SUMMARY PROJECT FICHE

1. BASIC INFORMATION

1.1. Desiree Number: BG 0203.08

1.2. Title: EU standards and practices legal basis, implementing procedures and computerization at National level, in relation to DG TAXUD systems

1.3. Sector: Finance

1.4. Location: National Customs Agency (NCA)

2. OBJECTIVES:

2.1. Overall Objective

The overall objective of Bulgarian Customs Administration (BCA) for the period of 2002–2005 (2 years + 1 contingency) is as follows:

- To allow NCA Tariffs, Transit and Information Technology (IT) departments to adopt the EU standards and practices of the DG TAXUD business as a requirement for accession and to computerize these business at the national level (with the exception of the tariff systems computerization, which will be proposed in the Phare 2003 program) in order to achieve compatibility with the DG TAXUD systems. To further assist Trade Facilitation in automating the trader inputs to the Bulgarian Integrated Customs Information System (BICIS) as well as the system outputs to the Trade.

2.2. Project Purpose

This project proposal aims to:

1. Assist the National Customs Agency in creating the system of rules and preparing the conditions necessary for the uniform implementation of measures introduced in accordance with the agricultural, trade and other policies integrated in TARIC of the EU. Furthermore to develop the necessary draft Legal Instructions at national level aligned with the EU and including all the preconditions necessary to administer and apply TARIC as well as Tariff Quotas, Binding Tariff and Origin Information, Tariff suspensions, ECICS, TCO and Surveillance data.

2. Finalize the Bulgarian Transit Management System (BTMS) computerization as a subsystem of BICIS. Currently, Phase I of the BTMS, which covers all types of transit and NCTS requirements at National level. The future plan, which will be developed under this request (Transit Phase II), will include all the common aspects required by NCTS and conclude the whole transit computerization. The Transit Phase II project represents the adaptation of MCC and its’ integration with the BICIS system. This MCC adaptation/integration will be split in two logical areas:

   1. The adaptation/integration of the MCC (NCTS 3.1) into BICIS, based on a gap analysis of what currently exists in BICIS and what remains to be adapted, in order to bring the National transit level to the NCTS 3.1 level and allow NCA to join the transit convention. Roughly, the nationally undertaken development of Transit Phase 1 covers the MCC version 2.3 requirements.

   2. The remaining budget will be allocated towards the adaptation/integration of the future MCC developments, geared to cover functionality of NCTS specified under version 3.2 (Please see the conditionality chapter for this point).

   3. Allow the trade in preparing and sending to the BICIS system, all the necessary declaration work automatically. This will be achieved by the DTI (Direct Trader Input) developments. Furthermore, to allow the Trade and the Customs Officers to consult the system online and make the Customs
work more transparent to the public. This will be achieved by the development of a Customs Data Dissemination System on the web (DDS).

2.3. Accession Partnership and NPAA priority

**Regarding the legal and administrative requirements:**

This project proposal addresses the areas defined in the Accession Partnership (AP) and the National Program for Adoption of the Acquis (NPAA) as short- and medium-term priorities for Bulgaria’s membership preparation, as follows:

**Accession Partnership**
- Further alignment with the acquis is necessary, in particular in the field of TARIC

**Common Negotiating Position**
- By the end of 2003 the necessary preconditions for the operation of TARIC should be in place

**NPAA**

Short-term priorities
- Adoption of the Acquis for creation of the prerequisites for introduction of TARIC, including it in the Integrated Customs Information System;
- Adoption of Integrated Customs Tariff, which is the Bulgarian system related to TARIC;

Medium-term priorities
- Interconnectivity with the DG TAXUD data

**Regarding the computerization:**

In relation to Strategic justification, the 1999 **Accession Partnership** medium term objectives, state the following:
- Strengthen border control; **develop an integrated tariff; develop operational capacities and computerization of the Customs Administration**; reinforce fight against fraud and corruption;
- Further intensify international coordination and cooperation in the field of combating Trans-border crime, especially in the field of transiting, producing and selling drugs.

The Draft Proposal for Revising the Accession Partnership, part 4 “Priorities and immediate objectives”, section “Customs Union” states that: “In need of particularly urgent action: continue the implementation of the IT strategy of the Bulgarian customs administration. Develop IT systems so as to allow for the exchange of computerized data between the EC and Bulgaria.”

The above highlighted text represents the majority of this project request for computerization.

The current **NPAA** Report Chapter 25.11 Customs Union – Computerization, states exactly the requested project under the “Medium term priorities (2003-2004)” – Chapter 25.11.2.

Regarding the accession related needs the requested project is a vital project and will allow the Bulgarian Customs Administration to apply correctly and in timely manner EU interconnectivity requirements as specified in EU legislation. The project aims to computerize the necessary EU related functions at the national level, in order to be prepared in the future to exchange this information with the EC and the other member States.

The BCA approach to the EU Interconnectivity requirements is to adjust the Bulgarian Integrated Customs Information System (BICIS) in order to be able to apply the EU requirements. Substantial modifications and new developments are necessary on BICIS to adapt to the EU requirements and this project aims at addressing this issue. Consequently and following the success of this project, BCA will address the actual data interface developments as a separate project, which will be initiated one year prior to accession.

Additionally, in this project BCA aim at completing the computerization needs, which are essential to Trade facilitation.
3. DESCRIPTION

3.1. Background and justification

3.1.1. Background.

The proposed projects have been identified in the BCA Business and IT Strategies. The Business Strategy, a document approved by the Minister of Finance in September 1999, a new version of which has been prepared and undergoes formalities for approval, states specifically the need for development of Common/Community Transit system to achieve Convention membership for January 2004. It also sets the goal for Integrated Customs tariffs (ITMS) in compliance to the EU standards and practices. However, the ITMS development will be developed after the completion of the requested component 1 project (rules and administration of tariff measures project) and it will be presented for financial assistance in the Phare 2003 program. The IT Strategy plans for the computerization of the above systems to start at the time the current BICIS computerization related activities will conclude (end of 2002). These activities involve the current transit Phase I developments and the modernization of the existing system, which includes the Customs Clearance and current tariff systems, into a centralized web-based approach.

This approach depends on the success of the Communications infrastructure Improvement project undertaken by the Ministry of Finance. Customs though wants to escape from the heavy-client server approach, which causes maintenance difficulties and costs. Thus, Customs will develop the centralized system in two stages. Depending on the communications project evolution and success in time, BICIS business logic and databases will be replicated not in all 117 sites as it is today, but only in the sites which communications will not have reach the necessary standards. These sites are foreseen to be a small fraction of the total number of the Customs sites. The existing equipment installed assists in the distribution of the centralized system as they provide the necessary platform for that. As communications improve, the respective sites will be connected directly to the central system with relatively minor efforts.

More details about the technical environment are explained in the attached IT strategy. Understanding the technical environment approach also helps in understanding certain aspects of the requested projects, such as:

- The Phare 2001 “Implementation of the Reformed and Automated Transit System and Implementation of the EU Reform in the Customs Economic Regimes into the national customs legislation” Project will ensure that the computerization analysis documents meet the requirements for this project.

In relation to NCTS needs and MCC adaptation, the BTMS already includes functionality existing in MCC, which causes data compatibility problems and additional interface requirements between the two systems. Even if the additional MCC functions not handled by the BTMS could be extracted and adapted into the BICIS centralized architecture, still there is an issue of BICIS vs. MCC development approach. BICIS is developed using UML analysis tools (Rational Rose specifically). All the BICIS documentation at Analysis and Design level is standard and following the Rational unified Process (RUP) methodology. The BICIS implementation (coding) standards are based on Java 2 Enterprise Edition (J2EE) standards. Furthermore, BICIS is not developed in fractions but as a whole system with individual logical subsystems. This means that each application has the same Graphic User Interface (GUI) generator and the customs officers are exposed to similar screens, help facilities, and navigation tools through the system. All the logical subsystems use the same report generators, interface generators and other necessary common aspects. Introduction of a new approach will cause additional maintenance overheads and will defeat the modularity and open architecture approach of the BICIS system. All the above issues will be resolved by the adaptation of MCC requirements not covered under the current BICIS developments and their integration into the system.

- Another advantage of this approach is the means that the traders can process and receive information through the system. In this request this is addressed by the third immediate objective. In the current architecture (client server), automatic trader input could be achieved either by
introducing part of the system in the Trader offices (which includes tariff data for validation), or by giving exact interface requirements for the trader to develop their own declarations and send them electronically to BICIS for validation and acceptance. Both approaches have obvious disadvantages that either create additional maintenance sites, or circulate the document back and forth between Customs and the Traders until it is correctly validated. Under the centralized approach, security will be the emphasis than additional developments. The trade will be able to process electronic declarations on-line by entering the system as the Customs officers (via a web-browser) with specific security rights and protective equipment.

3.1.2. Project justification

The requested project is justified due to the following reasons:

- As a requirement for Accession to the EU.
- The legal basis for the DG TAXUD systems requires the national Customs Administrations to have the data necessary for interoperability with the EU systems and the Member states ready to be sent and received electronically at national level. Furthermore, the computerization of most of these systems is a EU legal requirement and an accession prerequisite.
- The correct and prompt application of Tariff related data, thus applying the correct duties and measures immediately.
- The correct application of controls in relation to goods movements in accordance to Common/Community transit requirements.
- To further facilitate the trade by the introduction of a computerized trader input and Customs business awareness issues.
- As an aim and strategic objective according to the Computerization Blueprint and in accordance to the key indicators in management, technical, application and operational policies.
- To ensure proper technical management and technical solutions during the system development period.

3.2. Linked activities.

EU Phare Multi-country Customs Program/Transit Facilitation & Customs Modernization
- **Transit North/South (Eurocustoms)** finished on 09.12.2000

EU Phare National Program
- **Harmonization of Bulgarian Customs Legislation (IB – Twinning with German Customs Administration)**
- **Technical assistance for implementation of BICIS and IT training for BCA**
  This project will continue for the future developments as specified in the request. BCA will ensure with this project that proper management for the requested developments will be in place as well as proper technical control for the subcontracted technical deliverables.
  The above project assisted BCA in acquiring the knowledge for producing this request. The “Interconnectivity with DG TAXUD Systems” project funded by DG TAXUD, Unit D2, from which BCA was also a beneficiary, also assisted in the completion of this project request. BCA also will benefit form the Customs functional training project, the results of which will assist in the creation of the terms of Reference for the requested projects 1 and 2.
- **Supply of communication equipment for the National Customs Agency** – signed on 08.12.2000
- **Supply of Hardware and Software for the BICIS** – signed on 27.12.2000.
  The above two projects have ensured the majority of the necessary equipment for BICIS. The acquired equipment will also be adequate for the requested project.
• Implementation of the Reformed and Automated Transit System and Implementation of the EU Reform in the Customs Economic Regimes into the national customs legislation – Phare 2001

Pre-Ins Facility 1998
• Fight against Corruption within the Bulgarian Customs Administration (IB – Twinning with (French and UK Customs Administrations)

National Contracts
• The Ministry of Finance contract with Information Services for 2002 developments
• The Ministry of Finance contract with Information Services for maintenance and system enhancements (until end of 2003). Preparatory discussions are on the way for ensuring the initiation of another maintenance contract, which will start in 2004 and will have duration of 3 years also.
• The Ministry of Finance contract for the Communications infrastructure improvements scheduled for completion in mid 2002.
• Crown agents contract with the Ministry of Finance (3 year contract)

3.3 Results

Component 1.
The result of this Institution Building direct service contract (Eurocustoms) will be as follows:
• Administrative capacity to adapt Bulgarian legislation in this field to the logical structure and system for management of the measures integrated in the developed by DG TAXUD Tariff related systems created.
• Administrative rules for co-operation and co-ordination with the other ministries which are directly responsible for the introduction of the various measures on import or export of goods at the national level developed
• User requirements necessary for the implementation of the ITMS at the national level (as specified in Component 2), in which to include all the additional national requirements other than the predefined ones as operating under the EU legislation prepared

Component 2.
The results of this service contract with supply elements addressing Investment in its’ implementation (programming) phase and Institution Building in its’ Analysis, Design, Testing, Acceptance, Training and Deployment phases, will be as follows:
• The finalization of the Transit Computerization to include the full scope of the Common/Community Transit – New Computerized Transit System (NCTS) requirements, by the adaptation and integration of MCC in addition to the existing developments.
• Trained Customs officers responsible for these procedures (approximately 2 people in every customs site-250. For this purpose trainers will be trained, which will be 2 staff from Central Customs Directorate, Regional Customs Directorates and Customs Houses -60).
• Operational and turnover to maintenance tasks completed for support by the MF contractor handling these activities and ensuring system integrity, operation and deployment during the project period.

Component 3.
The results of this service contract with supply elements addressing Investment in its’ implementation (programming) phase and Institution Building in its’ Analysis, Design, Testing, Acceptance, Training and Deployment phases, will be as follows:
• The Computerization of the following Trade oriented facilities:
  • Automated procedures for Direct Trader Input for the Customs Clearance business
  • An electronic Customs Data Dissemination system for the public.
• Trained traders, approximately 30 main trader representatives.
• Operational and turnover to maintenance tasks completed for support by the MF contractor handling these activities and ensuring system integrity, operation and deployment during the project period.
Component 4.

The results of this service contract addressing Institution building with an investment budget for initial physical implementation requirements will be:

- Technical assistance for the materialization of the above project developments through adequate project management advising. This will be achieved by an International long term expert in Project Advisor, assisted by a Local long term Administrative assistant.
- Technical Assistance for the proper finalization of the above project developments through adequate evaluation of the technical deliverables, in accordance with the BCA IT strategy and the system requirements. This will be achieved by the use of Local and International short-term experts in the IT technical fields for:
  - Analysis
  - Technical Design
  - Technical testing
  - Implementation (Programming)
  - Ad-hoc Technical training of NCA IT staff

3.4 Activities

Component 1. Development of rules for administration of measures introduced in accordance with the Bulgarian agricultural, trade and other policies relating to import and export of goods using the concept on which the EU TARIC and other tariff related practices are based.

