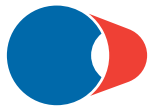
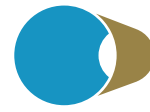


Panorama

CPC



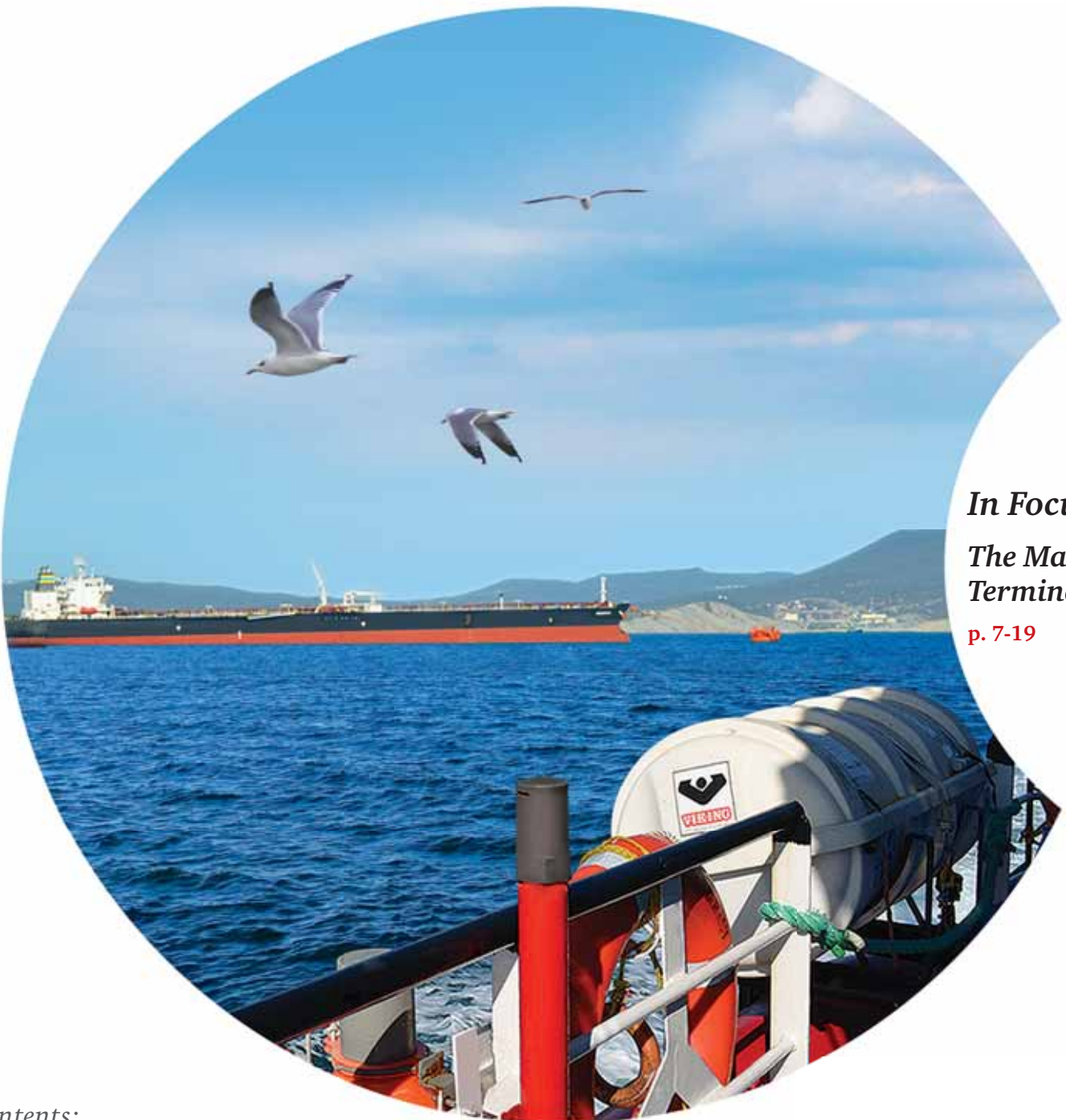
JSC Caspian
Pipeline
Consortium-R



JSC Caspian
Pipeline
Consortium-K

Caspian Pipeline Consortium Corporate Edition

№1 (12) April 2016



In Focus:
***The Marine
Terminal***
p. 7-19

Contents:

Heading into the home straight • **p. 1** / Operations: Result-oriented work • **p. 2** / Environmental protection is the priority • **p. 15** / Expansion Project: Launch of PS-4 • **p. 21** / Thanks to CPC: To the people of Stavropol • **p. 24** / Lifestyle: Only the brave can tame the oceans • **p. 46**

CONTENTS

FIRST PERSON

Heading into the home straight

1



OPERATIONS

Result-oriented work

2

Milestone meeting

4

When the system is in balance

6



MARINE TERMINAL

Full readiness

7

To be in front

8

This is part of our biography...

11

Environmental protection is the priority

15

Caring for people

18



EXPANSION PROJECT

A huge construction project running on time The

20

Magnificent «Four»

21



THANKS TO CPC

To the people of Stavropol

24

PROFESSIONALS

Everything is under control

26

By the roads of CPC

27



PEOPLE OF CPC

The lady of the house

28

THROUGH THE LENS OF HISTORY

At the bottom of an ancient sea

30

The pipeline laid beneath the Ladoga Lake

32



TRADITIONS

Following the ancient customs

34

HOBBY

With love for the land

37

Astrakhan's great spaces

38



TRAVELS

Paradise island

40

"This is no plain ..."

42



LIFESTYLE

Come And Be Caught, Fish

45

Only the brave can tame the oceans!

46

OUR FUTURE

Young Taekwondo Fighter

48

"Pride of the Motherland" from Ipatovo

49



Heading into the home straight

DEAR COLLEAGUES AND FRIENDS,

THIS YEAR, THE CASPIAN PIPELINE CONSORTIUM WILL REACH A HISTORIC MILESTONE. IN SEPTEMBER, WHEN ALL THE CONSTRUCTION AND INSTALLATION WORKS ARE COMPLETE, THE PIPELINE SYSTEM WILL REACH ITS DESIGN MECHANICAL CAPACITY OF 67 MTA. THE USE OF DRAG REDUCING AGENTS MAY FURTHER INCREASE THE PIPELINE'S THROUGHPUT CAPACITY TO 76 MTA.

Since the launch of the Expansion Project, the CPC team has been consistently moving forward towards our goals. In 2015 alone, 19 facilities were put into operation; 16 in Russia and 3 in Kazakhstan. In December 2015, CPC pipeline's throughput capacity reached 52 MTA, which is a notable result!

Pipeline capacity will be further increasing throughout 2016. Two pump stations are scheduled to be put into operation in the first half of this year: A-PS-4A in the Astrakhan region and A-PS-4 in Kazakhstan. With the launch of these pump stations, the pipeline's capacity will reach up to 57–58 million MTA.

The CPC oil terminal is ready for receiving "big oil": it is already capable of simultaneous loading of two tankers at a rate of up to 24,000 tonnes per hour.

Three new tanks were put into operation at the Novorossiysk tank farm in September 2015. Three more tanks are scheduled to be put into operation in the autumn of 2016, to bring the tank farm's total capacity to 1 million tonnes.

This growth will increase the Consortium's revenues and facilitate debt repayment to the shareholders. In 2015, CPC paid over \$1.5 bln to the shareholders, including \$530 mln to the Russian treasury (The state

shareholding in the project is 31%). Given the present difficult financial situation, the money is a sound support for our country.

In 2016, CPC plans to allocate up to \$1 bln for debt repayment to the shareholders.



CPC Expansion Project will not only remain within its budget of \$5.4 bln, the assumption is we shall achieve some savings.

The Consortium's shareholders and its management are happy to note that, huge as it is, the CPC Expansion Project is running with good HSE indicators. Being an international consortium, CPC employs only the very best practices and strictly observes the statutory requirements of the Russian Federation.

Now, as we are heading into the home straight of the Expansion Project, I'm calling upon all project's participants to stay vigilant, disciplined and attentive to each other so that we can successfully and safely complete our ambitious undertaking and proceed to the safe operation of the new facilities. ■

Nikolay Brunich, General Director of the Caspian Pipeline Consortium



At PS-4 commissioning

Result-oriented work

THOUGH THE YEAR HAS STARTED IN A DIFFICULT ECONOMIC SITUATION, THOSE COMPANIES, WHICH WORKED HARD DURING THE LAST YEAR TO LAY A FOUNDATION FOR THE FUTURE, TEND TO VIEW CRISIS AS A TIME OF NEW OPPORTUNITIES. HOW WOULD YOU APPRAISE CPC'S PERFORMANCE FROM THIS VIEWPOINT? VICTOR ABMAYEV, GENERAL MANAGER FOR FIELD OPERATIONS ANSWERED THESE AND OTHER QUESTIONS ASKED BY "CPC PANORAMA."



Victor Abmayev: "Together we are a single mechanism, which is why we succeed in achieving our goals of increasing pipeline throughput and launching new facilities."

– 2015 год, несмотря на сложную
"Despite the difficult situation in the country and in the world, the last year was fairly successful for the company as we managed to lay the foundation for this year's successes," Abmayev stressed. "We have fulfilled nearly all the obligations for commissioning our new facilities and increasing the operational reliability of the pipeline. We've achieved the milestone target of 52 MTA. We have every reason to be proud of both our excellent performance and our labour safety record. Working simultaneously on the Expansion Project, oil pumping

and loading, we have managed it all without a single accident, which is truly impressive."

– What can you say about the performance of individual regions, which one is the leader?

"As far as the regions are concerned I would rather not name any of them specifically. All sites are staffed with strong and professional teams. CPC has operational standards in place as well as working approaches and algorithms, and each region works hard to contribute to the common goals. One cannot lag behind at CPC. We are like a military unit on the march, where everybody must stay in step.

In fact, we do not need heroism here, but we need stable and result-oriented work, the aim being to increase the pipeline's throughput capacity. Responsibility at all levels – from top managers to workers – is business as usual for CPC. When

In fact, we do not need heroism here, but we need stable and result-oriented work, the aim being to increase the pipeline's throughput capacity

people know what they are doing and what is expected of them, they can work more effectively. If everybody is aware of ultimate goal it is easier to find optimal ways, methods and processes."

– With what professional achievements is the Department of

Operations entering the final stage of the Expansion Project?

"We have accumulated a huge amount of experience from the interactions between the Operations, the construction contractor and the Expansion Project's lead specialists. Together, we have managed to achieve the synchronous operation of all CPC services. Coordinated work is under way by specialists from the Operations Department, the Expansion Project, procurement, sales, and the system automation department. Together we are a single mechanism, which is why we have succeeded in achieving our goals of increasing pipeline throughput and commissioning the new facilities.

Our top priority is safety, which is the cornerstone of CPC and is absolutely the right approach. After all, human life and health is much more important than anything else."

– What has been done to improve the operational reliability of the system?

"We've put into operation additional pump stations and lots of additional facilities at the Marine Terminal. At the same time, there has been no increase

in the number of equipment failures from 2014 thanks to constantly improving equipment maintenance and monitoring. Ad hoc commissions have been set up in the regions, which investigate each incident of equipment failure, figure out the root causes, and send the relevant documents to the Moscow office, where more investigation is carried out and

“I would rather not divide facilities into more important and less important. All of them are important and significant since they ensure the stable and reliable operation of the pipeline system. For example, the pump stations commissioned as part of the Expansion Project have allowed us to increase its both throughput capacity and reliability. The

Yet before a facility is put into operation, we make maintenance agreements with service contractors. We inform our equipment maintenance contractors beforehand so that they have time to be trained. Maintenance specialists are admitted to our facilities only after they have passed a strict certification procedure, which we perform together with the contractors.

There is no limit to perfection as we learn something new every day. We are always learning

conclusions are drawn. Based on these final conclusions, measures are taken to prevent such failures in the future.

Unfortunately, there is no such thing as a perpetual motion machine. Equipment, which is operated 24/7, requires increased attention. All our equipment maintenance agreements include delivery, supervised installation and subsequent post-warranty service. We figure out where the bottlenecks are and work in close contact with the manufacturers, vendors and designers, we listen to their explanations and draw conclusions together. Such cooperation allows us to keep the equipment operation reliability at a high level.”

– Which of the newly commissioned facilities are most important for CPC?

new three 100,000 tonne tanks launched at the Marine Terminal have helped us to pull through the winter gales season at the Black Sea. With the higher capacity of the Tank Farm we were able to continue pipeline operation even when forced to suspend tanker loading.”

– When does the Operations Department join the process of the new facility commissioning under the Expansion Project?

“Being familiar with the commissioning schedule, we started preparing for the facility beforehand, and we took part in system tests together with Expansion Project specialists. By the scheduled start time, we will already have relevant skill sets hired, trained, certified and completely ready to assume full responsibility for operations.

While a facility is being installed and commissioned, we take care to provide everything necessary – from amenities to working tools. The Operation Department takes care of the electricity and water supply, fire and gas safety and all the other things needed for reliable operation.

As we have learned from our experience, joint efforts by the construction and operations teams are particularly important at the final stage of the Expansion Project. Sometimes a facility was so thoroughly prepared, that it was not even necessary to interrupt its run after the first trial start.

There is no limit to perfection as we learn something new every day. We are permanently learning. After all, any valve and any pump at our facilities needs to be installed and adjusted manually. Therefore, we must be particularly attentive to quality in order to ensure safe and reliable operation.” »

| PS “Komsomolskaya” ready to receive Lukoil’s oil

– What difficulties is the Operations Department facing on the home stretch of the Expansion Project?

“Difficulties appear time and again as the project is progressing. This is normal for any large-scale construction project. We resolve all problems as they emerge, like any normal business.

This year we are approaching the completion of the Expansion Project, preparing all the necessary equipment and bringing the pipeline to its maximum throughput capacity. Another matter is whether our shippers will be ready for that on time. As far as the scope of our work is concerned, we have prepared all the necessary infrastructure to begin receiving and transporting oil from the Kashagan field. In the last quarter of 2016, we are expecting oil from the Filanovsky and Korchagin fields to arrive at our metering stations at PS Komsomolskaya, and we’ve already discussed the relevant issues with the management of Lukoil-Nizhnyaya Volga.”

– Where, in your opinion, does the secret of CPC’s success lie?

