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**COMPARATIVE ANALYSIS AND CREATION  
AUTOMATED WORK PLACE FOR GOVERNING  
FINANCIAL SECTOR PENSION FUND FERGHANA AREA**

**THESIS FOR THE MASTER'S DEGREE**

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## ANNOTATION

This master thesis is directed on the comparative analysis and creation of the automated workplace for management of financial sector of the Pension fund of the Fergana area. Arising it was necessary to develop a configuration for elimination of problem situations the automated workplace including the documents used by the accountant, allowing to increase efficiency of activity of department and to save its working hours. For development and creation of a configuration the 1С:Предприятие 7.7 environment was chosen. The automated workplace developed as a result of this work serves as the instrument of effective conducting accounting. Use of system allows to reduce number of manual operations, thereby having reduced labor input of work of the accountant, to reduce probability of mistakes, to increase quality of work of department of accounts department that plays an important role in adaption of administrative decisions.

## АННОТАЦИЯ

Ушбу магистрлик диссертацияси Фарғона вилояти Пенсия жамғармаси маблағлар секторини бошқариш учун автоматлаштирилган иш жойи дастурий таъминотини қиёсий тахлили, ҳамда яратилишига йўналтирилган. Муаммоли вазиятларни олдини олиш учун иш вақтини унумдорлигини, бўлим фаолиятини самарадорлигини ошириб берувчи, бухгалтер фойдаланадиган хужжатларини ўз ичига олган автоматлаштирилган иш жойи дастурий таъминотини яратиш зарур эди. Уни яратишда «1С:Предприятие 7.7» мухитидан фойдаланилди. Автоматлаштирилган иш жойи дастурий таъминоти бухгалтерия ҳисобини юритишда қулай воситадир. Тизимдан фойдаланиш қўлда бажариладиган жараёнларни қисқартириб, бухгалтер ишини осонлаштиради, хатоларни олдини олади, бўлимдаги иш сифатини ошириб беради, бу эса бошқарув қарорларини қабул қилишда жуда катта аҳамиятга эга.

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## INTRODUCTION

Effective management of modern enterprise accounting is a fairly non-trivial task, given the diversity of resources used and the high rate of change in the operating environment.

Demand for research in the field of automation of accounting undeniably great as effective, based on advanced scientific achievements automated system is one of the main conditions for the success of any organization and affects the timely adaptation of the system and the organization's management system to dynamically changing environment.

As a result of accounting reform in Uzbekistan has established a regulatory framework. The legal basis for the transition to the NAS is the law "On Accounting", it sets the fundamental rights of accounting, general requirements and procedure of the financial statements.

Application of national standards based on the principles of international financial reporting, quite seriously increase the amount of accounting work and its quality, the application will be almost impossible accounting unskilled labor.

It is quite obvious that the introduction of national standards account requires introduction and memorial-order form of accounting, as this form of accounting maximally adapted for accounting according to international standards, more easy to use and is used around the world.

Bookkeeping allows you to have a reasonable, information on the status of the enterprise. Accounting should be done in accordance with the regulatory documents and standards.

Thus, there is a uniform approach various business entities to the formation of the financial statements.

Compiled on the basis of financial reports will be standards are useful and understandable for interested users.

There are roughly four levels of regulatory documents.

First level - Laws, Codes, Regulations of the Oliy Majlis, decrees of the President, Cabinet of Ministers of the Republic of Uzbekistan.

Normative acts of the first level identified fundamental provisions concerning the conduct and organization of accounting in enterprises.

For example

1. The Law of the Republic of Uzbekistan " О бухгалтерском учете " from 30.08.96y.<sup>1</sup>

2. Гражданский кодекс of 26.08.1996y.

3. Налоговый кодекс of 24.04.1997y.

4. The Law of the Republic of Uzbekistan " О гарантиях свободы предпринимательской деятельности " from 25.05.2000y.<sup>2</sup>

Regulations on the part of the cost of production and sale of goods (works, services) and on the formation of financial results from 5.02.1999y.<sup>3</sup>

Decree of the President of the Republic of Uzbekistan " О мерах по повышению ответственности руководителей предприятий и организаций за своевременность проведения расчетов в народном хозяйстве " from 12.05.1995y.<sup>4</sup>

Resolution of the Cabinet of Ministers "О мерах по сокращению и упорядочению отчетности для предприятий малого и среднего бизнеса " from 23.02.2000y<sup>5</sup>

The second level - concretize provisions of legal acts of the first level.

This National Accounting Standards (NAS), developed and approved by the Ministry of the Republic of Uzbekistan.

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<sup>1</sup> Закон Республики Узбекистан «О бухгалтерском учете» . 30 августа 1996г.

<sup>2</sup> Закон Республики Узбекистан «О гарантиях свободы предпринимательской деятельности» . 25 мая 2000г.

<sup>3</sup> Положение о составе затрат по производству и реализации продукции (работ, услуг) и о порядке формирования финансовых результатов. 5 февраля 1999г.

<sup>4</sup> Указ Президента Республики Узбекистан «О мерах по повышению ответственности руководителей предприятий и организаций за своевременность проведения расчетов в народном хозяйстве». 12 мая 1995г.

<sup>5</sup> Постановление Кабинета Министров РУз «О мерах по сокращению и упорядочению отчетности для предприятий малого и среднего бизнеса». 23 февраля 2000г

NAS govern the basic rules and the accounting treatment of certain objects accounting in enterprises.

Until now in Uzbekistan developed and implemented on 19 NAS.

For example, some NAS

NAS number 0 - Framework for the preparation and presentation of Fin.

#### Reporting

NAS number 1 - Accounting policies and financial reporting

NAS number 2 - Income from core business

NAS number 3 - Statement of Financial Performance

NAS number 4 - Inventories

NAS number 5 - Fixed

NAS number 9 - Statement of Cash Flows

NAS number 15 - Balance sheet

NAS number 19 - Organization and carrying inventory

NAS number 20 - On the order of simplified accounting and reporting by small businesses

NAS number 21 - Chart of Accounts

The third level - this instruction guidelines on provisions, letters of ministries, committees and agencies (Ministry of Finance, State Tax Committee, the Central bank)

Normative documents of the third level concretize NAS according to industry and other features of business entities. For example:

Regulations on the order of transactions in foreign currency accounting, statistical and other financial statements of 7.11.2001y.<sup>6</sup>

Instruction on the procedure of calculation and payment of taxes.<sup>7</sup>

Regulation on the procedure write-offs of fixed assets from 28.02.2001y.<sup>8</sup>

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<sup>6</sup> Положение о порядке отражения операций в иностранной валюте в бухгалтерском учете, статистической и иной финансовой отчетности. 7 ноября 2001г.

<sup>7</sup> Инструкции о порядке начисления и уплаты в бюджет налогов.

<sup>8</sup> Положение о порядке списания с баланса основных средств. 28 февраля 2001г.

Regulations on cash payments in the Republic of Uzbekistan dated 10.08.1998<sup>9</sup>

The fourth level - internal regulations managing all the relevant subject.

They regulate the organization of accounting for the particular enterprise, developed by a business entity and approved by its leadership. For example:

- The accounting policies of an economic entity
- Seating chart of accounts
- Composition of primary documentation
- Procedure for submission of internal reporting
- Job descriptions of employees of the accounting

Software for automation of accounting today are widely demanded in both small and large enterprises. Interest in them is growing every day. In a market economy to achieve success just need to use advanced technology.

Automated accounting program-just what you need modern accountant. There is a correlation between the scale of the enterprise and the type used in computer systems, accounting information technology. This dependence is due to both the needs of the information technology to implement the functions of computer accounting systems and possible level of the cost of its creation and maintenance.

**Justification and relevance of dissertation work.** Despite the variety of approaches to the study of automated accounting systems, it should be noted that a number of significant aspects of their organization is still not actually developed, particularly in relation to the conditions of operation of off-budget Pension Fund. When this becomes particularly **relevant** research questions of the organization workstation that allows not only to simplify the perception of information as an accountant, but also to provide automatic generation of user accounts, but also to accumulate a number of records accounting transactions to

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<sup>9</sup> Положение о безналичных расчетах в Республике Узбекистан. 8 октября 1998 г.

be drawn up in the form of a manual accounting different primary documents in one screen.

**The object and subject of dissertation work.** The object of the study served as a practical department "Accounting and report" off-budget Pension fund.

**The subject** of study of the thesis is the development and creation of workstation for the department «Accounting and report» off-budget Pension Fund.

During the study, a detailed analysis of singularities accounting department «Accounting and report» analysis of common accounting software development workstation eliminating previously erred when operating department.

As a tool for the implementation of the system is used "1C: Enterprise 7.7."

**Purpose and research problems.** The purpose of dissertation work is the comparative analysis of an existing automation equipment of accounting and creation of the automated workplace for management of financial sector of an off-budget Pension fund.

For achievement of a goal in dissertation work the following **tasks** were set and solved:

- research of activity of department "Accounting and report" off-budget Pension fund;
- consideration of methodology of effective automation of accounting;
- reduction of time expenditure of the accountant on manual routine selection;
- conducting accounting by automation of the most labor-consuming operations and improvement of quality;
- elimination early made mistakes the employees when forming accounting reports;
- increase of overall performance of department;
- the description of bases of work with "1C:Предприятие";

- consideration of the widespread automated systems of accounting and their comparative analysis;
- development and creation of the updated automated software for accounting;
- the analysis and elimination of the problems arising in the course of automation;

**Main objectives and and research representations.** In the course of research the detailed analysis of features of conducting accounting of department "Accounting and the report", the analysis of widespread accounting programs, development of the automated workplace eliminating earlier made errors is carried out during the department work. **Main representations of research:**

- the description of bases of work with "1C: Enterprise 7.7";
- consideration of the widespread automated systems of accounting and their comparative analysis;
- development and creation of the updated automated software for accounting;
- the analysis and elimination of the problems arising in the course of automation;

**Short review of literature on a subject.** In the course of writing of master's dissertation thesis a large number of the literature concerning this subject was studied. The set of textbooks, papers, course and theses on accounting is studied. The main sources opening theoretical bases of development and creation of the automated workplace were: Каширина И.: «Автоматизированное рабочее место бухгалтера», Закарян И., Рафалович В.: «Автоматизация бухгалтерского учета. Первое знакомство». In these sources the concept of the automated workplace, its main components, and also a role of the automated workplace of business management structure is in detail considered, the directions of software developments of automation of accounting are studied.

**Research method.** In the course of performance of dissertation work various methods and methods of economic researches are applied to the solution of objectives: logical and settlement, the analysis, studying and processing of scientific and educational literature on accounting automation, comparison of the most popular automated systems applied in accounting.

**Theoretical and practical value of results of research.** In the process of dissertation yielded the following most significant scientific results:

1. Investigated the process of the department and identified the most significant problem situations.
2. Analyzed the most common means of automation of accounting and choose the appropriate platform - 1C: Enterprise 7.7.
3. Designed and created workstation.
4. During the development of optimization techniques applied and removed possibility of problems associated with changing the current operating system.

**Practical implications** determined by the possibility of using the developed recommendations on the organization of workstation and its implementation in terms of practice of the accounting department in order to create the preconditions for sustainable growth of the efficiency of-business.

**Scientific novelty** of the thesis is to clarify the theoretical and methodological development and organizational and methodological foundations workstation as one of the types of systems that are essential for enhancing the effectiveness of the accounting department.

**Volume and structure of the dissertation.** The thesis work has the following structure: introduction, three interrelated chapters, conclusion, bibliography and appendices. This master's thesis is written in the volume of 116 pages and consist 1 table, 24 figures.

**In the introduction** the relevance of the topic of the dissertation, is estimated degree of scrutiny of the problems formulated goal and objectives of the study are determined by the subject and object of research, reveals the

theoretical and methodological foundations of solving this problem, characterized by elements of scientific innovation in the work, their practical significance and direction of use.

**The first chapter** is devoted to preliminary research department «Accounting and report» and justification of theoretical problems arising from the operation of the department.

**The second chapter** presents the theoretical material concerning the nature, relevance and the current state of accounting automation, automation provides the theoretical basis of accounting, the comparative analysis of common accounting systems, requirements for automated accounting systems, as well as general information about the "1C: Enterprise 7.7."

**The third chapter** covers activities aimed at developing and implementing effective workstation.

**In conclusion** summarizes the main results of the study, formulated conclusions.

Implementation workstation accounting has reduced the proportion of manual bookkeeping, reduce the time spent on information processing, reduce the probability of errors and increase productivity accounting department.

# **I CHAPTER. STUDY OF THE FUNCTIONING(WORKING) THE ACCOUNTING DIVISIONOFF-BUDGET PENSION FUND ON FUNCTIONING ON SYSTEM 1C. WORDING OF THE TASK OF THE DESIGNING**

## **1. Literature review**

In the process of writing a master's thesis devoted to a comparative analysis and workstation was studied a large number of literature on the topic. Studied many books, essays, term papers and dissertations on accounting.

Based on the study of scientific and educational literature local authors such as Бабаева Ю.А. «Бухгалтерский учет: Учебник для вузов», Соколова Я.В. «Бухгалтерский учет» and many others, are considered automated accounting system, the specifics of accounting with their use, their advantages and disadvantages, studied the concept, principles, characteristics, elements and milestones accounting automation.

The main sources that reveal the theoretical foundations of designing and creating the workstation was the work Каширина И.: «Автоматизированное рабочее место бухгалтера», Закарян И., Рафалович В.: «Автоматизация бухгалтерского учета. Первое знакомство». In the data sources discussed in detail the concept of workstation, its main components, as well as the role of workstation in the structure of the enterprise management areas studied developments in the automation of accounting.

Bookkeeping using a computer today has become the norm of many enterprises. Using the work of the accounting program provides ample opportunities for automatic reflect any documents and business transactions in

accounting through accounting entries, as well as exclusion of arithmetic errors. On your computer, easily formed and all primary accounting documents.

Discussed in detail and analyzed thesis. On the basis of which the main purpose was elucidated in the development the pursued configuration - a reduction of time spent as an office manager of department on work with clients on documentation and reporting.

Configuration was created to perform the following functions:

1. Entering information about applications;
2. Verification of input data;
3. Monitoring of the availability of goods in warehouses;
4. Analysis of the employee.

To create a configuration was used 1С:Предприятие.

During the pre-project study found that co-representation documentation (application and order to the supplier), as well as check for stock on hand without automation office manager to work with clients of ООО " Софт Центр С" spends 45% of their time , which is approximately 88 hours per month. After the introduction of the program this time reduced by several times.

The main result of the graduation project was to develop, on the basis of modern CASE-technologies, the original configuration of "1С: Клиенты."

The operation of a Григорьева Т.Е. "1С: Предприятие" and other computer systems of accounting and control" which was placed the most common rating firms, accounting software developers. The undisputed leader among developers was 1С. According to these data information has been involved in this thesis.

The operation of a thesis Д.Ф. Бикмуллина "Бухгалтерский учет и анализ расчетов с работниками по оплате труда и другим операциям".

In this paper we describe the methodology of accounting calculations with staff on pay, search for patterns and forecast values of parameters affecting the dynamics of the wage fund. The systems of remuneration given account through which keeps records, listed documentation used in accounting, specific

examples of synthetic and analytical accounting calculations of wages in the enterprise, deductions and deductions from employees' salaries. Also studied various methods of analysis payroll. Accounting payroll conducted in an automated way using accounting program "1С: Предприятие."

Based on the study of literary material, studies and the results obtained, we can draw the following conclusions:

In the enterprise to apply time-based remuneration and-time-premium form of remuneration. Accounting payroll conducted in an automated way using accounting program "1С: Предприятие." All accrual, retention, and payments are made in accordance with labor, tax laws and regulations on accounting. The data are consistent with the analytical accounting synthetic accounting, analytical accounting makes it possible to consider in detail the operations of accounting and remuneration.

Characterized the process automation of accounting:

The database provides comparability of information and transfer of one file to another. Software package allows automatic calculation of totals, compiling memorial warrants, change and adjustment information directly into the database database any additional modification of the structure and algorithm of the program, compiling the book "Журнал-главная", Balance Sheet and summary reports, fully automated accounting cash transactions, payment transactions, accounting of funds in the current account.

Subsystem has been studied, the dialogue with the user which is organized as a window interface. When designing the interface comply with the requirements to the number of semantic objects in the form of information elements and the clarity, which contributes to less operator fatigue. Screens are designed for keyboard and mouse simultaneously. The keypad is used to enter numeric and alphabetic values, and the mouse to select menu items, pressing buttons and work with other visual components. Not exclude the possibility of only the keyboard.

The application components are widely used dynamic resizing the window, the status bar, window error logs and events. Exceptions provided for most software related to possible improper actions of the user or the system error and the corresponding dialogs messages to them.