- Participation in tariff related legislation preparation together with other in charge of ministries
- Consultation of draft legal acts in view of their practical applicability
- Examination of legal acts drafts for possible errors and change request when necessary
- Consultation with legal services in case of interpretation differences
- Incorporation and maintenance of applicable legislation relevant for import and export into the Integrated Customs Tariff computer system
- Actual design of the national tariff database matching that of the TARIC, consisting of the following groups and data stores:
  - Nomenclature - Nomenclature group, Combined Nomenclature, Taric code, Additional code
  - Regulation - Regulation type, Regulation Group, Regulation Replacement, Abrogation Regulation, Prorogation Regulation, Modification Regulation
  - Geographical area - Country, Country Group, Region
  - Measure - Measure Type (import prohibition, applicable duty rate,…), Measure Action, Measure Condition, Duty Expression
  - Footnote - Footnote Type
  - Other Reference - Meursing Tables, Certificate Type, Monetary Unit, Measurement Unit
- Development of suitable working practices and organization of Customs administration
- Analysis of Bulgarian legislation concerning importation and exportation of goods applied by customs administration consisting of:
  - Structuring of the legislation according to the measures introduced in it on the basis of the ones defined in Annex 2 to the Combined Nomenclature
  - Developing of descriptions for each legal act including the list of goods which it concerns, the customs procedures to which it relates, the period of validity, the countries or group of countries involved, the competent authorities in respect of their introduction and application, and the documents required
- Development of written procedures on the requirements to each draft of legal act in respect of customs control in order to comply with the condition to be codified
- Preparation of amendments to legal acts in order to achieve the above mentioned requirements and conditions and to allow their accurate and uniform application by customs and economic operators
- Preparation of documentary system for all measures including:
  - Provisions of the legal acts on the base of which each measure is introduced,
procedures for application on importation, exportation or transit of good,
possible exclusion,
competent authorities
documents required
Defining of Bulgarian reference tables
Development of training plans for customs officers and economic operators for work with the described system
Development of internal procedural activities in order to improve working practice:
• in respect of personnel within Tariff management Department - revision of roles and responsibilities, training, redeployment
• in respect of customs procedures - analysis of the effects on declaration processing, revenue collection and statistical data capture
• in respect of other national authorities - improve coordination with other ministries
• in respect of traders - ensuring electronic data exchange and direct trader input, organizing of seminars and workshops, publication of useful information and guidelines
Specifying of the additional national requirements to be included into the integrated tariff management system

Component 2 – Completion of the Bulgarian Transit Management System (BTMS) including all the common NCTS requirements

At the time of the requested project initiation, the BTMS status will cover roughly the NCTS requirements expressed under the MCC phase 2.3
As a first stage, the MCC system will be adapted and integrated into the BTMS (part of BICIS) to cover the remaining requirements and bring the national system to NCTS 3.1 compatibility levels.
As a second stage, the adaptation and integration of the future NCTS developments, currently specified as NCTS 3.2 (see conditionality section).
Training of customs officers responsible for these procedures (approximately 2 people in every customs site-250. For this purpose trainers will be trained, which will be 2 staff from Central Customs Directorate, Regional Customs Directorates and Customs Houses -60).

Component 3 – Trade and Customs officers facilitation enhancements

As mentioned in the immediate objectives section, BCA will undertake the following developments:

• Develop a National Data Dissemination System (NDDS). Extensive analysis will be performed at the initial phase of this project to ensure that efforts undertaken by the EC already (DDS) will not be redeveloped. Access possibilities of BCA staff to the EC DDS system will also be evaluated according to the BCA security and communications policy. For this CCN/CSI access to Customs officers through the country will be examined as well as Internet access rights. For the trade, the issue will rest on availability of EC DDS data in Bulgarian and additional national data to be disseminated on the Customs web site.
• Improve the Customs Clearance system in BICIS by developing a direct trader input facility into the system in accordance to the BICIS environment architecture. This will allow the trade to enter BICIS directly from their offices, without using any BICIS modules in their premises. Specific security right will be given to the trade, which will be able to input declarations and validate them on-line. Additionally, reply information will be forwarded in form of messages from BICIS to the trade. Transit DTI will be excluded from this development, since it is handled by the previous project (2).
• Training the traders, approximately 30 main trader representatives.
Component 4 – Management, Co-ordination and Evaluation assistance

BCA requests to maintain a minimum structure of Technical Assistance at the Project Advisor level with administrative and interpretation assistance with the following main responsibilities:

- Assist in managing the progress and the quality of the developments.
- Co-ordinate and interface with other agencies and/or EU and Member States in respect to the development activities, such as the European commission (DG TAXUD and EC delegation in Bulgaria and other Member states Customs Administrations that might assist in this project.
- Assist in the co-ordination of activities between the sub-contractors, the Ministry of Finance IT department, the BCA IT department, the BCA User departments and ensure that the developments progress according to the MF and BCA strategies
- Co-ordinate the activities with other related projects impacting or assisting the computerization project such as the Tariff department assistance request.
- Co-ordinate the implementation of systems required for this project and under the scope of other agencies, such as the CCN/CSI implementation, which is vital for the NCTS project and will be managed by the MF IT department.
- Ensure continuance of the project according to the IT strategy and adequate knowledge turnover in case of management staff changes.
- Assist the BCA PIU in proceeding with contractual payments resulting from proper evaluation of project deliverables.

Under the same technical assistance scope, BCA requests the ability to evaluate the technical performance and criteria of the subcontracted deliverables. BCA IT, being mainly a management and supervisory unit of IT activities with some additional IT expertise, does not have the administrative capacity to maintain a variety of technical staff for technical activities and evaluation. According to the BCA IT strategy and organizational structure, all the development and maintenance activities are subcontracted and BCA maintains the necessary staff to manage the process of these activities and provide support to its Users. Technical compliance and evaluation of the subcontracted activities is necessary to BCA, in order to ensure that the overall technical strategy is met and the quality of the technical deliverables, specifically in the Analysis, Design and Implementation phases, is as expected. This will be achieved by subcontracting under this contract short-term experts in the above areas either local and/or international.

The above assistance is in line with the DG TAXUD recommendations at the Brussels Seminar documentation Ref.: “Inter-operability Implementation Strategy” for the positions of the External Project advisor and Short Term experts BCA has combined these profiles for both projects (ITMS and Transit) into one position for Project advisor, who will be coordinating the activities of the short term experts also and the technical training courses requested during the project duration. This team will also include an administrative assistant and will have a direct cost budget to handle also translations from the project-required language under PHARE rule, which is English to Bulgarian. This assistance aims to support the Transit project for its’ full duration and the ITMS project in its’ preparation phase as well as the first year (out of 2 years scheduled) of its’ development.
4. **Institutional Framework**

The NCA is a part of the Ministry of Finance and is responsible for the collection of Customs duties, Excise duties and VAT on imports and the prevention of illegal imports and exports. It collects about 40% of the revenues of the state budget. The organizational structure of BCA is presented in detail in the attached IT Strategy Section 3.

The NCA is structured in four hierarchical levels:

- Central Customs Directorate;
- 5 Customs Regions coordinated by Regional Customs Directorates;
- 17 Customs houses;
- 101 Customs bureau and Customs posts.

The existing Training centers in Sofia, Plovdiv and Russe will be used for organizing of training courses and seminars.

Over 3,800 staff is employed by NCA.

The new Customs Code and Implementing Regulations have been enforced since 01.01.1999. The NCA has supported, from the very beginning the Commission’s Pre-accession Strategy for the Customs and Taxation Sector. A Pre-accession Unit (PAU) has been created. The NCA performed the gap- and needs-analyses vis-à-vis the Commission’s Customs Blueprints in the key areas of the Customs business. Subsequently, the NCA Business Strategy was developed (1999) and approved by the Ministry of Finance (October 1999). The revised Business Strategy has been submitted to the Ministry of Foreign Affairs at the end of October 2001. Annex to this Strategy is the Detailed Financial Plan of the budgetary and human resources needed to fully implement the business strategy of the Bulgarian customs administration, which defines precise tasks, responsibilities, deadlines and required financial and human resources.

The NCA will support the implementation of the proposed project by assuring the necessary organizational environment, making available the necessary personnel.

The MF will also support these projects by ensuring Corrective and Evolutive maintenance of the existing developments as well as introduce financial assistance to this project. The MF will issue supplementary contract requests to assist the development of these activities, if needed.

5. **Detailed Budget** (in MECU):

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<th>Component</th>
<th>Investment**</th>
<th>Institution Building*</th>
<th>Total Phare (=I+I B)</th>
<th>Recipient***</th>
<th>IFI</th>
<th>TOTAL</th>
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<td>1. Development of rules for administration of measures introduced in accordance with the Bulgarian agricultural, trade and other policies relating to import and export of goods using the concept on which the EU TARIC and other tariff related practices are based</td>
<td>0.35</td>
<td>0.35</td>
<td>0.35</td>
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<td>2. Completion of the Bulgarian Transit Management System (BTMS) including all the common NCTS requirements</td>
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### Component Investment

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<th>Total Phare (=I+IB)</th>
<th>Recipient***</th>
<th>IFI</th>
<th>TOTAL</th>
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<tbody>
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<td>3. Trade and Customs officers facilitation enhancements</td>
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<td>4. Management, Co-ordination and Evaluation assistance</td>
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<td><strong>2.85</strong></td>
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</table>

(*) In relation to changes in management, procedures, legislation, enforcement, training and general activities and services as result of investments. In relation to software development the parts of: Analysis, Design, Testing, Acceptance, Training and Deployment phases.

(**) In relation to infrastructure, equipment, software development the parts of: programming and installation phases.

(***) Operational and maintenance costs are covered and ensured from national budget (MF contract to the MF system integrator, Information Services Plc., maintenance and enhancements contract).

### 6. IMPLEMENTATION ARRANGEMENTS

#### 6.1 Implementing agency

This will be the responsibility of the Central Financing and Contracting Unit (CFCU), PAO - Mr. Katev, Deputy Minister, Ministry of Finance; 102, Rakovsky St. Sofia 1040, Bulgaria; phone +359 2 9859 2772, 359 2 9859 2777, fax +359 2 9859 2773.

The overall technical responsibility is under National Customs Agency.


Project implementation controller: Steering Committee, Chairman Mr. Asen Asenov – Director of National Customs Agency, Ministry of Finance.

The NCA has established a special organizational structure for the technical management and monitoring of the project, which comprises a Project Officer, a Steering Committee (SC), a Program Implementation Unit (PIU) and dedicated Project Implementation Team.

The SC monitors, supervises and co-ordinates the overall progress and implementation of the program. The Director of the NCA chairs this Committee. The SC provides guidance for the different phases of the project, approves the results, and defines priorities. The PIU carries out the day-to-day management of the project. Its role is to administer and resolve all issues, concerned with the management of the project, including planning and identification of tasks, reporting, preparation of Terms of Reference, participation in tendering, monitoring and evaluation of the activities. The PIU director reports to the chairman of the SC.

Contact person – Ms. Rumyana Tonchovska

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#### 6.2. Twinning

Not applicable.
### 6.3 Non standard aspects

The Project will be a direct follow up of the ‘Customs Functional Training’ Project, which is currently implementing via a Negotiated procedure with Eurocustoms. A new Contract with Eurocustoms will ensure continuity and complement of the activities and will give the possibilities to use the same key experts. It would ensure the most efficient use of resources, facilitate the preparatory work and avoid delays as regards the start of the project. It’s of significant importance for us to start the project as soon as possible because of the requirement laid down in Business Strategy and the corresponding Action Plan. Eurocustoms is only provider of technical assistance in the customs aria, which has direct access to Member States customs operative officials and can deliver the professional expertise and experience needed. Some of the experts have been already acquainted with part of our aquis, they are familiar with the general conditions in Bulgaria and the level we have reached. Most of the experts needed for the successful implementation of this project should have unique knowledge in the EU customs automation area. They could posses this knowledge only if they are Member states customs officials. Direct contract with Eurocustoms is the only way to transfer this knowledge to the Bulgarian Customs Administration.

### 6.4 Contracts

To maximize the effectiveness of the proposed projects, NCA foresees the following main contracts:

- **Contract 1 (component 1): Direct Service** contract with Eurocustoms utilizing the experts a week each month in an intensive 6-month period.

- **Contract 2 (component 2): Service contract with Supply element** divided in two (2) Lots, for duration of 2 years, plus one-year contingency plan. **Lot 1** will include the gap analysis between the current national system (BTMS part of BICIS) and the MCC 3.1 adaptation and integration into the national system. **Lot 2** will include the future NCTS 3.2 adaptation and integration.

- **Contract 3 (component 3): Service contract with Supply element** divided in three (2) Lots, for duration of 2 years, plus one-year contingency plan. **Lot 1** will include the DDS developments; **Lot 2** will include the rest (DTI, etc.).

- **Contract 4: (component 4) Service** contract for Technical Assistance for component 4 for a duration of 2 years including:
  - A full time international Project Advisor
  - A full time local administrative assistant
  - Ad-hoc local and/or international technical experts on a needs basis to cover the assurance of correct deliverables in the following main areas:
    - Analysis
    - Design
    - Testing
    - Implementation (development)
    - Acceptance
    - Training
    - Deployment/roll-out
  - Technical training required for the NCA IT staff
  - A direct cost budget to include running, translation, interpretation and other costs.
  - Work-shops budget
7. IMPLEMENTATION SCHEDULE

7.1 Start of tendering/preparation of twinning covenant: November 2002
7.2 Start of project activity: February 2003
7.3 Project completion: Within 2 years (+1 year contingency)

8. EQUAL OPPORTUNITY

Equal participation in this project of women and men will be enforced at the start of the project. All periodical progress review reports and other interim reports will include a specific chapter providing detailed explanations on measures and policies taken with respect to this equal opportunity for women and men and will provide measurements of achievement of this goal.

9. CONDITIONALITY AND SEQUENCING

The project has been prepared and specified initially in the course of the preceding Phare Program (BG9806). Subsequently, it has been amended to take into account the Commission’s Pre-accession Strategy in the Customs sector.

9.1 Conditionality

- Clear co-operation and communication with the Ministry of Finance is necessary and currently well established.
- The BICIS Project Steering Committee, chaired by the Director General of Customs, will manage the project.
- Full commitment from the beneficiary to transparently co-operate with external project experts
- Operational and maintenance costs are covered and ensured from national budget
- An updated version of the BCA IT Strategy has been produced, Version 4.0, and has been attached to this document, as well as the updated strategy project plan.
- A technical precondition is also the conclusion of the current developments in the area of the current system re-engineering on a centralized approach and the Transit Phase I, which are foreseen to end at the latest during the 4th quarter of 2002.
- As a BICIS viability issue, is the condition of the NCA and the Ministry of Finance to ensure the continuous maintenance of the project beyond the existing maintenance contract date (end of 2003) and at least for the duration of the Phare projects (end of 2006).
- As a component-2 conditionality (Transit), and specifically for works under Lot 2, works which have not been exactly identified yet the following conditions should be met:
  - If the MCC developments for phase 3.2 are completed in reasonable time before the end of the commitment and disbursement period, NCA and the MF will assess the possibility to co-financing the lot 2 activity in order to ensure in time project completion.
  - If the MCC developments for phase 3.2 are not completed in reasonable time before the end of Phare 2002 Financing Memorandum commitment and disbursement period, then the costs for the Lot 2 activities will be re-examined and funding should be re-allocated.
- As a national priority, without any direct impact on the works requested in this project Fiche, is the completion of the BICIS 2.2 and 3 phases, which include the Customs Debt, Enforcement, Customs Authorization and Inspectorate applications. The exact completion date for these phases depends on the current development of detailed project plans. However analysis and Design works have already started. NCA expects these developments to be finished no later than mid 2003. In the current project plan, a contingency has been allocated for 6 months starting on January 1st 2003. Upon the completion of the detailed plans a better completion date will be inserted in the project plan.
9.2 Sequencing

Component 1 will utilize the experts (national and international) a week per month for the first 6 months. Following that the experts will be utilized once each two months for an one-year period for ensuring the computerization results in the User requirements/Analysis.