“It lies in the high professionalism of our specialists who know which tasks need to be completed and when. Our team is a well-knit team, which makes it easier for us to resolve problems. Not everything is going on smoothly, but our people invariably find optimal and technically sound solutions. We will finish all that we have planned for 2016 in respect to the facility launch and oil transportation. ■

Interview by Ekaterina Suvorova

Milestone meeting

AT A MEETING HELD IN MARCH IN THE MISTRAL HOTEL NEAR THE TOWN OF ISTRA NEAR MOSCOW, LEAD ENGINEERS AND SPECIALISTS OF THE CPC OPERATIONS DEPARTMENT SUMMED UP THE RESULTS OF 2015 AND COMPARED NOTES ABOUT THEIR PLANS FOR THE CURRENT YEAR.

In his opening speech, CPC First Deputy General Director of Operations, Dennis Fahy remarked that the annual meeting was being held for the 10th time, and the entire decade had been marked by the consistent growth and development of the company.

– 2015 also was a successful year for the Consortium in terms of both oil volume transportation and safety indicators. With the active involvement of the Operations divisions, a large number of Expansion Project facilities have been launched. This year, 2016, we are facing no less significant goals, Fahy remarked – aiming to fire up the team for further coordinated and fruitful work.

– We worked successfully and at a good pace, Chief Manager of Operations, Viktor Abmayev concluded, summing up the results of 2015.

37 mt of oil out of the 43 mt transported through the CPC pipeline in 2015 was the oil produced in Kazakhstan. Eastern Region Manager Sarsembay Murinov reported that 25 mt of oil were received into the pipeline system at PS Tengiz and over 12 mt at PS Atyrau. Therefore, the Eastern Region’s oil transportation volumes increased by more than 7% from 2014. The facilities of the Expansion Project’s Stage I were launched in Kazakhstan in September 2015.

Central Region Manager Ivan Sharay reported on the progress of the construction of new pump stations and staff training for their operation.

– Future operators of A-PS-4A and A-PS-5A have undergone





training and apprenticeships at the Central Region's operating stations. Staff for PS-2 have been selected, – he added.

The management of the Central Region are now considering transferring PS Astrakhanskaya to the team rotation method. If this is decided, then all six CPC stations in the Astrakhan region and Kalmykia will be operated this way.

Western Region Manager Sergey Potryasov reported that in 2015 his team worked without failures or accidents.

No abnormal situation occurred during the launch of the Expansion Project facilities, – Sergey Potryasov remarked.

With the launch of the new pump stations the number of employees on payroll increased 38% year-on-year. Our task at this moment is to provide staffing for PS-5 and PS-8.

Marine Terminal Manager Oleg Ivanishchev proudly heralded 42.8 mt of oil loaded onto tankers in 2015. A total of 406 tankers were loaded. The use of all three single point moorings reduced tanker mooring time by 6 hours, which is particularly important in the harsh weather conditions of autumn and winter. The tanker inspection procedure has also been optimised. In the past inspectors were only allowed to board tankers if the sea swell was not higher than 1.5 m, though tankers could be loaded in swells of up to 3 m. Now this has been resolved, a tanker may be loaded and wait in the harbour for weather to allow inspectors to board. This approach has helped achieve a considerable acceleration of the tanker loading process.

At CPC careful attention is paid to training staff for various emergencies. The program of drills implemented in 2015 included nine mock oil spill cleanups, eight fire-fighting drills and nearly 600 general exercises.



The Consortium's successes in the field of environmental safety are also impressive. Despite the growing oil transportation throughput, per unit environmental payments are consistently falling.

All problems and proposals voiced at the meeting were included on the meeting minutes. In the near future they will be attentively and comprehensively reviewed by specialists to further improve performance indicators and labour efficiency in the Consortium. ■

Interview by Pavel Kreto



When the system is in balance

THIS YEAR THE CASPIAN PIPELINE CONSORTIUM WILL CELEBRATE THE 15TH ANNIVERSARY OF OIL TRANSFER VIA THE TENGIZ – NOVOROSIYSK PIPELINE. AND YET SOME CPC SPECIALISTS HAVE BEEN WORKING FOR THE COMPANY FOR OVER 20 YEARS.



For example, the Head of Land law group, Lyudmila Konovalenko from the Krasnodar office, has been working on CPC projects since 1994. She started off as an interpreter with a degree in foreign languages from Kuban State University.

Her first job was with Oman Oil Company Ltd, the company responsible for the preparation of feasibility studies and for choosing the CPC pipeline route from the three possibilities.

– It was no office job, there were helicopter and car rides. I can safely say that all three possible pipeline routes were specified very carefully, – recalls Lyudmila Konovalenko. – Every day foreign experts had meetings with local villagers, farmers and administration representatives.

That experience came in handy when in 2002 Lyudmila became a land issues consultant. The construction of large scale CPC facilities was nearing completion, the land was to be returned to the owners, and the process required a lot of paperwork.

– There had never been a separate

specialist in the Consortium for that before. In order to work effectively all the information had to be dealt with by one single person, – Lyudmila continues.

She had to get a second degree, in law, for this particular job. Lyudmila and her colleagues have been ensuring compliance with land laws by CPC divisions ever since, as well as doing contractual work and monitoring the payment of rents.

The CPC Land law group works closely together with CPC Operations, since refurbishment, reconstruction, and the building of new facilities require land documentation.

They also have a large amount of work connected with the CPC

Expansion Project. It's enough to say that all agreements from the Expansion Project Regulatory Affairs Group should get approval from the CPC Legal department.

– First we get contracts for advance approval and revision. Documents, once revised, are returned to our department for finalisation, and only after that are they sent for signature, – continues Lyudmila.

Now, as the Expansion Project facilities are nearing completion and are being prepared to be put into operation, the documents are being gradually transferred for administration to the Group headed by Konovalenko.

– Of course we get to work more now that the new facilities are being put into operation and the number of land agreements is increasing, but it is not something to worry about when you have a smoothly running system. Most of the CPC lease agreements for land are made with state and municipal authorities, such as regional and local administrations. Agreements with individual land-users are much fewer in number, even though they require much more time and attention. The negotiation experience from the years of pipeline system operation helps find common ground with this category of land-users, too, – Lyudmila Konovalenko concludes. ■

by Pavel Kretov

Full readiness

IN AN INTERVIEW WITH PANORAMA, REGIONAL MANAGER OLEG IVANISHCHEV HIGHLIGHTED THE TEAM'S READINESS FOR OPERATING CPC SYSTEMS AT THEIR FULL CAPACITY AND FURTHER AREAS OF IMPROVEMENT AFTER THE COMPLETION OF THE EXPANSION PROJECT.

– Oleg, what are the Marine Terminal's priorities for 2016?

“Our No. 1 task is to ensure the oil is loaded on schedule. Task No. 2 is the completion of the Expansion Project, and No. 3, which we've always devoted particular attention to, is safe and incident-free performance, which we are achieving thanks to the well qualified and vastly experienced team at the Marine Terminal.”

– Has the number of contractors working at the construction site decreased?

“Yes, the number is smaller now. We are past the peak and nearing completion. I hope we will have completed the construction of the last three tanks by autumn. After that, there will be some minor finishing touches, followed by putting the facility into operation.”

– Is the Marine Terminal team ready to cope with the workload after the CPC system starts operating at its full capacity?

“We are 100% ready! We've prepared for that beforehand. During the last year we started training our specialists and the training program continues into this year. We are ready for intensive work, and I see no

problems with that.”

– Progress cannot be stopped. The Expansion Project is almost complete, but the team should not stop there, there must be other points of growth.

“We are proceeding with quality improvements. We are constantly improving skills, introducing new methods and techniques. We have goals to achieve. We are closely cooperating with Transneft and Chevron and are trying to emulate their progressive technologies. They can learn from us, too.

There is a constant migration of employees between the companies, which has positive effects, including preventing stagnation. After all, a professional should be always developing. In foreign companies, specialists are usually offered a move to a different facility every 5 years. After a person has acquired versatile experience at several companies, he becomes particularly valuable. We like to say that people are the company's most valuable assets.”

– You are relatively new to CPC. How does it feel for you to work here?



“I would like to emphasise that it is both comfortable and pleasant to work with the CPC General Director. We maintain a constant dialogue. I want to stress: it is indeed a dialogue, not a monologue as it often is with bosses, who refuse to listen to their subordinates. Nikolay Brunich is always open and ready to hear about our issues. In fact, the same is true about other people in our team – Viktor Abmayev, Serikkali Murinov and other managers. And, of course, Dennis Fahy who is always available and ready to help resolve any issue. It is good that here in CPC there is no such thing as “your problem” because we resolve all issues together as a team. This is strongly felt. Believe me, not every company can boast of such working environment.” ■

Interview by Irina Brichkalevich

To be in front

INTERNATIONAL AWARDS FOR THE CPC MARINE TERMINAL, WORK SAFETY CONTROL AND FORTHCOMING CHANGES AT THE TERMINAL DUE TO THE COMPLETION OF THE EXPANSION PROJECT ARE DESCRIBED BY IGOR FLOROVSKIY, DEPUTY REGIONAL MANAGER FOR MARINE OPERATIONS OF THE CPC MARINE TERMINAL.

UNIQUE AND ADVANCED

The CPC Marine Terminal is a project unlike any other project done in Russia before. Its main advantage is the application of CALM technology (Catenary Anchor Leg Mooring) which includes buoys or single-point mooring facilities (SPM).

They are used for loading supertankers without draft restrictions and in the absence of constraints for maneuvering.

Another important advantage of the CPC Marine Terminal is its unique geographical location protected by a mountain ridge. The terminal can continue its mooring and loading operations when they are stopped at the port of Novorossiysk because of weather conditions.

Our Marine Terminal has some of the most technologically advanced infrastructure in Russia, which is confirmed by prestigious awards at international conferences and fairs received over more than 10 years.

THE BENCHMARK OF THE INDUSTRY

We at the Marine Terminal are rightly proud of our recent prestigious award – Oil Terminal 2015. We won the Grand Prix 2015 international award where all major transshipment terminals for oil and petroleum products of Russia and of its neighboring countries vied for victory. The winner in this category is the industry standard based on its aggregate performance indicators and establishes an



Igor Florovskiy: “Our Marine Terminal is one of the most advanced because of its technological infrastructure”

industry’s benchmark for all market players.

This victory enhanced the prestige of the CPC Marine Terminal in the fuel and energy industry worldwide and its attractiveness for shippers as the most hi-tech and safe terminal for oil shipments.

The success of any venture relies on the people who lead the company to new achievements with their experience, knowledge, aspirations, persistence, and authority. We are also pleased that CPC General Director Nikolay Brunich won in the category «For Personal Contribution to the Industry Development». This nomination was for managers and engineers – all those who made great personal contributions to the development of their

The awards to the Marine Terminal are signs of international recognition



companies and of the industry in general. All these accomplishments are possible thanks to the great team at the Marine Terminal, and, of course, thanks in large part to our General Director.

THE HIGHEST VALUES

Safe operation and a careful attitude towards the environment is always the priority at CPC. The company's policy is that human safety, and the health and protection of the environment are of greater importance than economic benefits. The CPC oil pipeline system is a closed system and, once it enters, oil remains inside until it is loaded onto a tanker, which excludes any contact with environment.

The Central SCADA Control System, which is based on the world's most advanced solutions for the automation of processes and facilities in the petroleum industry, makes the operation of the CPC Marine Terminal highly efficient and safe.

The oil loading operations are directly supervised by highly skilled staff both onshore in the Main Control Center (MCC), and onboard the export tanker. This process allows tankers to be handled with minimum risk and with maximum safety.

A significant portion of the company's budget is annually allocated to environmental purposes. The money goes toward the maintenance of oil spill response equipment, and for internal and external audits to check the environmental management systems. Every year the Marine Terminal has passed its inspections by regulatory authorities as specified by Russian

environmental laws with flying colours.

ALWAYS READY

Every month the Marine Terminal holds training sessions and drills for oil spill response at sea and protection of the shore line in the coastal zone by the deployment of oil-gathering booms. In 2016 more exercises are planned for the 3rd quarter. And a combine international exercise,

attached to the Protocol on Cooperation in Combating Pollution of the Black Sea Marine Environment by Oil and Other Harmful Substances in Emergencies, and the decisions of the Commission on the Protection of the Black Sea Against Pollution. The member countries of the 1992 Convention on the Protection of the Black Sea Against Pollution host and hold in turn exercises at this level in their territorial waters to drill



Igor Florovskiy and representatives of shareholders during a drill near the CPC Marine Terminal

RU DELTA 2016 Combined Exercise of Marine Search and Rescue, Assistance for an Emergency Rescue Vessel, and Oil Spill Marine Response will be held Novorossiysk port in September. This exercise will be carried out in line with the provisions of the Black Sea Contingency Plan

the interaction of their search and rescue services. The CPC Marine Terminal confirmed its participation in this comprehensive international exercise. Employees of CPC Marine Terminal Operations Department will represent the company at the headquarters of the exercise management. »



Work is in full swing at the headquarters at the Marine Terminal

HORIZONS OF DEVELOPMENT

The Expansion Project is expected to increase the capacity of the CPC pipeline system to 67 mta. Naturally, this level of pumping

cannot be achieved without increasing the number of export tankers loaded at the Marine Terminal. The number of tankers processed at the Terminal is estimated to reach approximately 650 a year or about 2 tankers a day. The

scope of the operations and maintenance of the major and auxiliary equipment at the Marine Terminal will increase several-fold, of course, but the company management is already increasing the number of staff at the Terminal to ensure uninterrupted and accident-free pumping of the planned oil volumes.

As part of the Expansion Project, in order to ship these oil volumes, the Marine Terminal is also putting new facilities into service including SPM-3 (it has been in service since 2012) and 6 new storage tanks of 100,000 m³ each (three of them are already in test operation). The management structure of the Marine Terminal will not be changed much after the completion of the Expansion Project since it has proved its efficiency over 15 years managing a complex transportation infrastructure facility such as the Marine Terminal. ■

by Irina Britchkalevich



The onshore facilities of the Marine Terminal

This is part of our biography...

THE SCALE OF CONSTRUCTION AT THE MARINE TERMINAL'S TANK FARM BOGGLES THE MIND. THE FACILITY IS CHANGING ALL THE TIME. THE EXPANSION PROJECT IS NEARING COMPLETION, WHICH IS CLEARLY VISIBLE AT THE SITE.