Was designed and developed software - an automated control system for the sale of goods and dealership ИП " Волков А.М ", which has the following features:

- Input and adjustment of the sales order
- Enter attire for mechanics;
- Entry of goods sold;
- View the data on the balance of goods and fulfill customer orders;

Developed software has the goal - getting efficiency workplace automation products accounting and quality control of customer service. Were obtained skills development and the creation of a database such as the "1С: Предприятие.", as well as experience with object-oriented visual programming environment in 1С:Предприятие.

Database, no doubt, has a leading position in the field of information technology, and development of systems for controlling these processes is the way to integrate into a single unit, and a huge step in this direction is the use of workstations 1С:Предприятие.

When accounting automation is important not just to translate paperwork on the computer. It is important that this increased efficiency and improved accounting control over financial and economic activity of the enterprise, which in turn will increase the efficiency of enterprise management, and as a result, the effectiveness of its work.

Selecting a system "1С: Предприятие" to create workstation is not random, because it is a powerful universal system of the new generation. Configurability as a main feature of the system allows you to customize the application subsystem for automated accounting for almost any area of accounting. The

delivery system with the component "Accounting" is the so-called typical configuration, which is ready to automate the setting in those areas, which are present in any commercial organization ("Касса", "Банк", "Учет внеоборотных активов", "Продажи", "Расчеты" etc.).

Thus, to review the literature, the concerning topic was clearly formed aim at comparatively Mr. analysis accounting systems to configure a system to select "1С:Предприятие." Certainly this is the choice of the most appropriate.

## **2. The study off-budget pension fund**

In accordance with resolution of the Cabinet Minister at President Uzbek SSR from January 14 1991 9 were organized Uzbek republican branch of the Pension fund USSR.

In purpose of the realization state warranty in system of the social security and increasing of the checking for correct and efficient spending the facilities of the social insurance according to resolution of the Cabinet Minister and Advice to Federations trade union Republics Uzbekistan from August 4 1993 391 on the base of the Uzbek republican branch of the Pension fund former USSR is formed Fund of the social insurance at Cabinet Minister Republics Uzbekistan, having sent him from system of the Advice to Federations trade union Uzbekistan facility of the state social insurance, directed on payment allowance on time disability, on pregnancy and sort, at birth child and on burial.

In purpose of the further improvement of the system of social protection of the population, increasing to responsibility organ social security for fullness of the arrival of the obligatory dues for pension provision and well-timed financing the costs on payment pension and allowance on state social insurance in accordance with resolution Cabinet Minister of the Republic Uzbekistan from December 27 1996 459 on the basis of the Fund of the social insurance at

Cabinet Minister Republics Uzbekistan is formed Pension fund at Ministry of the social security of the Republic Uzbekistan with corresponding to territorial branches and division at Ministry of the social security of the Republic Karakalpakstan and local organ of the social security.

In purpose of the improvement of the structure of control in system of the pension provision and increasing to efficiency of the draft on fund, directed on payment pension and allowance according to resolution of the Cabinet Minister Republics Uzbekistan from November 15 2000 444 Pension fund at Ministry of the social security of the Republic Uzbekistan with 1 January 2001 is transformed in off-budget Pension fund of the Republic Uzbekistan. When ensuring the well-timed adding and payments pension, as well as allowance and financing the costs on payment pension, allowance on state social insurance was entrusted on Ministry of the labor and social protection of the population of the Republic Uzbekistan.

According to decision Government Republics Uzbekistan from 21.10.2004 490 with 1 January 2005 off-budget Pension fund of the Republic Uzbekistan is transformed in off-budget Pension fund at Ministry of finance of the Republic Uzbekistan.

In accordance with Law of the Republic Uzbekistan "About state pension ensuring the people" and in purpose of the further improvement of the organizing structure of the system of the pension provision, well-timed financing and realization on all amounts payments pension and social allowance from off-budget of the Pension fund at Ministry of finance of the Republic Uzbekistan, as well as reinforcements of the checking for target draft on fund, directed on pension ensuring the people of the republic, Edict of the President of the Republic Uzbekistan from December 30 2009 UP-4161.

With 1 January 2010 purpose, financing, account and monitoring the payment pension, as well as social allowance, compensation and the other payments are realized corresponding to territorial subdivisions of the Pension

fund. Herewith territorial subdivisions off-budget Pension fund at Ministry of finance of the Republic Uzbekistan were formed to account of the transmission function and corresponding to structures, logging Ministry of the labor and social protection of the population responsible for the whole complex of the questions of the pension provision and medical-labor expert operation of the people.

### **3. Object and methods of the undertaking the predesigned studies**

Within the framework of subject dissertation functioning object examinations are:

- " Division «Accounting and report» off-budget of the Pension fund;"
- Adding the salary;
- "Calculation "Module of the regress" (recovery wrong paid to pensions or allowances).

The study of the structure and operation off-budget Pension fund was produced on the ground of fund document analysis and questioning employee.

The main purpose of the execution the predesigned studies off-budget Pension fund are:

- discovery main parameter application domain in accordance with automation of the functioning(working) the accounting division;
- the determination of the conditions, in which will function the designed desk side.

#### **4. The results the predesigned studies and their analysis**

Full name Pension fund in Russian language: Off-budget Pension fund at ministry of the financing Ferghana area (here in after off-budget Pension fund). The marginal branches on area directly comply with the Pension fund.

In accordance with charter by subject to activity off-budget Pension fund are:

- Adding the salary employee;
- Adding pension, social allowance, compensation and other payments;
- The calculation "Module of the regress";
- Checking to activity of the marginal branches on area;
- Shaping monthly, quarterly, annual reporting concerning activity of the Pension fund and etc.

#### **5. Problem-solving situations, appearing when functioning (working) the division "Accounting and report"**

Earlier in division «Accounting and report» fund possibility program Excel used for adding the salary employee book-keeping (was computed by means of formation mathematical molded), moreover for performing given functioning on the strength of that that database very enormous necessary was several "human hand"! That herewith existed some inaccuracy (wrong adding the salary), certainly inflicting full and efficient operating the division.

Besides at calculation "Module of the regress" (wrong accrued pension or allowances ) necessary was manually enter and add the enforced amount.

However shaping such expense and receipt document as:

- " Платежное поручение"
- "Платежное требование"

- " Платежное требование - поручение "
- "Приходный ордер "
- "Расходный ордер"

and other accounting document was realized manually. Herewith on sample and from database and given manual stale functioning necessary was spend approximately 45% uptime (certainly did not dispense with error).

## **6. Reasons and trend to automations of the account on enterprise**

*The reasons.* Accounting is the most complex and labour-consuming process of the account so use computer technology when information handling simply necessary. The modern information systems are intended for increasing of efficiency of the functioning (working) the enterprise.

*The automation accounting* - a process, under which as a result of translation to book-keepings efficiency increases on computer and improves the quality of conduct accounting on enterprise.

Select the following reasons of the transition to automated accounting information system:

- a relief of the functioning when processing document, reduction to labour content
- a reduction error
- a relief of the process of preparing the balance
- increasing to efficiency and validity of the account
- increasing оперативности

*The trend.* At the beginning initially 90-h AIS presented itself simple programs, look like complex calculator, with function not only adding and subtractions, but also output of the balance, simply assistant accountant. In medium 90-h scales to activity many enterprises grow up, appeared need for

adjustment management and operative account. Today automation of the account powerfully increases the possibility of the accountant. The more scale task becomes by means of facilities of the automations accounting since can be used when taking the operative decisions in real mode of time.

The developments on automations of the accounting are on three directions:

1. The automation separate area accounting (so named "the piecewise" or "patchwork" automation);

2. The complex automation to financial and economic activity small enterprise;

3. Making the corporative information systems for complex automation of the major concerns;

The main idea of the development of software for present-day day - a decision not only directly accounting tasks, but also analysis, planning to activity of the enterprise, realization of the operative account. This occurs by reason of orientation of the present-day systems on workman of the book-keepings not only, but as well as on workman of the storehouse, managers and leaders. Moreover advantage is returned program product, which allow to automate the integer a direction to activity of the company.

Thereby, at present trend was marked to development of the complex systems, providing aside from traditional outwardly oriented accounting enabling the developed subsystems operative-economic and management account.<sup>10</sup>

## **7. The automated worker place accountant**

The central section automated information systems of the accounting are automated worker of the place (AWP) workman to book-keepings and account

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<sup>10</sup> Авроров В.П. 1С: Бухгалтерия 7.7. Шаг за шагом. – М.: Триумф, 2006.

workman of the low subdivisions of the enterprise - a places of the origin to source information.

**The automatic worker place accountant (AWP accountant)** - a worker place accountant, equipped by personal computer, software and collection information resource individual or collective use, which allow him to lead data processing to achieve to information, providing support taken by him decisions when performing professional function.

The book-keeping equipped by collection AWP workman of this service, becomes the automatic book-keeping. In her much of the stale work on conversion of information is executed by computer. Together with that accountant can actively sail in process of the decision of the tasks data processing, by itself forming information, allowing take the motivated decisions. The computer becomes the everyday instrument of the labor of the account workman, organic inserting in technology of his (its) functioning. At accent is carried with formally-logical aspect information handling on process decision making. Such technology shortens the flow of the paper carriers, reduces labor content of the executable functioning, raises the professional level a workman and comfortable conditions of their functioning. Either as under manual technology of the organizations of the account functioning, accountant carries get fat personal responsibility for the whole account process, but, continuing execute the traditional functions, he emerges and in functions of the operator PC, become the direct participant of the process automated information handling.<sup>11</sup>

1. The computers allow to solve and problem to automations documenting economic operation on base of the creation AWP services primary (operative) of the account. AWP workman of the primary account provides the automation to registrations all type to source information, her (its) accumulation and

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<sup>11</sup> Каширина Ирина: «Автоматизированное рабочее место бухгалтера», Издательство: ФЕНИКС, ТОРГОВЫЙ ДОМ, 2004 г., 288 стр.

transmission in book-keeping in the form document on machine carrier. AWP accountant aside from personal computer includes four main components:

- complex of the programs for processing of account information;
- training system (hypertext system to documentation for user; the integrated system of the helps; the system bookmark, pointers and references; the system example, system of the checking and finding error);
- service facilities of the adjustment AWP (the algorithm payment, accounting and technological parameter, device - a printer, modem, scanner, ergonomic of the screen forms and etc) and AWP (the qualifiers, generator report forms, manager database, toolbox of the acceptance/data communication on channel relationship, copings and safety data, Monitoring - a checking for functioning(working) the concrete users, watch, calculator);
- methodical and legal support AWP.

AWP in book-keepings can function autonomous or in composition of the computer network. Under autonomous state of working AWP for decision of the separate functional tasks and cannot operative to use whole information basis of the economic object, but exchange by information between different AWP is executed by means of machine carriers. Functioning on the basis of the computer networks allows to organize exchange given between AWP on channel relationship, unite the information space of the object of control and organize the access to him any workman within his(its) authority. Each AWP is considered as independent subsystem, but together they form the united integer. At chief accountant has a possibility to manage the process of the decision of the functional tasks and integrate the results of the functioning separate accountant, operative getting generalized information for scheduling the consolidated reports and decision making. In ditto time, is saved possibility of the autonomous functioning each of accountant.

## **8. The requirements, purpose and purposes of the creation to desksides**

*Requirement to desksides as a whole.* The under development desk side must meet the requirements reliability and wholeness data that is to say must be checked on correctness and consistency data, introduced by user.

The desk side must not only provide the efficient decision of the planned tasks, but also be a suitable user with standpoint of the designing the user interface.

The requirements to function (the task), executed desk side:

1. must provide conduct of the basis client.
2. must support shaping, viewing and print following document (the reports):

- Платежное поручение
- Платежное требование
- Платежное требование
- Расходный ордер
- Кассовый ордер

3. *The development to desk sides* must contain the reference books, Лицевые счета, money document, contractor, topple, nomenclature, units, employee, list of the fixed assets.

*The requirements to type of the provision.* The under development desk side does not present the additional requirements to program, technical, linguistically, information and methodical provision.

*The purpose to desk sides* - an automation of the division document creation on work with client.

*The purposes of the creation to desk sides.* As a result of introduction designed desk sides is expected reduce labor costs accountant with 165 before 13 hours.<sup>12</sup>

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<sup>12</sup> Бабаев Ю.А. Бухгалтерский учет: Учебник для вузов.- М.: ЮНИТИ-ДАНА, 2006.

## **Conclusions on chapter I**

1. The principal activities off-budget Pension fund are: adding the salary employee, adding pension, social allowance, compensation and the other payments, calculation "Module of the regress", checking to activity of the marginal branches on area, shaping monthly, quarterly, annual reporting concerning activity off-budget Pension fund.

2. As a result of studies off-budget Pension fund was revealed problems of conduct manually such document and reports as Платежное поручение and requirement, receipt and cash warrant, as well as manual adding the salary.

3. For eliminating problem-solving situation necessary to develop the desk side automated worker place including documents, used by accountant, allowing raise efficiency to activity of the division and spare his (its) uptime.

## **II CHAPTER. CHOICE OF THE AMBIENCE TO AUTOMATIONS FOR DEVELOPMENT AND CREATION OF APPLICATION**

### **1. Accounting IS, purposes of the use and place in managerial system enterprise**

Account of the financial condition and analysis speakers developments of the enterprise, basing on account information, in persisting time are a base of the process of control. In purpose of the reception to information required for governing production and economic activity, enterprise on the basis modern information technology creates the system of the automatic processing to account information. Modern information technologies allow unifying and greatly relieving the labor-consuming process of the shaping to account information, provide operative receptions to financial reporting of the enterprise for decision making. In this connection AIS is considered as essential instrument of enterprise activity control in condition market. Such system serves the connecting-links between economic activity and people, coming to a conclusion. In she is realized collection, data logging about economic activity on enterprise in primary document, their processing, accumulation, shaping financial-economic factors of the reports, transmission to information user for analysis and decision making. Thereby, given about economic activity are an input in AIS, but useful information for persons, coming to a conclusion, - an output from it.

The main purpose of the operation AIS on enterprise - provide manual of the enterprise by financial information for taking the motivated decisions at choice alternative variant use limited resource.

#### *Structure AIS*

2 Parts select in AIS: providing part IS and functional.

1. *The providing part IS.* The data ware aims the organization to information required for realization of management activity and sub devices on outside of machine and inwardly machine data ware.

The hewer presents itself collection used technical facilities, computing networks, technology network data processing. The structure of the subsystem form: technical facilities of the collection and registrations to information, facility of preparation and data communication, facility of the entering, processing and output to information, facility of the organizational technology and others; methodical and managing material; technical documentation, operating personnel.<sup>13</sup>

Software presents itself collection of the programs, realizing purposes and tasks of the system and providing operating the complex of the technical facilities. The structure of the subsystem form: all-system, special applied and original programs and instruction-methodical material upon their using.

Linguistically provision presents itself collection of the language facilities, intended for formalization of the natural language, buildings and combinations of the information units at contact of the personnel of the computing system with facility of the computing machinery. The structure of the subsystem form: languages of control and manipulation given information basis, language facilities information-search systems, dialogue languages of the special purpose, term and determination systems, used in process of the development and operating the systems.

Legal provision presents itself collection of the legal rates, specifying legal relations, appearing when operating IS and legal status result her (its) operation. The structure of the subsystem form the different normative acts, connected with contractual relations of the developer and the customer of the system, legal regulation of the processes, appearing in the course of system development.

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<sup>13</sup> Балабайченко Е.Е., Муштоватый И.Ф.: «Компьютер для бухгалтера»; –Феникс. –2005 г. –320 с.

Software includes the collection of the mathematical methods, models and algorithm information handling. The structure of the subsystem form: facility of software, similar of the processes of control, standard tasks of control, methods of the mathematical programming, methods of the mathematical statistics and others organizing provision comprises of itself collection document, methods and facilities, specifying interaction of the personnel of the system and technical facilities, used in process data processing. The functions of the subsystem: analysis existing managerial system, choice of the directions of the improvement managerial system, choice and stating the tasks of control, wording of the requirements to complex of the technical facilities.

Ergonomic provision - a collection of the methods and facilities, used on miscellaneous stage development and operating the automatic system and intended for making the optimum conditions of the functioning (working) the personnel.

2. *The functional part IS.* The functional components form the profound base IS and present itself collection of the functional systems, complex of the tasks and procedures of the processing, realizing functions managerial system. In function aspect AIS must provide: execution necessary payment; preparation, filling, check and printout document; carrying given from one отчетной of the form in another; the accumulation total, address to data past period.

The account pertains to complex of the tasks AIS: labor and salaries, material valuables, the fixed assets, finished products, financial-accounting operation, expresses on production, as well as consolidated account and formation to reporting.

The automation of the execution separate function control requires their dismemberments on more small parts - a functional tasks, for decision which are developed algorithms and are written program.

