judge of the laying of the torpedo tube in accordance with the requirements.

Penalty points are awarded by adding penalty seconds for violations (errors).

13.8. Exercise number 7 – “Closed space underwater operations”.



Number of participants - 8 people, of them: 1, 2 - working in the compartment under water, 3 - providing working divers under water at the entrance to the compartment, reserve diver in readiness at the diving post.

Armament - equipment "Type A" - hose diving equipment with a hard helmet and bots, equipped with breathing apparatus, working according to the open breathing pattern of divers working in the compartment;

equipment "Type B" - autonomous diving equipment with a full-face mask or a half mask, for swimming with flippers and breathing apparatus, working under the open breathing pattern of the Russian production of the providing diver.

An exercise consists of six basic sequential elements:

Element number 1: "The passage of the dam."

The passage of a closed compartment is difficult to "blockage". It is necessary to perform work on the release of the "clearance". Using a pneumatic saw, perform two metal cuts and remove them. Then, alternately enter the narrow corridor and, using a saw to tree, make 4 saw cuts, specified length. With the subsequent use of fragments of the board during the passage of the compartment.

Element number 2: "Restoration of the emergency section of the pipeline."

Using bolts, gaskets and nuts, flange connections must be made at the pipeline section for subsequent air supply through the highway to the "airbag" with the victim.

Exercise is performed when the specified requirements for compounds.

Element number 3: "Putting the patch".

It is necessary to perform work on the installation of the patch on the hole in the air box for the purpose of subsequent purging of the pipeline. The exercise is considered feasible if the specified requirements for the installation of the patch.

Element number 4, 5: "Filling holes with cork and wedges."

Using a sledgehammer, it is necessary to drive the cork and wedges into the hole of the air box for the purpose of subsequent purging of the main line. The exercise is considered feasible when the specified requirements for the installation of cork and wedges are met.

Element number 6: "Sealing holes with sliding stops."

Using a rubber gasket and a wooden bar, with the help of a sliding stop, delivered by divers from the surface, to seal the hole in the end flange.

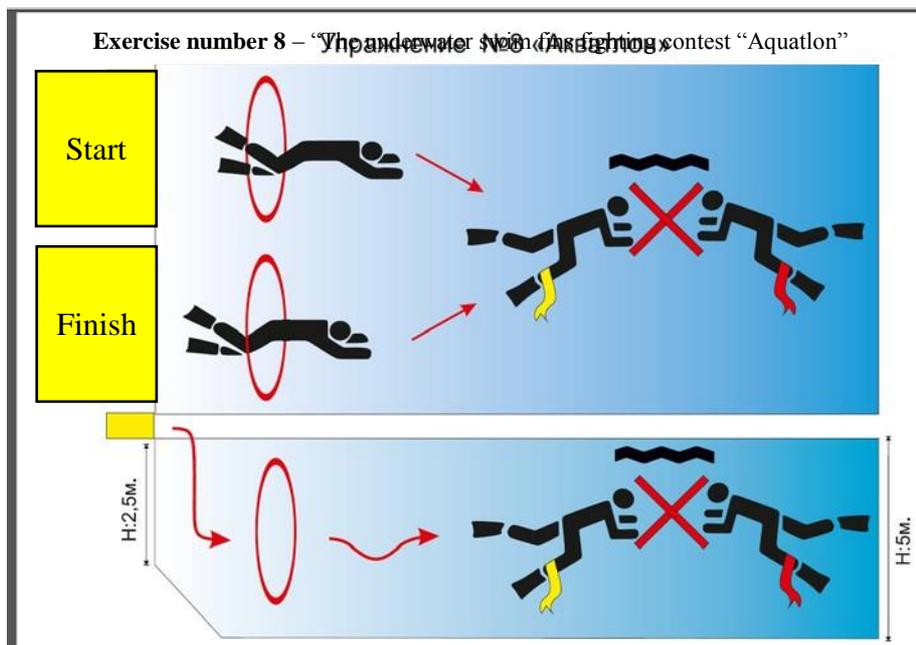
Completion of the elements of the contest is complicated by the fact that certain tools and structural details to be restored by divers are located in a compartment in hard-to-reach places. To extract these elements divers need to perform additional work with a manual (wedges, sledgehammer, axe) and pneumatic tools (drill, hammer drill), as well as the transfer of metal in limits of the compartment.

After completing the measures for sealing the structural elements, the quality of the work performed by the diver is checked. To do this, through a medium pressure hose with threaded connection serves air through the hose. The air, displacing the water, passes through the assembled flange joint, sealed drawers and end flange. Air from the pipeline through the air purge receiver enters the environment through the valve of water displacement and air passing. If the work is done well, all the holes and flanges simulator should be sealed.

If necessary, divers tighten all connections and patches on the holes.

The exercise is considered to be performed with the passage of air through the line and the tightness of all the nodes of the layout.

13.9. Exercise number 8 – “The underwater swim fins fighting contest “Aquatlon””.



Number of participants - 3 representatives from each team participate in the Contest.

Armament - equipment “Diving kit number 1” (flippers, mask, half mask, swimming goggles).

The fight “Aquatlon” consists of 3 rounds, lasting 30 sec. each. Break between rounds is 1 min. Before the start of the round, at the start signal, a pair of participants with a control tape on their foot occupy the initial positions in the center of the free zones beyond the bounding rope of opposite sides of the ring.

After the “Attention!” command, participants are required to keep their head above the surface of the water. Otherwise, false start is declared. At the signal of the start of the round, which is served with one blow to the gong, the participants dive under water and for 6 sec., they must dive through the hoops. The participant who for 6 sec. did not pass through his hoop, gets defeated in this round, and his opponent is declared a flawless victory. Passing through their hoops, participants come to grips for ribbons. Up to this point, all participants in the fight act according to a single scheme. The main goal - to rip the tape from the feet of the enemy.

If the participant passed through his own gates and sailed to the opponent's gates, do not let him in them before the expiration of 6 sec. from the moment of the start, he is also declared a flawless victory.

After passing the gate, participants can float to the surface and fight there. During the struggle, participants are allowed to enter the free zone. When swimming out of the free battle zone interrupted, participants return to the center of the ring, where they continue to fight until the end of the round. If a contestant emerged with

an opponent's tape in within the free zone, he must swim to the rope of the ring and stick his hand out with the ripped ribbon under the rope, showing it within the ring. If he manages to do this before the signal of the end of the round, then flawless victory is in this round. If none of the participants achieved a clear victory in the round, the winner is determined according to the majority of the judges.

13.10. Change the name, composition and order of execution the exercises specified in these Regulations is prohibited during the Contest.

13.11. It is prohibited to include new exercises in the program of the Contest.

XIV. Defining Contest Results

The team - winner in the overall standings is determined by the maximum amount of points scored by the team in the exercises.

The team - winner in a separate exercise is determined by the maximum amount of points scored by the team on a particular exercise.

In case of equality of the sum of points for two or more teams, the team with the best result in the fifth exercise, “work in a confined space”, has an advantage.

XV. Winner's reward ceremony

Teams who have occupied prize places in the overall standings in all-round are awarded with commemorative cups, pennants, diplomas of relevant degrees and valuable gifts.

Participants, coaches of teams that have occupied prize places in the overall standings in all-round events are awarded with medals and diplomas of the respective degrees.

The teams that took the first places in the individual exercises are with awarded with memorable cups and diplomas.

Teams that take second and third places will be awarded with diplomas of corresponding degrees.

Teams that have occupied prize places in individual contests are awarded with diplomas and memorable prizes.