THE CONSTRUCTION SITE NEEDS MORE ATTENTION

We are walking around the construction project with Deputy Regional Manager for the Marine Terminal's Shore Facilities, Yuriy Belov.

– Look, how it is changing all around, – Belov proudly said showing the grounds where he spends a large part of his work time every day. – As things stand, most facilities have been completed and turned over for operation, including the Support Base (SB), the fire station and the logistics base. Our main goal for this year is to put into operation all the remaining facilities in the Expansion Project, and integrate them into the existing systems at the Tank Farm.

Special attention is paid to the earth-moving, construction and

installation works because they need to be done while the other facilities are operating.

At the construction site we met OPPS operator Vladimir Korneyev. He is in charge of issuing work permits to work teams, and, if necessary, he can stop the equipment. Vladimir is an old timer here – he has been with the Marine Terminal since 2001.

– Our shift was lucky to receive – the first oil, – he recalls. – It was hard back then, at the very beginning, but when the Expansion Project was launched and construction teams arrived to work at the already operating facility, it became much harder. However, these hardships are ending soon. But as long as construction is under



Yuriy Belov

way we need to be twice as attentive.

– What is the scope of your authority at the construction site? – Panorama asked Vladimir.

– If I notice any violation, I have the stop work authority. In such cases, I report the findings to the management and they decide how to react: to stop the work completely or to suspend it temporarily – until the problems are corrected.

– At the moment, the work has shifted mostly to the upper group of tanks Nos. 7, 9 and 10, – Yuriy Belov went on to say. – There is only one sophisticated facility remaining to be completed—the pressure control station at the Tank Farm inlet. We are devoting special attention and care to that. »



Vladimir Korneyev



Sergey Aksyonov

WITHOUT ACCIDENTS

– This is quite a hard time for the operational staff as we have to ensure the uninterrupted operation of the existing equipment while the construction effort is under way, – at that point Tank Farm Manager Sergey Aksyonov joined our tour of the facility. – In these conditions we have to keep the operating

equipment safe, and we manage that thanks to the cooperation between all participants. For that purpose we regularly hold joint working meetings, among other measures.

We were told that things were much harder back in 2011, at

the start of the Expansion Project. Back then, there were intensive earthworks with heavy machines moving whole mountains of soil.

– Of course, there was a risk of damaging some underground utilities, and we, for our part, exercised stricter control of the operations, – Aksyonov said.

– As a result, we managed to

avoid accidents thanks to timely preventive action. At the end of the construction, a large amount of new equipment will be put into operation. Now we are preparing for that. Some problems might emerge in the course of this operation, but I'm certain we will manage to resolve them.

– Are the new tanks different in their design from the older ones? – Panorama asked Sergey.

– No, they are standard, – he replied. – However, there are some minor differences in valves, fixtures and some structural elements of the floating roofs, which have been re-designed after our experience operating the older tanks. The new tanks, Nos. 4, 6 and 8, which were put into operation over the last year, have demonstrated excellent performance.

Asked whether the sanctions imposed against Russia impacted equipment supplies to the Tank Farm, Sergey



Pressure control station at the Tank Farm's inlet

Aksyonov replied:

– Yes, sanctions affected us, but only partially. Most of the equipment was purchased earlier, and now there are only a few unresolved issues remaining about the procurement of some components and cables, and alternative arrangements need to be made. However, these are only minor problems, they will not affect the construction schedule and will be resolved in the course of the work.

PAGE OF BIOGRAPHY

Standing beside these colossal tanks, their footprint comparable to a football field, one cannot help admiring the scale of the effort, the engineering thought, the professionalism, and the stamina and fortitude of the people who worked to create it all.

Contractor representative and deputy head of Koksokhimmontazh in charge of general construction work, Vladimir Khartanyuk, is one of the central figures at the site.

– At the moment, our efforts are focused on stage II, which includes the installation of electrical cabling, fire alarms and gas analysers, – he explained. – These systems are most important because nothing can happen before they are all in place. There was a meeting yesterday discussing this work, and the conclusion was made that the shutdown scheduled for April 19 remains in force. The shutdown is needed for cut-overs and preparations for the commissioning of three tanks. We have assigned a strong workforce for landscaping around tanks Nos. 7, 9 and 10,

we are installing outdoor illumination, access roads, etc. In a word, we are running on schedule.

– How are you cooperating with the Operations Team?

– We are cooperating very closely and there is a clear mutual understanding.

– Are you satisfied with the results of the construction?

– Of course! – he smiled. – It hasn't been for nothing that we have been toiling here for five years! I, myself, have been at the facility since May 29, 2011. The effort has been truly colossal. The Tank Farm is acquiring more and more completed form. In May-June, the roads will be asphalted and a perimeter fence will be installed. – At the moment, the Operations Team in the person of Yuriy Belov

is accepting the completed facilities and inspecting them for defects, – Khartanyuk went on to say. – Of course, there are some problems, including those related to design flaws, but these are typical for large construction projects and we'll overcome them quite easily. Of course, we take into account the recommendations of the Operations Team specialists. After all, it is they who will operate these facilities.

– You will be feeling sad to leave the site after all is completed, won't you? »



Vladimir Khartanyuk





Vladimir Dmitriyev

– Not at all! This magnificent Tank Farm would be an excellent page in the biography of any builder, – he smiled. One day, I will bring my relatives here to show them this marvel

increases when the finishing line is in sight.

– There is not much to be done to finish the remaining tanks compared to what has

which I was personally involved in creating, and into which I put so much of my energy.

THE HOME STRAIGHT

The huge construction site is like a mammoth organism which cannot be broken by anybody or anything. Strength

been done already: finish the embankment and diked areas, install the piping, hydrotest process pipelines, connect the detectors, adjust the automation system, perform comprehensive test and a 72-hour trial run... All these works are being performed strictly on schedule, – Maintenance Manager Vladimir Dmitriyev said.

Before leaving the Tank Farm, we climbed to the view point from where a spectacular panorama of the construction site opens. Now that the Expansion Project is entering the home straight, work is in the full swing here. There is no doubt, we will see a very different view when we come here next time. ■

*by Irina Brichkalevich
Ekaterina Suvorova*



Environmental protection is the priority

THE ISSUE OF ENVIRONMENTAL PROTECTION AND CARE FOR NATURE IS INSEPARABLE FROM THAT OF CARE FOR PEOPLE. ENVIRONMENTAL PROTECTION MEASURES ARE SUPPOSED TO HELP IMPROVE THE QUALITY OF HUMAN LIFE AND VICE VERSA.

HEALTHY SAVINGS

While meeting with Marine Terminal specialists in their offices we noticed that the artificial illumination felt very similar to daylight. Everywhere in the building the old lamps have been replaced with modern LED lighting fixtures. Their laconic design imparts additional charm to the interiors. As we were told, LED lighting was adopted not for the sake of beauty. LED lamps are brighter and their light is free from pulses, i.e. not harmful for human eyes. A second important factor is their low energy consumption. Looking after people's health goes hand-in-hand with energy saving. Furthermore, there is an environmental advantage here too as Marine Terminal senior engineer for environmental protection Liliya Flyaum told us.

– Since LED lamps do not contain any mercury, no Hazard Class 1 toxic wastes will be generated by their use. Therefore, there is less hazardous waste.

AND THE AIR TOO...

Liliya Flyaum noted that the Marine Terminal is particularly specific in that its operation affects all components of the environment, including the sea, soil, ground waters, subsoil and the air too...

– We strictly observe all our license obligations, – she stressed.

– Our employees are well aware of the importance of environmental compliance and our managers make their decisions with due respect for environmental protection and accident prevention.

In 2013, for example, the Marine Terminal's negative impact on the atmosphere was reduced by 70% thanks to the transition to external power sourcing. In due course, the diesel fueled turbine generators were moved into reserve.

...AND WATER

Unlike many other enterprises located along the coastline,

the CPC Marine Terminal does not discharge any wastewater into the sea. After thorough treatment, the effluent is discharged into a 35,000 m³ fire pond. Another water retention pond was built as part of the Expansion Project. It is located within the grounds of the Tank Farm. The pond is so large and pure it is was mistaken by the birds for a natural water reservoir. The birds brought spawn on their legs, and now the pond is populated with fish.

A flock of wild ducks promptly arrived to feed on the fish, and last autumn they even decided against migrating south and spent the winter here with us. »



Liliya Flyaum



Dolphins feel at home in the Marine Terminal waters

– Naturally, the increase in the number of facilities in operation, with the progress of the Expansion Project, causes an increase in water consumption. We exercise a thrifty approach to water resources and manage to stay within the established water consumption limits. Also, we stay within the allowable pollution limits, including air, water and solid wastes, – Liliya proudly remarked. – We see our goal as remaining within these limits despite the expansion and the increase in oil throughput.

LEGAL IMPASSE

Certain legal acts adopted in Russia in 2015 were aimed at reducing the amount of waste generated by enterprises not involved in production.

– The problem is that the changes in the Federal law were not accompanied by specific bylaws to establish relevant mechanisms and procedures. The result is that enterprises now have additional obligations, but have no ways to meet these obligations and

eliminate relevant risks, – Liliya Flyaum explained. – For example, under one of the latest acts in the field of environmental protection, goods producers are obliged to accept their products back for recycling after the end of their service life. In practice this means that if an item has served its purpose, we, under the Federal law, are obliged to send it back to the manufacturer. In other words, we do not have to spend our own money on its disposal and recycling. In my opinion, this is the right approach to bringing the operation of the goods producing enterprises in line with relevant international standards. Unfortunately, the new rules cannot be duly enforced due to the lack of relevant bylaws.

– At the same time, we have long since introduced the practice of dividing wastes with our contractors.

– We take care of our wastes, while our construction contractors are responsible for theirs. This approach has proven to be helpful for reducing the overall amount of wastes generated by the Marine Terminal, – Liliya Flyaum said.

Effluent treatment systems revamped as part of the Expansion Project



SPECTACULAR VIEWS

As we spoke with Liliya Flyaum, we could not help admiring the beautiful vistas here at the end point of the Tengiz-Novorossiysk pipeline route. The Marine Terminal neighbourhood is quite popular among housing developers despite the high cost of land here. Neither the cost of land, nor proximity of oil industry facilities repels local residents. The facilities are safe and the sea is within stone's throw.

– Oil vapours are volatile. And although tanker loading sites are as remote as 6 km away from the waterfront, people in coastal villages can smell oil if there is an onshore wind of 18 m/s or more, – Liliya Flyaum admitted. – Of course, they complain. They make calls, often anonymous, but we investigate all calls. Recently, my colleague, Alexey Kulikov, and I rushed to the coast responding to such a telephone call, but when we arrived we could not smell anything but juniper and field herbs. The criterion is not “odour,” but maximum allowable concentrations (MAC) of pollutants approved by the Federal Service for the Oversight of Consumer Protection and Welfare (Rospotrebnadzor). It is known that the human nose can smell hydrocarbons in concentrations equal to only one-half of the allowable maximum. Only one-half!

THE CONSORTIUM'S IMAGE

Environmental monitoring is regularly performed at the Marine Terminal. Not a single



A prestigious villa community is growing beside the sanitary-protection zone of the Marine Terminal

incident of exceeding the MAC at the boundary of the established sanitary protection zone in respect of any substance has been recorded over the entire period of CPC existence.

– Not even 0.8 MAC has ever been measured, – Liliya Flyaum said. – I would like to draw a distinct line between actual measurements and individual subjective impressions. Unfortunately, the method of stimulating public complaints against environmental violations is sometimes used by our unscrupulous competitors.

There is no shortage of various inspections at the Marine Terminal. During this September alone, inspections are planned by the Federal Service For Supervision In The Sphere Of Transport (Transnadzor), Federal Service for Environment, Technology and Nuclear Oversight (Rostekhnadzor), Federal Supervisory Natural Resources Management Service (Rospirodnadzor), Russian Federal

Fisheries Agency (Rosrybolovstvo), Sanitary and Epidemiological Inspectorate (Sanepidnadzor)... Several regulatory agencies have their regional branches, each of which performs a separate check. For example, we are expecting inspectors from three branches of Rospirodnadzor: Southern Federal District branch, Krasnodar Krai branch and Republic Adygeya branch.

– A very special situation indeed, – Liliya Flyaum noted. – And can you imagine what it takes to prepare for such inspections? To add to the trouble, different territorial authorities may interpret one and the same regulation in different ways. We are ready for that, and we comply wherever we have to. After all, the Marine Terminal is the Consortium's image, the place of its registration and its legal address, and our task is to represent CPC. ■

*by Irina Brichkalevich,
Ekaterina Suvorova*

Birds mistook the Tank Farm's firewater pond for a natural lake

Caring for people

WHEN COVERING THE CONSTRUCTION OF THE MARINE TERMINAL, IT WOULD BE UNFAIR NOT TO MENTION THE FACILITIES, WHICH WERE BUILT FOR THE COMFORT OF THE PEOPLE.

A TIME OF HOUSE-WARMING PARTIES

Apart from its purely industrial facilities, the Tank Farm area now features a beautiful and comfortable building, which is called the Support Base (SB). It makes Lead HSE Engineer Alexander Soloviev really happy that his colleagues have moved into the spacious and comfortable premises of SB.

– This is a what I call a tangible achievement in the field of HSE and industrial safety, – he stressed. – SB now accommodates the shift supervisor and some specialists of the Marine Terminal. The new premises are much more spacious and comfortable, and are equipped with everything necessary for efficient work, including night shifts. There are showers and a laundry... Before SB was built, the Marine Terminal specialists

worked at the Marine Terminal's administrative building (part of the Shore Facility) and they had to use public transport every time they needed to travel to the Tank Farm. Now they are permanently present at the site, which is a huge advantage.

Walking around SB, we called into the local control room where we talked with shift supervisor Mikhail Tarasenko.