### ***Requirements to AIS***

In function aspect AIS must:

- faultless produce the arithmetical payments;
- provide preparation, filling, check and printout primary and report free form document;
- realize faultless carrying given from one printed form in another;
- produce the accumulation a total and calculus of the percent free degree to difficulties;
- provide address to data and report for past periods (lead the archive).
- ***a simplicity*** of the use (friendship user interface)
- ***a fullness*** and level to automations function in software means that separate accounting functions, must be marketed practically in any package
- ***configurability*** package - availability of means (fund) of the adjustment on new factors
- ***flexibility***, openness and systematization. Means possibility of the accompaniment in it new data, herewith not bringing changes to structure and expects conduct accountant on all his (its) stages
- ***versatility*** of the system permits account of the particularities accountant on enterprise of the different branches facilities
- system ***reliability*** characterizes her (its) resistance to wrong command of the user, failure of the technical facilities and possibility of the quick reconstruction data

To provide the specified possibility, system must have an united database on the current condition of the accounting on enterprise and archive material, any information from which can be are easy received on request of the user. Depending on particularities of the account on enterprise database can once have a personal structure, but in obligatory order must correspond to the structure of the accepted plan count, assigning main parameters of the adjusting the system on concrete account activity. The modules of the system, providing undertaking

payment, summation total and adding the percent, must use the accounting standards, which are accepted at the current time.<sup>14</sup>

System reliability in computer plan means her (it) from casual malfunctions and from willful damage data in some cases. As is well known, modern personal computers are it is enough opened so it is impossible realistically guarantee protection on physical level purely. It is important to after malfunction destroyed database possible was easy restore, but functioning (working) the system to renew at the most short periods. The good accounting systems answer this requirements.

*The tasks AIS:*

- an ensuring the automatic decision of the whole complex of the tasks of the accounting, planning, analysis to financial and economic activity, internal audit;
- a reception to reliable operative information on the current state of affairs on enterprise for taking on her(its) base of the necessary management decisions;
- an integration operative, accounting, statistical account on base of the united source information;
- a reception to reliable information for feedback, used when taking the management decisions;
- an automation of the processing on all stages technical process, as from stage of the primary account.

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<sup>14</sup> Белов А.А., Белов А.Н. Бухгалтерский учет. Теория и практика: Учебник. – М.: Изд-во Эксмо, 2007г.

## ***Particularities to accounting information: requirements, features and users***

The base AIS forms *information* - a collection quantitative data required for performing function planning, checking, analysis and being central to taking the management decisions.

### ***Requirements presented to accounting information***

That accounting information it is enough was uniquely perceived and was understood one, participated in her (its) preparation on enterprise, and one, uses her (it) outside of enterprises, she must satisfy the certain requirements.

*First*, accounting information must meet the requirements comparisons and constancy. That is, it is impossible for account period to use the form miscellaneous and methods of the accounting. In this case disappears the possibility of the comparison data. However this does not mean that outdated or unhappily chosen method of the accounting must be used Инфин long. For change the used form of the account must be a deep basis. Such change can occur in that event if they are combined with beginning of the new account period (the year).

*Secondly*, accounting information must be essential. Does not follow to lose time for account small factor. That is, if efforts on account comparable to cost of the taken into account facilities, that account necessary to simplify. Each enterprise chooses its level importance account. So, depending on that, what importance is added object of the account, in one event he can be referred to the fixed assets, but in the other - to materially-production spare and is immediately written off on expenses.

*Thirstly*, accounting information must be conservative. Since reflection fact to economic activity in accounting not always is unambiguous, necessary to choose the estimation, which more sanguine. This means that follows to reckon for absence of the profit and take into account the eventual losses. Given

particularity provides caution in estimation asset, property and in determination of the value of the profit.

*Fourth*, accounting information must be full, contain the maximum that that necessary user.

4 Main features select in world practical person to accounting information, which must be provided acting system of the accounting:

**1. *relevance***: information must promote decision making that is, have predictive value, characteristic to feedback, timeliness

**2. *reliability*** - a characteristic to information, expecting her(its) sufficient liberty from error and partialities:

- ***representativeness*** - presence feed forward between phenomena and his (its) estimation

- ***a neutrality*** - on estimation of the phenomena does not render influence that, what integer wants to obtain user/expert, conducting estimation

- ***checkability*** - means that different experts, conducting collection and information handling will add to one and same result.

**3. *comparability*** - a characteristic of the form of the presentation to information, which raises her(its) usefulness to account of the possibility of her(its) comparison with similar factor or data. Limiting form - an uniformity

**4. *sequence*** - a constancy in using of any account principle and way of the account after his(its) acceptance in respect of concrete object of the users:

1. The internal user to accounting information are:

- an administration (board of directors, managers, serving),
- an owners

2. The external user to accounting information are:

- an users with direct financial interest (persisting investors, potential investors, crediting banks),

- an users with indirect financial interest (financial organs, tax organs, servicing banks, other governmental organs, trade unions, insurance companies, customers),

- an users without financial interest (organs of the statistics, arbitration, auditor companies)

The internal users use account information for the reason control organization. The external users, studying given (public) information accounting (financial) of the account (financial reporting), produces the estimation of the financial condition and financial standing organization depending on financial interest.<sup>15</sup>

The taxonomic signs AIS select the following taxonomic signs an AIS:

1. Depending on enterprise production scale:

- An AIS of the small enterprise,
- An AIS of the average enterprise,
- An AIS of the major concern

2. Depending on degree of the incidence function to book-keepings:

- a mini book-keeping,
- an integrated systems,
- a complex accounting systems

3. Depending on level of the automations whole managerial system enterprises:

- a simple book-keeping,
- a subsystem "accounting" in complex system of the automations

4. Depending on architectures of the hardware:

- local AWP,
- AN AIS of the network architecture and information handling

5. Depending on principle of the building:

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<sup>15</sup> Богатая И.Н., Хахонова Н.Н. Бухгалтерский учет. Серия «Высшее образование». 2-е изд., доп. и перераб. - Ростов н/Д: «Феникс», 2006. - 608с.

- AIS on base united program kernel
- a complexes AWP

6. Depending on technologies of the introduction:

- AIS on base parametric algorithmizations
- An AIS on base direct algorithmizations

The AIS small and average enterprise. When making AIS on small enterprise use PC allows to automate all procedures on information handling on worker place accountant.

Exists several approaches to automations of the accounting when making such AIS. This is connected with that that small enterprises with idle time and under developed structure do not require conduct of the management account as separate subsystem.

The system under the first approach, automating only financial account. Such AIS refer to class mini-book-keeping. As a rule, accounting in this system to lead one person - an accountant.

At second approach except financial account is partly automated management account. In this case accounting lead two persons (the accountant and his (its) assistant): or on one worker place by delimitations of the access, or on two workers places.

The automation financial and management account are reached at the one third approach. In such system under significant volume of processed information is entered multi user mode. Several computers unite in local-area network, but each of computer is considered as separate worker place accountant.

The choice of the approach depend on type of the enterprise and his (its) amounts.

Unlike large on small enterprise main attention is spared conduct of the financial account, which on labor content and value occupies the main a place. He is directed on generalization and syntheses to account information. Conduct

account on separate area, for instance, such, as account of the labor and salary, account to finished products and her(its) realization, account of the fixed assets and non-material asset, account of material valuables, consolidated account and others, is realized by means of using the separate program modules (the block).<sup>16</sup>

The AIS of the major concern must provide execution following function:

- automated decision of the whole complex of the tasks of the accounting, planning, analysis to financial and economic activity of the enterprise, as well as internal audit;

- a reception operative, constantly changing information on the current state of affairs on enterprise. The main accent herewith must be made on reception of the operative analytical reports and summery on use embedded financial resource;

- a possibility of consolidated control and receptions of the consolidated financial statements. The major concerns can have branches or removed syllables. Besides, finance of such enterprise can belong to the group an owner. So actual is presence in such system removed worker of the places with possibility to realize exchange given for operative control from the centre.

The categorization AIS on principle of the building on principle of the building AIS possible to divide into the following classes:

- An AIS on base united program kernel
- a complexes AWP

Example AIS on base united program kernel can be 1C: Book-keeping

The complexes accounting automated worker of the places (AWP) are oriented on book-keepings average and major concerns, where functions between accountant are clearly divided. In such complexes enter separate AWP on area of the account (the fixed assets, salary, goods-material value and t. p.).

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<sup>16</sup>Брага В.В. «Компьютеризация бухгалтерского учета: Учебное пособие для вузов / ВЗФЭИ», М.: Финстатинформ, 2007. – 95 с.

The user can gain only the most interesting his (its) components, but on measure of need buy in addition and other modules. Here no united model of the presentation given: on each AWP marketed specific functions of the processing primary document and issues report forms. The systems of this type most packed reflect specifics of the document processing to big book-keeping.

Some systems given type comprise of itself, except purely accounting AWP, else and AWP paperwork, manual, account of the personnel (frames) that does their very look like corporative systems, but smaller cost.

Data with separate AWP are transferred on AWP consolidated account on network.

The program complex "БЭСТ" is oriented on small businesses (not more than 3-5 users) and provides conduct operative, accounting and management account. The structured block "БЭСТ" are a planning, operative and accounting and information-analytical system, representing information for governing enterprise (the decision making) and analysis of the economic processes. Thereby, whole cycle of control enterprise is covered in this complex.

Within the framework of management account in complex "БЭСТ" marketed functions financial and operative planning, supervision the performance plan, as well as analysis planned and actual data, System "БЭСТ" consists of several functional subsystems:

- a bulk purchase
- a spares
- a sale
- a finance
- a personnel
- a payments on obligations
- a book-keeping
- a tax
- financial and operative planning

- a supervision and analysis

Accounting in system "БЭСТ" conduct on the ground of primary document, registered under operative account. Wiring are on the document possible to form two ways - or automatically, with using the mechanism standard operation, or manually. In program is supported layered synthetic and analytical account and are formed internal, external and tax reports.

The categorization AIS on technologies of the introduction on technologies of the introduction AIS possible to divide into the following classes:

- An AIS on base parametric algorithmizations
- An AIS on base direct algorithmizations

The AIS on base parametric algorithmizations. In data AIS user can not change nothing, by itself describe the accounting algorithms, models of the entering document, rules of the building of the reports on special ВХОДНОМ language. Single that can user - install the parameters (for instance, choice of the parameter: add the amortization or no).

Hereto, the class of the systems refer "БЭСТ"

The AIS on base direct algorithmizations. In data AIS user can by itself describe the accounting algorithms, models of the entering document, rules of the building of the reports on special ВХОДНОМ language. Is it herewith reached adapting the system for concrete necessities of the enterprise and significant independence from developer.

The relative defect of the instrumental systems possible to acknowledge:

- a high price
- need skill programming beside accountant though programming on ВХОДНОМ language such systems greatly more simply, than on universal programming language.

Hereto, the class of the systems pertain "1С: Бухгалтерия", "Инфо-бухгалтер", "Турбо -Бухгалтер", "Компьютер -Сервис" and etc.<sup>17</sup>

### ***Effective automation***

In order to effectively carry out the automation, it should, first and foremost, a good understanding of what is an automated accounting. Should realize that implemented accounting program is effective only when the consequence of the introduction is to increase efficiency and improve the quality of accounting at the enterprise. This can be expressed as:

1. Streamlining accounting. If the paper accounting for any information, such as specific sampling speed under subaccount account, take a few hours, then pressed the computer and print sample.

2. Increase amount of information derived from accounting.

3. Decrease number of accounting errors. This is a very important factor when considering the value of fines and penalties for concealment of taxable value, the cause of which usually are just accounting errors.

4. Increase accounting efficiency. Whereas before, when the paper accounting, accountant did not keep the primary documentation and wiring done late, and quarterly and annual reports give up at the last moment, but now it has stopped.

5. Increase economy accounting. Our experience shows that in many cases, changing the applicable enterprise plan and sample correspondence accounts, forms of primary documents and other "subject" of accounting options can be risky without the use of various schemes to reduce the taxable value, or at least move the time and reduce the rate of tax payments.

Other factors, which depend on the specifics of each particular company.

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<sup>17</sup>Брага В.В., Левкин А.Л.: «Компьютерные технологии в бухгалтерском учете на базе автоматизированных систем: Практикум.», М.: Финстатинформ, 2006. –220 с.

Thus, we can say that the automation of accounting is the process by which a result of the transfer to the computer accounting increases efficiency and improves the quality of accounting in the enterprise. So before you decide to automate accounting should be emphasized that automation and how this should improve in the accounts, it will be the purpose of automation.

Only when the defined goals of automation, its scope and the order made formulation of the problem is selected and purchased for optimal enterprise software and resolved technical issues can begin to actually work with the program. Quality implementation of the program, the process is very time-consuming and complex, and costs are usually much higher than the cost of purchasing software and computers, and share the costs of implementing the greater the larger the enterprise, since the more nuances and features more work is necessary to configure all these nuances and peculiarities.

## **2. Wide-spread automated accounting programs data processing**

System " 1С:Предприятие" can be adapted to any particularity of the account on concrete enterprise at module " 1С:Конфигуратор", allowing adjust all main elements of the program ambience, generate and edit the documents with any structure, change their screen and printed forms, form the journals for work with the document with possibility their free distribution on journal.

*"АУБИ"*-registered name of the integrated program system "Automations of the accounting small, average and greater enterprise".

*"АУБИ"* can be is to advantage used for automation of the accounting enterprise different sort to activity. The program complex represents the alike interest as for trade (commercial) of the structures, so and for production enterprise. The flexible system of the program allows to adjust *"АУБИ"* on necessities of the concrete user. At accountant of each enterprise, coming from their own needs, has a possibility to form the plan a count; the information

reference books, containing names enterprise-partner and their bank requisitions; the list materially responsible persons and etc.

"АУБИ" can be delivered in different completing. At will user in kit of the supply can be enclosed or withdraw different elements of the program.

**Супер-менеджер** - the multi-currency system, intended for automation of the accounting on enterprise of the complex structure of the different property categories. The system of the accounting allows to handle the following operation: analytical and synthetic account automatic account rate difference adduction account given to any national currency conduct journal-warrant, the main of the book and balance in any currency and is reduced on equivalent flexible plan count, taking into account all individual particularities shaping complex wiring consolidation given different organization and branch.

**Инфо-бухгалтер.** Any time possible make: balance with all applications circulating bordereau main book to bordereau's of the analytical account on count journals warrant and bordereau's to him, chess, varied bordereau's and references analysis to financial activity with building schedule and diagrams.

**Фолио.** Conduct of the accounting of any number enterprise on one computer with possibility of the reception of the consolidated form several enterprises. The detailed financial analysis to activity organization on which conduct the book-keeping an account moving the bankrolls in speaker financial balance for leader and report about profit and loss on month and year to analytical factors currency salary storehouse system of the forecasting of the optimum price of the sale to parties of goods possibility to generations of the new forms to reporting built-in layered tables.

**Инфин** - a book-keeping. The thought-outed structure of the program and accustomed accountant design full automation of the account before five levels of the analytical account minimum changes to adjusting the program under specifics exactly your enterprises accounting for several enterprises on one worker place tenability on any change legislation possibility of conduct to

double entry book-keeping possibility work with any currency password protection conservation given for any number of years.

**БЭСТ.** The discriminating devil on "БЭСТ" versions 3.1 is an orientation on complex automation enterprise to wholesale business. This product can function both in local, and сетевом variant. Structured system "БЭСТ" it is executed in the manner of set of the interconnected program modules: adjustment and system utilities; conduct Main books; the account cash operation; the account operation with bank; the account of the fixed assets; the account production spare; the account goods and finished products; control sale (the realization); the salary.

**Аккорд.** The system "Аккорд" represents itself complex of the programs, automating different services of the enterprise. In one information ambience can work the personnel department, planned services, book-keeping, services of control bulk purchase and sale, division of the labor and salary. The system is designed by means of instrumental ambience "Атлантис" company "Атлант - Информ."

When undertaking the automations cost (stand)s the alternative of the choice between program product, proposed on the market information technology. At analysis existing systems necessary to take into account the particularities to organizations to activity of the division "Accounting and report", as well as consider the row a factor (for instance, simplicity of the use and introduction, cost, realization executed function and etc.).<sup>18</sup>

The criteria, which must satisfy the certain standard accounting program for use her(it) in modern term:

- the fullness of the incidence different area account;

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<sup>18</sup> Брынкова Н.В. «Автоматизация бухгалтерского учета в программе 1С: Бухгалтерия»:изд.центр «Академия». – 2008. –80 с.

- the advantages and advantage from use the program not more, than expenses, connected with her(its) study, introduction and following accompaniment;
- the fair supply to flexibility, for reflection constantly changing internal and external factor;
- the ability to execute the functions of the internal supervision required for protection and provision to safety given in system;
- adaptability for conduct of the account on international standard.

Amongst several groups of ten existing accounting package of such companies-producers, as "Инфин", "1С", "Парус", "Интеллект -Сервис", "Инфософт", "Галактика" and many other no nor one program product, answering all said criteria, however beside each possible note certain value, due to which she approaches the enterprise.