The requested computerization development projects (Components 2,3) will follow the standard sequence of project developments as follows:

- Analysis
- Design
- Testing
- Implementation (development)
- Acceptance
- Training
- Deployment/roll-out

Component 4 will implement a full time Project Advisor and an Administrative Assistant.
Technical experts (local and/or international) will be called upon a need basis and sub-contracted following Phare procedures, to evaluate the development (above point) sequencing deliverables.

ANNEXES

1. Log-frame in standard format.
2. Detailed implementation time chart in standard format.
3. Cumulative contracting and disbursement schedule

ATTACHMENTS

1. BCA Business Strategy
2. BCA IT Strategy
3. BCA IT Strategy Plan
## ANNEX 1: LOGFRAME PLANNING MATRIX FOR

**PROJECT:**
EU STANDARDS AND PRACTICES LEGAL BASIS, IMPLEMENTING PROCEDURES AND COMPUTERIZATION AT NATIONAL LEVEL, IN RELATION TO DG TAXUD SYSTEMS

**OF THE BULGARIAN NATIONAL CUSTOMS AGENCY (NCA)**

<table>
<thead>
<tr>
<th>Overall Objective</th>
<th>Objectively Verifiable Indicators</th>
<th>Sources of Verification</th>
</tr>
</thead>
<tbody>
<tr>
<td>To allow NCA Tariffs, Transit and Information Technology (IT) departments to adopt the EU standards and practices of the DG TAXUD business as a requirement for accession and to computerize these business (with the exception of tariffs, which has been moved to the Phare 2003 request) at the national level in order to achieve compatibility with the DG TAXUD systems. To further assist Trade Facilitation in automating the trader inputs to the Bulgarian Integrated Customs Information System (BICIS) as well as the system outputs to the Trade</td>
<td>NCA in full compliance with accession requirements and the Blueprints standards in the key areas of the Customs business addressed by this project.</td>
<td>BCA legal basis and implementing procedures in relation to these projects. BCA users and member state users (through the Tariff-Phare 2002 and Transit- Phare 2001 user departments projects) will verify the results. DG TAXUD specialists will evaluate the results. Technical assistance will ensure the realization of the objective. Regular reporting on the progress of the projects.</td>
</tr>
</tbody>
</table>

**Project Purpose**

**Objectively Verifiable Indicators**

- Improved organization, management and operational capacity of NCA in respect of implementation and administration of the various measures at importation and exportation.
- Increased efficiency of NCA in trade facilitation and fight against fraud.
- Revenue collection and transparency increased.
- Improved NCA’s application of EU legal requirements.

**Sources of Verification**

- Regular Commission and Bulgarian Government review viz. the relevant Blueprints’ standards and DG TAXUD systems requirements.
- Regular Customs Administrative and Operational Capacity Reports, as part of the Screening process, and reports of the EU-Bulgaria Customs Steering committee.

**Assumptions**

- Bulgarian Government maintains consistent policy viz. the Customs Agency, in line with the ‘Declaration of Endorsement of the Commission’s Pre-accession Strategy for Customs and Tax administrations’. Sufficient administrative capacity well trained personnel.
### Component 1
- Administrative capacity to adapt Bulgarian legislation in this field to the logical structure and system for management of the measures integrated in the developed by DG TAXUD Tariff related systems created.
- Administrative rules for co-operation and co-ordination with the other ministries which are directly responsible for the introduction of the various measures on import or export of goods at the national level developed.
- User requirements necessary for the implementation of the ITMS at the national level in which to include all the additional national requirements other than the predefined ones as operating under the EU legislation prepared.

### Component 2
Computerized:
- Common/Community Transit – New Computerized Transit System (NCTS) requirements
- Trained Customs officers responsible for these procedures (approximately 2 people in every customs site-250. For this purpose trainers will be trained, which will be 2 staff from Central Customs Directorate, Regional Customs Directorates and Customs Houses -60).

### Component 3
Computerized:
- Automated procedures for Direct Trader Input for the Customs Clearance business
- An electronic Customs Data Dissemination system for the public.
Trained traders, approximately 30 main trader representatives.

### Component 4
- The materialization of the above project developments through adequate project technical coordination and quality.
- The proper finalization of the above project developments through adequate evaluation of the technical deliverables, in accordance with the BCA IT strategy and the system requirements.

<table>
<thead>
<tr>
<th>Results</th>
<th>Objectively Verifiable Indicators</th>
<th>Sources of Verification</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepared user requirements necessary for the implementation of the ITMS at national level;</td>
<td>The Bulgarian State Gazette.</td>
<td>Close co-ordination with other initiatives in the sector.</td>
<td></td>
</tr>
<tr>
<td>Improved administrative capacity for adapting the Bulgarian legislation to the logical structure and system for management of the measures integrated in the ITMS;</td>
<td>Published Decisions of the Bulgarian Government and of the Ministry of Finance.</td>
<td>Close co-ordination between the NCA business departments (Tariff, Transit, etc.) and the NCA IT department.</td>
<td></td>
</tr>
<tr>
<td>Customs training program designed and delivered to all Customs officers;</td>
<td>Memoranda of Understanding signed between the NCA and other Governmental Agencies and Trade Community.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management training program sustained by NCA;</td>
<td>Published booklets/leaflets for Trade Community and the General Public.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade training program sustained by NCA;</td>
<td>Adopted third-level Customs legislation: Instructions to Customs staff.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved internal communication within NCA;</td>
<td>Regular reports of the Commission’ services and Technical Assistance.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved co-operation and exchange of information with other Agencies, trade community and general public;</td>
<td></td>
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<tr>
<td>Reorganized transit regime, in compliance with the requirements of the Common Transit Convention;</td>
<td></td>
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</tr>
<tr>
<td>BICIS updated in compliance with the NCTS technical and functional requirements at the national level;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administrative capacity and project management techniques in place to develop large projects;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activities</td>
<td>Means</td>
<td>Assumptions</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Component 1. <strong>Development of rules for administration of measures introduced in accordance with the Bulgarian agricultural, trade and other policies relating to import and export of goods using the concept on which the EU TARIC and other tariff related practices are based.</strong></td>
<td></td>
<td>Customs legislation and procedures compliant with the developments of the EU legislation and procedures.</td>
<td></td>
</tr>
<tr>
<td>• Participation in tariff related legislation preparation together with other ministries</td>
<td>Direct service</td>
<td>The current BICIS IT developments for Transit Phase I, and re-engineering of the existing system to a centralized web-based approach have to be concluded prior to component 2 and 3 initiations.</td>
<td></td>
</tr>
<tr>
<td>• Consultation of draft legal acts in view of their practical applicability</td>
<td>contract to</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Examination of legal acts drafts for possible errors and change request when necessary</td>
<td>Eurocustoms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Consultation with legal services in case of interpretation differences</td>
<td>Service contracts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Incorporation and maintenance of applicable legislation relevant for import and export into the Integrated Customs Tariff computer system</td>
<td>with supply elements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Actual design of the national tariff database matching that of the TARIC, consisting of the following groups and data stores:</td>
<td>Service contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Nomenclature - Nomenclature group, Combined Nomenclature, Taric code, Additional code</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Regulation - Regulation type, Regulation Group, Regulation Replacement, Abrogation Regulation, Prorogation Regulation, Modification Regulation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Geographical area - Country, Country Group, Region</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Measure - Measure Type(import prohibition, applicable duty rate,…), Measure Action, Measure Condition, Duty Expression</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Footnote - Footnote Type</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Other Reference - Meursing Tables, Certificate Type, Monetary Unit, Measurement Unit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Development of suitable working practices and organization of Customs administration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Analysis of Bulgarian legislation concerning importation and exportation of goods applied by customs administration consisting of:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• structuring of the legislation according to the measures introduced in it on the basis of the ones defined in Annex 2 to the Combined Nomenclature</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• developing of descriptions for each legal act including the list of goods which it concerns, the customs procedures to which it relates, the period of validity, the countries or group of countries involved, the competent authorities in respect of their introduction and application, and the documents required</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Development of written procedures on the requirements to each draft of legal act in respect of customs control in order to comply with the condition to be codified</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Preparation of amendments to legal acts in order to achieve the above mentioned requirements and conditions and to allow their accurate and uniform application by customs and economic operators</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Preparation of documentary system for all measures including:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• provisions of the legal acts on the base of which each measure is introduced, procedures for application on importation, exportation or transit of good,</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>• possible exclusion,</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>• competent authorities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• documents required</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Defining of Bulgarian reference tables</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>• Development of training plans for customs officers and economic operators for work with the described system</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
- Development of internal procedural activities in order to improve working practice:
  - in respect of personnel within Tariff management Department - revision of roles and responsibilities, training, redeployment
  - in respect of customs procedures - analysis of the effects on declaration processing, revenue collection and statistical data capture
  - in respect of other national authorities - improve coordination with other ministries
  - in respect of traders - ensuring electronic data exchange and direct trader input, organizing of seminars and workshops, publication of useful information and guidelines
- Specifying of the additional national requirements to be included into the integrated tariff management system

**Component 2 – Completion of the Bulgarian Transit Management System (BTMS) including all the common NCTS requirements**
- As a first stage, the MCC system will be adapted and integrated into the BTMS (part of BICIS) to cover the remaining requirements and bring the national system to NCTS 3.1 compatibility levels.
- As a second stage, the adaptation and integration of the future NCTS developments, currently specified as NCTS 3.2 (see conditionality section).
- Training of customs officers responsible for these procedures (approximately 2 people in every customs site-250. For this purpose trainers will be trained, which will be 2 staff from Central Customs Directorate, Regional Customs Directorates and Customs Houses -60).

**Component 3 – Trade and Customs officers facilitation enhancements**
- Develop a National Data Dissemination System (NDDS).
- Improve the Customs Clearance system in BICIS by developing a direct trader input facility into the system
- Training the traders, approximately 30 main trader representatives.

**Component 4 – Management, Co-ordination and Evaluation assistance**
- Assist in managing and coordinating the progress and the quality of the developments.
- Co-ordinate and interface with other agencies and/or EU and Member States in respect to the development activities, such as the European commission (DG TAXUD and EC delegation in Bulgaria and other Member states Customs Administrations that might assist in this project.
- Assist in the co-ordination of activities between the sub-contractors, the Ministry of Finance IT department, the BCA IT department, the BCA User departments and ensure that the developments progress according to the MF and BCA strategies
- Co-ordinate the activities with other related projects impacting or assisting the computerization project such as the Tariff department assistance request.
- Co-ordinate the implementation of systems required for this project and under the scope of other agencies, such as the CCN/CSI implementation, which is vital for the NCTS project and will be managed by the MF IT department.
- Ensure continuance of the project according to the IT strategy and adequate knowledge turnover in case of management staff changes.
- Assist the BCA PIU in proceeding with contractual payments resulting from proper evaluation of project deliverables.
- Evaluate the technical performance and criteria of the subcontracted deliverables through the use of Local and International technical experts.

**Preconditions**
- Full commitment from the beneficiary to transparently co-operate with external project experts
- Operational and maintenance costs are covered and ensured from national budget
## ANNEX 2: DETAILED TIME IMPLEMENTATION CHART FOR THE PROJECT

EU STANDARDS AND PRACTICES LEGAL BASIS, IMPLEMENTING PROCEDURES AND COMPUTERIZATION AT NATIONAL LEVEL, IN RELATION TO DG TAXUD SYSTEMS OF THE BULGARIAN NATIONAL CUSTOMS AGENCY (NCA)

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component 1</td>
<td></td>
<td>D D D D</td>
<td>C C C C C</td>
<td>I I I I I</td>
</tr>
<tr>
<td>Component 2</td>
<td></td>
<td>D D D D</td>
<td>C C C C C</td>
<td>I I I I I</td>
</tr>
<tr>
<td>Component 3</td>
<td></td>
<td>D D D D</td>
<td>C C C C C</td>
<td>I I I I I</td>
</tr>
<tr>
<td>Component 4</td>
<td></td>
<td>D D D D</td>
<td>C C C C C</td>
<td>I I I I I</td>
</tr>
</tbody>
</table>

**Notes:**
- **D** = Design of twinning covenant/tender procedure
- **C** = Contracting period
- **I** = Implementation
- **X** = Closure
CUMULATIVE CONTRACTING AND DISBURSEMENT SCHEDULE

EU STANDARDS AND PRACTICES LEGAL BASIS, IMPLEMENTING PROCEDURES AND COMPUTERIZATION AT NATIONAL LEVEL, IN RELATION TO DG TAXUD SYSTEMS OF THE BULGARIAN NATIONAL CUSTOMS AGENCY (NCA)

All figures in million EUROS

<table>
<thead>
<tr>
<th></th>
<th>31/12/02</th>
<th>31/03/03</th>
<th>30/06/03</th>
<th>30/09/03</th>
<th>31/12/03</th>
<th>31/03/04</th>
<th>30/06/04</th>
<th>30/09/04</th>
<th>31/12/04</th>
<th>31/03/05</th>
<th>30/06/05</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTRACTED (1)</td>
<td>0,35</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DISBURSED</td>
<td>0,10</td>
<td>0,125</td>
<td>0,125</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>CONTRACTED (2)</td>
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<td></td>
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<td></td>
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</tr>
<tr>
<td>DISBURSED</td>
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<td>0,19125</td>
<td>0,19125</td>
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<td>0,19125</td>
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<tr>
<td>CONTRACTED (3)</td>
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<td>0,80</td>
<td></td>
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<td>DISBURSED</td>
<td>0,24</td>
<td>0,0725</td>
<td>0,0725</td>
<td>0,0725</td>
<td>0,0725</td>
<td>0,0725</td>
<td>0,0725</td>
<td>0,0725</td>
<td>0,0725</td>
<td>0,0725</td>
<td>0,08</td>
</tr>
</tbody>
</table>

NB: 1. All contracting should normally be completed within 6-12 months and must be completed within 24 months of signature of the FM.
2. All disbursements must be completed within 36 months of signature of the FM.
Detailed plan of the activities for implementation of the objectives and the tasks included in the Strategy for rationalization of the BCA border operations