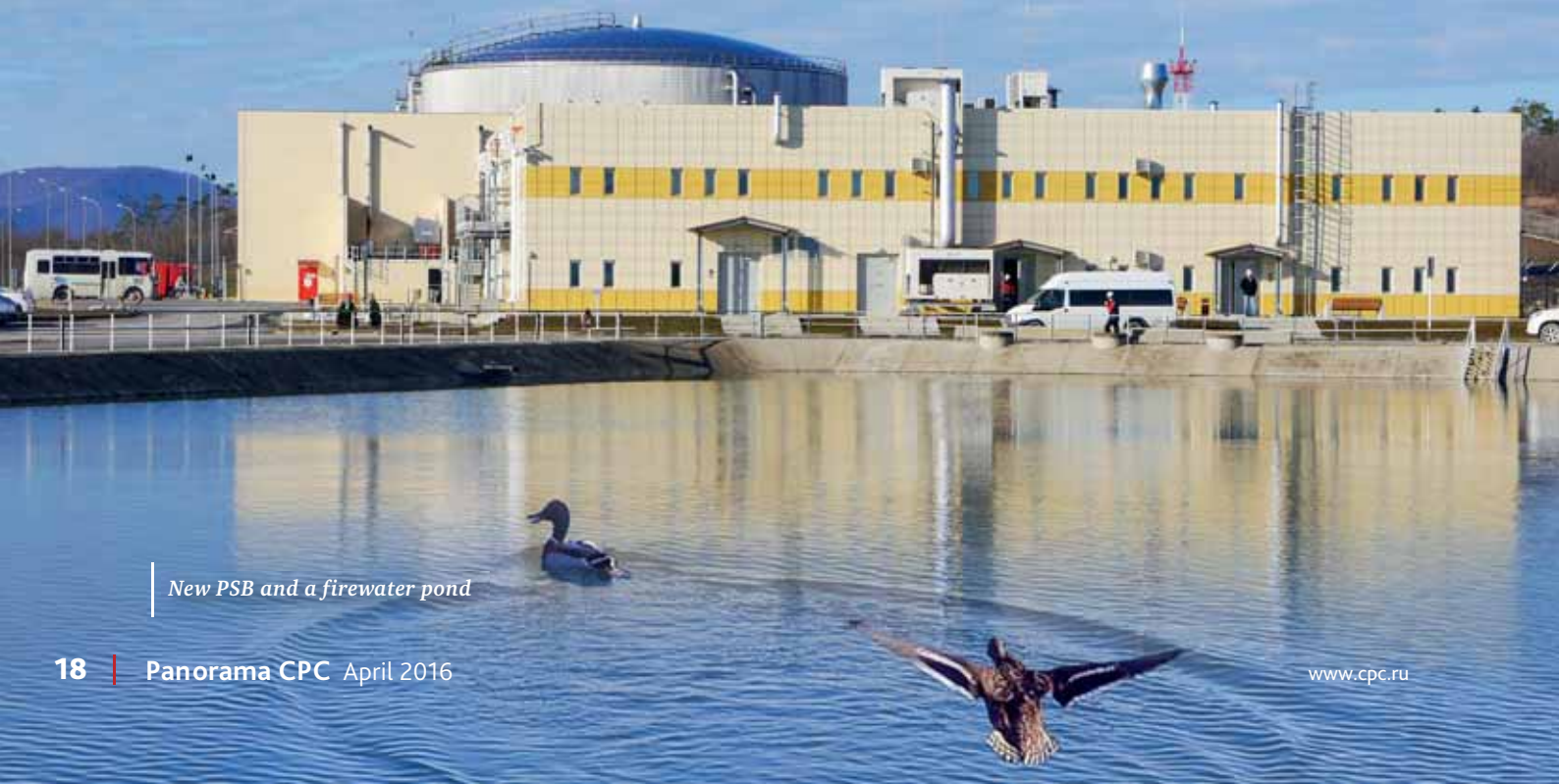
– We moved in here in August 2015, and our impressions are just great, – he said. – Our previous place was only one-fifth the size of this one. Now we have a conformable changing room and a kitchen area. It is much more comfortable to work here and the conditions are excellent. This is very important given how intense our work is. All CPC oil eventually comes to the Marine Terminal, the throughput is constantly increasing and the Tank Farm has



Mikhail Tarasenko: "It is much better to work here and all amenities and comforts are excellent"

expanded from three to seven 100,000 tonne tanks – this is really a something! All equipment is timely serviced, our team is composed of true professionals, which is why the probability of accidents is almost zero.

Mikhail is a professional with 15 years of experience with the Marine Terminal and over 40



New PSB and a firewater pond

years of experience in the oil industry. At the time our visit, Mikhail was in the office, while all 10 members of his shift were busy “in the field” inspecting the facilities, issuing work permits and monitoring subcontractor work.

SB also accommodates contractor personnel for whom various equipment is installed, including machine tools and a welding station. “Now they do not have to go back to their base every time they need to carry out mechanical work,” Alexander Soloviev stressed.

A fire station has been built within the Tank Farm grounds, with excellent conditions for the 24/7 work schedule of the firefighters. There is everything necessary for fire equipment maintenance and there is a heated garage equipped with ID fans.

– The former fire station was not initially equipped with ID fans and we had to make a special request for the fans to be installed, and here, at the new station, everything necessary is already in place, – Alexander remarked.

SB and the new fire station were launched last year, simultaneously with tanks Nos. 4, 6 and 8. During our visit to the Tank Farm (in late February this year) we found out that another important facility, a new equipment and materials warehouse, was to be put into operation soon. When that happens, CPC will no longer have to rent warehouse space. The land, which used to be occupied by the old-fashioned warehouses, now accommodates new 100,000 tonne tanks.

A next step towards the further



Alexander Soloviev

improvement of the working environment and labour conditions will be the launch of a third administrative building within the Marine Terminal grounds. The building, we were told, is currently at the design phase.

WORK AND TRAIN

Labour safety to a large extent depends on the professionalism of those who are in charge of it.

– The OLIMPOKS training and certification programs, which are similar to those used by the Federal Service for Environment, Technology and Nuclear Oversight (Rostekhnadzor), has proven to be very useful for training CPC HSE engineers, – Alexander Soloviev remarked. The program includes databases of relevant regulatory documents and standards, and is regularly updated and maintained in line with changes in the relevant laws and regulations. Questions for tests are also updated accordingly.

It is important that knowledge and training checks are performed directly at workplaces without the interruption of work.

THE MICROCLIMATE IS IMPORTANT

– The Marine Terminal routinely monitors the workplaces, – senior HSE Engineer Alexey Kulikov told Panorama. In the last year, we carried out a comprehensive appraisal of labour conditions at all 173 workplaces. As a result, 165 workplaces were classified as either optimal or satisfactory, i.e. not harmful and safe. As you may guess, the remaining 8 workplaces are those of our controllers. Their work is dangerous by definition due to its extremely high intensity. A controller has to process a large number of signals every minute. This is part of the job and nothing can be done about that.



Alexey Kulikov

In addition to other checks, the program of annual monitoring includes microclimate inspection, – Alexey said.

Every time a noncompliance is discovered in respect of any standards set for workplace lighting, equipment or microclimate, we develop and implement appropriate corrective actions. ■

by Irina Brichkalevich,
Ekaterina Suvorova

A huge construction project running on time

IN MID-MARCH, CPC GENERAL DIRECTOR NIKOLAY BRUNICH MADE AN INSPECTION TOUR OF THE EXPANSION PROJECT'S CONSTRUCTION SITES – PS-5 AND PS-2 IN THE STAVROPOL KRAI AND THE REPUBLIC OF KALMYKIA.

Nikolay Brunich heard optimistic reports from the builders who told him that construction and installation work at PS-5 was 93 % complete. In April-May, the construction contractors are planning large scale cleanup and landscaping work, and then they will proceed to Pre-Start Safety Reviews (PSSRs), including the readiness of both the equipment and the staff. After all the work is completed and the required approval received, the team will proceed with filling the pump station with oil, which is scheduled for early September 2016. Finally, following successful testing, the station will be put into operation.

PS-5 is the second Expansion Project facility in the Stavropol Krai. The first one was PS-4, which went online in late 2015.

After having visited PS-5, Nikolay Brunich toured PS-2.



On PS-5

PS-2 is a third pump station in the Republic of Kalmykia. Earlier Expansion Project's efforts in the republic included upgrading PS Komsomolskaya and putting PS-3 into operation in late 2015.

At a debriefing called after the walkdown inspection of PS-2, representatives of the management company, contractors and subcontractors pointed out that work had been intensified at PS-2 in order to ensure its timely commissioning.

Over 70 % of the construction and installation work had

been completed as of mid-March. In early November 2016, the contractors expect to turn the station over for testing.

Having ordered to expeditiously increase the number of workers at the facility in order to meet schedule, Nikolay Brunich asked work supervisors to pay special attention to the strict observance of safety during all the construction work.

In the meantime, local residents are impatiently awaiting the launch of CPC pump stations. After all, new facilities mean more jobs. CPC is also widely renowned for its social responsibility. CPC regularly provides support and assistance to the health care, education and cultural centres and runs various charity programs targeting the most vulnerable strata. ■

by Irina Brichkalevich,
Pavel Kretov



On PS-2

The Magnificent “Four”

PS-4 WAS PUT INTO OPERATION IN THE IPATOVO DISTRICT OF THE STAVROPOL KRAI ON DECEMBER 23, 2015. THE NEW STATION WILL RECEIVE OIL FROM PS “KOMSOMOLSKAYA”, AND INCREASE THE PRESSURE TO SUPPORT THE FURTHER FLOW OF OIL TO PS “KROPOTKINSKAYA”.

“Come here, to our homeland of Stavropol, to our lovely Ipatovo district”, – we heard the local Cossacks passionately singing. People here are always glad to welcome guests, especially guests from CPC. And the occasion for the visit of CPC managers was particularly pleasant – the “birth” of PS-4. The ceremonial launch was attended by a delegation led by CPC General Director Nikolay Brunich while First Deputy Head of the Stavropol territorial administration Ivan Kovalev and the local Minister of Energy and Industry Vitaly Khotsenko represented the local authorities.

Built as part of the Expansion Project’s Phase II, PS-4 is located at KP 1031 km of the Tengiz-Novorossiysk pipeline. The construction of PS-4 was started in June 2012. By August 2014, the construction and installation work was completed and the



A symbolic PS launch buttons were pressed by Nikolay Brunich CPC General Director, Victor Abmaev, CPC General Manager, Field Operations, First Deputy Head of the Stavropol territorial administration Ivan Kovalev, head of the Ipatovo district administration Sergey Savchenko, Deputy General Director of LLC Stroinovatsiya Alexey Yegorov and Deputy General Director of LLC Kontakt-S Dmitry Odintsov

commissioning phase began. System tests were successfully carried out in December 2015.

– I would like to express our gratitude to our general contractor LLC Stroinovatsiya, subcontractor LLC Kontakt-S, management company OJSC Chernomortransneft, and the CPC Expansion Project team for completing the effort on time, to a high standard, and within budget, – Nikolay Brunich said. He also thanked the Stavropol territorial administration and Governor Vladimir Vladimirov personally for their support for the construction of the CPC facilities.

Presenting a symbolic key to the station to PS-4 head Oleg Gavrilov, Nikolay Brunich noted that not a single »



CPC General Director Nikolay Brunich presents a symbolic key to the station to PS-4 Manager Oleg Gavrilov



A walkdown inspection of the new station's main facilities

accident or safety violation had occurred during the station's construction, and said he was absolutely certain that the station's operations team would keep up the tradition.

Similar conclusions and hopes were expressed by CPC General Manager of Field Operations Victor Abmaev.

– PS-4 is a reliable, high-tech station, which can be operated in both automated mode and by the specialists present at the facility, – he stressed.

A symbolic PS launch buttons were pressed by CPC General Director Nikolay Brunich, CPC General Manager of Field Operations Victor Abmaev, First Deputy Head of the Stavropol territorial administration Ivan Kovalev, head of the Ipatovo district administration Sergey Savchenko, Deputy General Director of LLC Stroinovatsiya Alexey Yegorov and Deputy General Director of LLC Kontakt-S Dmitry Odintsov.

PS-4 is CPC's first pump station launched in the Stavropol territory as part of the Expansion Project. PS-5 is scheduled to be completed in the territory in 2016

Being an intermediate pumping station, PS-4 is not equipped with storage tanks, but has pipeline cleaning and diagnostic tools. PS-4 includes the mainline pump house, strainers, a surge relief system, an operator's

room, a firewater pump house, an administration building and water treatment facilities.

Though famous mostly for its rich farms, Stavropol territory is actively developing its



Timed to coincide with the ceremonial launch of PS-4 was another notable event—the handover of two school buses as a CPC gift to the Ipatovo district.



First Deputy Head of the Stavropol territorial administration Ivan Kovalev presenting awards to specialists who distinguished themselves during the PS-4 construction effort

industrial sector too, which currently accounts for a notable proportion of the territory's output.

– We are very glad that one more high-tech facility has

appeared in the territory, – First Deputy Head of the Stavropol territorial administration Ivan Kovalev remarked. PS-4 currently employs around 120 people, nearly 80% of them local.

In addition to providing jobs for the locals, CPC facilities are bringing regular tax proceeds to the local coffers and creating new opportunities for the development of social and community programs. In the Stavropol territory alone, CPC has allocated around RUB 400 mln for social and community programs in recent several years.

Timed to coincide with the ceremonial launch of PS-4 was another notable event – the handover of two school buses, a CPC gift to the Ipatovo district. Eleven such buses worth a total of over RUB 25 mln will appear in the territory's other districts – Apanasenkovsky, Turkmenky and Trunovsky.

PS-4 is CPC's first pump station launched in the Stavropol territory as part of the Expansion Project. PS-5 is scheduled to be completed in the territory in 2016. ■

by Pavel Kretov



A commemorative picture of PS-4 launch ceremony

To the people of Stavropol

THE CASPIAN PIPELINE CONSORTIUM PRESENTED 13 SCHOOL BUSES TO EDUCATIONAL INSTITUTIONS OF THE STAVROPOL KRAI, AND OPENED A NEW OUTPATIENT CLINIC IN THE VILLAGE OF PTICHYE IN THE IZOBILNENSKY DISTRICT.

Nikolay Brunich, CPC General Director, Vladimir Vladimirov, Stavropol krai Governor and Leonid Bokhanovsky, CPC-R Deputy General Director, RF Government Relations, took part in the official ceremonies on January 21, along with the district heads and representatives of the Stavropol krai Government and local Duma.

11 buses were sent to educational institutions in the Turkmensky, Trunovsky and Apanasenkovsky districts. The other two were presented to the Ipatovsky district at the end of last year. Modern vehicles, at a total cost of about RUB 26 mln, fully equipped for the comfortable and safe transportation of children, were purchased by the CPC at the request of the krai government.