The analysis value package "Инфин":

- a simplicity of the work with package;
- lightness of the learning the personnel to work with package;
- small hardware and program requirements;
- does not require no complex and long-lasting adjustment;
- does not require the specialist for installing and initial adjusting the package, all this can do accountant itself;
- a package although and runs under outdated OS MS-DOS, however can work and in OS Windows in mode of the emulations MS-DOS;
- also broadly support the official dealer and wide-spread;
- shall broadly use on enterprise and organization having get old technology.

The defect:

- is a hard system, bad adjusted under non-standard events of the using;
- runs under outdated OS MS-DOS, more wide-spread, than Windows;

- a package do not develop on place of the using, requires for this supports developer;

- works in graphic mode that on some computer is reflected in velocities of the functioning;

- less than wide-spread for accounting within our state;

- has not an internal language that does not give the possibility reconfigure package as required.

Value " 1С:Предприятие":

- is very flexible system for functioning (working) in ambience book-keeping, personnel (frames), salary and etc;

- has a tenability of the system under any accountant practically, chief of the department, manager etc.;

- has a tenability of the system under any enterprise, organization, including budgetary;

- has an internal language that greatly distinguishes her (it) from the other package to aside flexibility and adjusted under any user practically;

- runs under OS Windows (the most wide-spread on given moment) that greatly increases applicability of this package;

- installed and adjusted system practically does not require the достройки and additions her(its) module developer i.e. is not hung from it and long-lasting time can exist to be separate from developer by unit;

- prevalence and develop supports of the user of the system.

The defect:

- a system complex, for learning the work with her accountant necessary long-lasting time;

- occupies the commanding volume disc space and memories i.e. has much determined hardware and program requirements;

- an ordinary accountant much in a complicated way originally adjust or retarget the system in view of her(its) difficulties;

- for adjusting of the system in most cases necessary specialist;
- an internal language of the system although and forgive; pardon, but for mastering his(its) is required long-lasting time.<sup>19</sup>

### **3. The motivation of the choice of the ambience to realization of application**

At present broad development has got the systems to automations enterprise, concerning with different type of the account. An integral part of the information facilities of the enterprise are for major concerns computer systems accounting so information technologies of the computer systems of the accounting are dictated information facility of the enterprise.

Today exists the large number of varied software programs to automations of the accounting: from facilities of the automations of the local task of the accounting before functional of the computer systems of the accounting in composition of the information facilities of the enterprise. Itself, the accounting consists of ensemble stale operation, in accordance with frequentative execution one and same arithmetical action on data, preparation various report and payment document, carrying given from one document in others. Naturally that automation of the accounting is first at a walk to building of the complex system of the data ware to whole activity of the enterprise.

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<sup>19</sup> Булгакова С.В. 6 «Модели учёта основных хозяйственных процессов: Учебное пособие». –Воронеж: Изд-во ВГУ, 2006. –20 с.

Table 2.1.

## Rating companies of the accounting programs

<b>Place</b>	<b>Company name</b>	<b>Rating</b>
<b>1</b>	<b>1С: Предприятие</b>	<b>91</b>
<b>2</b>	<b>Интеллект-Сервис</b>	<b>78</b>
<b>3</b>	<b>Парус</b>	<b>77</b>
<b>4</b>	<b>Галактика</b>	<b>75</b>
<b>5</b>	<b>Диасофт</b>	<b>72</b>
<b>6</b>	<b>R-STYLE SOFTWARE LAB</b>	<b>70</b>
<b>7</b>	<b>COGNITIVE TECHNOLOGIES LTD</b>	<b>66</b>
<b>8</b>	<b>Инфин</b>	<b>63</b>
<b>9</b>	<b>Инфософт</b>	<b>60</b>
<b>10</b>	<b>Омега</b>	<b>58</b>

The most wide-spread in our term is a program product 1С: Предприятие: beside 80% all users of the accounting programs prefer the products of the company "1С", rest share form other like systems. The undoubted leader amongst developer is a company 1С.<sup>20</sup>

#### **4. The total information about "1С:Предприятие7.7"**

1С:Предприятие is a system of the programs for automation of the different areas to economic activity. In concrete program product, log inning programs 1С: Предприятие, are included that functions and possibility, which answer the purpose of this product.

All forming systems of the programs 1С:Предприятие possible to divide into technological platform and desk sides. The technological platform represents itself set different mechanism, used for automation of economic activity and not hanging from concrete legislation and methodologies of the

<sup>20</sup> Kholmurzaev A.A. Khasanova M. Yu. The motivation of the choice of the ambience to realization of application, "Ўзбекистон Республикаси Мустақиллигининг йигирма уч йиллига бағишланган профессор - ўқитувчилар" илмий - амалий анжумани. 2014 йил

account. The desk sides are strictly applied decisions. Each desk side is oriented on automation of the certain sphere to economic activity and, of course, answers accepted legislation.

Managerial system enterprise 1С:Предприятие represents itself complex system, comprising of itself row of the subsystems such as, "1С: Бухгалтерия ", "1С: Оперативный учет " and others.

The various versions of the products of the system of the programs 1С: Предприятие can be used in organization with different volume of information, different amount of the users of the automatic system and different intensity of the functioning (working) the users. One of users versions of the programs provide the work with information basis only one user (at one moment of time). Single-user versions are used on small enterprise basically.

The network versions allow to work with one information basis simultaneously several users. The network versions are used then, when necessary to with automated by system worked simultaneously several employees. Exist to versions, allowing functioning (working) the limited number of the users, and without restriction of the number of the users.

The base versions of the programs of the system 1С: Предприятие is calculated on functioning of one user and, unlike the other version, do not include the facility for configuration change. They are used for conduct it is enough simple account, not requiring adjustment on particularities of the concrete organization.

## **5. The notion to desk sides in system of the programs**

### **1С:Предприятие7.7**

Operating the system is divided on two processes –configuration (the description to models of the application domain system facility) and performance (data processing the application domain).

The result configurations is a desk side, which represents itself model of the application domain.

The desk side in system 1С:Предприятие is identified the collection three interconnected component parts:

- Structures metadata
- Set user interface
- Set of the rights

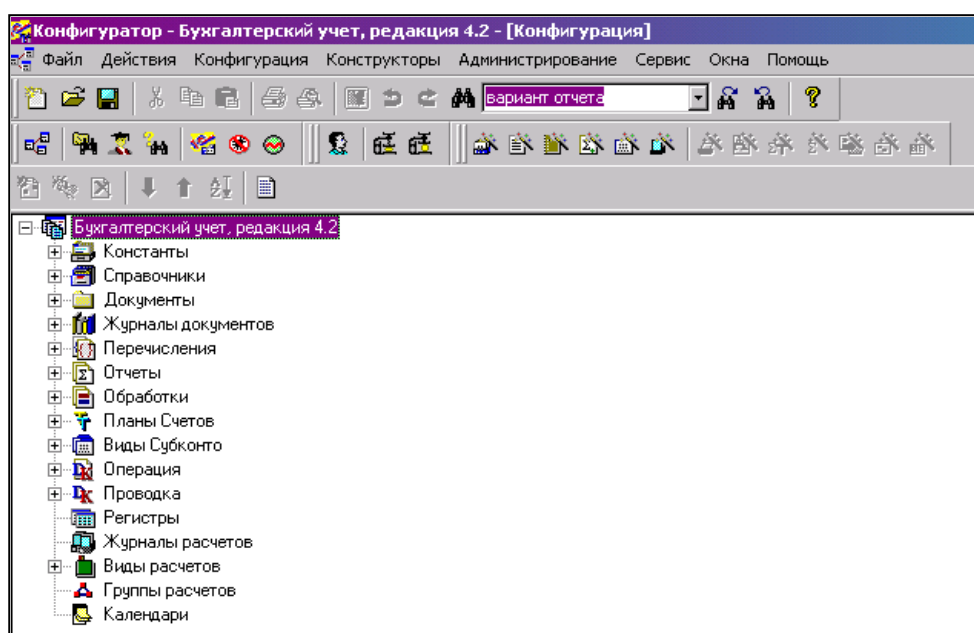


Fig.2.1 Конфигуратор

### ***Metadata***

Metadata in system 1С:Предприятие is identified the collection an object metadata, adjusted on keeping and information handling about economic activity of the concrete enterprise.

Under object metadata is understood formal description of the group notion application domain with cognate feature and alike destination.

We shall consider the objects metadata:

- ***Constants***

They are Intended for work with constant and conditionally constant information

– ***Reference books***

They are intended for work with constant and conditionally constant information. Usually reference book are a list material, goods, organization, topple, employee and others reference books can be a layered transfers of the Transfer are used for description constant set importance, not changeable for concrete desk side. Unlimited amount type transfers describe practically In step of configurations possible. Unlike reference book, importance of the transfers are assigned in step of configurations, and can be not changed in step of performances.

The typical example of the transfers are a types of the payment (available, cashless, barter), status of the client (constant, single).

***Documents***

The documents are intended for keeping of the main information on all events, occurring on enterprise, and, of course, making sense with standpoint of the economy. At the document are reflected and payments with accounting count, and operations on pay-desk, and trained displacement, and motion on storehouse, other like events. The example document can serve such documents as "Платежное поручение", "Expense invoice", "is Come-cash warrant" and etc.

***Journals document***

The journals document are intended for viewing document. Each type of the document can be referred to determined journal. Journal document itself does not add new given in system, but serves only as facility of the viewing the list document one or several types.

***Reports and processing***

For description of the reports and procedures of the free processing in step of configurations can be created unlimited amount of the forms of the reports. Each

form has its dialogue of the adjustment, which allows to define the set a parameter shaping the reports. For instance, for issue of the storage reference - choose the concrete storehouse.

### ***Accounting counts (component "Accounting")***

They are intended for keeping plan count of the accounting that is to say object of the synthetic account of the facilities of the enterprise. The essence data object wholly correspond to generally accepted understanding accounting count. Can be simultaneously supported several plans count, each of which can have a specific characteristic.

### ***Types sub-account***

This is a special objects, for conduct analytical account on count of the accounting. As sub-account can emerge the fixed assets, organizations, goods and the other sets object, as real existing, so and abstract. For instance, sub-account can be a types budget - federal, territorial, local.

### ***Operations and wiring***

The reflection of the moving the facilities in accounting is written in the manner of operation and wiring. The operation is a full reflection in accounting the economic operation, happened on enterprise. The operation can contain several wirings. Wiring do not exist from operation apart. Each wiring belongs to one and only one operations. The operation in turn, always belongs to the document moreover beside the document can be only one operation. Shaping to operations and wiring occurs the document when undertaking.

The registers (the component "Operative account") are intended for analysis remainder and moving the facilities in system 1С: Предприятие.

The register represents itself multivariate system of keeping remainder or turn. Each register in step of desk sides is described by set of the measurements and resource.

Under measurement is understood set of importance, which explicate moving the facilities, and in cut which is kept remainder; under resource - a

numeric value, which is quantitative or amount-based by importance, reflecting amount motion (the remainder).

### ***Journals payment (component "Payment")***

The journal payment is intended for keeping given complex periodic payment, supported component "Reckoning", and their background. The main characteristic of the journal payment is their attribute that or other reference book of the system. Such reference book is identified the reference book an object payment. Practically, the reference book defines the type an object, on which conduct the payment. For instance, this can be: journal payment salaries moreover list object payment will emerge the reference book an employee.

### ***Types payment***

They are used for description algorithm, on which are executed that or other calculations.

### ***Groups payment***

Serves to under that or other payment possible was handle not only result payment on concrete type, but also result on several types payment, united on determined principle.

### ***Calendar***

For conduct worker graphics of the enterprise or outside organization, for account of the uptime employee miscellaneous category serves the calendar.

Under user interface in system 1С: Предприятие is understood collection of the command main menu and panels instrument, adjusted on work with concrete object given - a document, reference book, journal and etc. As a rule, user interface s for concrete category of the users. The purpose of the making the interface - provide the quick access of the users to that information, which necessary him in accordance with their duty.

Under set of the rights in system 1С:Предприятие is understood determination authority users on work with information, which is processed in system.

The majority object metadata in system 1С:Предприятие can have a visual presentation. In the most БЭСТ event visual presentation consists of the following parts:

The screen dialogue used for entering and editing to information, keeping in object metadata;

Printed form of the object metadata (printed forms can be several)

The module of the form - a program on built-in language system 1С:Предприятие. As a rule, module of the form contains the algorithm of the building of the printed form of the object metadata, as well as can execute processing carried in dialogue of information for integer of the incoming control, execution payment etc.<sup>21</sup>

## **6. The technological facilities configurations and administration systems**

### **1С: Предприятие**

Built-in program language need of presence of the built-in language is determined concept configurability systems. Syntax of the built-in language wholly answers the standard of the high-volume languages.

The language is subject-oriented. He supports the specific types application domain data, defined a desk side of the system. Work with these types data in language is organized with use the object technology. The language is oriented on users of the different qualification. In particular, his (its) distinguishes soft typification given (providing quick writing the program modules) and hard supervision syntax design, reducing probability error.

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<sup>21</sup> Бухгалтерский учет: Учебник / Под ред. Безруких.- М.: Издательство «Бухгалтерский учет», 2007г. – 389с.

Since, the system combines in itself visual and language facilities configurations, use the built-in language in system has happen -hung orientation that is to say language modules are used in concrete places for обработки separate algorithm, adjusted in process of the desk sides. So, for instance, for the document possible to describe the algorithm of the automatic filling requisition when entering the new document. Given procedure will is caused by system at necessary moment.

### ***Mechanism request***

For reception of the free reports of the complex structure in system is provided subject-oriented a mechanism request. Given facility rests in existing conditionally-variable structure of the information basis of the system that allows relatively simply to describe it is enough complex requests.

### ***Built-in text editor***

The system is used for making the program modules on built-in box and for editing document in text type.

One of the particularities of the editor is a possibility of the contextual highlighting by color syntax design built-in language.

### ***Built-in editor dialogue***

It is used for free adjusting the forms of the entering and editing to information. Allows to arrange the majority of the windows, which are used in system for entering and viewing to subject information.

### ***Built-in editor tabular document***

For all output document (the primary document and reports) in system is provided united format - a format tabular document. This is a powerful facility, combining in itself of the possibility of the tabular structure and vector schedules. Thereby, he can be used as for making small document with very complex structure line, so and for three-dimensional bordereau's, journal and other like document.

### ***Bases of the work with system 1С: Предприятие***

The system 1С:Предприятие represents itself interpreter and worker configuration (the program), without which functioning (working) the system impossible - an analogue of the language Basic. The system 1С:Предприятие can work both with DBF and with SQL basis. The system 1С:Предприятие is intended for decision of the broad spectrum of the tasks to automations of the account and control, costing before modern enterprise. 1С:Предприятие represents itself system of the applied decisions, built on united principle, on united technological platform. The program product system 1С:Предприятие can be adapted to any particularity of the account on any specialized enterprise. In composition of the system enters "Конфигуратор", which provides:

- adjusting the system on different types of the account;
- the realization to any methodologies of the account;
- the organization reference book and document of the free structure;
- adjusting the exterior of the forms of the entering to information;
- the possibility of the demonstrative presentation to information in the manner of diagrams;
- quick configuration change by means of "constructor";

In system 1С:Предприятие possible "Exchange file": adjusting the behavior and algorithm of the functioning(working) the system in different situation by means of built-in object-oriented language keeping database in format SQL or DBF.

Creation original desk side allows to solve by means of systems "1С: Предприятие" the most varied tasks on automations.

Use of these facilities allows:

1. control functioning of the other programs, using built-in language, for instance, form the reports and schedules in Microsoft Excel;
2. gain access to given "1С: Предприятие" from the other programs;
3. insert in the documents and reports objects, created other program, for instance, place in report drawings and schedules.

Technology of the creation external component (the additional program modules) is designed by company "1С" for decision of the special tasks, in which is required more crowding and efficient integration of the system 1С:Предприятие with the other program and equipment. This technology comprises of itself all necessary information and set example on creation external component and their interaction with "1С: Предприятие". The external components can be developed user of the programs of the system 1С:Предприятие and independent company on languages MS Visual C++, MS Visual Basic, Borland Delphi, Borland C++ Builder.

Scale systems "1С: Предприятие": Spectrum of the program products of the system 1С:Предприятие includes the single-user and network versions; the versions, working in architecture "client-server", as well as additional component for organization of the exchange by information between territorial removed branch to organizations.

### *Elements of the user interface*

The user interface - a set of the facilities, provided to by program for contact with user. The screen forms pertain To his (its) element, menu, pictographs and others Many elements of the user interface of the program, working in mode of conduct of the accounting, are adjusted and, hereunder, can be changed by user.

In higher part window is found line of the headline, in which is indicated name of the selected component of the system 1С:Предприятие (in given example is chose component accounting). The following line contains the main a menu program, but hereinafter follow one or several straightedges with panel instrument, containing sets of the pictographs for quick call most often used function. Below takes seats the workspace a main window of the program, which initially start; put. In process of the functioning in this area can be open and the other window, for instance, with primary document, journal and report.