List of abbreviations

CM – Council of Ministers
MF – Ministry of Finance
MJ – Ministry of Justice
MI – Ministry of Interior
MH – Ministry of Health
MAW – Ministry of Agriculture and Woods
MRDPW – Ministry of Regional Development and Public Works
SASM – State Agency for Standardisation and Metrology
GTD – General Tax Directorate
BFI – Agency “Bureau for Financial Intelligence”
NSI – National Statistic Institute
BCCI – Bulgarian Chamber of Commerce and Industry
BIA – Bulgarian Industrial Association
"IS" Plc. – “Informational Services” Plc.
EC – European Commission

NCA – National Customs Agency
RCD – Regional Customs Directorate
CII – “Customs Intelligence and Investigation” Directorate
CIIDT - “Customs Intelligence and Investigation of the Drug Traffic” Directorate
ALIS – “Administrative-legal and Information Service” Department
FEAPMD – “Finance Economic Activity and Property Management” Directorate
CRP – “Customs Regimes and Procedures” Directorate
PCC – “Post Clearance Control” Directorate
EIIC – “European Integration and International Cooperation” Directorate
CSA – “Customs Statistics and Automation” Directorate
CA - Crown Agents
Objective 1: Strengthening the fight against customs and currency violations and fraud

Task 1.1 Optimisation of the activities on implementation and functioning of risk analysis and customs control selectivity techniques, assuring systematic, comprehensive, flexible and consistently applied customs control.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Improvement of the existing risk profiles and criteria for selective control</td>
<td>Permanent</td>
<td>1. Revision of risk profiles and their accomplishment in every place of customs control</td>
<td>CII CII of drug traffic</td>
<td>-</td>
<td>SB--392 308 €/year</td>
<td>78</td>
</tr>
<tr>
<td>2. Provision of human resources to support the risk analyses and selective control</td>
<td>2002</td>
<td>Selection of officers and establishment of administrative units (groups) in CO for risk analyses and assessment and maintenance of selective control profiles on local level (RCD and custom offices)</td>
<td>CII CII of drug traffic</td>
<td>-</td>
<td>SB--462 723 €/year</td>
<td>92</td>
</tr>
<tr>
<td>3. Systematically provision of risk analyses and selective control</td>
<td>2003 2004</td>
<td>Implementation of CII subsystem in BICIS (Risk management module) and Transit subsystem</td>
<td>CSA “IS”PIs.</td>
<td></td>
<td>SB--80 473 €/year</td>
<td>92</td>
</tr>
<tr>
<td>4. Provision of external information permanent access to foreign trade information systems</td>
<td>Gradually till 2006</td>
<td>Access to the databases of NSI and connection to AFIS - information system of OLAF, EC and its subsystems COMEXT, MARINFO, Lloids Seadata, etc.</td>
<td>CII, EIIIC</td>
<td>OLAG, European Commissio</td>
<td>SB--80 473 €/year</td>
<td>16 Connected IT networks</td>
</tr>
<tr>
<td>6. Improvement of the contacts with the European customs administration when using the risk analyses system RISCIT</td>
<td>2002</td>
<td>Improvement of the results achieved by the teams for intelligence and investigations on the ports</td>
<td>CII of drug traffic RCD</td>
<td>Customs administrat ons of the relevant countries</td>
<td>SB--40 236 €/year</td>
<td>8</td>
</tr>
</tbody>
</table>
**Task 1.2.** Improvement of intelligence and investigation activities and establishment of teams for intelligence and investigation of smuggling and customs fraud.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Establishment of separate units for intelligence and investigation in the customs offices and improvement of their activity</td>
<td>June 2002</td>
<td>- Changes in the organizational structure of the RCD and customs offices;</td>
<td>NCA CII RCD</td>
<td>-</td>
<td>SB–1 649 708 €/year</td>
<td>328</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Improvement of the activities of the intelligence and investigation structures in the internal customs offices;</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>- Organization and strengthening of the intelligence activity</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>- Integration of information, received at the intelligence and investigation units via the information systems and of informal information, received via other sources;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Reinstatement of the customs officers powers for investigation of crimes in the frame of the “preliminary customs investigation”</td>
<td>March 2002</td>
<td>Amendments to the Penal Procedure Code; increased number of the preliminary investigators at the border customs offices</td>
<td>NCA CII RCD</td>
<td>MJ CM Parliament</td>
<td>SB–50 295 €/year</td>
<td>10</td>
</tr>
</tbody>
</table>
**Task 1.3.** Improvement of intelligence and investigation of drug-trafficking and further development of the administrative structures for fight against drug trafficking.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Further development of the specialized structures for intelligence at the fight against drug-trafficking departments</td>
<td>2002</td>
<td>Enforcement of the intelligence activity</td>
<td>NCA</td>
<td>-</td>
<td>SB– 1 745 271 €/year</td>
<td>347</td>
</tr>
</tbody>
</table>

**Task 1.4.** Provision of wider range of customs powers in the field of intelligence and adoption of relevant amendments to the legislation.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Improvement of the current legislation in relation to opportunities for premises, offices and accounting documentation controls</td>
<td>2002</td>
<td>Adopted amendments to the Customs Law, Penal Code, Penal Procedure Code and Law for Administrative violations and penalties</td>
<td>CII</td>
<td>MJ, MI, CM, Parliament</td>
<td>SB– 105 621 €/year</td>
<td>21</td>
</tr>
<tr>
<td>2. The Customs authorities gaining powers for performing operational investigation activities, including under the Law for special investigation facilities</td>
<td>2002</td>
<td>Adopted amendments to the Law for the Ministry of Interior, Adopted amendments to the Law for the special investigation facilities</td>
<td>CII</td>
<td>MJ, MI, CM, Parliament</td>
<td>SB– 50 295 €/year</td>
<td>10</td>
</tr>
<tr>
<td>3. The Customs authorities gaining powers for detention of persons and creating conditions for enforcement of this power</td>
<td>2002</td>
<td>Adopted amendments to the Penal Procedure Code Amendments to the Customs Law</td>
<td>CII</td>
<td>MJ, MI, CM, Parliament</td>
<td>SB– 50 295 €/year</td>
<td>10</td>
</tr>
</tbody>
</table>
**Task 1.5. Implementation of inland control via mobile customs groups and adoption of relevant amendments to the legislation.**

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Provision of powers for the mobile customs groups for stopping vehicles on road</td>
<td>End of 2001</td>
<td>Initiation of amendments to the Customs Law and its Implementing Regulations and to the Road Traffic Law</td>
<td>NCA, CII, CII of the drug-trafficking</td>
<td>CM Parliament</td>
<td>SB–50 295 €/year</td>
<td>10</td>
</tr>
<tr>
<td>2. Establishment of administrative structure “mobile customs groups” as a part from the customs administration</td>
<td>End of 2001</td>
<td>Amendments to the Rules for Internal Procedures of the National Customs Agency</td>
<td>NCA, CII, CII of the drug-trafficking</td>
<td>MF CM</td>
<td>SB–50 295 €/year</td>
<td>10</td>
</tr>
<tr>
<td>3. Adoption of internal organization for the customs mobile groups activity</td>
<td>2002</td>
<td>Development of Rules for the mobile customs groups organization and activities</td>
<td>NCA, CII, CII of the drug-trafficking</td>
<td>-</td>
<td>SB–50 295 €/year</td>
<td>10</td>
</tr>
<tr>
<td>4. Improvement of the work effectiveness of the mobile customs groups</td>
<td>2002</td>
<td>Establishment of rules for co-operation of the mobile customs groups with the Operational Centre working 24 hours per day; Increasing the number of groups and teams</td>
<td>NCA, CII, CII of the drug-trafficking</td>
<td>-</td>
<td>SB–704 144 €/year</td>
<td>140</td>
</tr>
</tbody>
</table>

**Task 1.6. Provision of wider range of customs powers allowing the performance of independent controlled deliveries.**

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Gaining powers for tracing the controlled deliveries within the country territory and gaining powers for use of special investigation facilities</td>
<td>2002</td>
<td>Initiation of amendments to the Customs Law and its Implementing Regulations, to the Law for Ministry of Interior and to the Law for the special investigation facilities</td>
<td>NCA, CII of the drug-trafficking</td>
<td>MJ, MI, CM Parliaments</td>
<td>SB–50 295 €/year</td>
<td>10</td>
</tr>
<tr>
<td>2. Regulation of the order for performing of controlled deliveries in compliance with the initiated amendments in the legislation</td>
<td>2002</td>
<td>Adoption of Instruction for performing controlled deliveries of narcotic substances and precursors</td>
<td>NCA, CII of the drug-trafficking</td>
<td>MI, CM Parliaments</td>
<td>SB–50 295 €/year</td>
<td>10</td>
</tr>
</tbody>
</table>
**Task 1.7** Improvement of the Instruction regulating the terms for co-operation between customs authorities and the Ministry of Interior in relation to prevention and investigation of customs and currency violations.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Improvement of the Instruction for co-operation between the customs authorities and the Ministry of Interior</td>
<td>Middle 2002</td>
<td>Endorsement of new, improved version of the Instruction</td>
<td>CII</td>
<td>MI</td>
<td>SB – 12071 €/year.</td>
<td>24</td>
</tr>
<tr>
<td>2. Development of mechanism for multilateral co-operation between the customs authorities, Ministry of Interior and other law enforcement authorities (Prosecutor’s Office, Tax Authorities, Financial Intelligence, etc.)</td>
<td>Gradually by the end of 2003.</td>
<td>1. Development, updating and synchronization of the Instructions for co-operation between the customs authorities and other enforcement authorities; 2. Establishment of joint units for coordination and control</td>
<td>CII</td>
<td>MI GTD Financial Intelligenence Bureau, Supreme Cassation Prosecution Office, etc.</td>
<td>SB – 12071 €/year.</td>
<td>24</td>
</tr>
<tr>
<td>3. Strengthening of the information links between the customs administration and the Ministry of Interior</td>
<td>Gradually by 2005</td>
<td>Starting of real time information exchange</td>
<td>CII</td>
<td>MI</td>
<td>SB– 80473 €/year.</td>
<td>16</td>
</tr>
</tbody>
</table>
**Task 1.8. Establishment of Post Clearance Control and adoption of relevant amendments to the legislation.**

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators for achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Changes and Amendments to the legal base with a view of development and implementation of post clearance control in compliance with the EU Legislation</td>
<td>Middle of 2002</td>
<td>• Changes and amendments to the Customs Law and its Implementing Regulations, Rules for Internal Procedures of the National Customs Agency, Rules for the organization and activity of the RCD; • Development of Regulations and Instructions for performing of the post clearance control</td>
<td>PCC, ALIS together with all Directorates</td>
<td>MF, CM</td>
<td>• State Budget - 55325€/year • Phare Project - 0.55 M€ (incl. Task 1.8, point 2.2)</td>
<td>11</td>
</tr>
<tr>
<td>3. Establishment of administrative units in the customs administration for performing post clearance control</td>
<td>End of 2001</td>
<td>• Establishment of customs departments for post clearance control • Examination via post clearance control of 10% from the overall trade flow</td>
<td>PCC</td>
<td>State Budget - 855015€/year</td>
<td>170</td>
<td>-</td>
</tr>
</tbody>
</table>
Objective 2: Improvement of the co-operation with the customs administrations of the neighbouring countries and reducing customs clearance and waiting times at the borders

Task 2.1. Awarding of bilateral agreements with the neighbouring countries and implementation of joint border posts/operations with the neighbouring countries.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Development of a model for legal basis, including draft bilateral agreements</td>
<td>Beginning of 2002</td>
<td>1. Analysis of the existing practice 2. Introduction and discussions on the model; 3. Preparation of concrete projects according to the model;</td>
<td>NCA ALIS</td>
<td>-</td>
<td>SB–40 236 €/year</td>
<td>8</td>
</tr>
<tr>
<td>2. Implementation of joint border posts/operations with the neighbouring countries</td>
<td>Gradually till 2005</td>
<td>Awarding bilateral agreements with the neighbouring countries concerning facilitation and acceleration of the traffic capacity of the joint border check points and the organization of the work of the border control organizations</td>
<td>NCA</td>
<td>MFA CM Governments of relevant countries</td>
<td>SB–40 236 €/year</td>
<td>8</td>
</tr>
<tr>
<td>3. Clarifying the status of the liaison officers with Turkey, Greece, Macedonia, Yugoslavia and Romania</td>
<td>2002</td>
<td>Establishment of legal base for the activities of the liaison officers</td>
<td>NCA ALIS, CII CII of drug traffic</td>
<td>MFA</td>
<td>SB–55 325 €/year</td>
<td>11</td>
</tr>
</tbody>
</table>

Task 2.2 Alleviation of the customs formalities at the border posts by implementing common border posts/joint border operations with the neighbouring countries.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Strengthening the cooperation and joint activity with the customs administrations of the neighbouring countries</td>
<td>Gradually till 2005</td>
<td>1. Implementation of coordinated time shifts and coordination of the traffic on both sides of the border; 2. Development of harmonized practices and joint training of officers on both sides of the border</td>
<td>NCA RCD</td>
<td>MFA Customs administrations of the neighbouring countries</td>
<td>SB–181 065 €/year</td>
<td>36</td>
</tr>
<tr>
<td>2. Development of a system for communication at unusual cases</td>
<td>Gradually till 2005</td>
<td>Development of joint work plans for unusual cases (i.e. nuclear materials, live animals, dangerous substances)</td>
<td>NCA RCD</td>
<td>Customs administrations of the neighbouring countries</td>
<td>SB–181 065 €/year</td>
<td>36</td>
</tr>
</tbody>
</table>
### Task 2.3 Establishment and development of a 24 hour working Operative centre within NCA.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Secure the practical work of the centre</td>
<td>Middle of 2002.</td>
<td>Preparation of an Instruction for the activity of the centre and its relations with the different units within NCA</td>
<td>NCA</td>
<td>FEAPMD</td>
<td>SB– 50 295 €/year</td>
<td>10</td>
</tr>
<tr>
<td>3. Improvement of the technical equipment of the centre</td>
<td>Middle of 2002.</td>
<td>Built up communication lines of the centre; secured access to different databases</td>
<td>NCA</td>
<td>CSA</td>
<td>SB– 50 295 €/year</td>
<td>10</td>
</tr>
</tbody>
</table>