Vladimir Vladimirov, Nikolay Brunich and other officials are heading to the place of the bus handover ceremony

A local outpatient clinic in the village of Ptichye was also built and fully equipped with funds provided by the Consortium replacing the old health facility which had been in critical condition. The new clinic can take up to 100 patients per shift and has 40 medical rooms, including

its own lab. It will be able to provide services not only to the villagers, but to people from neighbouring communities as well. The total cost of the project amounted to almost RUB 78 mln.

The honour of by cutting the ribbon at the opening ceremony



Bus handover in Stavropol



Head of laboratory Olga Martiyanova is about to try out a new microscope

was delegated to two local women by the territorial and company authorities.

One of the women told the CPC Press Service that she kept a piece of the ribbon which would become a family heirloom. Governor Vladimir

Vladimirov noted that CPC has been paying a lot of attention to the region's social conditions ever since the beginning of its operations in the Stavropol territory.

– I am convinced that the relationship between business

and local authorities is a two-way street, – he said. Business finds ways to accommodate the requests of the authorities, because it can see its investments going for the intended purpose.

Nikolay Brunich stated that, despite the external difficulties, the company has no intention of changing its plans and the social program budgeted for 2016 is going to be implemented in full.

Just before the clinic opening ceremony, Nikolay Brunich and First Deputy Chair of the Stavropol krai Government Ivan Kovalev visited PS-5, the pumping station near the village of Ptichye that is being constructed as part of the CPC pipeline throughput capacity Expansion project. The production facility was 90% ready at the time, with plans to begin operation this autumn. The station tests are scheduled for August. ■

by Ekaterina Krapivko



Nikolay Brunich at the new outpatient clinic opening ceremony



A local folk group welcomes the official visitors and the people of the Ptichye village

Everything is under control

THE WESTERN REGION'S LEAD OIL METERING ENGINEER, VICTOR DUNAYEV, IS ONE OF KRASNODAR OFFICE'S MOST RESPECTED SPECIALISTS. HE HAS BEEN WITH CPC FOR MORE THAN 15 YEARS.

Our CPC Panorama correspondent was lucky to find Victor Dunayev at his desk. He had just returned from the “Kropotkinskaya” pump station. The test lab at “Kropotkinskaya”, a key pump station in the Western region, had just successfully passed a regular certification, which confirmed that oil quality control was at a high level, as always. CPC has everything necessary for that, including modern equipment and highly skilled specialists.

Victor Dunayev started his career as an oil pipeliner back in 1972, after graduating from the Grozny Oil Institute. First, he worked with the Northwestern

recalls. “It was not an easy period of time as I was checking the project’s compliance with the applicable standards and regulations, but it was an interesting time. I did a lot of travelling to various sites in Tengiz, Atyrau, Astrakhan and Novorossiysk.

By the way, the pipeline was already in operation at the time. In the 1990s, CPC operated the pipeline’s first segment – Tengiz-Guryev-Astrakhan-Grozny – which was constructed during the Soviet era. The pipeline transported the oil from the Tengiz field to Atyrau, from



Thanks to his prior working experience with OJSC Chernomortransneft, which, as an oil exporting company, was furnished with the newest equipment, Victor Dunayev was well familiar with the metering stations assembled for the CPC pipeline. Such devices as densitometers and viscometers had already been in use in Russia at that time.

“Our work is critical for the commercial success of the whole company”

Pipelines Directorate and then moved to the North Caucasian Pipeline Directorate. In 1996, he headed the metrology service of the OJSC Chernomortransneft’s Unified Pipeline Directorate for the Caspian and Caucasus Regions. The experience he accumulated back then was useful for organising a metrology service for the Caspian Pipeline Consortium, where he came in 1999, at the time when the pipeline connecting the Caspian and Black Seas was still under the construction.

“For three years I worked in the Moscow office,” Victor Dunayev

where it was transported through the pipeline systems of KazTransOil and Transneft along a roundabout route via Orenburg, Samara and Tikhoretsk, to Novorossiysk. Metering stations were also already functioning at that time, of course.

“While the Tengiz-Novorossiysk pipeline was being built, equipment for its metering stations was supplied from Houston in parts, and had to be completely assembled, adjusted and launched at the site,” Victor Dunayev recalls. The work was performed by both Russian and American contractors.

After the completion of the pipeline, Dunayev was appointed the Western Region’s lead oil metering engineer in the CPC Krasnodar office. His team currently includes a lead logistics specialist and an engineer-metrologist. The team is in charge of monitoring the performance of all measurement equipment in the Western Region, including pressure and temperature detectors, flowmeters, level meters, etc.

“Our work is critical for the commercial success of the whole company,” Victor Dunayev notes completing his story. “Our team is strong and well-knit, they will not let you down.” ■

By Pavel Kretov

By the roads of CPC

PEOPLE WHO STOOD AT THE COMPANY'S FOUNDING AND TOOK PART IN ITS DEVELOPMENT ALWAYS HAVE A PARTICULAR AUTHORITY WITH ANY TEAM.

The driver, Sergey Zaitsev, has been wheeling the CPC route since 1998. He started with the surveyors from the design institute. Then there were American specialists who monitored the quality of pipeline facility construction, and after that CPC employees on their charity missions. He has changed cars four times over the years, and visited all the pipeline sections from Astrakhan to Novorossiysk.

– Which places are the most beautiful? There are many – the Caucasus, Kuban..., – says Sergey.
– It all depends on the season. For example, there's nothing more beautiful than Kalmykia in spring: the desert turns into flowery meadows, tulips are in bloom.



– We help each other. Now we mostly drive to PS-6, PS-7, PS-8 and PS-4. The roads are very good, especially in the Krasnodar Territory, – says Sergey.

came later, when he was already at CPC. According to Sergey, a good driver should always be trying to improve himself, he has to know a lot and be able to do a lot, including constant monitoring the road conditions, and he needs to have excellent orientation skills.

Observance of safety measures at every turn is of the utmost importance at the Caspian Pipeline Consortium. The responsibility of CPC drivers is both to drive, and to make sure all passengers observe the travel rules and always follow the instruction: “Fasten your seat belts, please!” ■

By Pavel Kreto

BY THE WAY

The word “driver” is translated from French as “coal heaver”. That is because in the 18th century the first drivers were riding steam-driven wagons designed by Nicolas-Joseph Cugnot, a French engineer. A wagon would be equipped with a large steam boiler that had to be stoked. The driver would both drive the wagon and feed the boiler with coal at the same time. In the 1880s Gottlieb Daimler and Carl Benz invented the first petrol internal combustion engine and installed it on a new vehicle called the “automobile”. Russia saw its first automobile and the birth of profession of driver in 1895.

There are 10 drivers in the Krasnodar team. Their workload has increased significantly with the start of the Expansion Project.

He considers driving to be a man's job, and says it is his vocation. He got his Class B and Class C license while in the army; the Class D license

A typical landscape along the CPC pipeline route: rapeseed fields in the Stavropol territory

The lady of the house

THEY SAY BEING A GOOD PERSON IS NOT A JOB. BUT THE EXCELLENT PERSONAL QUALITIES OF THIS LADY ARE AN INTEGRAL PART OF HER JOB.

WITH A POSITIVE ATTITUDE

Elena Krayeva is a maid at the Moscow office of the Consortium. Even though she has a hundred and one things to do, it's impossible to find her in a bad mood. A friendly smile and sincere concern are the things Elena is most known for, and her positive mood is contagious.

– What does it matter what mood I'm in, or how I'm feeling? What do other people have to do with it? It doesn't take much effort to smile and say hello, – Elena thinks.

She came to CPC 10 years ago, when the Moscow office took two floors at the Radisson Slavyanskaya Hotel and Business Centre. At that time a diligent and responsible hotel maid was “attached” to the pipeline company team. Elena fitted in so well that when in September 2005 the Consortium moved to the “Legion” business centre, she received an official offer of employment.



Clean the rooms, do the dishes, tidy the shared fridge in the kitchen, make sure there's always a full range of our favourite teas next to the dispensers and that

THE VOCATION OF SERVING

Taking care of people is Elena's vocation and philosophy of life. She has been in the service industry for 14 years, and she was led there by life circumstances.

Taking care of people is Elena's vocation and philosophy of life

– I know the people here very well, especially those who have been with the company for a while. They work so hard, so I try to do what I can to bring comfort and cosiness to the office, – says Elena.

we never run out of sugar. Elena orders all the tea-time necessities every week, and she keeps a small supply at the warehouse so that we never notice any non-scheduled delays in delivery.

– I quit my accounting job when my sons were little, and went to work at the kindergarten to be near them. I had been a child-minder for 12 years. When my boys got older, they went to the local school. After classes they would come to me and do their

homework, always there by my side, – she remembers.

In the turbulent 1990s a great misfortune came to her house – her husband went to work in the morning and, dying suddenly, never came home. Elena was left alone with two boys at the difficult ages of 12 and 14. The money situation was critical; Elena took any extra work she could find to be able to raise her children, until one day a friend helped her find the hotel job. It gave her a reliable salary and time to bring her sons up.

Then it was time for her sons' army service, and for a mother those four years were filled with emotions and concerns: Elena visited the army units regularly and brought treats to ease homesickness for her sons and their fellow soldiers. She simply had to take care of them, it was in her nature.

Today Elena is taking care of her elderly father and is a loving granny for her two grandchildren. She finds simple happiness in this eternal circle of labour: the joy of

being needed, knowing there's nothing worse than having no one waiting for you at home.

– Every day I come to work, and it feels like family, – Elena confesses.

FOR THE SOUL

What else do we know about this shy woman? She is no computer fan and only uses one to find information on the internet, for example, about the cultural events of the city. She just loves theatre.

– You have never been to the “Moon Theatre” in Malaya Ordynka? But you can see Sergey Prokhanov there! And the Maly Theatre in Bolshaya Ordynka is a real classic in the best theatre tradition! I like the Elena Kamburova Theatre of Music and Poetry ... There are so many art places in Moscow, you should not miss the opportunity! – says Elena.

And it's difficult to object. Any living art is a great source of spirit, which every person needs. ■

by Ekaterina Suvorova

Kirill Bidinsky,
Deputy Administrative
Manager,
Moscow Office:



– Our colleague Elena Krayeva has the ability to get on with people. It is amazing how she is able to keep her spirits up and find the upsides of her job. Her genuine wish to make the office life a little brighter and the office space a little more homelike wins hearts. She doesn't just take her official duties formally but puts her heart into it, and she's always willing to help with domestic issues. Elena is always looking for ways to decorate her areas of responsibility with flower bouquets or ornamental designs, which puts everyone in the cheerful mood. Elena is in constant contact with the staff, monitoring their wishes and opinions about everyday common issues. That is why an important part of her job is getting along with people, even in sometimes difficult or unpleasant situations. We have a large team, we are all different, but we have to work together and keep up standards. Being an administrative department employee, Elena also ensures the observance of those standards and office rules, and that makes her a fully fledged member of the team.

Irina Brichkalevich,
CPC Press Service:



– I am new to CPC. On my first working day in the Moscow office the colleagues took me on a tour of our floor and said: “Make yourself at home, here's the kitchen, and here you can always have a cup of tea!” Work at the Press Service is creative, it's a little like an editors office. A hot cup of tea – green, black, currant, mint, camomile, to fit any taste – gives inspiration for text writing, cheers you up and helps relax during a short break.” When staff members come for a cup of tea, the local host Elena Krayeva surrounds them with care and attention. The areas of her responsibility are spotless. This kind woman lifts your spirits and makes office feel like home.

At the bottom of an ancient sea

CPC-K HELPED THE ATYRAU NATURAL HISTORY MUSEUM WITH PURCHASING NEW EXHIBITION EQUIPMENT. IT GAVE THE SCIENTISTS THE CHANCE TO SHOW WORKS FROM THEIR RESERVES, INCLUDING MANY THAT HAD NEVER BEEN DISPLAYED BEFORE.

Thanks to CPC sponsorship, refurbishment of the premises and reconstruction of the display has been undertaken in the whole museum. The exhibition now follows a clear logical chain. It is titled, "Welcome to the Cretaceous sea shore!" The visitor can move from stand to stand, following the stages of the emergence and development of life on our planet.

A UNIQUE MUSEUM

– Our Natural History Museum is the only one in Kazakhstan

true passion, I've read masses of books, and have taken part in numerous expeditions, – explains Alexander. Yury Pastukhov, a brilliant local historian and paleontologist, has been supervising such expeditions in the Atyrau region for over 20 years. He and his students together have collected some unique material from the distant past of our planet.

Hundreds of exhibits represent the ancient animals that used to inhabit the territory of

Where today is the hot, endless Kazakh steppe, millions of years ago there were the splashing waves of a huge sea, stretching from Moscow to Western Siberia

dedicated to Cretaceous marine fauna, – said Alexander Kapyonkin, opening the tour for a group of CPC employees.

Our guide looks like a typical high-school student. But the more we listen to him, the more we are convinced that we're talking to an accomplished scientist, one who is very enthusiastic about his field of expertise. Alexander is the president of the "Millenium" eco-tourist club. Next year he is going to enter medical school.

– I learned to talk and became interested in paleontology at around the same time. It's my

Western Kazakhstan. Bones of mammoths, woolly rhinoceri, proto-aurochs and deer...

AND THERE WAS OIL

But the greatest number of relics come from marine animals. Where today is the hot, endless Kazakh steppe, millions of years ago there were the splashing waves of a huge sea, stretching from Moscow to Western Siberia. Incidentally, scientists think that Kazakhstan owes its oil to that particular prehistoric water mass. Tens of millions of years turned the remains of its sea-weed, fish and shellfish into black gold.



Alexander Kapyonkin



Museum exhibits



The unique chalk plateaux of the Caspian Sea region, and especially the Aktologay plateau, are still of great interest to world science. Many exhibits are so unique that they defy precise scientific definition and require more extensive research. Some items date as far back as 150 million years.

– Here is the biggest porbeagle (mackerel shark) tooth ever found in Mangyshlak, – Alexander continues, and he's proud that he was the one who found it.

GREETINGS FROM THE PALEOZOIC

The neighboring stand displays the bones of a megalodon, a distant relative of the great white shark. The predator's jaws are big enough to gobble down a bus.

– Sharks appeared about 300 mln years ago during the Paleozoic period, but they didn't become the real threatening predators they are today until 40-30 mln years ago, during their golden age, – Alexander Kapyonkin says. – Megalodons lasted till the appearance of the

first humans, who could have easily been their prey.