The amount of the windows in she correspond to the amount of the buttons on panels of the windows, coming up for lower part of workspace. In lower part

window is located line, containing two fields. In her (its) left part is issued help, explaining, what actions necessary to execute in given to situations. In right part is indicated stated account period, in which conduct functioning and for which pay the accounting totals.

The program realizes certain set professional and auxiliary function. Call required functions possible to realize through menu or with the help of screen buttons and pictographs.

***The menu.*** The menu in program 1С:Предприятие- layered. The first level (the main menu) represents itself line, containing list of the items menu. Each item main menu there is nothing else than name of the group mode or function of the program. For choice of the item menu it is enough to snap the mouse on him. The substitution will appear on screen. If item in menu is not final then on the right on his(its) names is indicated badge ▶, testifying of presence following level. Keystroke [Enter] on such item menu will bring about unwinding next substitution. Unwinding consecutively subordinated level menu, on some stage possible to reach the final item, realizing certain action. We shall Note that set function in one and the same menu can be different at different moments of the work with program. The event, when names of some items menu, means that execution of this action at present there is no point.

### ***Pictographs and panels instrument***

For quick address to function comfortable to use the pictograph. The Pictograph represents itself graphic image of a certain command, functions, state of working. Call to functions is realized one-shot snub by mouse on corresponding to pictograph. The thumbnail sketch to functions, corresponding to pictograph, possible get, having moved on it cursor mouse, then through one-two second short inscription will appear near by cursor with name of the functions. The pictographs are united in groups determined functional directivity. Such groups are identified the panel an instrument.

### ***Screen buttons***

For governing functioning (working) the program aside from menu and pictographs in screen forms are included scenes of the buttons with inscription, explaining their purpose. The examples of the buttons possible to see in screen form: change, add, delete and others To "press" such button, cursor mouse is fixed on her (its) scene whereupon it is produced one-shot snub by left button mouse.<sup>22</sup>

### **Conclusions on chapter II**

Choice of the system "1С:Предприятие" for making the desk sides is conditioned following reason:

– when making the desk sides automated worker place for division «Accounting and report» as functional ambience of the development was chose system " 1С:Предприятие 7.7", since system she is flexible adjusted by system for decision of the broad circle of the tasks in sphere of the automations to activity enterprise. This in the first place conduct of the accounting, account goods and material valuables, as well as trained account and payment of the salary, trade and storage account and etc;

– the advantage of the system " 1С:Предприятие before other similar program is her(its) reliability, flexibility in adjustment and well organized to structure. The system allows the user to modify the existing desk sides with provision for specifics of the functioning (working) the enterprise, create the new desk sides, develop the non-standard types of the reports;

– the tasks of the account and control can greatly differ depending on sort of activity of the enterprise, branches, specifics to product or rendered services, amount and structures of the enterprise, required level to automations;

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<sup>22</sup>Гиляровская Л.Т. Экономический анализ: Учебник для вузов /Под ред. Л.Т. Гиляровской. – 2-е изд., доп, - М.: ЮНИТИ – ДАНА, 2007. – 615 с.

– the system of the programs " 1С:Предприятие" is intended for decision of the broad spectrum of the tasks to automations of the account and control, costing before dynamic developing modern enterprise;<sup>23</sup>

" 1С:Предприятие" represents itself system of the applied decisions, built on united principle and on united technological platform. The leader can choose the decision, which correspond to actual need of the enterprise and will hereinafter develop on measure of the growing of the enterprise or extensions of the tasks to automations;

The program products of the system " 1С:Предприятие" are delivered with standard desk side. The standard desk sides realize most total schemes of the account and can be used in majority organization.<sup>24</sup>

The choice of the system 1С:Предприятие is not casual since this powerful universal system of the new generation. Configuration as the main characteristic of the system allows adjusting the applied subsystem on automated conduct of the account on practically any area of the accounting. In kit of the supply of the system with component "Accounting" enters so named standard desk side, representing itself prepare adjustment for automation of the account on that area, which are present in any commercial organization ("Касса", "Банк", "Учет внеоборотных активов", "Продажи", "Расчеты" и т.д. and etc.).

Thereby, choice of the system " 1С:Предприятие" is an most optimum decision.

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<sup>23</sup> Глушаков С.В.: «ПК для бухгалтера»; –АСТ Москва, 2008. –448 с.

<sup>24</sup> Гинзбург А.И.: «Экономический анализ», 2- е изд.– СПб.: Питер, 2007. – 208 с.: ил. – (Серия «Краткий курс»)

## II CHAPTER. REALIZATION TO DESK SIDES AUTOMATED WORKER PLACE FOR OFF-BUDGET PENSION FUND

### 1. Making the project in program " 1С:Предприятие" for realization of the desk sides

We shall prepare the file, in which will be kept file of the project. Then we start the program 1С. In window "Start 1С:Предприятие" press the button "to Add". Window "Adding information base\group" is opened

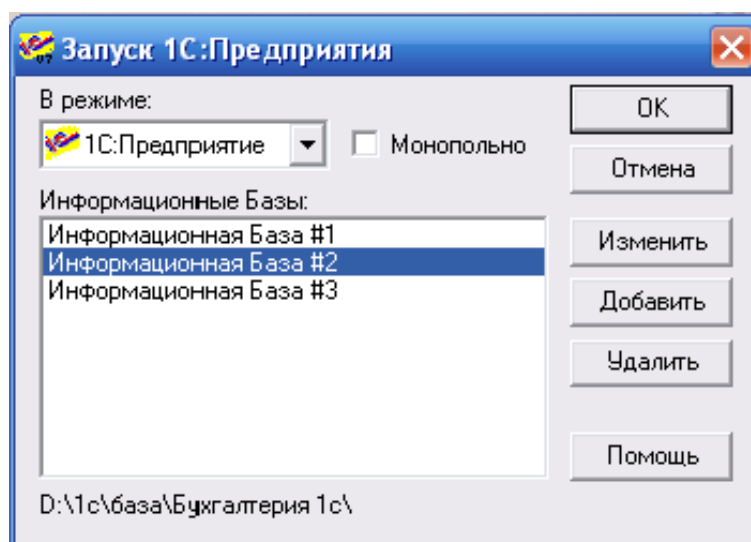


Fig. 3.1. General view of a window of start 1С: Предприятие

Start of information base can be carried out in modes:

1. 1С: Предприятие
2. Конфигуратор
3. Отладчик
4. Монитор

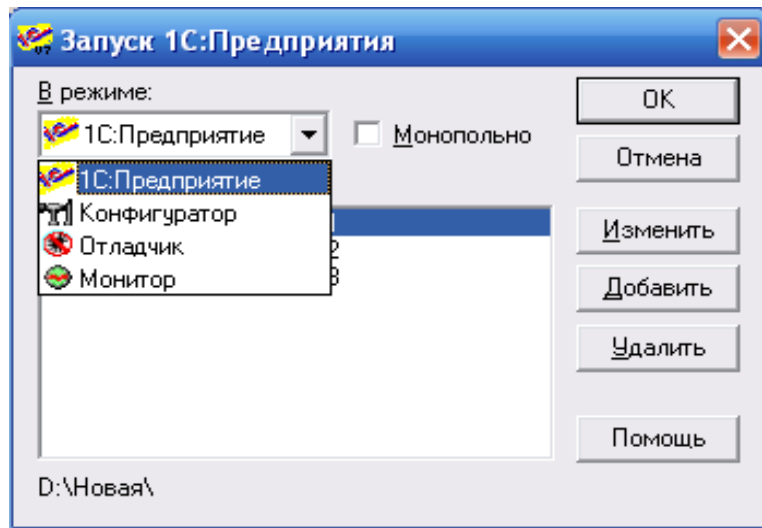


Fig. 3.2. Modes of starts of 1С:Предприятие

## 2. Realization reference book for desk side

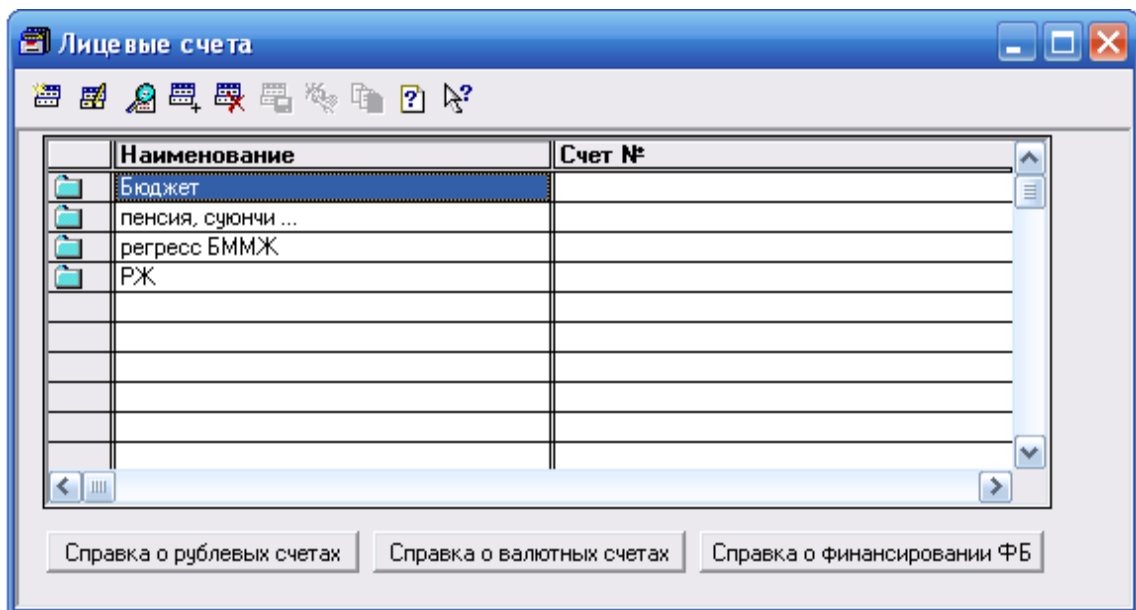


Fig. 3.3. The reference book "Лицевые счета"

Beside budgetary organization can be in institutions of the bank openly or branch treasury one or several counts (current, accounting, exchange, on commission contracts and etc.). For keeping bank requisition count, opened to organizations, is used reference book "Лицевые счета". The requisitions of the

reference book will be automatically entered in primary document, requiring their filling, for instance, in count, Платежное поручение etc. The form of the element has three bookmarks: "Счет", "Дополнительные", "Финансирование из ФБ".<sup>25</sup>

That information is collected on bookmark "Count" about personal count, which are used most often. To he pertain: name of the count (the identifier), count (the sub account) of the accounting, number of the personal account, name treasury, name of the bank to organizations, press count and БИК bank, as well as small flag "Direct payments" and "Through treasury".

The count (the sub account) accounting - in this requisition it is necessary to transfer the count (the sub account) of the accounting, on which are reflected operations on given bank count. It is used for reference. The name of the count - "internal" name of the bank count, for instance, budgetary, accounting, exchange, main. It is used for choice of the count from reference book.

The count - an invoice number to organizations in credit organization (the branch) or subdivision, or in branch treasury. The requisitions of the group "Accounting bank" are filled as follows.

The majority of the banks are a participant direct payment. In this case for registration payment document are indicated requisitions of the bank, servicing organization:

Наименование - a name of the bank;

в - a place of the finding of the bank;

Корр. счет - a number of the press count;

БИК - bank identification code

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<sup>25</sup> Голкина Г.Е.: «Бухгалтерские информационные системы: Учебное пособие.», М.: МЭСИ, 2004. –26 с.

Сведения о лице вом счете :Бюджет

Счет | Дополнительные | Финансирование из ФБ

Наименование: Бюджет      Счет (субсчет) бухучета: 232.1

Счет №:      37001      5 знаков            Через казначейство

Прямые расчеты

Казначейство

ИНН: 201122919      № счета: 23402000300100001010

Наименование: Молия Вазирлиги Ягона газна хисоб вараги

Наим. банка на уз.яз.      Наименование и местнахождение казначейства

Банк казначейства

Наименование: Марказий банк Тошкент ш. Б      в     

Корр. счет:      МФО: 00014

Расчетный банк

Наименование:      в     

Корр. счет:      МФО:     

OK      Закрыть

Fig. 3.4. Information about personal count Бюджет

Сведения о лице вом счете :пенсия, суюнчи ...

Счет | Дополнительные | Финансирование из ФБ

Наименование: пенсия, суюнчи ...      Счет (субсчет) бухучета: 119.1

Счет №:      37001      5 знаков            Через казначейство

Прямые расчеты

Казначейство

ИНН: 201122919      № счета: 23402000300100001010

Наименование: Молия Вазирлиги Ягона газна хисоб вараги

Наим. банка на уз.яз.      Наименование и местнахождение казначейства

Банк казначейства

Наименование: Марказий банк Тошкент ш. Б      в     

Корр. счет:      МФО: 00014

Расчетный банк

Наименование:      в     

Корр. счет:      МФО:     

OK      Закрыть

Fig. 3.5. Information about personal count pension

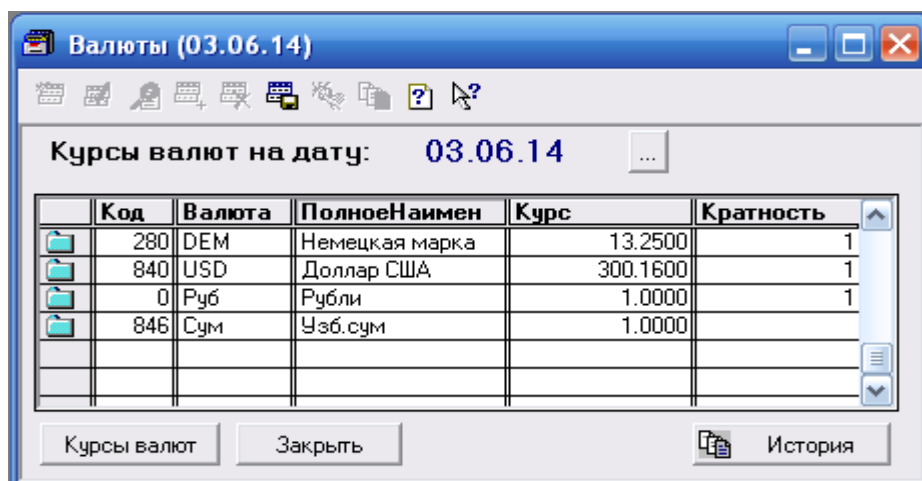


Fig. 3.6. Reference book «ВАЛЮТЫ»

The reference book «ВАЛЮТЫ» is intended for keeping of the list topper and histories their rate, and is used in account on count with sign of the exchange account.

The reference book has a single-level structure. For each element of the reference book is indicated code, short indication of currency, name of currency (the identifier), multiplicity and rate.

The reference book possible to edit in list or in dialogue. The choice of the way of the editing is produced in menu "Actions". For editing in dialogue follows to expose the small flag opposite item menu "to Edit in dialogue".<sup>26</sup>

The requisitions "Multiplicity" and "Rate" interconnected. In requisition "Multiplicity" is assigned amount of the units of foreign exchange, for which conduct the quoting in рубли, but in requisition "Rate" is indicated current rate in рубли for specified in requisition "Multiplicity" amount of the units of foreign exchange. For instance, quoting on USA dollar to guide to рубли for 1 USA dollar. Multiplicity in this case forms the unit.

The quoting is on italian lira to guide to ruble for 1000 italian liras. Multiplicity in this case is 1000. At change the current rate of currency, on which are conducted payments with contractor, necessary to open the reference

<sup>26</sup> Донцова Л.В., Никифорова Н.А. Анализ финансовой отчетности. М.: Дело и сервис, 2008. - 425 с.

book «Валюты», choose the cursor a line with necessary currency, open the history of the rate (the actions - a history of importance) and enter new importance of the rate given currency. All are previous importance of the rate are saved together with date of their change and can be viewed or changed in special window "History".

The requisitions "Multiplicity" and "Rate" periodic that is to say each their importance is entered on fixed date and spreads on all following dates until following importance will is entered. For viewing the rate of currency possible also to use the button "Rates topple" located in lower part of the form of the reference book «Валюты», beforehand having chosen by cursor interesting currency. The report about rate topple is formed for chosen period of the output accounting total (the Service- Parameters - an Accounting totals).

For reception of the histories of the rate for any period it is necessary in formed report to snap on button "Adjustment", indicate of interest period and press on button "to Form".

When entering wiring on count, for which in plan count is installed sign of conduct of the exchange account, program will charge concrete currency for calculation of the amount of the wiring in ruble.

The choice of currency in dialogue of the entering operation and the document is realized without possibility of the editing. For editing the reference book «Валюты» (including, for change the current rate) his (its) follows to open from program menu main.