**Objective 3:** Improvement of the co-operation with the other border control authorities

**Task 3.1.** Development of a new Normative regulations for the organization of the border posts, in compliance with the International Convention for harmonization of the border control of goods, that is going to replace the currently applied legal base.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of a new normative base, regulating the organization of the border posts</td>
<td>End of 2003</td>
<td>- Improvement of the organization of the border posts and bringing them in compliance to The International convention for harmonization of the border control of goods</td>
<td>NCA</td>
<td>ALIS</td>
<td>SB– 50295€/year</td>
<td>10</td>
</tr>
</tbody>
</table>
### Task 3.2 Improvement of the co-operation and information exchange with the Ministry of Interior, including the National Border Police Service.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Clear definition of the powers of each service dealing with border control to avoid overlapping.</td>
<td>Middle of 2003</td>
<td>1. Establishment of permanent work group for regulation the cooperation between the customs administration and MI; 2. Establishment of a mechanism for coordination of the border posts activities of the customs administration and MI.</td>
<td>CII CII of drug traffic</td>
<td>MI SB–</td>
<td>SB– 30 177 €/year</td>
<td>6</td>
</tr>
<tr>
<td>3. Strengthening of the information links between the customs administration and MI</td>
<td>Gradually till 2005</td>
<td>Integration in real time of the information between the customs administration and MI.</td>
<td>CII CII of drug traffic</td>
<td>MI SB–</td>
<td>SB– 80 473 €/year</td>
<td>16 Connected IT networks</td>
</tr>
</tbody>
</table>

### Task 3.3 Improvement of the co-operation and information exchange with the other border control authorities.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates for implementation</th>
<th>Indicators of achievement</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of a system of measures for improvement of the cooperation between the border control authorities</td>
<td>Gradually till 2005</td>
<td>Establishment of a permanent structure for regulation of the cooperation between the customs administration and the other border control authorities: − Medico sanitarian − Phytosanitarian − Veterinarian − Road 2. Improvement of the information exchange</td>
<td>NCA ALIS, CRP MF MH MAW MRDPW Others</td>
<td>SB– 12071 €/year</td>
<td>24</td>
<td>-</td>
</tr>
</tbody>
</table>
between the border control authorities
**Objective 4:**  
*Ensuring sufficient and qualified staff for supporting the border control*

**Task 4.1.** Improvement the professional qualification of the customs officers and organisation of specialized training in the field of border and internal control in the framework of the Strategy for organization and management of the Human resources.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Organisation of training on techniques for plane and ship controls</td>
<td>2002-2003</td>
<td>Training performed, improved quality of the performed controls</td>
<td>NCA, NTC</td>
<td>-</td>
<td>SB – 513 019 €/year.</td>
<td>102</td>
</tr>
<tr>
<td>2. Training of customs officers on implementation of risk analyses and selective control</td>
<td>End of 2002 - 2003</td>
<td>Training on risk analyses and assessment and maintenance of selective control profiles; Training on use of program instruments for information analyses; Training on use of external information systems and databases</td>
<td>CII, CSA, EIJC</td>
<td>-</td>
<td>- SB– 12071 €/year</td>
<td>650</td>
</tr>
<tr>
<td>3. Training of personnel on post clearance control</td>
<td>Beginning of 2002</td>
<td>Availability of experts able to perform control in the companies</td>
<td>NTC, PCC</td>
<td>-</td>
<td>SB– 50295 €/year, Phare 2001 – (incl. Task 1.1, point 1.5)</td>
<td>10</td>
</tr>
<tr>
<td>4. Training of implementation of border measures for protection of intellectual property rights</td>
<td>2002</td>
<td>Strengthening of the efficiency of the protection of intellectual property and increase of the seizures of counterfeit goods</td>
<td>CII, NTC</td>
<td>-</td>
<td>SB– 583 433 €/year</td>
<td>116</td>
</tr>
<tr>
<td>5. Language education of the officers working on the borders with Romania and Turkey</td>
<td>2002-2003</td>
<td>Education provided</td>
<td>NCA, NTC</td>
<td>Foreign languages education companies</td>
<td>SB– 201 184 €/year.</td>
<td>40</td>
</tr>
<tr>
<td>6. Language education of the officers in the mobile customs groups</td>
<td>2002</td>
<td>Education provided</td>
<td>NCA, NTC</td>
<td>-</td>
<td>SB– 704 144€/year.</td>
<td>140</td>
</tr>
</tbody>
</table>

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### Task 4.2. Development of a Plan for dissemination of tasks in the customs offices at the border considering their specifics and the existing equipment

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Analysis of the structure and activities of the separate border customs offices</td>
<td>Middle of 2002.</td>
<td>Prepared evaluation of the work at the different border customs offices</td>
<td>NCA RCD</td>
<td>-</td>
<td>SB–60 355 €/year</td>
<td>12</td>
</tr>
<tr>
<td>2. Development of a Plan for improvement of the structure and efficiency of dissemination of personnel at each customs office at the border</td>
<td>End of 2002</td>
<td>Availability of a Plan for improvement of the structure and efficiency of dissemination of personnel at each customs office at the border</td>
<td>NCA RCD</td>
<td>-</td>
<td>SB–60 355 €/year</td>
<td>12</td>
</tr>
</tbody>
</table>

### Task 4.3. Development of a system for providing additional personnel in the border check points considering the strengthening the future borders of the European Union, the widening of the control functions in relation to the Common agricultural policy and the increased traffic volume.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Development of a system with criteria for evaluation of the needs for additional or smaller number of personnel at the border check points depending on: - the necessity of strengthening the future borders of the European union; - widening the control functions in relation to the Common agricultural policy; - Increased traffic volume.</td>
<td>End of 2003.</td>
<td>System applied and optimisation of the number of personnel at the border posts</td>
<td>NCA RCD</td>
<td>-</td>
<td>SB–60 355 €/year</td>
<td>12</td>
</tr>
</tbody>
</table>

### Task 4.4. Publication of Manuals for the customs officer’s activities.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Publication of Manuals for the customs officers activities</td>
<td>End of 2002</td>
<td>Available Manuals</td>
<td>All units within NCA</td>
<td>-</td>
<td>SB–301 776 €/year</td>
<td>60</td>
</tr>
</tbody>
</table>
**Objective 5:** Provision of necessary and suitable infrastructure, technical facilities and equipment to support customs control, to allow physical checks and to improve working conditions

**Task 5.1.** Establishment of a specialized unit in the Customs Administration, for organisation, planning and development of infrastructure, installations and technical equipment, as well as for technical co-operation with the neighbouring countries and creating a database for modernization of the control techniques.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
</table>
| 1. Development of normative preconditions for establishment of the unit    | End of 2002             | - Amendments to the Rules for Internal Procedures of the Ministry of Finance  
- Amendments to the Rules for Internal Procedures of the National Customs Agency                                                                                                                   | NCA FEAPMD ALIS  | MF CM          | SB– 60 355 €/year | 12                      |
| 2. Resource and personnel support of the unit                             | End of 2002             | Unit established                                                                                                                                                                                                       | NCA FEAPMD ALIS  |                | SB – 30 177 €/year  | 6                       |
| 3. Development of methodology for organisation, planning and development of infrastructure, as well as for technical equipment support | Middle of 2003          | Development of Plan/ Programme (schedule) for development and maintenance of infrastructure, including border one; Development of methodology for evaluation of the technical equipment for control | NCA               |                | SB – 30 177 €/year  | 6                       |
Task 5.2. Improvement of the check points infrastructure, with particular attention on the future external borders of the European Union; greater attention to the improvement of the infrastructure of Kapitan Andreevo border post should be paid.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
</table>
| 1. Improvement of the Kapitan Andreevo check point infrastructure          | Gradually by 2006       | 1. Renovation, modernization and repair of the main customs check point, consisting in repair of the canopies, including painting, replacement and repair of the canopies panels, lights, repair of 5 buildings, including waterproofing, external repair, painting, interior and utilities, new canopy with control booths, basic repair and reconstruction of warehouse of concrete panels, construction of a building for waiting passengers.  
2. Construction of building for control of trucks with refrigerating system;  
3. Construction of platform for truck reloading;  
4. Construction of building for reloading of textile and confectionery;  
5. Reconstruction of building for thorough customs control at leaving (check-out) | NCA               | MF             | SB – 125 740 €/year  
52 000 USD technical assistance of the World Bank | 25 857 000 USD - World bank |
| 2. Improvement of the Varna check point infrastructure                     | Gradually by 2006       | Construction of building for check controls;                                                                                                           | MF               | SB             | 125 740 €/year  
4 020 000 lv - SB | 25 (2001-2002?) - 4 800 475 EUR Phare CBC |
| 3. Improvement of the Bourgas check point infrastructure                 | Gradually by 2006       | Construction of building for inspection of vehicles and containers, administrative building, fence and installations | NCA              | MF             | SB – 125 740 €/year  
60 000 USD technical assistance of the World bank | 25 1 000 000 USD - World bank |
| 4 Improvement of the infrastructure of other border check points         | Gradually by 2006       | 1. Construction of widened and improved border check point at Giueshevo, having 5 in-coming and 5 out-going lanes;  
2. Additional access lane from the | NCA              | MF             | SB – 125 740 €/year | 25 5 545 000 USD- World bank  
180 052 191 - SB  
4 800 475 EUR Phare CBC |
1. Building the infrastructure of border check point Ilinden (Bulgaria – Greece)
2. Building the infrastructure of border check point Makaza (Bulgaria – Greece)
3. Building the infrastructure of border check point Lesovo (Bulgaria – Turkey)
4. Widening the border check point Kulata – erection of a new bridge over Bistritsa river
5. Building the infrastructure of border check point Tutrakan (Bulgaria – Romania)
6. Changes in the build-up area of border check point Gueshevo
7. Erection of a new bridge at Vidin-Kalafat over Danube river

| 5. Building the infrastructure of the new border check points and widening and reconstruction of existing border check points | Gradually by 2006 | 1. Building the infrastructure of border check point Ilinden (Bulgaria – Greece) | NCA RCD | 25 | 7 800 475 EUR Phare CBC
| | | 2. Building the infrastructure of border check point Makaza (Bulgaria – Greece) | MF | 10 375 000 EUR, including Phare 7 | 10 375 000 EUR |
| | | 3. Building the infrastructure of border check point Lesovo (Bulgaria – Turkey) | MRD PW | | |
| | | 4. Widening the border check point Kulata – erection of a new bridge over Bistritsa river | MI | | |
| | | 5. Building the infrastructure of border check point Tutrakan (Bulgaria – Romania) | MFA CM | | |
| | | 6. Changes in the build-up area of border check point Gueshevo | | | |
| | | 7. Erection of a new bridge at Vidin-Kalafat over Danube river | | | |
### Task 5.3. Improving the technical facilities of the border checkpoints based on the performed analysis of their activities.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Provision of the necessary technical facilities</td>
<td>2002 - 2005</td>
<td>Delivery for: 1. Ports of Varna and Bourgas - Mobile containers scanner (to be used by both ports and for the needs of the Malko Tarnovo border check point); 1 portable detector for radio-active materials 2. Port of Bourgas - Stationery x-ray facility (size 100cm/170cm) for control of loaded pallets – European standard and liquid barrels in vertical position; Primarily installation of this apparatus – at Kapitan Andreevo border check point, till the purchase of the necessary for this check point equipment; 1 portable detector for radio-active materials 3. Kalotina border check point - stationery x-ray apparatus (size 100cm/170cm) for control of loaded pallets – European standard and liquid barrels in vertical position; 4. Kapitan Andreevo border check point - Installation of scanner for truck controls - Purchase of facility for packaging of the pallets after the conduction of the check controls 5. Fifteen endoscopes distributed according to the necessities 6. X-ray container-scanner - initially at CP Kulata, consequently - Varna 7. Stationary X-ray inspection system with the tunnel size 100/170 to be used for checking Euro-pallets and barrels - at CP Kapitan Andreevo (see the remark of point 2 about Port of Burgas) 8. 7 Cargo elevating fork machine with a motor engine CP Kapitan Andreevo – 2 pcs., CP Malko Tarnovo, Bourgas – 2 pcs., Varna – 2 pcs. 9. 7 systems for verification of documents - CP Kapitan Andreevo – 2</td>
<td>NCA</td>
<td>MF</td>
<td>SB – 45 266 €/year</td>
<td>9</td>
</tr>
</tbody>
</table>

**Financing:**

- **PHARE "Strengthening border control capacities":** 1 000 000 EUR
|                        | pcs., CP Malko Tarnovo, Bourgas – 2 pcs., Varna – 2 pcs. |   |   |   |   |   |
Task 5.4. Achieving full operational capacity of the Bulgarian Integrated Customs Information System (BICIS).

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
</table>
| 1. Development, approval, implementation and periodical updating of a long-term program for financial covering of the necessary infrastructure, equipment and system software till 2006, including the elaboration of WAN (national widened network for information exchange) | Gradually till 2006 | • methodology for the proper needs programming  
• Model for organization and equipment of EU customs border check point and plan for implementation of the model  
• availability of plans and performed activities for:  
  * construction  
  * equipment  
  * effective usage  
• communication operational procedures at all levels of the customs administration | FEAPMD, ? ? ? , RCD, | MF, MRDPW, MI, “Information services” Plc. | SB - 125738€/year  
• World bank - 6,9 M €  
• Phare CBC 2001-2,4 M € | 25 |
| 2. Implementation of BICIS (Automation of the customs administration key activities, as well as management of the customs offices information sources) Development of BICIS modules related to border controls:  
• Customs clearance  
• Management of the transit  
• Customs intelligence and investigation  
- “Information service” Plc.,  
- other state administrations,  
- NSI  
- EU CA,  
- MS CA - EU | SB - 477803€/year  
• Phare 02 – incl. p.2,  
• SB - 1 M€ | 95 |
| | | | | | Modernization of the work places |
### Objective 6: Development of regular relations and exchange of information with the trade and public

**Task 6.1** Provision of regular, clear and timely information to the trade operators and the public about the changes in the legislation, procedures and required documentation.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Development and maintenance of real connection with the trade sector on issues of common interest, connected to the customs border control</td>
<td>2002?</td>
<td>1. popularisation of the possibilities for signing Memorandums of Understanding with the trade sector and implementation of a system for signing of such Memorandums; 2. signing of Memorandums of Understanding with the main trade and transport organizations 3. strengthening of the cooperation with the trade organizations 4. preparation of agreements for access to trade information 5. establishment of electronic links with the trade sector (EDI and TDI)</td>
<td>NCA RCD</td>
<td>BCCI BIA Other organizations from the trade sector</td>
<td>SB – 75 444 €/year</td>
<td>15</td>
</tr>
<tr>
<td>2. Development and maintenance of real connection with the public on issues of common interest, connected to the customs border control</td>
<td>2002?</td>
<td>1. Improvement of the public image of the NCA border operations; 2. Systematic reporting of the NCA activity to the public</td>
<td>NCA RCD</td>
<td>-</td>
<td>SB – 75 444 €/year</td>
<td>15</td>
</tr>
</tbody>
</table>
### 3. Improvement of the feedback between the trade sector and the customs administration (submission of applications, claims, proposals, signals for corruption connected to the border operations by the trade sector)

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>Achieving better effectiveness of the border control and increasing the customs administration image</td>
<td>NCA RCD</td>
<td>-</td>
<td>SB – 75 444 €/year</td>
<td>15</td>
</tr>
</tbody>
</table>

### 3.1. Optimisation and facilitation of the procedures for considering applications, claims, proposals, signals for corruption connected to the border operations

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>Changes in the administrative and in the customs legislations</td>
<td>NCA RCD</td>
<td>MJ CM Parliament</td>
<td>SB – 75 444 €/year</td>
<td>15</td>
</tr>
</tbody>
</table>

### 3.2 Provision of equipment and human resources for the units activities for considering signals, claims and proposals

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>Provision of enough technical and human resources for the units activities for considering signals, claims and proposals</td>
<td>NCA RCD</td>
<td>-</td>
<td>SB – 75 444 €/year</td>
<td>15</td>
</tr>
</tbody>
</table>

### 3.3. Establishment of “hot lines” for receipt of signals, claims and proposals

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Responsible Unit</th>
<th>External Units</th>
<th>Financing</th>
<th>Administrative Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>Creation of specialized telephone and Internet connection for signals receipt; Popularisation of this connection</td>
<td>NCA RCD</td>
<td>-</td>
<td>SB – 75 444 €/year</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Task 6.2. Maintenance of an informational column for the border operations in the NCA’s web page.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Development and keeping normative and internal information concerning the border operations at the web page of the customs administration</td>
<td>2002</td>
<td>Keeping information column for the border operations at the web page of the customs administration</td>
<td>All units within NCA</td>
<td>-</td>
<td>SB – 75 444 €/year</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Task 6.3 Issue of border operations informational brochures.