One interesting fact is that the sharks' closest relatives are actually rays (skates). They are also predatory cartilaginous fish that took to bottom-dwelling and developed their flat shape back in the Jurassic period.

In Alexander's opinion, the plesiosaurus was the most interesting of all the animals that inhabited the ancient sea.

– If Nessy (the Loch Ness Monster) really existed, which I personally doubt very much, it would definitely have to be a plesiosaurus, – Alexander states.

They were fully equipped for life in water, despite the fact they had to come to the surface from time to time for air. They had four limbs shaped as flappers and a barrel-shaped body. Some had long necks and small heads, others had short necks and huge heads. They inhabited salt waters, like seas and oceans. Plesiosaurus bones have been found on every continent, including the Antarctic. ■

by Pavel Kretov



A fascinating excursion



Plesiosaurus, the one and only

The pipeline laid beneath the Ladoga Lake

Borisova Griva
railroad station

IN THE PREVIOUS ISSUE OF "CPC PANORAMA" WE WROTE ABOUT THE UNIQUE SUBSEA PIPELINE SUPPLYING FUEL TO THE ALLIED FORCES AFTER THEIR LANDING IN NORMANDY DURING THE SECOND WORLD WAR. A SIMILAR SUBWATER ARTERY WAS CONSTRUCTED AT ROUGHLY THE SAME TIME IN THE SOVIET UNION TO SUPPLY FUEL TO THE BLOCKADED CITY OF LENINGRAD.

Fuel terminal
(Karedzhi Cape)

Surprisingly, the proposal to lay the strategic fuel pipeline to besieged Leningrad originally came from civilian specialists, not the military. The first reaction of the Soviet Army commanders when they heard it was a sceptical one, and they couldn't resist irony: "A pipeline? Along the bed of Lake Ladoga? Why don't you

Commissariat of Defense, where it was received in all seriousness.

In order to continue supporting active military action by troops of the Leningrad Front and Baltic Fleet vessels, the logistics service requested to create a fuel reserve of around 70,000 t. But the Red Army Fuel Provision Directorate could not guarantee even half

On April 25, 1942 the State Defense Committee issued a resolution to begin construction of the pipeline. The time frame could not be even called "aggressive," because it was truly fantastic – only 50 days!

Among the work to be done, it was necessary to survey the route, develop engineering documentation and procurement plans for equipment, construction materials, pipes, etc., taking into account the specifics of wartime. 101 mm dia steel pipes were delivered

The Siege of Leningrad, which continued for almost 900 days, set a record as the longest and most severe siege of a city in the entire history of mankind. About one million people died of hunger and bombing during the siege. With major enemy forces mobilized to maintain the siege, the Soviet Army was able to win victories on several other sections of the Russian-German frontline. The defense of Leningrad passed into history as a symbol of the courage and heroism of the Soviet people

propose building a bridge over the heads of the Germans?" Nevertheless, in March 1942, the proposal developed by specialists from Glavneftesnab (the Main Directorate for Oil Products Supplies) was submitted for review to the USSR People's

that amount since there were insufficient barges, tank cars, metal tanks and pumps. In such conditions the construction of a pipeline along the bed of Lake Ladoga turned out to be, in fact, the only solution to the problem.



Pipeline submersion

from the Izhora Plant, and the procurement of pumps and fuel tanks was organized by the Leningrad Oblneftesbyt (Regional Directorate for Oil Product Supplies).

The construction, for which up to 500 servicemen, 25 trucks, six tractors and two boats were mobilized, started on May 26, 1942. An important role was played by the Baltic Fleet Special Purpose Underwater Operations Divisions (EPRON). Divers and marines worked hand-in-hand mapping the topography of the lake bed and doing dredging work where necessary.

Pipes were assembled and welded together outdoors, in the nearby forest, only after dark, of course. On the western coast of Lake Ladoga, pipes were first assembled in 200 m long sections and then in stalks up to 1.2 km. During towing into the lake, the stalk ends were placed on pontoon rafts. The buoyancy of the pipeline was maintained with the help of a chain of wooden logs fastened together. The submergence of the pipeline involved the following procedure: after a stalk had been welded together, the pontoon was removed from beneath it and the ropes connecting the logs with the pipeline were cut one after one.

A 102 mm dia fuel pipeline nearly 30 km long was laid along the bed of the lake in depths reaching 35 m in places. Two pump stations (a main one and a backup) were installed on the lake's eastern coast, and a tank farm and a loading rack erected on the lake's western coast.

The front line was just two kilometres away. But neither bombing and shelling by the enemy, nor stormy weather



The construction of the pipeline along the bed of Lake Ladoga was performed at a distance of only two km from the frontline.

could hold up the project. People worked with enormous dedication, sparing no effort, day and night. The project was completed on June 16, 1942, one week before the scheduled date set by the State Defense Committee. The government commission noted the highest standards of work: only one minor defect was found in the inspection of nearly 6,000 welded joints.

A Pipeline Operations Directorate subordinate to the Leningrad Front Procurement Department was established to manage the pipeline's operation. Throughput capacity of the 100 mm dia Ladoga Pipeline was

up to 400 t per day. During the whole period the «artery of life» (that was how the pipeline was informally called) was operated, it delivered about 400,000 tonnes of fuel to the besieged city.

The "Artery of Life" operated until early 1943, when the Red Army broke the enemy siege, cleared an eight km wide corridor, and railway connections with the city were restored. According to military historians, the pipeline played an important role in thwarting Hitler's plans to eliminate the Russian Northern Capital - Leningrad. ■

Interview by Pavel Kretov

From the German Navy Directive No. 1601 of September 22, 1941: "The Future of Petersburg:"

"The Fuhrer has made the decision to wipe the city of Leningrad from the face of the earth. After the defeat of Soviet Russia, there will be no need for the further existence of this colossal population center...

The plan is for the city to be tightly cordoned and then razed to the ground by shelling with all kinds of artillery and permanent aircraft bombing. If in that situation any surrender petitions are announced, they will be declined because we can't and won't resolve problems related to the maintenance of the city's population and its food provision. In this war, which is being waged for the right of survival, we are not interested in preserving even a part of the population."

Following the ancient customs

THE CPC MULTINATIONAL TEAM INCLUDES AISHAT TEKEYEVA, A REPRESENTATIVE OF ONE OF THE CAUCASIAN ETHNIC MINORITIES.

A KARACHAI WOMAN

This friendly hard-working girl wins people's hearts, and her oriental beauty seems mysterious at times ... I met her at the Moscow office Regulatory Affairs Group. She is the team's youngest member, and she works so hard that colleagues started teasing her: "There will be no bachelors left by the time the Expansion Project is over!" Aishat put it off with a jest: "There will be for me, I'm a Karachai!"

In Karachai families, daughters are married by seniority, meaning that a younger daughter cannot start a family before her elder sister. Aishat is the youngest of three daughters, and her middle sister was still single at the time of our meeting. In the meantime Aishat, being an example of wisdom and common sense, dedicated all her time to work, often without holidays or weekends.

Then the time came when she could show pictures of her middle sister's wedding. Months passed

by, but nothing changed: the Expansion Project changed Aishat's family plans. Business trips connected with land allocation and agreements with land users were extremely time-consuming, there was no time for personal affairs. The girl's parents from Kislovodsk were tactful and didn't push her.

FAMILY VALUES

Aishat descends from a family of doctors, her grandfather being the founder of the medical line. He was a renowned doctor and a well respected man.

– My grandfather went to the front to fight the fascists when he was 17, and he told us a lot about the war. He spent the rest of his life fighting for people's health, – tells Aishat.

– The Karachai people stress the particular importance of education and knowledge. My father is a lieutenant-colonel of Veterinary Service, my mother is a GP, my eldest sister is an endocrinologist, my middle sister is a rheumatologist, and my brother and I went into law.

In the 21st century Aishat's compatriots make great efforts to preserve their traditions of creating new families, when parents choose life partners for their children.

– The thing is that there are only about three hundred thousand Karachai people left in the world. That makes us all responsible for preserving



our culture and the Karachai nationality itself. That is why international marriages are so rare with us, and the formation of new families is supervised by the older generation, – Aishat explains. The national traditions of the Karachai are in no way an obstacle for integration into modern social life. In our experience, by consciously following the traditions, one can find support that modern people often lack.

UNDER THE SUPERVISION OF THE OLDER GENERATION

Aishat eagerly agreed to share some information on the Karachai family-forming traditions with the readers of our corporate magazine:

– The parents' role in choosing a life partner is very important. We believe that parents must raise, educate and marry their children, because a person only becomes truly independent when they have a family of their own.

A potential match is closely examined by the girl's relatives in every aspect, from his looks to the family he belongs to. Marriages within one family or between descendants from a common ancestor are forbidden. The approval of the future bride or groom by the parents is of vital importance for a happy marriage. The feelings and preferences of young people are taken into consideration, of course, as they are the ones who will have to share their lives together.

The “roses and chocolates” stage does not begin until the young man gets the girl's relatives' permission to meet her with the

view of starting a new family.

There are some particular rules to be observed by every Karachai girl when dating her future husband. They should never be alone together, but must always be chaperoned by friends or relatives, preferably in a public place. The young man may not even touch the girl's hand, and this is even reflected in the national dances where partners never touch.

After getting the bride's consent the groom's family send representatives, who bring gifts and discuss the wedding issues. This is our equivalent of an engagement.

A Karachai wedding is quite a performance! At the appointed time the groom's magnificent procession arrives at the bride's house. The cars are decorated with carpets, and the most expensive and beautiful one is on the car for the bride. Before there were cars, carpets used to be put on the backs of horses. All



friends and relatives in the groom's cortege receive a carpet as a gift.

After a short feast the guests hear that the bride is ready. She awaits her groom in the company of her sisters and girlfriends, who demand a ransom for the bride.”

After the traditional “bargaining” the girl is taken to the groom's house. She must be accompanied by her brothers and one woman. On the way the couple attends a mosque to conduct an Islamic wedding ceremony – nikyah – which is obligatory for the Karachai. According to traditions, only men can serve as witnesses at a Muslim wedding ceremony. Once at the groom's house, the bride stays in a separate room with her brothers. »





At a Karachai wedding the groom doesn't see his bride and they do not sit together at the same table. The groom should always be in the company of his friends and brothers.

On the second day the bride's family visit the groom's house and bring a dowry and gifts. That is when a special ceremony takes place – the displaying of the bride, literally translated as “the wrap removal”.

When the girl comes out to the guests, she is covered with seven large wraps: four on her head, one around her waist and one on each hand. Before the bride is revealed, each party makes speeches expressing their best wishes for the newly weds. This ceremony is fundamental, because only after this is the bride accepted at the groom's house and they are considered officially married.

But the wedding events aren't over yet, they continue with the “groom displaying” ceremony, when he and his friends and brothers are invited to visit the bride's parents, so that a new son-in-law can express his

respect to the bride's parents and older relatives; that is the start of his relationships with the in-laws. With all the traditional observations, a typical Karachai wedding lasts for 3–5 days.

THE QUESTION OF UPBRINGING

In her new family the daughter-in-law should follow some rules: to get up when relatives enter the room, not to sit down in the presence of older relatives, not to talk too loudly ...

– That is the relationship culture introduced from early childhood, – Aishat thinks.
– The younger should respect the older and pay attention to their opinions. Without respect, families and community foundations will be ruined. The Karachai follow

a patriarchal way of living, but as I have already said, our women have always been respected by our men.

A Russian proverb fits perfectly here: “The man is the head, but the woman is the neck”. For us a man is responsible for his family's relations with the outer world, and a woman is a family guardian, she makes “the weather” in the house. My mother is my role model. She keeps telling me and my sisters: ‘A wife is the picture of her husband's best qualities, a man with a good wife can achieve respect and prosperity’, – says Aishat to complete her story.

P.S. We are pleased to say not long ago our colleague started a family of her own. We wish you all the happiness, Aishat! ■

by Ekaterina Suvorova



With love for the land

LYUDMILA SHATALOVA, DEPUTY CHIEF ACCOUNTANT OF CJSC CPC-R, SIMPLY LOVES FLOWERS. "IS THERE A WOMAN WHO DOESN'T?", – YOU MAY ASK. BUT LYUDMILA'S LOVE FOR FLOWERS IS OF A SPECIAL KIND.

She likes to watch first sprouts bursting forth, buds swelling on green stems, the mystery of a flower's flawless beauty being brought to life.... Lyudmila got a chance to experience all that after getting a dacha with her husband Alexander. The head of the family built the dacha himself, then came the time to plant the garden. Lyudmila took to gardening with great excitement, cultivating various flowers and ornamental shrubs. The earth generously repaid her efforts, turning a typical plot into a lovely blossoming oasis.

Flowers here grow in the ground, and also climb the front porch stairs, grow from wooden

stumps and colour splashes out from ceramic bowls and vases. Beautiful flower compositions decorate the walls and the fence.

– My husband implements my every landscape design fantasy, – says Lyudmila. – I only need to share the idea of a new flower bed or rockwork, and very soon, as if by magic, it is done. Alexander has got a magic touch, even our compost pile was turned into a decoration, fertilisers mellow in a box shaped like an old treasure chest.

The dacha is the favourite place to relax for the whole family. It is no place for idleness, though – they are constantly

out in the fresh air, in close communion with nature. Their son and daughter take pleasure in gardening – Lyudmila's seeds of love for the land fell on fertile ground.

Every family visit to the dacha is a celebration. A weekend away from the city hustle and bustle gives strength for another working week.

We love to gather at the big table in the living room and there is always room for guests. Our dacha is a place that unites and holds our family, relatives and friends together, – Lyudmila says. ■

by Ekaterina Suvorova



Astrakhan's great spaces

THE VARIOUS HOBBIES OF OUR COLLEAGUES ALONG THE TENGIZ-NOVOROSSIYSK PIPELINE ARE AN INEXHAUSTIBLE SOURCE OF INTEREST FOR CPC PANORAMA.

THE VALLEY OF THE "CASPIAN ROSE"

When you look at Oleg Sidorchuk, the young and energetic Chief oil metering engineer of the Central Region, it's hard to believe that he's a Consortium veteran. He joined CPC in 2001, when he transferred from JSC Chernomortransneft and moved to Astrakhan from the town of Tikhoretsk in Krasnodar Krai.