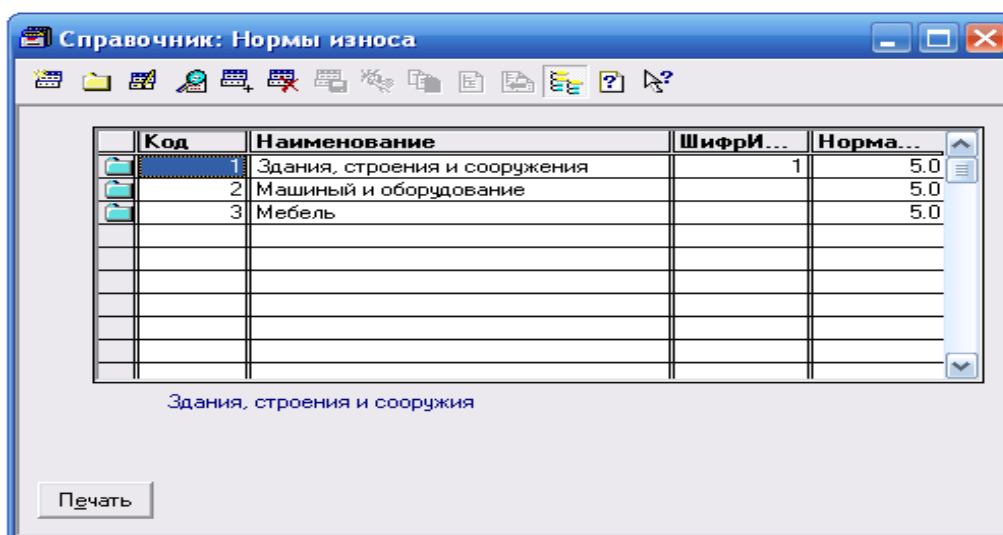


Fig. 3.7. The reference book "Rates of the wear-out"

For task object OS cipher and annual rates of the wear-out in standard desk side is used reference book "Rates of the wear-out". The groups of the main fund are situated On the first level of the reference book "Rates of the wear-out", on втором level reference book "Rates of the wear-out" -a decryption of the composition of the groups or on more small groups, or on concrete types of the fixed assets, concrete types of the fixed assets are situated on the one third level. The reference book "Rates of the wear-out" is used in the document, reflecting arrival of the fixed assets in organization (buying OS, free reception OS, entering initial remainder OS).<sup>27</sup>

The button "Print", located adown window of the reference book "Rates of the wear-out", allows to unpack list of the annual rates of the wear-out.

<sup>27</sup> Ефимова О.В., Мельник М.В. Анализ финансовой отчетности. М: Бухгалтерский учет, 2009.- 420 с.

### 3. Realization document for desk side

N	Статья Расхода	Сумма	Комментарий

Fig. 3.9. The document "Оплата поставщикам"

Document "Оплата поставщикам" is intended for automatic shaping wiring, fixing payment supplier for goods and facilities. The governed document is arranged after bank will execute the order to organizations about transfer of the bankrolls on the ground of Платежное поручение and will reflect this operation in extract from accounting (current) of the count. If one Платежное поручение write with count of the facility, which must be referred on clause miscellaneous of the expenses then on each type of the expense (in accordance with cost estimate of the cash expenses) must be entered separate line on corresponding to amount. This will allow to form reporting on cash expenses with necessary granularity.

In earl "Комментарий" - a line of text possible to enter information, which will is comprised of short contents formed wiring.

For registration of the return from supplier transferred earlier facilities on payment of the product (functioning, services) follows to install the small flag "Return", having snapped by mouse in this field.<sup>28</sup>

The order of the filling requisition document at registration of the return to similar payment. The number of the document, on which was made payment, possible reference in line "Комментарий". When undertaking the document are automatically formed accounting wiring on reflection in accounting fact payment supplier.

Списание со счета -Новый

Номер:  Дата:  Сумма:

Платежное поручение  
№:

Получатель:  
Основание:

N	Дебет	Субконто Дт	Кредит	Субконто К-т

OK    Закрыть

Fig. 3.10. The document "Списание со счета"

Document "Списание со счета " is used if one Платежное поручение write with count of the facility, which must be referred on several counts of the accounting or on clause miscellaneous of the expenses.

<sup>28</sup> Каморджанова Н.Н. Бухгалтерский финансовый учет. – Спб.: Питер, 2005г.

The document "Списание со счета" universal document, allowing enter any operations on списанию facilities with personal account.

The requisitions of the document are filled in the following order. The Number of the document is filled automatically. The date of the document defaults in accordance with worker by date of the program. Here follows to indicate the date of bankrolls (the date of the extract from personal account).

Платежное поручение- choose from offered by program of the list Платежное поручение, on which has occurred списание. The program offers for Платежное поручение list choice for 15 days, preceding date of the document.

The grantee and base - are filled from requisition of the Платежное поручение-basis automatically. The amount is filled automatically from requisition of the Платежное поручение- a basis. The schedule of the document represents itself standard dialogue of the entering to operations.

In line it is necessary to indicate:

- a count payment with contractor (in earl "debit");
- an objects of the analytical account on debit;
- a count of the account of the cashless bankrolls (in earl "Credit"). Is it By default offered count (the sub account), given for personal account. If it is offered count-group, that it is necessary to choose the concrete sub account;
- an objects of the analytical account on credit;
- a type of currency and amount in currency if it is produced with exchange count;
- an amount if on count of the debit to conduct the quantitative account;
- an amount;
- a purpose of the payment.

The schedule can contain as much lines as required for specifications of the amount of the Платежное поручение.

When undertaking the document are automatically formed wiring on reflection of the operations on count of the accounting.

**Поступление финансирования-Новый**

Операция № 2 от 11.07.13

ОТОЗВАН ... Выберите расчетный счет!

Финансирование

по док-ту \_\_\_\_\_ Сумма 0.00

Счет финансирования 232.1

Счет денежных средств 119.1 Возмещение пенсии

Движение ден. средств \_\_\_\_\_

**В том числе по статьям расходов:**

N	Статья расхода	Сумма	Примечание

Итого по документу 0 Разница 0

OK Закреть

Fig. 3.11. Document " Финансирование "

If in one Платежное поручение have entered the facility by total amount on several clauses of the expenses, necessary their divide into several amounts in accordance with cost estimate to get hereinafter reporting with necessary granularity.

The document "Поступление финансирования" is intended for automatic shaping wiring, fixing arrival on count of the organizations of the financial remedies for higher managers of the funding.

The document is arranged after reception of the extract from personal account, confirming arrival of the facilities.

Выбрать р/с - press on this button to choose the count, to which have entered the bankrolls.

По документу - a line of text are entered name, number and date of the document (the Платежное поручение etc.), on which is made an enrolment of the facilities.

Счет денежных средств - choose from plan count sub account (current, accounting, on commission contracts) of the account of the cashless bankrolls.

Сумма - is reference entered amount of the financing, specified in earl "Amount" Платежное поручение or other document about arrival of the financing.

Счет финансирования - choose from plan count of the financing. If on count of the financing to conduct the analytical account, in requisition "Расчеты по финансированию" is by default filled "has entered on budget". At review - "Закрыто кредитов и отозвано средств".

The tabular part of the document Статья расхода - choose from offered by program of the reference book "Экономическая классификация расходов" clause of the expenses.

Сумма - indicate the amount, transferred to this clause of the expenses. The note - a line of text is entered information, which will be in short contents of the wiring. Information is also included in short contents of the wiring about the document-base.

Under tabular part is reference removed total of the sum entered data. Before undertaking the document her(its) it is necessary to compare to amount, specified in earl "Счет" Платежное поручение or other document about arrival of the financing. If they are not, that this is indicative of that that when entering the detailed amounts was допущена error.

For registration of the return the called back financing follows to install the small flag "Отозвано", having snapped by mouse in this field.

The order of the filling requisition document at registration of the return to similar arrival. When undertaking the document on each line of the schedule are

automatically formed wiring on reflection of the operations on count of the accounting.

Fig. 3.12. The Document "Платежное поручение"

Document "Платежное поручение" can be used if organization-payer has only one count (current, accounting etc.) in credit organization.

For date mark written out serves the small flag "Date written out". If this small flag is enclosed then when printing date Платежное поручение will be removed written out. Unless it is enclosed - a numeral. The field "autosubstitution in text of the Платежное поручение" allows installing the mode of the automatic addition of the text of the Платежное поручение by amount and VAT. When striking the button "Print" is formed standard tabular system document 1С:Предприятие, containing printed form of the document. When printing the Платежное поручение payment requisitions bank count are

chosen from reference book bank count and reference book "Contractors" accordingly.

After check of correctness of the filling the Платежное поручение possible to unpack Платежное поручение in necessary amount copy and save the Платежное поручение in journal operation for the repeated address to him for the reason shaping on his (its) base of the Платежное поручение with similar requisition or document of the other type.

Платежное требование - Новый

Р/с № 37001 в Марказий банк Тошкент ш. Бош Бошкармаси ХККМ

**Платежное требование №** 1 **от** 11.07.13  дата прописью

Плательщик:  Счет плательщика:

Основание  Сумма: 0.00

Ставка НДС: 0.00 НДС: 0.00

Назначение платежа:

с акцептом  Срок для акцепта: 0 Условие оплаты:

Вид платежа: почтой Автоподстановка в текст платежного требования

Срок платежа: 11.07.13  Указать в тексте Сумму и НДС

Очередн. платежа: 6 Сумма 0-00, без налога (НДС).

Печать OK Закреть

Fig. 3.13. The document "Платежное требование"

Document "Платежное требование" is intended for printing the Платежное поручение on the form 0401601.

For date mark written out serves the small flag "Date written out". If this small flag is enclosed then when printing date Платежное поручение will be removed written out. Unless it is enclosed - a numeral.

If small flag "is installed in the form of the entering with acceptance", necessary to indicate the date for acceptance. In this case in field "Условия оплаты" printed form of the document will is entered "С акцептом".

If this small flag is unplugged, necessary to fill the requisition "Условия оплаты". Then in field "Условия оплаты" printed form of the document will is entered "Без акцепта" and is added text, which you will carry in field "Условия оплаты" screen form of the document.

Платежное требование-поручение - Новый

Р/с № 37001 в Марказий банк Тошкент ш. Бош Бошкармаси ЖККМ

**Платежное  
требование-поручение №** [dropdown] **от** 11.07.13 [calendar]  дата прописью

Платательщик: [text] [dropdown] **Номер документа** [text] [dropdown]  
[text] **тельщика:** [text] [dropdown]

Основание: [text] [dropdown] Сумма: [text] 0.00 [dropdown]

Ставка НДС: [text] 0 [dropdown] НДС: [text] 0.00 [dropdown]

Назначение платежа: [text] [dropdown] [X]

Срок для акцепта: [text] 0 [dropdown]

Вид платежа: [text] почтой [dropdown] [X]

Срок платежа: [text] 11.07.13 [calendar]

Очередность платежа: [text] 6 [dropdown]

Автоподстановка в текст платежного требования-поручения:  
Указать в тексте Сумму и НДС [dropdown]  
Сумма 0-00, без налога (НДС).

Печать OK Закреть

Fig. 3.14. The document "Платежное требование-поручение"

Платежное требование-поручение represents itself requirement of the supplier to buyer to pay on the ground of made for operating bank of the payer accounting and shipping document, cost put (deliver)ed on agreement of the product, executed functioning, rendered services.

For entering the payment requirement-commission contracts choose from menu "Documents" item "Payment requirement-commission contract". As a

result window of the dialogue is opened on screen for entering the new document.

The form of the payment requirement-commission contracts is filled similarly form of the payment requirement, but in she is absent the requisitions "With acceptance" and "Условия оплаты".

Приходный кассовый ордер № 00000001 от 11.07.13

Счет основной 120.1 Касса Корр.счет, субсчет: . . . Кол-во 0.00

Субконто Корр.счета

Подразделение

Принято от

Основание:

Приложение:

Остаток 0.00 Перерасход 0.00 Сумма: 0.00

Учитывать налог с продаж

Указать в тексте НДС  Ставка НДС 20.00 НДС: 0.00

Печать OK Закрыть  аннулирован

Fig. 3.15. The document " Приходный кассовый ордер "

Приходный кассовый ордер is intended for registration of the arrival of the cash of the money in pay-desk.

Count main - is chosen one of the sub account of the count 120 –

120.1 - касса БЮДЖЕТ

120.2 - касса ВНЕБЮДЖЕТ

120.3 - касса Валютная

Корр.счет, субсчет - is indicated count, with count 120 "Pay-desk".

Субконто корр.счета - if on correspond count to conduct the analytical account, that is chosen objects analysts. If no, that is skipped keystroke Enter.

It is accepted from. If person, transferring facility, is already chose, that is flashed his(its) NAME in genitive case, or is here entered necessary text, for instance, "From bank on cherub". When undertaking the document importance this requisition will is specified as short contents of the wiring.

Hereinafter entering the line of text are filled requisitions base and Application.

*Основание.* The reason is indicated for scheduling the warrant. When undertaking the document importance this requisition will is specified as short contents of the wiring.

*Приложение.* The applicable documents are transferred to warrant.

The amount - is indicated amount put into pay-desk of the bankrolls. If necessary to select the amount a VAT in rootlet of the receipt warrant, it is necessary to expose the small flag " Указать в тексте НДС " and indicate the percent and amount НДС. Apart from that if amount of the document comprises of itself amount of the tax with sale, follows to expose the small flag " УЧИТЫВАТЬ НП " and indicate the percent and amount НП for correct calculation of the amount VAT. If necessary to select the amount НП in receipt warrant and receipts to him, it is necessary to expose the small flag " Указать в тексте НП ".

**Расходный кассовый ордер №** 00000003 **от** 05.06.14

Счет основной: 120.1 Касса БИ Корр.счет, субсчет: 112.2.

Субконто Корр.счета: \_\_\_\_\_

Экон. класс. расходов: \_\_\_\_\_

Движение денежных средств: \_\_\_\_\_

Подразделение: Основной

Выдать: Иванов И.И.

По документу: паспорт серии CF №2111111, выдан Фергана ИИБ 3 Апреля 2001

Сумма: 0.00

Основание: \_\_\_\_\_

Приложение: \_\_\_\_\_

Печать OK Закрыть  аннулирован

Fig. 3.16. Document " Расходный кассовый ордер"

The Расходный кассовый ордер is intended for registration of the issue of the cash of the money from pay-desk.

Count main - is chosen one of the subaccount of the count 120 –

120.1 - a pay-desk BUDGET

120.2 - a pay-desk OFF-BUDGET

120.3 - a pay-desk Exchange

Corr.account, sub account - is indicated count, correspond with count 120 "Pay-desk".

Sub-account Corr.account - if on correspond count to conduct the analytical account, that is chosen objects analysts. If no, that is skipped keystroke Enter.

When entering the document are indicated given about person, who are issued money from pay-desk, amount, and data required for reflection of the document in accounting.

For filling the field "to Issue" can be used reference book employee or reference book contractor for choice of the private citizen.

The recommendations: for substitution in requisition "On the document" at choice of the employee or contractor (the private citizen) their passport data must be contributed in corresponding to reference books.

On striking the button "Print" is formed standard tabular system document 1С:Предприятие, containing printed form of the document. When undertaking the document are automatically formed accounting wiring, reflecting given document in accounting.

The document has an additional requisition - a small flag "is Invalidated". This small flag follows to expose for that document, which did not get through pay-desk and were invalidated.

The screenshot shows a software window titled "Покупка основных средств-Новый". It contains several input fields and sections:

- Шапка** (Header): "Номер документа" (Document number) and "Дата" (Date) set to 11.07.13.
- Источник финансирования** (Source of financing): A dropdown menu.
- Поставщик** (Supplier): "Счет:" (Account) with value 159.1, "Контрагенты" (Contractors), and "Основание" (Basis).
- Расход** (Expense): "Счет:" (Account) with value 072.1, "Экон. класс. расходов" (Economic class of expenses), and "Движение денежных" (Movement of funds).
- Приказ** (Order): "Номер:" (Number) and "Дата:" (Date).
- Место расположения объекта в момент приемки:** (Location of the object at the moment of receipt): A text field.
- Buttons: "Печать" (Print), "OK", and "Заккрыть" (Close).

Fig. 3.17. The Document "Покупка основных средств"

Document "Покупка ОС" is intended for gained fixed assets "Acceptance report-transmissions and on internal moving the fixed assets (the form OS-1)" and shaping corresponding to wiring.