<table>
<thead>
<tr>
<th>Activities</th>
<th>Dates of implementation</th>
<th>Indicators of achievement</th>
<th>Responsible unit</th>
<th>External units</th>
<th>Financing</th>
<th>Administrative capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Maintaining regular and updated information regarding the customs legislation and procedures</td>
<td>Permanently</td>
<td>1. Issue of brochures, including in electronic format 2. Maintenance of hotlines (on phone and on the NCA web page)</td>
<td>NCA ALIS BIA Inspectorate All other</td>
<td>BCCI BIA</td>
<td>SB – 75 444 €/year Other organizations</td>
<td>15</td>
</tr>
</tbody>
</table>
## DISTRIBUTION LIST

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE/DEPARTMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Assen Assenov</td>
<td>Director General of NCA</td>
</tr>
<tr>
<td>Mr. Georgi Grigorov</td>
<td>Deputy Director of NCA</td>
</tr>
<tr>
<td>Mr. Marian Abrashev</td>
<td>Deputy Director of NCA</td>
</tr>
<tr>
<td>Ms. Anelia Angelova</td>
<td>Director “Tariff Policy Directorate”</td>
</tr>
<tr>
<td>Ms. Marina Popova</td>
<td>Director ”European Integration and International Cooperation Directorate”</td>
</tr>
<tr>
<td>Mr. Christo Christov</td>
<td>Director “Finance-economic Activities and Property Management Directorate”</td>
</tr>
<tr>
<td>Mr. Ivan Kosturski</td>
<td>Director ”Administrative-legal and Information Service Directorate”</td>
</tr>
<tr>
<td>Mr. Rumen Danev</td>
<td>Director “Customs Intelligence and Investigation Directorate”</td>
</tr>
<tr>
<td>Mr. Dejan Denev</td>
<td>Director “Post-Clearance Control Directorate”</td>
</tr>
<tr>
<td>Mr. Ivaylo Stefanov</td>
<td>Director “Customs Statistics and Automation Directorate”</td>
</tr>
<tr>
<td>Ms Larissa Drandova</td>
<td>Director “Central Customs Laboratory Directorate”</td>
</tr>
<tr>
<td>Mr. Spas Shopov</td>
<td>Head of Inspectorate</td>
</tr>
<tr>
<td>Ms. Rumiana Tontchovska</td>
<td>Head of department “Institutional Building and PHARE Program”</td>
</tr>
<tr>
<td>Mr. Ivaylo Stefanov</td>
<td>Head of department “Implementation and Development of Information Systems”</td>
</tr>
<tr>
<td>Mr. Ivan Sariev</td>
<td>Head of department “Information technologies” MF</td>
</tr>
<tr>
<td>Mr. I. Dascalu</td>
<td>DG TAXUD, Head of Unit D3</td>
</tr>
<tr>
<td>Ms. Christiane Klahr</td>
<td>DG TAXUD, Unit D2</td>
</tr>
<tr>
<td></td>
<td>EC Delegation</td>
</tr>
<tr>
<td>Project Support Team</td>
<td>File</td>
</tr>
</tbody>
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INTRODUCTION

1.1. Purpose and scope of the document

The purpose of this document is to define the overall IT strategy of the Bulgarian Customs Agency, locally called National Customs Agency (NCA). The Strategy covers a fully computerized system, known as the Bulgarian Integrated Customs Information System (BICIS). The validity period of the Strategy stretches to the assumed Accession date of January 1st, 2007 and covers all the requirements of the National and EU needs.

This document will be updated on a regular basis to reflect the progress of the Computerization as well as changes to the Strategy. The updates will be recorded in the Revisions section above.

1.2. Document Structure

This document has been structured into five sections, which are divided into sub-sections.

Section 1. INTRODUCTION – describes the purpose and the scope of this document

Section 2. ABBREVIATIONS AND ACRONYMS – contains the abbreviations and terms used in this document

Section 3. ORGANISATION – divided into two main parts, as follows:

Subsection 3.1. GENERAL CUSTOMS ORGANIZATION – describes the general organization of the Bulgarian Customs Administration, customs structure and functions, organization of the Central Customs Directorate

Subsection 3.2. CUSTOMS IT ORGANIZATION – describes the levels of NCA and CCD IT organization

Section 4. MANAGEMENT AND METHODOLOGY POLICY – in the subsections are defined: project organization and management, main principles and standards of quality management and methodology, common strategy for applications development, basic parts of security and maintenance policy

Section 5. TECHNICAL ARCHITECTURE AND APPLICATIONS – this section is divided into two main parts:

Subsection 5.1. CURRENT ARCHITECTURE – describes the current status of the technical infrastructure, currently used operating systems and database, communications infrastructure and functions of the currently implemented applications.

Subsection 5.2. FUTURE ARCHITECTURE – describes the trends in the future development of technical and communications infrastructure, the possible changes in the used operating systems and database, future software applications development stages, including interfaces with other systems and development of interfaces with the DG TAXUD systems.
ABBREVIATIONS AND ACRONYMS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS</td>
<td>Automated Information System - the first Customs system</td>
</tr>
<tr>
<td>ASYCUDA</td>
<td>A Declaration Processing System developed by the United Nations (UNCTAD)</td>
</tr>
<tr>
<td>NCA</td>
<td>National Customs Agency</td>
</tr>
<tr>
<td>BCA</td>
<td>Bulgarian Customs Administration</td>
</tr>
<tr>
<td>BICIS</td>
<td>Bulgarian Integrated Customs Information System</td>
</tr>
<tr>
<td>BICIS Steering Committee</td>
<td>Steering Committee by establishment, implementation and development of BICIS</td>
</tr>
<tr>
<td>IT Strategy</td>
<td>Information Technologies Strategy</td>
</tr>
<tr>
<td>IT</td>
<td>Information Technologies</td>
</tr>
<tr>
<td>EU</td>
<td>European Union</td>
</tr>
<tr>
<td>EC</td>
<td>European Commission</td>
</tr>
<tr>
<td>Europe agreement</td>
<td>EU - Bulgaria association agreement</td>
</tr>
<tr>
<td>NPAA</td>
<td>National Program for the Adoption of the Aquis</td>
</tr>
<tr>
<td>CCD</td>
<td>Central Customs Directorate</td>
</tr>
<tr>
<td>MSA Directorate</td>
<td>Customs Statistics and Automation Directorate in CCD - NCA</td>
</tr>
<tr>
<td>IT department</td>
<td>“Implementation and Development of Information Systems” department in MSA Directorate</td>
</tr>
<tr>
<td>RCD</td>
<td>Regional Customs Directorate</td>
</tr>
<tr>
<td>RDBMIS</td>
<td>Relational Data-Base Management System</td>
</tr>
<tr>
<td>IS Plc.</td>
<td>Information Services Plc.</td>
</tr>
<tr>
<td>PID</td>
<td>Project Initiation Document</td>
</tr>
<tr>
<td>MF</td>
<td>Ministry of Finance</td>
</tr>
<tr>
<td>PM</td>
<td>Project manager</td>
</tr>
<tr>
<td>DG TAXUD</td>
<td>European Commission General Directorate of Taxation and Customs Union</td>
</tr>
<tr>
<td>UML</td>
<td>Unified Modeling Language</td>
</tr>
<tr>
<td>J2EE</td>
<td>Java 2 Enterprise Edition</td>
</tr>
<tr>
<td>LAN</td>
<td>Local Area Network</td>
</tr>
<tr>
<td>WAN</td>
<td>Wide Area Network</td>
</tr>
<tr>
<td>SAD</td>
<td>Single Administrative Document</td>
</tr>
<tr>
<td>OLAP</td>
<td>On-line Analytical Processing, an application that allows reporting on all customs data, usually for statistical purposes.</td>
</tr>
<tr>
<td>NCTS</td>
<td>New Computerized Transit System</td>
</tr>
<tr>
<td>DTI</td>
<td>Direct Trader Input</td>
</tr>
<tr>
<td>EDI</td>
<td>Electronic Data Interchange</td>
</tr>
<tr>
<td>ITMS</td>
<td>Integrated Tariff Management System</td>
</tr>
<tr>
<td>AFIS</td>
<td>Anti Fraud Information System</td>
</tr>
<tr>
<td>ToR</td>
<td>Terms of Reference</td>
</tr>
<tr>
<td>ITT</td>
<td>Invitations to Tender</td>
</tr>
<tr>
<td>OMG</td>
<td>Object Modeling Group</td>
</tr>
</tbody>
</table>

ORGANISATION

GENERAL CUSTOMS ORGANISATION

DEVELOPMENT OF THE BCA

The Bulgarian Customs Administration is established in 1879 and it is one of the oldest Bulgarian public institutions. It is centralised system with 3826 employees, who are structurally allocated in Central Customs Directorate, five Regional Customs Directorates, 17 Customs Houses and 102 Customs Bureaux and Customs Points.

The new direction in the BCA development is related with the willingness of our country to become a full member of EU. Regarding the Customs Union area, in its negotiation position Bulgaria declares that accepts the acquis communautaire and will be able to implement it in full by its accession. Concerning the customs field, this process includes the fulfilment of the EU requirements within 13 areas, specified by the European Commission (the Customs Blueprints). The ambition of the Customs Administration to take this policy was declared in the National Strategy for Preparation of the Customs Administration for Membership in EU and its Implementation Program. The Bulgarian Government approved the European Commission’s Declaration of Endorsement of the Pre-Accession Preparation Strategy for Customs and Tax Administration in Bulgaria with special decision.

Considering the present conditions and the leading role of our country as future external border of EU, the ambition of the BCA is to become more effective and efficient, as changing itself during its pre-accession period to ensure to the fullest harmonisation of the legislation, operational and technological compatibility with the operative customs systems in the EU members. In this respect, a Customs Tariff harmonised in 1992 with the Harmonised System and with
Combined Nomenclature in 1996 was adopted. In 1999, the SAD version was completely harmonised. In 1995, the BCA officially applied for accession to the Common Transit Convention and Convention for Simplification of Formalities in trade in goods. In 1996 the accession procedure to this convention was started.

REVENUE COLLECTION STATISTICS

![Graph of Total Revenues Collected by the Customs Administration](image-url)

**TOTAL REVENUES COLLECTED BY THE CUSTOMS ADMINISTRATION (millions BGN)**

- Year 1997: 1,500.8
- Year 1998: 1,794.2
- Year 1999: 1,784.9
- Year 2000: 2,368.0
TAX REVENUE COLLECTED BY THE CUSTOMS ADMINISTRATIONS AS A PERCENTAGE OF THE TOTAL BUDGET

TAX REVENUE

Year 1997
- Tax Revenues Collected by The Customs Administration: 52.8%
  1 438.7 (millions BGN)
- Other Tax Revenues: 47.2%

Year 1998
- Tax Revenues Collected by The Customs Administration: 44.3%
  1 769.6 (millions BGN)
- Other Tax Revenues: 55.7%

Year 1999
- Tax Revenues Collected by The Customs Administration: 43.7%
  1 754.5 (millions BGN)
- Other Tax Revenues: 56.3%

Year 2000
- Tax Revenues Collected by The Customs Administration: 50.5%
  2 286.0 (millions BGN)
- Other Tax Revenues: 49.5%

NUMBER OF REGISTERED SINGLE ADMINISTRATIVE DOCUMENTS

Year 1997: 564,429
Year 1998: 604,622
Year 1999: 1,013,965
Year 2000: 1,172,402
TAX REVENUES COLLECTED BY THE CUSTOMS ADMINISTRATION

Year 1997
- Customs Duties: 391.6 millions BGN (22%)
- Excise: 26.7 millions BGN (2%)
- VAT: 1 020.4 millions BGN (71%)

Year 1998
- Customs Duties: 440.2 millions BGN (25%)
- Excise: 65.6 millions BGN (4%)
- VAT: 1 264.1 millions BGN (71%)

Year 1999
- Customs Duties: 258.4 millions BGN (15%)
- Excise: 58.0 millions BGN (3%)
- VAT: 1 438.1 millions BGN (82%)

Year 2000
- Customs Duties: 220.3 millions BGN (10%)
- Excise: 100.0 millions BGN (4%)
- VAT: 1 965.7 millions BGN (86%)
CUSTOMS STRUCTURE AND FUNCTIONS

The Bulgarian customs administration is a centralized administrative structure, organized within National Customs Agency (NCA) under the Minister of finance. NCA is a legal person financed by the state budget. NCA is managed and represented by a Director General who is assisted by four Deputy Directors.

The overall function of NCA is the performance of customs supervision and control on the customs territory of Bulgaria. NCA consists of a four-layer structure:

- The Central Customs Directorate (CCD), located in Sofia, currently divided in two physical locations. During 2002, both NCA offices will move to a new Customs Headquarters building.
- The Regional Customs Directorates (RCD), currently five (5), located in the main cities of the country.
- The Customs Houses (CH), currently seventeen (17), which handle the majority of the clearance processing (approximately 60-70%).
- Customs Offices and Border Points, currently hundred two (102).