A skilled professional, he and his Moscow office colleagues built the Central Region goods shipping service from

scratch. This is a critical sector in receiving the Kazakh oil after it crosses the border, so here meticulous fiscal measurements and processing of all the necessary customs documents have to take place at the same time.

During his free time Oleg is an avid fisherman. He took to this leisure activity back in Tikhoretsk. But the Astrakhan region is a real heaven for any fisherman! It's not just because of the huge sander, cat fish, carp and pike that can be caught in the lower reaches of the Volga river. It's also about the unique picturesque scenery

of a kind that you can't find anywhere else on the planet. To understand that one has to come here from mid-July till September, when the lotus flowers are in bloom. They are often called "Caspian roses" because of their fragrance, similar to

that of the "queen of flowers" in strength and appeal. How lotuses got to the lower reaches of the Volga river is still a mystery for scientists. Some suppose the seeds were brought by migrant birds, while others believe lotuses were brought here by Chinese merchants, or even that they have been growing in the region from the very earliest times.

It is believed that a person can get a full boost of energy, vigour and immunity by spending a couple of hours near the blooming lotuses, inhaling the fragrance of the flowers and bathing in the calm waters next to them. There are many ancient legends about lotuses. The shortest one describes the day when the setting sun decided to come down to Earth and turned into a lotus flower.

– We take our families, kids, relatives and friends just to take a look at their beauty. A park ranger accompanies us on the boat trip through this wildlife sanctuary. And, of course, nothing can match the taste of a real fisherman's soup made with freshly caught fish, – Oleg Sidorchuk says.



Oleg Sidorchuk with a fishing trophy





Today Petr Starkov is the one who shares his house-building experience

A HOUSE YOU BUILT YOURSELF

According to the famous saying, a real man should plant a tree, raise a son and build a house in his life. Even though nowadays houses are more often bought than built, Petr Starkov (Land issues consultant from the Land law group, Expansion Project Astrakhan office) decided to stick to ancient traditions.

He began building his own house in 2008. A year later he finished the foundation. While it was settling, he build a 200 m fence and made the framework all by himself. The house walls were put up by professional brick-layers, of course, but Petr did the internal partitions. He mixed the mortar and laid the bricks.

– I found information about house-building on the net, on forums where professional

construction workers and people who have managed to build something just for themselves share experience. I was always ready to take advice from friends and acquaintances, – Petr Starkov says.

Today he's the one who shares his experience. For example, the roof should be solid. To make that decision Petr looked at numerous houses in the neighborhood.

– Little towers and other attachments might look good, but I think – the simpler, the safer. The main purpose of the roof remains for protection against the whims of the weather, – says Petr.

The housewarming party took place this summer. The children – five-year-old Mikhail and three-year-old Alexander – were especially happy at this much-anticipated event. They helped a lot during construction, especially the younger brother, while the elder one went to his swimming lessons.

– How did a city-dweller like me get the courage to move to the country? Since childhood I've enjoyed our trips to the dacha where I helped the adults to weed the beds and harvest the fruit and vegetables. I would like my children to have a chance to experience all that, too. We've already planted the trees; it's a huge territory, 21 ares, it's going to take time to cultivate it! – Petr concludes. ■

by Pavel Kretov



Petr Starkov's close family

Paradise island

I CELEBRATED THE NEW YEAR OF 2015 IN VIETNAM. I LOVED MY WINTER HOLIDAYS IN WARM ASIA, THERE WERE ENOUGH IMPRESSIONS TO LAST THE WHOLE YEAR. THAT'S WHY I DECIDED TO CELEBRATE THE NEW YEAR OF 2016 IN THE KINGDOM OF THAILAND. LET ME SHARE MY EXPERIENCE OF RELAXING IN THIS LITTLE PARADISE IN SOUTH-EAST ASIA.

My recommendation is to take a flight with a stopover – it's cheaper and helps you to endure the long flight a bit easier. My destination was Bangkok, the capital of Thailand. It is the true spiritual, political, cultural, commercial, diplomatic and educational centre of the country.

In the 19th century Bangkok was called the Venice of the East, as over 90% of its

population lived along the canals. Just like in Venice, you can hire a water taxi and see Bangkok from the inside, look at the beautiful temples, the skyscrapers and even the slums from the water and size up the contrast between the rich and the poor. It's a good way to understand the city. A water tour is quite fascinating. Most boats usually sail from the principal dock of Saphan Taksin, which can be reached by regular taxi, tuk-tuk or bike-taxi. Bike-taxis can avoid regular traffic jams and give you a ride with wind in your hair – an extreme experience is guaranteed. There is no need to be afraid though, the Thai are professional drivers and will get you to your destination point safely and on time.

If you're in Bangkok at a weekend, take time to visit the Chatuchak Weekend Market. It's open from 9 am to 6 pm. It is one of the world's largest markets, it occupies over 140 000 m2 and has more than 15 000 stands and shops. The Thai have a saying: in Chatuchak one can buy all there is in Thailand. There are things for interior design, tableware, hand-made Buddhist amulets, ornamental plants and flowers, souvenirs from every corner of the country, ceramics, and images of the Buddha. There's a section where you can buy pets, like cats and dogs of various breeds,



rabbits. Would you like to dress to stand out from the crowd? The Chatuchak market has over a hundred clothes, shoes and accessories shops. You can find almost anything here at very reasonable prices; besides, you can, and should, bargain.

But it's hard to stay in Bangkok for long: it's hot, it's stuffy and you long for the sea that you've been dying to see since leaving snowy Moscow.

After experiencing the capital of Thailand you feel like you deserve a real holiday. You have to make the most of the chance to laze in the sun with a coconut or a tropical cocktail in your hand. At this point you



are faced with a tough choice: which island do you choose? Any of the multitude of islands offer soft white sand, bright tropical flowers and warm turquoise sea. You just have to decide what you're looking for – solitude, Robinson Crusoe style, or, you may wish to visit as many beach parties and famous Thai massage spas as possible.

The islands of Thailand are very popular for wedding ceremonies and family holidays.

I chose the paradise-like island of Phangan. It is the fifth largest island in Thailand 45 km away from the mainland, in the south of the Gulf of Thailand. Phangan is only 167 km². In the recent years this resort has gained enormous popularity due to its infrastructure and high quality service combined with rich landscapes. It is also famous for its wild parties, so the island is called “the dancing resort”. The Full Moon Party is a huge open air session held every month under the full moon. Several thousand people go there to dance. Pattaya or Phuket, famous for their nightlife, are not even close. Most of Phangan is mountainous and covered with wild tropical jungle. The island offers endless opportunities for exploration, some paths are not even on the map. Rent a bike and take a new route every day! The natural wild jungle of Phangan hide several waterfalls; you absolutely have to swim in one of them after biking there along a winding jungle path. I cannot even start to describe the feeling!

Even though the island is rather small, it has lots of gorgeous beaches with white sand and large palm trees.

I was pleasantly surprised by the solitude, there were unexpectedly few tourists. Small cafes offer local food. Thai massage is not difficult to find. And you simply must taste the local exotic fruit, like the unbelievably sweet king fruit called mangosteen. My favourite dish is pad-thai, which is quite popular. You can find it both in expensive restaurants and in small roadside cafes, the cook and the ingredients will still be excellent. The dish is cooked in a sizzling hot wok by sauting all the ingredients in fish sauce.

It is useful to learn a couple of phrases in Thai, the locals appreciate the effort. For example: “Thank you” – “khob-kun”, “hello, goodbye” – “sawatdee”. When a man is speaking, the sentence would end with “khrup”, and with “kha” if the speaker is a woman. Thai language is special, it has male and female words and particles.

You forget all your Moscow troubles after a short time on the island. By fully immersing yourself in contemplation and letting time slowly pass, your body and soul get some proper rest. It gives strength and vitality for further life and creativity. The main feature of life on an island is not to rush and to feel like you're a local.

I cannot imagine my life without travelling, it gives me so many new powerful experiences. I plan all my travel in advance, be it in Russia or abroad. The expectation itself of a new holiday and another voyage is already the anticipation of happiness you get from meeting new people and seeing beauty! ■

by Nadezhda Cherednikova



"This is no plain ..."

THE ALTAI MOUNTAINS, SOME OF THE HIGHEST IN RUSSIA, LIE IN THE SOUTH OF SIBERIA RIGHT WHERE THE BORDERS OF RUSSIA, KAZAKHSTAN, CHINA AND MONGOLIA MEET. ALEXANDER BARKOV, A REGULATORY AFFAIRS GROUP EXPERT, TOLD CPC PANORAMA ABOUT HIS TWO-WEEK HIKE IN THE MOUNTAIN SLOPES.



lorry called ZIL-131.

Then it was time to put on the backpacks and set out. By the way, the average backpack weight at the start was no more than 17 kg, which is the usual weight at the end of such a trip. But here the rarefied mountain air makes you feel every gram so you take nothing more but bare essentials: light tents and sleeping bags. The food allowance is strict and precise – sausages, cheese, freeze-dried meat, hard tacks, rice, grits, chocolate, khalva and dried apricots.

– My father Nikolay Victorovich was the initiator and mastermind of this trip – as he always is with such journeys. For over 25 years now he has been taking every opportunity to go to Altai, – says Alexander Barkov.

Nikolay Victorovich knows the local mountains well, so the tourists hardly ever need the

map and compass. The route was arranged so that from every point it would take no longer than a day to reach an inhabited locality. This wasn't being over-cautious: for half of the group it was their first mountain hike.

The mountains are unpredictable, so the group had to make several detours.

"The mountains are alive. Some rocks crash and fall, others take their place, and even if you could walk safely on the first ones, the new rocks might turn out to be impassable", Alexander explains.

The group started their climb at the Udachny (Lucky) pass. The route wasn't very difficult and suited the group's intention to practice using crampons.

It was not Alexander's first time in Altai, he had already visited a valley between the Northern and Southern Chuya ranges in 2003. The climate there is gentler, and there are hardly any bare rocks. Now that valley lay far beneath them, the travellers glimpsed green meadows between gaps in the clouds floating at their feet.

Next there was the Leningradsky pass, with a magnificent view towards the Blue Lake. While climbing our tourists witnessed an interesting natural phenomenon – it was snowing upwards instead of downwards. It happens when neighbouring

First there was a flight from to Moscow to Gorno-Altai, then a car ride along the Chuya tract, followed by another 200 kilometres higher into the mountains in a cross-country

valleys have different atmospherical pressure so the wind picks snowflakes up and throws them over the mountain range.

At some passes it's a local tradition to bring a couple of stones and leave them at the top. It is believed to appease the mountain spirits. At one of the mountain tops Nikolay Victorovich told his companions about dozens of stones he had already brought there.

Besides forests and mountains, Altai can boast a rich local fauna. Our tourists saw herds of wild horses, yaks, groundhogs and gophers.

Once Alexander found himself face to face with a herd of mountain goats. Before he had time to get scared or regret not having a walking stick in his hands to scare the animals off, the goats changed the direction sharply. It turned out they were only speeding up to get to a higher rock platform.



Sometimes the weather turned really bad, with low temperatures and gale force winds. In such conditions the tents would bend almost to the ground. The tent of Nikolay Victorovich was better adapted for such ugly weather, so the tourists used it as a canopy

while using their camp stove, which also served for getting warm.

One of the main sights in this part of Altai is the Dome of Three Lakes. It is one of the North Chuya range peaks of about 3500m. It took the group six hours to climb to the top and get back to their camp. The mountain top offers a great view towards the Kuray and South Chuya ranges, the Kuray steppe, the tops of Aktru-Bash, Kzyltash, Kara-Tash, Sneznaya, Djelo and Tyute, the glaciers of Bish-Eerdu knot and the picturesque lakes of the Tyute river-valley. On a bright day from the Dome of Three Lakes one can see the highest point of Siberia – Mount Belukha 90 km away.

In addition to the view from the top, the climbers could use their mobile phones and call home. This is not really surprising: 20 km away from the Dome of Three Lakes is the Chuya track that has good cell coverage all the way along. »





treat the guests to their local produce – yak milk and cheese, salted yoghurt and flatbread.

After some time with the villagers the myth of lots of alcohol being consumed in the deep Russian countryside was busted. In the village of Aktash six tourists had difficulties purchasing even a few bottles of beer, and later it turned out they bought up the village's whole stock. The shop assistant said that the locals never buy alcohol and they only keep it for tourists.

The solicitous attitude of the Altai people to the memory of the Great Patriotic War heroes deserves to be mentioned. Every smallest village has well-tended monuments and obelisks with the names of those who went to the front and never returned.

Our tourists came back from their mountain trip with strong emotions and vivid memories, and promised to return. ■

by Pavel Kretov

Once they got down, the tourists decided to cross over to the other bank of the Djelo river and make camp in a wind-proof pine wood. This was easier said than done. Although it is usually easily forded, the river was now wide and turbulent. They had to walk to the nearest village for help, and finally managed to cross the river in a car that happened to pass by.

It was an unforgettable

experience: the biggest waves reached up to the windows. On the way back the engine died and the car started drifting. By some miracle the driver managed to start the car again, – Alexander recalls.

Let's not forget the local people. They are always willing to help tourists and often refuse to take money they are offered. They are hospitable and



Come And Be Caught, Fish

THE MODERN WORLD HAS A MIND-BOGGLING FLOW OF INFORMATION AND A HECTIC RHYTHM OF LIFE. THAT MEANS IT'S VITAL TO HAVE A CHANGE OF SCENERY FROM TIME TO TIME, AND IMMERSE YOURSELF IN THE GREAT OUTDOORS.

Pavel Zaitsev, a member of the Projects and Engineering Department of CPC-R, is able to regularly manage his leisure activities, and benefit from it. We are talking about that timeless, universal pastime – fishing.

Pavel was born in Volgograd, and starting from his early childhood, as soon as he was able to hold a fishing line, every weekend he travelled to the Volga with his father and grandfather to fish. Since then fishing has been a major part of his life. When he started to learn how to fish, he used a bamboo fishing rod, and as his experience grew, he tried different fishing equipment. Depending on place one needs different equipment: for big rivers like the Volga or the Don, feeder rods and spinning rods should be heavy and rigid, and for fishing on a small river or lake they should be light and sensitive.

According to Pavel, fishing can be an expensive hobby. But if fishing is your passion, you don't think about the cost. Fishing gives so much joy, satisfaction and benefit. It is not without reason that people say: "Time spent fishing doesn't shorten your lifetime".

In winter and summer, during holidays and weekends, Pavel goes fishing together with friends.