Given are entered on each fixed assets. New OS can be is beforehand contributed in reference book "Fixed assets", or his(its) possible put into list OS when entering given document. When entering in reference book of the new position necessary to fill the sections of the dialogue " Основные средства " and "Individual features". In section " Основные средства " are indicated: inventory number, short and full name, materially responsible person, site of the object. In section "Individual features" are indicated: name of the manufacturer, passport, drawing, number, project, model, type, mark, serial number, date of the issue (the fabrications), names sign, characterizing object. When filling by flap of the table necessary to bear in mind following:

The sign of the adding the wear-out - is chosen one of the importances:

"Yes" - if on object is defined wear-out;

"No" - if on object is not defined wear-out (the subjects for scientific and scholastic integer, museum value etc.).

The rate of the wear-out (the percent) - an annual rate of the wear-out, is filled automatically at choice of the code from reference book "rates of the wear-out", is used under automatic shaping wiring on adding the wear-out of the fixed assets.

If requisitions code rates of the wear-out and rate of the wear-out were carried in card OS then in the document of the importance these earl are confirmed keystroke Enter.

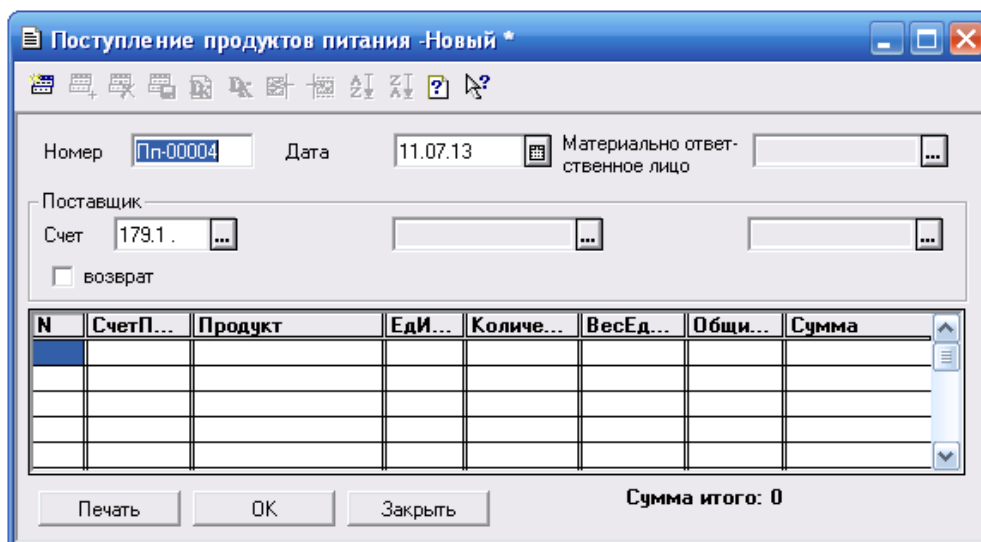
When undertaking the document on each OS will automatically are formed wiring on amount of the cost in full ruble, including VAT. The first wiring - Dt selected count OS, Kr count payment on chosen supplier, the second wiring - Dt selected count of the expense on chosen to clause, Kr250.

If on the document of the acquisition cost OS is specified in ruble and kopeck, on amount kopeck will is formed additional wiring - Dt selected count of the expense on chosen to clause, Kr count payment on chosen supplier.

*Ввод в эксплуатацию.* It is indicated sign commissioning is chosen one of the importance:

"Yes" - if OS is entered in usage at moment receipt. In this case in card OS date and number of the document about commissioning will be recorded automatically such, as in the document on receipt.

"No" - if OS will was put into effect later. In this case date and number of the document about commissioning are assigned in card OS (in list sub-account) at moment commissioning.



N	СчетП...	Продукт	ЕдИ...	Количе...	ВесЕд...	Общи...	Сумма

Fig. 3.18. The Document " Приход продуктов "

Document " Поступление продуктов " is intended for registration of the arrival in organization of the products of the feeding (PP) and revocable tare, chosen by separate line in accompanying document supplier, receipt warrant (the form M-4) and automatic shaping wiring. This document possible to arrange the arrival gained by PP and receipt excess, revealed inventory.

This document possible also to reflect on count of the accounting return the products of the feeding supplier when finding the hidden fault already after taking PP on balance of the institution.

#### 4. Results of the testing the program

In conclusion of the writing to desk sides was organized test running all marketed document and reports. We shall consider capacity to work of the program on example of the document "Платежное поручение" and "Платежное требование".

On command "Документы" "Платежное поручение" is opened new document (fig. 3.19):

Платежное поручение - Новый \*

Р/с № 37001 в Марказий банк Тошкент ш. Бош Бошкармаси ХККМ

**Платежное поручение №** 2 **от** 08.04.14  дата прописью

Получатель: Молия Вазирлиги Ягона Газн Счет получателя: Основной

Основание: собственные затраты Сумма: 5,600,000.00

Ставка НДС: 0.30 НДС: 16,749.75

Назначение платежа: заплатить за услуги

Вид платежа: электронн

Срок платежа: 08.04.14

Очередн. платежа: 0

Автоподстановка в текст плат. поручения

Указать в тексте Сумму и НДС

Сумма- 5600000-00, в т.ч. НДС(0.3%)- 16749-75.

Язык

Узбекский  Русский

Печать OK Закреть

Fig. 3.19. Document " Платежное поручение "

For conservation and realization given document is pressed on button OK but if given document must be print out, necessary to use the button "Print", is as a result loaded automatic print:

Печать платежного поручения

ПЛАТЕЖНОЕ ПОРУЧЕНИЕ № 2

ДАТА: 08.04.2014

Наименование плательщика: Молия вазирлиги хузуридаги бюджетдан ташкари Пенсия жамгармаси

ДЕБЕТ

счет плательщика: [ ]

ИНН плательщика: [ ]

Наименование банка плательщика: Марказий банк Тошкент ш. Бош Бошкармаси ХККМ

Код банка плательщика: 00014

СУММА: 5600000-00

Наименование получателя: Молия Вазирлиги Ягона Газна хисобвараги

КРЕДИТ

счет получателя: 23402000300100001010

ИНН получателя: 201122919

Наименование банка получателя: МБ ББ ХККМ Тошкент ш.

Код банка получателя: 00014

Сумма прописью: Пять миллионов шестьсот тысяч рублей 00 копеек

Детали платежа: заплатить за услуги Сумма- 5600000-00, в т.ч. НДС(0.3%)- 16749-75.

Руководитель // [ ] Гл. бухгалтер // [ ]

М.П. [ ]

БАНК [ ] Проверен [ ] Одобрен [ ] Проведено банком [ ]

Fig. 3.20. General view of the printing of the document "Платежное поручение"

It should be noted that all documents which are carried out and kept get to the list "Журнал документов Общий"

Журнал документов Общий (01.01.14-31.12.14)

	Дата	Время	Документ	Номер	Сумма
	08.04.14	12:10:23	Плат.пор.	2	
	30.04.14	10:17:48	Плат.пор.	1	

Fig. 3.21. "Журнал документов Общий"

Р/с № 37001 в Марказий банк Тошкент ш. Бош Бошкармаси ХККМ

**Платежное требование №** 1 **от** 08.04.14  дата прописью

Платательщик: Клиент Счет плательщика: Основной

Основание: оплата поставки Сумма: 360,000.00

Ставка НДС: 20.00 НДС: 1,800,000.00

Назначение платежа:

с акцептом  Срок для акцепта: 0 Условие оплаты:

Вид платежа: почтой Автоподстановка в текст платежного требования

Срок платежа: 08.04.14 Указать в тексте Сумму и НДС

Очередн. платежа: 6 Сумма 360000-00, в т.ч. НДС(20%) - 1800000-00.

Печать OK Закрыть

Fig. 3.22. Document "Платежное требование"

We fill in with the necessary requisites the payment requirement, and when saving this document besides the document joins the list of documents in the magazine:

Дата	Время	Документ	Номер	Сумма
08.04.14	12:10:23	Плат.пор.	2	
08.04.14	12:25:05	Плат. треб.	1	360,000.00
30.04.14	10:17:48	Плат.пор.	1	

Fig. 3.23. Magazine "Журнал документов Общий"

***Elimination of problems of incompatibility of the platform 1C:  
Предприятие 7.7 and Windows 7<sup>29</sup>***

The 1C: Предприятие program of version 7.7 is a platform on the basis of which the set of industry solutions for the automated accounting on the computer is constructed. But in need of start 1C of the Enterprise 7.7 in the environment of Windows 7(Vista) there is a mistake "A sorting order established for a database differs from system" or "An error of loading of metadata". So, we will consider ways of elimination of these mistakes.

The cause of error "A sorting order established for a database differs from system" - discrepancy of the code OC pages of NT6 and 1C family.

There are two ways of the solution of this problem:

1. To bring the IB code page into accord with the system. For this purpose we start the Конфигуратор - Administration - the IB Code page and at the very bottom of the dropping-out list we choose + the Current system installation. It is the most correct way, but having brought base into accord in the code Windows 7 (Vista) page we will start receiving the same mistake starting base in Windows XP.

2. The essence of a way consists in creation of the ordnochk.prm file and its placement in the BIN folder (the folder of program files of a platform 1C: Предприятие 7.7) or in the folder with information base, depending on necessary result. For this purpose it is possible to open a notebook, and to keep empty contents: File- to Save the file –to Choose file type All files and to enter an ordnochk.prm file name. To place the file in the platform BIN catalog 1C: Предприятие 7.7 and in the catalog with base, depending on necessary result. To start information base. So being in the BIN folder this file exteND the action to all information bases started under this platform and if it is in the folder with

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<sup>29</sup> Kholmurzaev A.A. Khasanova M. Yu. Elimination of problems of incompatibility of the platform 1C:Enterprise 7.7 and Windows 7, «Конденсатланган мухитлар физикаси ва материалшуносликнинг долзарб масалалари» республика илмий – техникавий анжумани. 2014 йил

concrete information base, its action will extend only on concrete information base.

The created file is supported by a platform 1C: Предприятие 7.7, starting with version 7.70.026. Existence of the file instructs a platform 1C: Предприятие 7.7 not to check a sorting order.

Problem emergence "the Error of loading of metadata" provides existence of the file of metadata in the database catalog. The most frequent mistake of the user that the way to a database is incorrectly specified. The way needs to be specified so that having opened the folder, we saw before ourselves the file of metadata - 1Cv7.md. Metadata (information on data) is a configuration: it contains a meta information (the structure description) stored data, algorithms of work with these data – program modules and the description of the user interface - forms.

Name of this file of a configuration – 1Cv7.md. Data are stored separately from a configuration. The platform 1C 7.7 supports data storage in two options:

1. File option – data are stored in the \*.dbf files,
2. SQL option – data are stored on the Microsoft SQL server.

Regardless of data storage option, a configuration (metadata) are stored in the file 1cv7.md.dlya of transfer of base from XP in Win 7 and Vista or on the contrary the following becomes:

1. Administration Конфигуратор / Menu XP / to unload data.
2. Win 7 of the Administration Конфигуратор / Menu / to load data

If writes a mistake, we go in a Конфигуратор - the Administration / IB Code page Menu.

Certainly it is possible to use modern software products as 1C: Предприятие 8 but if nevertheless possibility of use 1C: Предприятие 7.7 isn't disproved, in this article the "standard" problems arising during the work of 1C in the environment of Windows 7(Vista), and ways of their decision were considered.

### **Conclusions on chapter III**

As a result of testing to desk sides in real term production is installed that she on all amounts meets the requirements customer.

The name of the project - a development to desk sides "AWPB" for off-budget of the Pension fund.

The desk side is written on platform "1С:Предприятие7.7", on built-in language "1С" for reduction of the temporary expenses of the accountant of the division on work with client on formation of documentation.

Designed software programs can be used under governing the operating system.

The main by purpose, the pursued in process of the development to desk sides was a reduction of time, spent by accountant of the division on work with client on registration of documentation and formation to reporting.

The desk side executes the following functions:

entering to information receipt and expense documents, as well as their direct print;

filling called on document in journals;

use different reference book;

the analysis to activity of the division;

shaping of reporting

In the course of development marketed methods авторизации and authentications of the user.

## CONCLUSION

The base of the theoretical functioning in thesis shave formed normative-methodical and recommendation literature in the field of the total accounting and accounting in Pension fund. There were studied scientific clauses and thesis's, is considered particularities of the creation and system development for accounting.

The principal activities off-budget Pension fund are: adding the salary employee, adding pension, social allowance, compensation and the other payments, calculation "Module of the regress", supervision to activity of the marginal branches on area, shaping monthly, quarterly, annual reporting concerning activity off-budget Pension fund.

For eliminating problem-solving situation necessary was develop the desk side automated worker place including documents, used by accountant, allowing raise efficiency to activity of the division and spare his(its) uptime. The detailed analysis domestic market accounting programs was organized, on the of which is brought motivation of the choice of software programs 1С:Предприятие 7.7.

Choice which is conditioned following reason:

– when making the desk sides automated worker place for division «Accounting and report» as functional ambience of the development was chose system " 1С:Предприятие 7.7", since system she is flexible adjusted by system for decision of the broad circle of the tasks in sphere of the automations to activity enterprise. This in the first place conduct of the accounting, account goods and material valuables, as well as trained account and payment of the salary, trade and storage account and etc;

– the advantage of the system "1С:Предприятие" before other similar program is her(its) reliability, flexibility in adjustment and well organized to structure. The system allows the user to modify the existing desk sides with

provision for specifics of the functioning(working) the enterprise, create the new desk sides, develop the non-standard types of the reports;

The choice of the system 1С:Предприятие is not casual since this powerful universal system of the new generation. Configuration as the main characteristic of the system allows to adjust the applied subsystem on automated conduct of the account on practically any area of the accounting. In kit of the supply of the system with component "Accounting" enters so named standard desk side, representing itself prepare adjustment for automation of the account on that area, which are present in any commercial organization ("Касса", ""Банк", "Учет внеоборотных активов", "Продажи", "Расчеты" and etc.).

Thereby, choice of the system "1С:Предприятие" is an most optimum decision.

The base of the theoretical functioning has formed normative-methodical and recommendation literature in the field of the total accounting and accounting in Pension fund.

In process of preparation dissertation functioning were a studied scientific clauses and thesis's, were considered particularities of the creation and system development for accounting.

The detailed analysis domestic market accounting programs was organized, on the group of which is brought motivation of the choice of software programs 1С:Предприятие7.7.

Developed during the thesis workstation allows not only to simplify the perception of information accountant and provide automatic generation of user accounts, but also to accumulate a number of records accounting transactions to be drawn up in the form of a manual accounting different primary documents in one screen.

The main effect of the introduction to desk sides automated worker place in division «Accounting and report» steels:

- investigated the process of the department and identified the most significant problem situations.

- analyzed the most common means of automation of accounting and choose the appropriate platform - 1C: Enterprise 7.7.

- designed and created workstation.

- during the development of optimization techniques applied and removed possibility of problems associated with changing the current operating system.

- significant increasing to power of the labor and reduction work sales.

- a reduction amount documentation error, report and etc.

- increasing to efficiency and validity of the account

- a comfort in processing the big volume to information.

Based on the results of the dissertation research, we believe that business workstation for financial sector management is the implementation of self-regulation in the accounting department, providing feedback control loop.

The practical importance of dissertation research consists that the received results can be applied in the course of formation of regulatory base of accounting, in development of instructions and provisions on its maintaining at harmonization with the Pension fund.

The recommendations stated in work can be used at training of specialists in higher educational institutions and at professional development by practicing accountants.

Reliability and validity of results of research is provided with use of methods of the scientific research adequate to the purpose, tasks, object, a subject and kind of work, use of the fundamental works of domestic and foreign authors on a considered perspective. Basic provisions of the thesis were reported and discussed at republican scientific and practical conferences and are published in 5 works.

The developed theoretical provisions and new technical solutions are tested experimentally. Pilot studies are metrological provided and were carried out on experimental base of the Pension fund. Results of work passed approbation in off-budget fund of the Fergana area of area that is supported by the documents on introduction.

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## APPLICATION

Платежное поручение -Новый

Р/с № 37001 в Марказий банк Тошкент ш. Бош Бошкармаси ХККМ

Платежное поручение № [ ] от 11.07.13  дата прописью

Получатель: [ ] Счет получателя: [ ]

Основание: [ ] Сумма: 0.00

Ставка НДС: 0.00 НДС: 0.00

Назначение платежа: [ ]

Вид платежа: [ ]

Срок платежа: 11.07.13

Очередн. платежа: 0

Автоподстановка в текст плат. поручения

Указать в тексте Сумму и НДС

Сумма- 0-00. НДС не облагается.