NCA currently employs 3,800 Customs officers and supporting staff. The functions and structure at each layer are as follows:

- CCD – overall functions of CCD are to organize, manage, control and report about the activities of the customs administration. To cover this functions CCD consist of the following Directorates – Customs regimes and procedures, Tariff Policy, Post Clearance Control, Central Customs Laboratory, Customs Intelligence and Investigation, Customs Statistics and Automation, European Integration and International Cooperation, Administrative- legal and Information Service, Finance- economic activities and property, Inspectorate

- RCD - overall functions of RCD are to organize, manage, control and report about the activities of the customs houses included in RCD structure. To cover this functions RCD consist of departments, which have the same name and functions as CCD directorates, but at the regional level.

- Customs Houses - overall functions of CH are to organize, manage, control and report about the activities of the customs offices and border points included in CH structure and together with them to perform customs supervision and control. To cover this functions Customs Houses consist of the following departments: Customs regimes and procedures, Tariff Policy, Customs Statistics and Automation, Customs Intelligence and Investigation, Administrative- legal and Information Service, Finance- economic activities and property, Inspectorate

- The Customs Offices and Border Points are operative units performing customs supervision and control.
CUSTOMS IT ORGANISATION

BACKGROUND

The computerization is one of the strategic objectives of BCA and also an important pre-requisite for achieving the required administrative capacity for adoption of Aquis. In the time the process of BCA computerization progressed in two directions – Program Phare and Program for technological re-innovation of Ministry of finance. As result of both programs the following results were achieved:

- In 1996 the system AIS Customs 1.0 was developed and implemented in Customs House Airport Sofia. This was the first system in BCA based on new technologies – client server, UNIX, Informix. At this time a lot of legacy were used in different customs offices.

- With Government Decision ? 1186/96 the software product Asycuda was selected as a core of the Bulgarian customs information system. The decision was taken in relation with the approved Phare project BG 9305 “Computerization of BCA”

- By reason of dynamic development of the information technologies and the forthcoming legislation harmonization in 1997 BCA made an analysis of Asycuda, which finished with the conclusion that Asycuda is not meeting the requirements of BCA in technological, functional, organizational and financial aspects. In general the reason for this conclusion is that Asycuda is based on old information technologies, some important functionality is missing and the implementation of the product requires a lot of time and unclear amount of financial resources. As result of the above mention analysis the Decision ? 1186/96 for selection of Asycuda as a core of the Bulgarian customs information system was abolished with a government Decision ? 522/99. The decision to create an own system was taken.

- After the decision to create an own system BCA continued to develop and improve AIS Customs

- In 1998 the Program for technological re-innovation of Ministry of finance started. Under this program until May 1999 the required infrastructure for BICIS was built – LAN in all customs offices, servers, workstations, printers, UPS and other equipment

- In October 1998 the BCA IT organization structure was created – in addition to directorate “Customs statistics and automation” in CCD a departments “Customs statistics and automation” were created in Regional customs directorates and in Customs Houses

- The development of AIS Customs continued under the Program for technological re-innovation of Ministry of finance. In relation with the new customs legislation (in force from 1999) AIS Customs 3.0 was developed and implemented in 9 customs offices at the beginning of 1999.

- With the contract from 28 December 1998 Information Services Pls. was selected by Ministry of finance as a system integrator of BICIS

- In November 1999 European commission initiated mission targeted to evaluation of BICIS development. As result of the positive evaluation European commission decided to continue the implementation of the Phare project BG 980602 “Computerization of BCA”

- In January 2000 European commission initiated a short term technical assistance project, targeted to preparation of all the documentation required for the implementation of the project BG 980602 “Computerization of BCA” – project fiche, BICIS Project Initiation Document and tender documents. All the documents were developed until May 2000 and approved by BICIS Steering committee
In the final Project fiche for the project BG 980602 “Computerization of BCA” the following sub-projects were defined – “Additional hardware and system software for BICIS”, “Communication equipment”, “Customs training – interconnectivity with the Brussels systems” and “Technical assistance for the computerization of BCA”.

According to BICIS PID and the current development status, the period from 2000 to 2003 is set as phase 1 of BICIS development and implementation, which phase is divided in three stages:

- **Stage 1 (year 2000)** – including sub-systems: Customs clearance, Reference data, Report and System control
- **Stage 2 (year 2001-mid 2003)** – including stage 1 systems plus: Transit – national level, Customs debt (financial sub-system), Enforcement, Decisions of customs authorities
- **Stage 3 (year 2002-mid 2003)** – including stage 2 systems plus: Human resources management and Inspectorate

For the implementation of the phase 1 in May, 2000 a Complementary agreement was signed between Ministry of finance and Information services Pls. PID and the BICIS stage 1 Project Plan were annexed to the Complementary agreement.

For the Developments of BICIS stage 2 and 3, complementary agreements have been signed until the end of 2002 and a maintenance and enhancements contract exists until the end of 2003.
Directorate "Customs Statistic and Automation"

Director of Directorate "Customs Statistic and Automation"
Ivaylo Stefanov

IT Department
Head of IT Department
Ivaylo Stefanov

Applications Support Unit
- Customs Debt; Authorizations
  - Velichka Tzaneva
- Transit (TMS); CSRD; Guarantee Management; EDI
  - for Traders; TCT; etc.
  - Mariela Manoilova
- Customs Clearance; EDI for Traders; etc.
  - Emilia Toteva
- ITMS; TCO; DDS Internet for Traders etc.
  - Evelina Sirakova
- Enforcement; Risk Analysis; Selectivity Control; AFIS etc.
  - Emilia Toteva
- Human Resources; Inspectorate etc.
  - Darina Batalanova

Methodology Support Unit
- Quality Manager
  - Ivan Stanev
- Contract Manager
  - Maria Koleva

Technical Support Unit
- Systems (Central Administration)
  - Jeliazko Bulrakov
- OS & Network Administration
  - Krasimir Slavov
- DB Administration
  - George Manoilov
- IT Security
  - Boris Jordanov
- Operations (User Support)
  - Stefan Korsakov
- Hardware
- Software
- Help Desk

Department of Statistic and Analysis
Head of Department Statistic and Analysis

Operative Information
Analisys and Prognostication
 MANAGEMENT & METHODOLOGY POLICY

PROJECT ORGANIZATION AND MANAGEMENT

All the projects concerning the development and improvement of the Bulgarian Integrated Customs Information System (BICIS) are managed mainly at the CCD level, involving the RCA IT departments in Implementation and Maintenance projects management.

Each project is based on a request by the “Users” and is initiated by the creation of the project Terms of Reference (ToR). The ToR is prepared at the CCD level and depending on the nature of the request, it involves the appropriate units of the IT department and/or concerning business directorates. CCD appoints a Project Manager (PM) usually from the Applications Support Unit. The PM assumes ownership of the Project and together with the main Users, the Quality Manager, the Contracts manager and the Technical Support Team staff, they create the ToR for the request.

The ToR follows specific Standards, mainly drawn by the Phare and DG TAXUD guidelines. They include specific and clear requirements, consisted of specific phases, depending on the nature of the contract.

At the same time, a project Team is created consisted of IT and User “key” staff. This team reports directly to the BICIS Steering Committee (SC).

Following the ToR, Invitations To Tender (ITT) or Direct Contracts are issued. So far, NCA has been involved in contracts issued as follows:

- Direct Contracts issued by the Ministry of Finance (MF) to the Information Services Plc. (IS), a company owned by its majority (over 99%) by the MF. IS Plc. act as the systems integrator for the majority of the individual Agencies/Administrations under the MF as well as common projects such as the Communications Infrastructure project. These contracts are Framework Contracts with specific/supplementary Agreements and for a specific duration and scope. Currently, under the scope of BICIS, the MF has issued two contracts for NCA and one common MF project, which directly affect NCA. These contracts are:
  - The development of BICIS, which is divided in Stages and is currently covering Stage 2 and 3 (see the Current Applications section and the IT Strategy plan). The supplementary agreement for these stages ends in December 2002.
  - The Maintenance of BICIS, a contract that covers all the BICIS maintenance and Enhancement needs, including maintenance of the current developments, until December 2003.
  - The development of an updated and modern communications infrastructure, to cover the needs of all the MF and subsidiaries, including Customs.

- Contracts issued under the PHARE assistance, which follow strictly the DIS procedures. Currently NCA manages four PHARE IT contracts:
  - A Technical Assistance contract, which has implemented a Project Support Team, to assist NCA in Project, Quality and Contracts management. This contract ends on 30/11/2002.
  - Communications infrastructure improvement contract, under which communications Hardware (mainly Modems) have been purchased for Customs only and are being installed together with the MF Communications project progress.
  - Additional infrastructure improvements for BICIS, which involves major hardware improvements (mainly major computer purchases) for the BICIS project. The hardware has been purchased and mostly installed. The completion of this project is foreseen for the first quarter of 2002. The financing memorandum ends at the end of 2002.
  - A Euro-Customs project, under which the initial user requirements and plans are addressed for the business departments preparation and interconnectivity requirements assessments with the EC (DG TAXUD and OLAF) and other
Member States (MS) systems.

- Contracts issued directly by NCA, such as initial core BICIS system, which was subcontracted directly to the private sector by NCA. This contract has been concluded and formed the basis of what today is a successful and operational BICIS_1 system covering the applications mentioned in the Existing Applications section below.

Graph 4.1.1 below, represents the management structure of BICIS 2 and 3 Stages, the works of which have been described in the above sections. Specific staff positions for the tasks of these stages can be seen in the CCD IT Organization Structure (3.2.2), corresponding to each sub-system of these stages. Additionally the NCA IT Organization (3.2.3) staff and specifically the Regional Customs Directorates IT Department directors, participate in the BICIS 2 and 3 works as members of the BICIS Operating Committee group.
QUALITY MANAGEMENT AND METHODOLOGY

During the projects lifecycle, NCA uses various types of Quality Assurance methodology, according to the nature of the Projects. The Project Quality Plan template follows the DG TAXUD standards. However, for Customs Business Development Projects, NCA is using the Rational Rose Unified Procedures standards for the Analysis (Analysis & Design, Requirements, Business Modeling) Environment, Development, Testing, Implementation, Configuration and Change management. This is due to the development strategy, which in these areas is following the OMG (Object Modeling Group) Standards.

For Maintenance Projects, the Maintenance Plan follows the DG TAXUD Standards and Guidelines.

The document standards used by NCA are in the process of being harmonized with the DG TAXUD MaXXIme standards by the CCD IT Quality manager.

Future plans include the evaluation of a common IT methodology by the MF IT department, which will be used by all the MF subordinate Agencies and Directorates IT departments.

DEVELOPMENT STRATEGY

The general policy of NCA is to subcontract development and maintenance projects. NCA strategy is to manage projects and assist with analysis. NCA does not engage in “in-house” developments, it however has the administrative capacity to assist in Analysis and Maintenance issues.

NCA rarely subcontracts directly to the private sector. The contracts for developments and maintenance are handled by the Ministry of Finance (MF) and are contracted to the Information Services Ltd, a company the majority of which is owned by the MF and acts as the MF system integrator. When NCA awards contracts, does so using PHARE funds and follows the PHARE procedures.

The specific strategy of NCA is to develop and implement a system using the latest means of Analysis and Technology. The applications are developed following the OMG standards. The analysis is performed with “the UML” language (Unified Modeling Language) and the analysis tool is Rational Rose. The development platform is Web-based. Currently the MF is performing an analysis for the Platform architecture, i.e. central versus clustered approach. The development standards are J2EE (Java 2 Enterprise Edition). The MF is also involved in a Communications Infrastructure Project, which will ensure the success of the NCA Platform strategy.

SECURITY POLICY

The information and information systems and services are an essential and vitally important asset for the “Customs” Agency. The “Customs” Agency, as the owner of information and information systems, requires safe, reliable and appropriate security of the information and information systems it possesses, maintains and administers. The earning of respect and reputation of the “Customs” Agency is directly connected with the manner in which the information and information systems are being administered. The maintenance of an adequate security level is one of the most important aspects both for the information management, and for the information system management.

For its efficiency, the Information Security System has to be developed with common efforts including the participation, understanding and support of all personnel members of the “Customs” Agency, who work with information and/or information systems. Due to the necessity of team work, the policy specifies the consumer’s obligations and the activities they are due to execute, for the assistance of the “Customs” Agency information and information system protection.

According to the document “Organization of the activity and the internal order in Customs Agency” all the customs officer are obliged to follow the Information Security Policy, approved by the Director General. The purpose of the Information Security Policy is to set the preventive measures and reactions to different types of information and information system threats, which may include unauthorized access; hacker attacks; malicious actions; lost, multiplied or stolen information; data modification, destruction or erasure; alteration, misuse or crash of programs.

This policy is valid for all computer and network systems, owned and/or administered by the “Customs” Agency. It is also valid for all platforms (Operating Systems), all types of computer systems (from personal computers to large servers or mainframes) and all Application Systems (irrespectively of the fact whether they are developed by the “Customs” Agency or following an order to an outsourcing firm). This document is valid only for the information managed by computer and/or network systems. Even if this document specifies
further points, e.g. verbal or written information exchange, it is not directly addressed to the security of information in these forms.

The management, direction, authority and activities connected with the “Customs” Agency information security, are organizationally concentrated in the “Customs Statistics and Automation” Directorate (CSA Directorate). The CSA Directorate is responsible for the development, implementation and maintenance of the Information Security (safety) policy (strategy), the standards, user manuals and procedures, referring to the organization as a whole. The periodical examinations aiming at the correct functioning of the organizational departments according to the rules specified in these requirements are the responsibility of the “Technical support unit” of the IT department of Directorate CSA and the respective regional structures. The investigation of unauthorized access to the Customs systems and other Information Security incidents are administrated by the CSA Directorate and the CSA regional departments, in a joint effort with the “Inspectorate” Directorate. The proposals for disciplinary measures, which are the result of the violation of the Information Security requirements, are a joint responsibility of the Central Customs Directorate Directors or the Regional Customs Directorate Directors, and the “Inspectorate” Department.

All representatives of the “Customs” Agency personnel, regardless of their status (directors, inspectors, specialists, consultants, external experts, etc.) have to be informed, to accept and to follow the Information Security policy, stipulated in this document and other papers of the same kind. The personnel members who break repeatedly and intentionally these and other Information Security regulations are liable to disciplinary measures, dismissal included.

For the coordination of the above-specified collective activities, the “Customs” Agency has to establish three categories, of which at least one will refer to every personnel member. They define the joint responsibilities of the personnel in relation to Information Security. Detailed information about these categories can be found in the Information Confidentiality Policy.

The “Customs” Agency accepts the system of information classification, according to which the information is categorized in four groups. The total information controlled by the “Customs” Agency, regardless of the fact whether it is the information owned by the agency or the information entrusted to the organization, falls within one of these categories.

Detailed information about the information classification can be found in the Information Confidentiality Policy.