– What could be better than sitting around a fire? What a pleasure it is to wake up at sunrise, leave the tent and breathe the fresh morning air! The first rays of the rising sun are starting to feel warm on your skin, and the silence of early morning creates a calm and idyllic mood. The most exquisite delight is tasting freshly cooked soup from just caught perch and zander! – says Pavel appetisingly.

He didn't fail to add some fisherman stories:

Once, early in the morning in July we were waiting for carp on the river Akhtuba. I went to my father to find out how good he was doing and left my feeders about 70 metres behind me. All of a sudden I heard the bells ringing, turned around and

saw one of my feeder rods bend like a bow and fly from its support into water. Never before had I run the "100 metres dash" so fast, even at school. I had to jump into water to catch my rod that was swimming away from me. The result of that hard-fought battle was a carp that weighted 5.5 kilos.

Not long ago our hero tried sea fishing in the Dominican Republic. Sea fishing is just as exciting and thrilling. The main technique is called trawling, which is a method of fishing from a moving boat. Fishermen navigate motorboats and drop in spinning rods baited with small live fish. When a fish bites, the spinning rod bows sharply, and it means that the fish is on the hook and it is time to reel it in. During that tropical fishing trip Pavel got a trophy fish – a 15 kilogram dorado.

– I don't consider a year successful unless I've spent 2 weeks in a tent on a river bank. It is like a breath of fresh air, something one can't live without! – says Pavel.

When your favourite activity becomes a part of your life, the way to harmony and happiness opens up. For Pavel achieving unity with nature, plus the yields of delicious freshly-caught fish (by the way, Pavel often shares them with his friends) is a wonderful emotional boost, that strengthens him, helping to make progress in his professional life and other fields. ■

by Maria Polupanova



Only the brave can tame the oceans!

WHEN I WAS OFFERED THE CHANCE TO CONTRIBUTE TO THIS ISSUE, I KNEW INSTANTLY WHO TO WRITE ABOUT. MY FIRST THOUGHT WAS ABOUT HER – FROM THE OIL, TRANSPORTATION AND COMMERCE DEPARTMENT, THE AMAZING, THE ONE AND ONLY, ANGELINA MASLENNIKOVA.

Angelina is a long-term employee, having been with the CPC-R since 2002. She takes her job very seriously and brings stability and precision to any venture. But she is little known for her sea and ocean voyages. Angelina's bold spirit always longed for nature, freedom and adventure. The only thing our brave "sea raider" lacked was her own boat.

This story began on a social network when Angelina saw a picture of her colleague training to become a sailboat skipper in the Mediterranean. It was May 2013.

– "I can categorically say that this was the moment that separated my life into BEFORE and AFTER, – remembers Angelina. "To all my hesitant 'what? how? can I?' questions my colleague simply said: "You can do it! But first you



have to give sailing a try to make sure it's your thing". Sea and sails would forevermore disturb my peace. I didn't manage to make it that year, but decided not to waste any more time

completed a course at the "International Yacht Masters Association", and then started on the sea.

Everything was completely new for her: all those new terms, signs and symbols were like a Chinese puzzle! Studying was hard, but a journey of a thousand miles begins with a single step. One thing after another, step by step, exercise by exercise ... The practical training started after the theory exam: in June 2014 Angelina set off from Elba to Corsica.

and started mastering nautical theory. Is there anything better to do on a long winter evening?

Angelina's solid approach and sense of responsibility were obvious even for a hobby: first she

Despite the extensive training, Angelina was extremely nervous about her very first voyage – just like any nautical freshman.

– Everything was new. There were no familiar faces around, – says Angelina. – There was no



escape from my doubts: Can I do it? Am I ready? Is this really my kind of thing? And I knew that not everyone manages to find their sea legs. But my desire to change my holiday routine overpowered all of my fears. I had got bored with hotels, and lazing on the beach. I wanted a change of scenery, new sensations and intense emotions. And I wanted to feel the elements – the power of the elements!

The week of practice passed by in a flash – or better to say, in a single wave. There was, of course, the initial shock of the number of “sheets” to handle on a yacht. I was about to spend a week with all of that, I had to memorise everything really fast and learn to work in a team. People on a yacht usually hardly know each other, so harmonious team work is really important, from everyday issues to securing the boat’s motion and stability. It’s every captain’s dream to have a crew that wastes no words and works fast,” smiles Angelina.

From this one voyage she got more impressions than from years of previous travels. Every day there is a new route, lots of physical exercise, strategy and tactics, observation, bathing in the open sea, riding the fenders, fishing, nights at sea, playing mafia and chess, singing to a guitar, cooking contests, liferaft racing and so much laughter! The unique thing about sailing is that you can get to wonderful places that are very difficult or impossible to reach by land. There are unforgettable sunrises and sunsets, and the weather changes five times a day. When calm prevails, everyone’s sunbathing, reading or learning to tie knots, but at the first sign of wind it’s all hands on deck, thrill and adrenaline!

– After a regatta you mechanically keep on going in the same rhythm for a while. During the race you start to feel time differently. You appreciate every single second, literally. When you check the tournament table you can see that one second can make all the difference between winning, or otherwise. Reactions must be instant, and 100% concentration is needed. These are the requirements for a team to show good results, – Angelina points out.

When talking to Angelina, it feels like she is, even at that very moment, on the way to new adventures. Her enthusiasm is inspiring. “I myself feel those emotions and love for sea very keenly; before the power of the ocean all are equal. You get to know another side of yourself and everyone else on your crew.”

Angelina has completed numerous international sailing races, both amateur and professional. She’s travelled over a thousand miles with a crew of cheerful courageous people and has won the most hardest competitions more than once.



It is a whole different world! A world of happiness and love for sailing. The most important things is to set the sails, and then the yacht will race you towards new adventures at breakneck speed! ■

Interview by Maria Polupanova





From an early age Misha dreamt of doing martial arts, so two years ago when a coach came to his school and invited pupils to join his taekwondo club, the boy welcomed the idea with great enthusiasm. Misha tried doing Japanese aikido, but didn't fancy it; with taekwondo things went right from the very start.

Mikhail practices three times a week for an hour and a half, and he still has time to go to the swimming pool. Swimming from the age of 4 and martial arts have greatly improved the boy's physique, by fortifying both his immunity and his character.

With all of that, he still manages to show good results at school, too. His mother knows just the right motivation: she tells him that he has to do well at school, otherwise he will have to quit martial arts. Misha can't imagine his life without taekwondo, so he studies hard.

Young Taekwondo Fighter

ELENA PIOTROVSKAYA, CPC-R MOSCOW OFFICE TRANSPORTATION DISPATCHER, IS CONVINCED THAT CHILDREN SHOULD BE INTRODUCED TO SPORT AND A HEALTHY LIFESTYLE AS EARLY AS POSSIBLE; IN THAT WAY THEY CAN ACCOMPLISH A LOT. HER 8-YEAR-OLD SON MIKHAIL IS SERIOUSLY INTO TAEKWONDO, AND WON HIS FIRST GOLD LAST YEAR.

– My son is eager to become a martial artist, – says Elena.

– Last year he went to the 15th International taekwondo competitions, and took the gold in his group. It was a serious tournament with participants from all over Russia and even from abroad. So I believe he has what it takes to advance in sports.

That is what the young athlete himself told CPC Panorama about his favourite hobby:

– *I enjoy taekwondo because it gives me strength and stamina, so I can fight back in case I have to.*

– *How do you manage to keep the pace up with both your studies and sports? Do you get tired?*

– *Not really... Sometimes you do feel like taking a break, and then you have to force yourself to do homework.*

– *What are your plans in sport?*

I want to get a ninth dan black belt! That would make me a senior in the group, and I'd be able to teach everyone and show exercise sets.

– *Do you have a good coach?*

– *Absolutely! He helps me and other boys a lot. He teaches us that the most important things in fighting are speed, stamina and strength! You have to learn to think and predict what your opponent is about to do. You can see it in his stance!*

Elena gives a lot of credit for her son's success to his coach Vyacheslav Pervushin. He inspired the young athletes with love for taekwondo and leads them on. All his students regularly take top places in competitions.

Sports help Misha develop strength of mind, willpower, self-confidence, and the will to win. Elena thinks such strength of character will have a positive influence on her son's future and help him make it in any profession he chooses. ■

by Irina Brichkalevich



"Pride of the Motherland" from Ipatovo

IN REGIONS WHERE THE CPC IS ACTIVE IT IMPLEMENTS A LOT OF SOCIAL PROJECTS, SUPPORTING SUCH AREAS AS EDUCATION, MEDICINE, AND MUNICIPAL TRANSPORT SYSTEMS. AND SOMETIMES IT RECEIVES REQUESTS FOR HELP FROM INDIVIDUALS. WE WOULD LIKE TO SHARE ONE PARTICULAR SITUATION.



The head of the CPC Nikolay Brunich received a letter from 12 year old Tikhon Bocherov from the city of Ipatovo, Stavropol Territory: *«...You visited our city of Ipatovo on 23rd of December and gave buses to the kids. I performed on the stage. I am the very same boy who dropped his Cossack sabre during the performance because of nervousness... You see, Nikolay Grigorievich, I wanted very much to approach you with my request, but I didn't dare, I was too much nervous.»*

In his community the boy does research at the children's association called "Young Ecologists". A research project prepared by him called "The Analysis of Waste Waters Entering Water Treatment Facilities of Ipatovo Sewer System" took the 3rd place at a local ecological conference. And you should know that Tikhon's work surpassed those of many high school students! Later, when it became known that in February 2016 the All-Russian Forum of

Research and Creative Works "We Are the Pride of the Motherland" was to take place in Podmoskovye, Tikhon wanted to try himself in that large-scale competition.

But the cost of participation in the Forum – 30,000 roubles – was too much for Tikhon's multi-child family. *"I hope very much for your help, Nikolay Grigorievich"*, wrote the boy, *"because unfortunately I have nobody to apply to but you"*.

His request was heard. In his private capacity the General Director of the CPC sent the money to the talented boy's mother, enabling Tikhon to fulfil his dream.

We are talking with Tikhon and his mother after his participation in the Forum. For our young hero it was his first serious travel adventure; formerly he had travelled only as far as Stavropol. All of a sudden Tikhon experienced his first travel by train, his first stay in a splendid guest house in Podmoskovye where the Forum took place, and he saw the Red Square and the Metro... It was a great experience. He brought a lot of stories to tell his friends in his home city of Ipatovo.

The All-Russian Forum in Yakhonty guest house in Podmoskovye brought together 80 children from different parts of Russia. The kids presented their works in categories such as "Economics", "Psychology", "Ecology", "Sociology". The Forum saw the best research reports, which had been selected in the course of preliminary contest in absentia. Tikhon Bocherov with his report lived up to the expectations of his friends and family and took the 2nd place.

"When we were sending the letter we didn't expect any results", says Julia, Tikhon's mother. "We presumed it would get lost among many of similar requests... So we were very surprised when they called us and told that they wanted to give us money for the trip. Tikhon couldn't believe it when he was handed the money: "Is it for me? Is it for me?"

"I am so happy! I'm happy to have visited Moscow and awarded the 2nd place in the competition!" Tikhon shared his feelings. "I'm very grateful to Nikolay Grigorievich! I thank him for this miracle!"

Tikhon decided to continue his research work in the field of ecology, and he is already planning his next project dedicated to the quality of drinking water in the region.

Nikolay Brunich received a Letter of Gratitude from the organisers of the forum "We Are the Pride of the Motherland", which stated: *"Your awareness of the necessity to support gifted children as well as teachers and parents who are taking an active part in this event is an important component of the pedagogical process; it facilitates the development of the intellectual and moral aspects of a child's identity and serves as a contribution to prosperity of Russia"*.

Yes, it is very important to support the endeavours of children and to help develop the potential of talented and enterprising kids like Tikhon Bocherov, because they are exactly the people who are to secure the successful development of our country in the future. ■

by Irina Brichkalevich

Caspian Pipeline Consortium: a time-tested international project



CPC-R, MOSCOW OFFICE

Business Complex "Legion",
4th floor, B. Ordynka Str., 40, building 4,
Moscow, 119017, Russia
tel: +7 (495) 745-87-70
fax: +7 (495) 745-87-72
e-mail: Moscow.reception@cpcpipe.ru

CPC-K, ASTANA

Hotel "Beijing Palace",
Level 11, Esil district,
Syganak Str., 27,
Astana, 010000, Kazakhstan
tel: (7172) 799-271
fax: (7172) 799-272
e-mail: Astana.reception@cpcpipe.ru

CPC-K, EAST REGION

Business center "Seven Stars",
Satpaeva Str., 34A,
Atyrau,
060011, Kazakhstan
tel: (7122) 76-15-00, 76-15-35, 76-15-99
fax: (7122) 76-15-91
e-mail: Atyrau.reception@cpcpipe.ru

CPC-R, CENTRAL REGION

Kirova/Krasnogo znameni Str., 24A/10,
Astrakhan,
414000, Russia
tel: +7 (8512) 31-14-00, 31-14-99
fax: +7 (8512) 31-14-91
e-mail: Astrakhan.reception@cpcpipe.ru

CPC-R, REPUBLIC OF KALMYKIYA

Suite 608, V.I. Lenina Str., 255A,
Elista, 358000, Russia
Tel: +7(84722) 4-13-89
e-mail: Elista.reception@cpcpipe.ru

CPC-R, WEST REGION

Budennogo Str., 117/2,
Krasnodar,
350000, Russia
tel: +7 (861) 216-60-00
fax: +7 (861) 210-35-51
e-mail: Krasnodar.Reception@cpcpipe.ru

CPC-R MARINE TERMINAL

Marine Terminal, Primorskiy okrug,
Novorossiysk, 353900, Russia
tel: +7 (8617) 64-25-52
fax: +7 (8617) 64-25-51
e-mail: MarineTerminal.reception@cpcpipe.ru

CPC-R, NOVOROSIYSK

Vidova Str., 1A, Novorossiysk,
Krasnodar Krai,
353900, Russia
tel: +7 (8617) 61-15-64
fax: +7 (8617) 61-26-90
e-mail: Novorossiysk.reception@cpcpipe.ru

CPC-R, STAVROPOL TERRITORY

Suite 208, Ryleeva Str., 7,
Stavropol, 355000, Russia
e-mail: Moscow.reception@cpcpipe.ru



In Focus: The Marine Terminal