Язык

Узбекский  Русский

Печать OK Закрыть

//

Процедура ДобРекв (Стр, Рекв, Подск1, Подск2)

Если ПустаяСтрока (Стр) = 0 Тогда

Подск = Подск1 + Подск2 ;

Иначе

Подск = Подск2 ;

КонецЕсли ;

Если ПустаяСтрока (Рекв) = 0 Тогда

Стр = Стр + Подск + СокрП (Рекв) ;

КонецЕсли ;

КонецПроцедуры

//

```

Процедура ВводНового ();

    РасчетныйСчет =
    ВосстановитьЗначение ("ПлатежноеПоручениеРасчетныйСчет");

    Если РасчетныйСчет.Выбран() = 0 Тогда

        РасчетныйСчет = Константа.ОснБанковскийСчет;

        СохранитьЗначение ("ПлатежноеПоручениеРасчетныйСчет", Расчет
ныйСчет);

        КонецЕсли;

        ВидПлатежа =
        ВосстановитьЗначение ("ПлатежноеПоручениеВидПлатежа");

        //Если ВидПлатежа.Выбран() = 0 Тогда

        // ВидПлатежа = Перечисление.ВидыПлатежа.Почта;

        //
        СохранитьЗначение ("ПлатежноеПоручениеВидПлатежа", ВидПлатежа);

        //КонецЕсли;

        Очередность =
        ВосстановитьЗначение ("ПлатежноеПоручениеОчередность");

        Если (Очередность < 0) ИЛИ (Очередность > 6) Тогда

            Очередность = 6;

        СохранитьЗначение ("ПлатежноеПоручениеОчередность", Очередно
сть);

        КонецЕсли;

        АвтоПодстСуммыНДС =
        ВосстановитьЗначение ("ПлатежноеПоручениеАвтоПодстСуммыНДС"
);

        Если АвтоПодстСуммыНДС.Выбран() = 0 Тогда

            АвтоПодстСуммыНДС =
            Перечисление.ПодстановкаСуммыНДС.СуммаНДС;

        СохранитьЗначение ("ПлатежноеПоручениеАвтоПодстСуммыНДС", АвтоПо
дстСуммыНДС);

        КонецЕсли;

        СрокПлатежа = ДатаДок;

        СтавкаНДС = Константа.ОснСтавкаНДС;

```

```

        ЯзыкБланка = 1;
КонецПроцедуры
// _____
-----
Процедура РасчетНДС()
        НДС=Сумма*СтавкаНДС/(100+СтавкаНДС);
КонецПроцедуры
// _____
-----
Процедура УстДату()
        СрокПлатежа=ДатаДок;
КонецПроцедуры
// _____
-----
//Процедура ПриВыбореРасчетногоСчета()
//        РС = СоздатьОбъект("Справочник.БанковскиеСчета");
//        Если        РС.Выбрать("Укажите        расчетный
счет", "ФормаСписка") = 1 Тогда
//        РасчетныйСчет = РС.ТекущийЭлемент();
//
        СохранитьЗначение("ПлатежноеПоручениеРасчетныйСчет", Расчет
ныйСчет);
//        КонецЕсли;
//КонецПроцедуры
// _____
-----
Процедура ПриВыбореВидаПлатежа()
//Если ВидПлатежа.Выбран() = 1 Тогда
        СохранитьЗначение("ПлатежноеПоручениеВидПлатежа", ВидПлатеж
а);
//Иначе
//ВидПлатежа        =
ВосстановитьЗначение("ПлатежноеПоручениеВидПлатежа");

```

//КонецЕсли;

КонецПроцедуры

// \_\_\_\_\_

Процедура ПриВыбореОчередности()

Если (Очередность >= 0) И (Очередность <= 6) Тогда

СохранитьЗначение ("ПлатежноеПоручениеОчередность", Очередность);

Иначе

Очередность =  
ВосстановитьЗначение ("ПлатежноеПоручениеОчередность");

КонецЕсли;

КонецПроцедуры

// \_\_\_\_\_

Процедура ПриВыбореПодстановки()

Если АвтоПодстСуммыНДС.Выбран() = 1 Тогда

СохранитьЗначение ("ПлатежноеПоручениеАвтоПодстСуммыНДС", АвтоПодстСуммыНДС);

Иначе

АвтоПодстСуммыНДС =  
ВосстановитьЗначение ("ПлатежноеПоручениеАвтоПодстСуммыНДС") ;

КонецЕсли;

КонецПроцедуры

// \_\_\_\_\_

Процедура ФормирСтр(Орг, СтрПлПол, СтрБанкПлПол, Счет)

ДобРекв(СтрПлПол, ОрггодИНН, "", "ИНН ");

ДобРекв(СтрПлПол, ОрггодПолнНаименование, " ", "");

ДобРекв(СтрБанкПлПол, ОрггодБанкРасчетный, "", "");

ДобРекв(СтрБанкПлПол, ОрггодГородБанкаРасчетного, " ", "в ");

```
Если ОргодРасчеты=0 Тогда
//      ДобРекв (СтрПлПол, ОргодРасчСчет, " ", "р/с ");
      ДобРекв (СтрПлПол, ОргодРасчетныйСчет.Номер, " ", "р/с ");
//      ДобРекв (СтрПлПол, ОргодБанкОрг, " ", "в ");
      ДобРекв (СтрПлПол, ОргодРасчетныйСчет.Банк, " ", "в ");
      ДобРекв (СтрПлПол, ОргодГородБанка, " ", "в ");
      Счет=ОргодКоррСчетБанкаОрг;

Иначе
      Счет=ОргодРасчетныйСчет.Номер;

КонецЕсли;
КонецПроцедуры
```

```
// _____
```

```
Функция ФормирСтрТекст (Стр)
```

```
СтрТекст="";
```

```
Если Получатель.Расчеты=0 Тогда
```

```
      ДобРекв (СтрТекст, Стр, "", "Для ");
```

```
      Если ПустаяСтрока (СтрТекст)=0 Тогда
```

```
          СтрТекст=СтрТекст+".";
```

```
      КонецЕсли;
```

```
      Стр="";
```

```
//      ДобРекв (Стр, Получатель.БанкОрг, "", "");
```

```
      ДобРекв (Стр, Получатель.Банк, "", "");
```

```
//      ДобРекв (Стр, Получатель.АдресБанкаОрг, " ", "в ");
```

```
      ДобРекв (Стр, Получатель.ГородБанка, " ", "в ");
```

```
КонецЕсли;
```

```
Возврат СтрТекст;
```

```
КонецФункции
```

```
// _____
```

```

Функция ФормирСуммаНДС (Подст)
    СтрПодст="";
СтрСумма="";
СтрНДС="";
СтрКон="";
Номер=Подст.ПорядковыйНомер();
Если (Номер=1) ИЛИ (Номер=3) Тогда
    СтрСумма="Сумма- "+СокрЛ(Формат(Сумма, "Ч15.2-"));
КонецЕсли;
Если (Номер=1) ИЛИ (Номер=2) Тогда
    Если НДС=0 Тогда
        СтрНДС=". НДС не облагается";
    Иначе
        СтрНДС=",          в          т.ч.          НДС (" +СтавкаНДС+"%) -
"+СокрЛ(Формат(НДС, "Ч15.2-"));
    КонецЕсли;
КонецЕсли;
СтрПодст=СтрСумма+СтрНДС;
Если ПустаяСтрока(СтрПодст)=0 Тогда
    СтрПодст=СтрПодст+"."
КонецЕсли;
Возврат СтрПодст;
КонецФункции
// _____
Процедура Печать()
    СтрДата = "" + ДатаДок ;
    СтрДата
    ""+Сред(СтрДата, 1, 2)+Сред(СтрДата, 4, 2)+"19"+Сред(СтрДата, 7, 2) ;
    Дебет=СокрЛП(РасчетныйСчет.Номер);

```

// СтрБанкПлат=СокрЛП (РасчетныйСчет . БанкРасчетный) ;

Если РасчетныйСчет . ПрямыеРасчеты = 1 Тогда

Если ЯзыкБланка = 2 Тогда

СтрБанкПлат=СокрЛП (РасчетныйСчет . Банк) ;

Иначе

СтрБанкПлат=СокрЛП (РасчетныйСчет . НаименованиеУзб) ;

КонецЕсли ;

// БИКПлат=СокрЛП (РасчетныйСчет . БИКБанкаРасчетного) ;

БИКПлат=СокрЛП (РасчетныйСчет . БИКБанка) ;

Иначе

СтрБанкПлат=СокрЛП (РасчетныйСчет . БанкРасчетный) ;

БИКПлат=СокрЛП (РасчетныйСчет . БИКБанкаРасчетного) ;

КонецЕсли ;

ИННПлат=СокрЛП (Константа . ИННОрганизации . Получить (ДатаДок) )

;

СтрПол=Получатель . ПолнНаименование ;

// Кредит=Получатель . РасчетныеСчета . Номер ;

Кредит=СчетКонтрагента . Номер ;

// СтрБанкПол=Получатель . БанкРасчетный ;

// СтрБанкПол=СчетКонтрагента . БанкРасчетный ;

// СтрБанкПол=СчетКонтрагента . Банк ;

// БИКПол=СчетКонтрагента . БИКБанка ;

Если СчетКонтрагента . ПрямыеРасчеты = 1 Тогда

СтрБанкПол=СокрЛП (СчетКонтрагента . Банк) ;

БИКПол=СокрЛП (СчетКонтрагента . БИКБанка) ;

Иначе

СтрБанкПол=СокрЛП (СчетКонтрагента . БанкРасчетный) ;

```

БИКПол=СокрЛП (СчетКонтрагента.БИКБанкаРасчетного);
КонецЕсли;

ИННПол=Получатель.ИНН;

//
ФИОДиректора=Константа.Руководитель.Получить (ДатаДок);
ФИОДиректора=ФИО (Константа.Руководитель.Получить (ДатаДок))
;
//
ФИОГлБухгалтера=Константа.ГлБухгалтер.Получить (ДатаДок);
ФИОГлБухгалтера=ФИО (Константа.ГлБухгалтер.Получить (ДатаДок
));

СтрСумманДС=ФормирСумманДС (АвтоПодстСуммыНДС);

Таб=СоздатьОбъект ("Таблица");
Если ЯзыкБланка = 2 Тогда
    Таб.ИсходнаяТаблица ("ПлПор");
СтрПлат=СокрЛП (Константа.ПолноеНазвОрганизации.Получить (Дата
Док));
Иначе
    // Если сумма прописью на узб. языке, то открыть
след. строку
    Пропись (КаталогИБ ()+"UZB.sp1");
    Таб.ИсходнаяТаблица ("ПлПорУзб");

СтрПлат=СокрЛП (Константа.ПолнНаимУзб.Получить (ДатаДок));
КонецЕсли;

// Пропись ("UZB.sp1");
// Таб.ИсходнаяТаблица ("Таблица");

```

```

Таб.ВывестиСекцию ("Платежка");

Таб.Опции (0, 0, 0, 0, "ОпцииПечатиПлатежногоПоручения");
Таб.ТолькоПросмотр (0);
Таб.Показать ("Печать платежного поручения", "");
КонецПроцедуры
// _____
_____
Процедура ПриЗаписи()

    Если ДатаДок<= Константа.ДатаЗапретаРедактирования Тогда
        Предупреждение ("Нельзя записывать операции с датой,
        более ранней, чем дата запрета редактирования документов!");
        СтатусВозврата (0);
    КонецЕсли;

// -----
-
//      Операция.СуммаОперации = Сумма;
//      Операция.Содержание      =      "Платежное      поручение:
"+Получатель;
КонецПроцедуры
// _____
_____

```

Процедура ВводНового (Копирование) ;

Если Копирование = 1 Тогда //копирование документа

Возврат;

КонецЕсли;

ДатаПрописью= Константа.ДатаПрописью;

РасчетныйСчет  
глЗначениеПоУмолчанию ("ОснБанковскийСчет") ;

СтавкаНДС = 0;

СрокПлатежа = ДатаДок;

ВидПлатежа = Перечисление.ВидыПлатежа.Почта;

Очередность = 6;

АвтоПодстСуммыНДС  
Перечисление.ПодстановкаСуммыНДС.СуммаНДС;

с\_акцептом=1;

Акцепт="С акцептом";

Форма.УО.Доступность (0) ;

Форма.УсловиеОплаты.Доступность (0) ;

КонецПроцедуры

//-----

Процедура

ПриНачалеВыбораЗначения (ИдентЭлемДиалога, ФлагСтандОбр)

Если ИдентЭлемДиалога="Содержание" Тогда

СпрНазнПлат =  
СоздатьОбъект ("Справочник.НазначениеПлатежа") ;

Если СпрНазнПлат.Выбрать ("Выберите назначение  
платежа", "ФормаСписка") = 1 Тогда

Содержание = СпрНазнПлат.Содержание;

КонецЕсли;

ФлагСтандОбр = 0;

ИначеЕслиИдентЭлемДиалога="СтавкаНДС" Тогда

СпрНДС = СоздатьОбъект ("Справочник.СтавкиНДС") ;

Если СпрНДС.Выбрать ("Выберите ставку", "ФормаСписка")  
= 1 Тогда

СтавкаНДС = СпрНДС.Ставка;

КонецЕсли;

ФлагСтандОбр = 0;

КонецЕсли;

КонецПроцедуры

//-----

Процедура ПриВыбореОчередности ()

Очередность=? ( (Очередность<0)или (Очередность>6) , 6, Очердно  
сть) ;

КонецПроцедуры

//-----

Процедура Условие ()

Если Акцепт = 0 тогда

```

        СрокАкцепта=0;
        Форма.УО.Доступность (1) ;
        Форма.УсловиеОплаты.Доступность (1) ;
        Форма.СА.Доступность (0) ;
        Форма.СрокАкцепта.Доступность (0) ;

        Иначе
        УсловиеОплаты="";
        Форма.УО.Доступность (0) ;
        Форма.УсловиеОплаты.Доступность (0) ;
        Форма.СА.Доступность (1) ;
            Форма.СрокАкцепта.Доступность (1) ;
        КонецЕсли
КонецПроцедуры
//-----
Функция ВыводДаты (ДатаДок)
// Месяц даты числом или прописью
    СтрДаты="";
    Если ДатаПрописью=0 Тогда
        СтрДаты=Формат (ДатаДок, "Д ДДММГГГГ");
    ИначеЕслиДатаЧисло (ДатаДок) <10 Тогда
        СтрДаты="0"+Формат (ДатаДок, "Д ДДММММГГГГ");
    Иначе
        СтрДаты=Формат (ДатаДок, "Д ДДММММГГГГ");
    КонецЕсли;
    Возврат (СтрДаты)
КонецФункции
//-----
Процедура ПриВыбореРасчетногоСчета ()
    РС = СоздатьОбъект ("Справочник.БанковскиеСчета");
    РС.НайтиЭлемент (РасчетныйСчет);

```

```

    Если РС.Выбрать("Укажите расчетный счет","ФормаСписка") =
1 Тогда
        РасчетныйСчет = РС.ТекущийЭлемент();

        СохранитьЗначение("ПлатежноеТребованиеРасчетныйСчет",Расче
тныйСчет);

        КонецЕсли;

КонецПроцедуры
//-----

Процедура ПриОткрытии()
    Если Акцепт = 1 тогда
        Форма.УО.Доступность(0);
        Форма.УсловиеОплаты.Доступность(0);
        Форма.СА.Доступность(1);
        Форма.СрокАкцепта.Доступность(1);

    Иначе
        Форма.УО.Доступность(1);
        Форма.УсловиеОплаты.Доступность(1);
        Форма.СА.Доступность(0);
        Форма.СрокАкцепта.Доступность(0);

    КонецЕсли;

КонецПроцедуры
//-----

Процедура РасчетНДС()
    НДС=Сумма*СтавкаНДС/(100+СтавкаНДС);
КонецПроцедуры
//-----

Процедура УстДату()
    СрокПлатежа=ДатаДок;
КонецПроцедуры
//-----

```

```

Процедура Печать ()
    СтрАкцепта = ? (Акцепт=1, "С акцептом", "Без акцепта");
    СтрДаты = ВыводДаты(ДатаДок); // Месяц даты числом или
прописью
    Пропись (КаталогИБ () + "UZB.spl");
    СтрПлат = "";
    СтрБанкПлат = "";
    Дебет = "";
    БИКПлат = "";
    КоррСчетПлат = "";
    глПлатежныеРеквизиты (СчетКонтрагента, СтрПлат,
СтрБанкПлат, Дебет, БИКПлат, КоррСчетПлат, ДатаДок);

    СтрПол = "";
    СтрБанкПол = "";
    Кредит = "";
    БИКПол = "";
    КоррСчетПол = "";
    глПлатежныеРеквизиты (РасчетныйСчет, СтрПол, СтрБанкПол,
Кредит, БИКПол, КоррСчетПол, ДатаДок);

    СтрСуммаНДС =
ФормирСуммаНДС (АвтоПодстСуммыНДС, Сумма, НДС, СтавкаНДС);
    Таб=СоздатьОбъект ("Таблица");
    Таб.ВывестиСекцию ("Платежка");
    Таб.Опции (0, 0, 0, 0, "ОпцииПечатиПлатежногоТребования");
    Таб.ТолькоПросмотр (1);
    Таб.ПараметрыСтраницы (,,, 10, 0, 10, , , ,);
    Таб.Показать ("Платежное требование", "");

```