If the information falls within one of the mentioned categories, it has to be marked (labeled) in the appropriate way in accordance with its category, from the moment of its creation to the moment of its destruction or re-classification. This marking has to be clearly observable, regardless of the form in which the information appears (printed matter, magnetic disk, CD-ROM, etc.). The broader range of information in the “Customs” Agency falls within the Official category. This is the reason why this type of information is not marked. Thus he information without a label is classified as Official. Additional information about this aspect can be found in the Information Confidentiality Policy.

The information access and processing in the “Customs” Agency is ensured in accordance with the Need-to-know principle. This means that the information is accessible only by people who have the legitimate need of this information, guaranteed by their official duties. At the same time, the personnel members cannot be banned from having access to any type of information if the information Owner has given an instruction for its concession. For the implementation of the Need-to-know conception, the “Customs” Agency accepts the information request procedure and the request approval by the Owner. Personnel members and external experts do not have access to any sensitive information, except for the cases in which they have been given access rights by the respective Owner of the information. In the cases when a certain personnel member changes his official duties (due to dismissal, department transfer, promotion or temporal absence), his system administrator implements the Security Policy in accordance with the respective changes. The rights consigned to all personnel members in the information access will be periodically examined, so that the Owners and Custodians are sure that the information is offered only to the people who need it.

**MAINTENANCE POLICY**

**Introduction**

For the successful functioning and exploitation of the Bulgarian Integrated Customs Information System (BICIS), it is necessary that the organizational-technical measures, leading to permanent and reliable maintenance of its structural elements be implemented. With the purpose of preventing any system failures, a
system for the efficient help organization - BICIS Maintenance - has been developed and put into practice under the BICIS Programme.

The basic purpose of Maintenance is the provision or completion of the prompt solving of any problem, which has appeared in the utilization of the system by the end user in the problem’s unparalleled presentation. Detailed description of the maintenance activity is available in the document “BICIS MAINTENANCE PLAN”.

**Maintenance plan**

**FUNCTIONS OF THE MAINTENANCE SYSTEM**

The basic Maintenance functions focus on the creation of conditions for the normal functioning of the consumer’s work environment elements that are namely the following:

- To give answers to different questions in the appearance of a problem in the BICIS user work;
- To solve all problems as fast as possible;
- To prevent the future problem appearance;
- To guarantee efficient help, provided by the maintenance personnel;

The organization of the efficient help – Maintenance under the BICIS Programme is directed towards problem solving connected with:

- System software and technical environment;
- Networks and communications;
- Application software products

For the specification of the competence area of the Maintenance System, it is necessary to define the “user work environment” concept, i.e. to summarize the cases in which a potential user problem may arise in the implementation of the BICIS Program.

The “user work environment” concept includes all software engineering elements (design, implementation, exploitation, etc), which determine the possibility of the BICIS Project implementation. Detailed description of “user work environment” is given in document “BICIS MAINTENANCE PLAN”.

**Organizational chart**

```
BICIS Maintenance Organization

Level 1 Administration

BICA-20 BICIS Project Manager

Level 2 Regional Team Leader

Technical Maintenance Teams
1. Software
2. Hardware
3. Telecommunication
4. Training
5. Remote
6. Others

Level 3 Regional Coordinator

Technical Maintenance Teams
1. Software
2. Hardware
3. Telecommunication
4. Training
5. Remote
6. Others

Level 4 Central Administration

Functional Requirements Teams
```

```
\[\text{Diagram: Organizational chart of BICIS Maintenance Organization}\]
```
Description of levels, functions, responsibilities.

System for problem registration and analysis

The exploitation of the national information systems assumes the necessity of periodical reaction to “typical” problems appearing at recurrent periods of time. With the purpose of the quick and reliable reaction to such problems, it is necessary that the Maintenance system acquire the elements of an Expert System. This condition presupposes the necessity of the creation of “Knowledge” database, whose use will increase the efficiency of the Maintenance system. For this purpose, standard documents (detailed descriptions are in Appendix 3 of document “BICIS MAINTENANCE PLAN”) have been drawn up for the Maintenance system, which are issued and completed in accordance with the competence level and the issuing place in the solving of a given problem. Every document is specified for its respective level.

Problem solving process.

The problem solving process is progressed through 5 levels from local to external expertise.

**Level “1”** comprises the solving of a problem by an administrator, working in the concrete customs office (Custom-house, Custom border point or Customs bureau) without a direct or an indirect participation of any other officials (external to the customs office) working under the BICIS Program. The activities connected with the elimination of the problem are registered in the BICIS Maintenance system with the completion of Document 1.

At this level, despite the fact that no help for the elimination of the problem has been requested, the information about this problem has to be described for the future taking of timely measures in the eventual recurrence of the problem. Depending on the fact whether the problem has been eliminated or not, DOCUMENT 1 has to be completed for a solved (unsolved) problem at Level “1”, the information of which is transmitted to Level “2”.

**Level “2”** of the elimination of a given problem is characterized by the inability of the administrator within the customs office to solve the problem and the necessity for the elimination of the problem by another official (external to the customs office), working under the BICIS Program.

In cases of an unsolved problem, the Level “1” Administrator connects with the respective BICIS Maintenance Team Leader or with the working person on duty, specified by the director and furnishes him with the information about the unsolved problem and his own activities. If the BICIS Team is not able to remotely eliminate the reasons for the given problem, a representative of the team visits the respective customs office personally.

In cases of Level “2”, the representative of the respective BICIS team has to complete Document 2 and the information is transferred to the upper level - Level “3”.

**Level “3”** problem solving, the elimination of the problem is completed by the respective regional coordinator within the Regional Customs Directorate.

The regional coordinator or the respective Regional Customs Directorate under the BICIS Program coordinates the completion of the problem elimination, by employing the full capacity of the Maintenance system. In cases of Level “3” problem elimination, DOCUMENT 3 of a solved (unsolved) problem is issued, and the information is transferred to the upper level - Level “4”.

In the Level “4” problem elimination, the activities are executed by the BICIS personnel within the Central Program Administration department within the Information Center of the “Customs” Agency.

The personnel of the Central Administration have to make an overall monitoring and management of the part of the user work environment, which falls within the limits of the Help Maintenance system. At Level “4” the BICIS functionality problems are directed for their solving to the Application Support Unit. The Application Support Unit analyses the problems in connection with the BICIS functionality, determines the priorities for the elimination of the given problems, makes assignments for the elimination of the functional problems, and informs the regional coordinators about these procedures.

Level “4” is the last internal BICIS Program competence level in the solving of a given problem. When necessary, organizational-technical activities for the employment of an external organization to the BICIS Program, like firms supplying technical equipment, software, etc. have to be executed.

In the elimination of a Level “4” problem, DOCUMENT 4 for a solved (unsolved) problem at Level “4” has to be issued.

In the Level “5” problem elimination, the activities are executed by external organizations to the BICIS Maintenance system.

The competence of Level “5” is determined by the contracts with the respective external organizations.
In the elimination of a given problem at Level “5”, the service maintenance organizations determined by the System Integrator issue DOCUMENT 5 for a solved (unsolved) problem, while all other firms have to complete DOCUMENT 6.

**TECHNICAL ARCHITECTURE AND APPLICATIONS**

**CURRENT ARCHITECTURE**

**TECHNICAL INFRASTRUCTURE**

Workstations at BCA are approximately 2000. They are mainly 5 types with following characteristics:

**IBM PC 300 GL:**
- CPU: Celeron 333 MHz
- RAM: 32MB SDRAM
- HDD: 3,2 GB

**IBM PC 300 PL**
- CPU: PENTIUM II 400 MHz or PENTIUM III 450 MHz
- RAM: 64 or 128MB
- HDD: 6,4 GB ULTRA ATA – 33 with S.M.A.R.T.

**IBM NetVista**
- CPU: Celeron 600MHz
- RAM: 64 SDRAM
- HDD: 10 GB

**IBM IntelliStation**
- CPU: Pentium III 800MHz
- RAM: 128 SDRAM
- HDD: 1 x 10 GB and 1 x 14GB

Some old PCs still exist with 4/586 CPU running in various support departments (accounting, secretaries etc.)

Servers that are used at BCA are mainly two groups according to their architecture:

- PC based servers – approximately 125
- RISC servers

PC based servers are with following parameters:

**Low Class**

**IBM Netfinity 5000 8659-22Y**
- CPU: PENTIUM II – 400 MHz – Upgradable to 2CPU
- RAM: 128MB SDRAM ECC Memory  Upgradable to 1GB
- HDD : 9,1 GB Wide Ultra SCSI

**Middle class**

**IBM Netfinity 5000 8659 –31Y with RAID**
- CPU: PENTIUM II – 450 MHz - Upgradable to 2CPU
- RAM: 256MB SDRAM ECC Memory Upgradable to 1GB
- HDD : 3x 9,1 GB Wide Ultra2 SCSI

**IBM Netfinity 5100 with RAID**
- CPU: PENTIUM III – 800 MHz
- RAM: 256MB SDRAM ECC Memory  Upgradable to 1GB
- HDD : 6 x 9,1 GB

RISC servers are IBM RS6000 family models.

1. Customs Points/Customs Bureaus: workstations used – IBM PC 300GL and IBM PC Netvista, servers- 1 x IBM Netfinity 5000 22Y (low class), in heavy loaded IBM Netfinity 5000 31Y (middle class)
2. Customs Houses: workstations used – IBM PC 300 GL/PL, IBM Netvista, servers – mainly middle class PC based IBM Netfinity 5000 – 31Y and IBM Netfinity 5100. At Customs House Sofia Airport as heaviest loaded site there is IBM RISC 6000-F80
3. Regional Customs Directorates: workstations used – mainly IBM PC 300 PL and IBM PC Netvista. For system administration needs IBM IntelliStations are used. Servers – IBM RISC 6000-F80, F50, E20.
4. Central Customs Directorate: workstations used – IBM PC 300 PL and IBM PC Netvista. For system administration needs IBM IntelliStations are used. Servers:
   - 1 for replication and I/F w/other systems (Bulstat etc.),
• 1 for storing consolidated data IBM RISC 6000-S7A, 4 processors, 1GB RAM, 4x9GB HDDs SSA in RAID and second RAID massive 10x36 GB,
• 1 for Internet services which is IBM Netfinity 5000 31Y and 1 IBM Netfinity 5000 22Y for proxy services,
• 1 IBM Netfinity 5000 31Y for File services at CCD level,
• 1 IBM PC based server for centralized anti-virus protection which is at CCD level.

OPERATING SYSTEM
The operating systems used on workstations, are basically Windows NT4 and some Windows2000. Old PC’s are using Windows 95/98.
PC Based Servers are on SCO Unixware 7.0.1. At CCD there is one Netfinity running Novell 5.0 because it is used as fileserver.
All RISC servers at BCA are running AIX 4.3.3.

DATABASE
Currently for main RDBMS is used Informix 7 on UNIX platform.
Each Customs site supports own DB instance for processing documents. The data moves to each Customs level above in accordance with approval procedure. Synchronization among different levels is maintained with feedback connection mechanism – confirmation messages, which guarantee information integrity.

COMMUNICATIONS INFRASTRUCTURE
At present in each Customs Site there is a TCP/IP based LAN. At the CCD level and the Sofia region there is some Fiber Optics lines with minimum 2Mbit throughput. The rest are either Leased lines (mainly at the Varna RCA) or dial-up connections at maximum 33.6Kb.
Communication hardware that is used mainly consists of switches BAYSTACK 150, modems min. 14400 KB max 56000Kb through put capacity, different dial-up modems.
Currently data is transferred from one level to another using PGP encryption via Internet and the Customs data is extracted from each server by an application module of BICIS and the final file is sent as mentioned above. The files move to each Customs level above, a consequent extract (appl) sends them to each level. At each level there is a production of a confirmation status report.

CURRENT APPLICATIONS
The current system covers a Customs Clearance System with its’ Reference Data requirements such as Tariffs, Tariff and Non-Tariff measures and other legislative information. Additionally, there is a Control Module, which assigns administrative and access rights to the Customs staff. A Reporting system has also been designed and implemented. These applications have been implemented in all the Customs sites.
In detail, the system as it is today, handles the following functions:

- Customs Clearance functions handling all types of Customs approved treatment and use of goods according to the law and its’ implementing provisions.
  - Manifest (the whole procedure).
  - Customs procedures using SAD.
    - Import
    - Export
    - Temporary import and export
    - Inward and outward Processing
    - Customs warehouses
    - Processing under Customs control
    - Transit covering office of departure and destination
      - SAD Transit
      - TR Carnet
      - ?? Carnet
      - CIM and CMGC (Russian) Transit
      - Postal Transit
      - TR Transit (large rail containers)
      - Cargo Manifest Transit (air and sea)
  - Re-export.
  - Destruction under Customs control.
  - Abandonment of goods.
- Reference data functions, covering information used by the Clearance system
  - Tariffs system.
    - Tariff Nomenclature
ANNEX 3

- Duty rates (MFN and GSP)
  - **Tariff and Non-Tariff measures.**
    - Agreements (economic, Washington and Montreal conventions, etc.)
    - Preferential duties
    - Quotas
    - Restrictions/Prohibitions
    - Licenses
    - Other
  - **Other legislative information.**
    - VAT
    - Excises
    - Economic taxes
    - Sanitary
    - Other
  - **Codes and Nomenclatures.**
    - ISO Country codes
    - ISO Currency codes
    - Codes of Customs procedures
    - Other
  - **Company info** received from BULSTAT.

- **Administrative functions.**
  - Reference Data updating from the CCD to all Customs Sites
  - Assigns administrative and access rights to the Customs staff
  - Reporting functions for the Reference data system

- **System Functions.**
  - Collection of data (SAD, etc.) from the Customs sites to CCD
  - Collection of TIR data from Customs sites to CCD and then forwarding the data to the International Road (Transport) Union (IRU).

- **Reporting system.**
  - Pre-defined reports
  - Ad-hoc reports using a report generator
  - Ad-hoc reports using an initial and recently defined configuration of OLAP.

**FUTURE ARCHITECTURE**

**TECHNICAL INFRASTRUCTURE**

- **Workstations**
  - No change planned except some upgrades concerning RAM memory.

- **Servers**
  - According to the growing need of capacity and performance in processing data at customs sites, some of the servers can be upgraded with more RAM, additional disk space and CPU.
  - At the CCD level for firewall an IBM RISC 6000-B50 model will be deployed.
  - For centralized system management and monitoring an IBM RISC 6000-F80 will be used.

**OPERATING SYSTEM**

- Operating systems used for the servers mainly will remain the same – AIX and SCO Unix Ware, as mention above. There are some services that will possibly migrate to LINUX.
- Concerning the workstations Windows NT/2000 only will be used.

**DATABASE**

- For the time being no change of RDBMS is planed. RDBMS will remain the same – Informix, as mention above.
- The RDBMS change will be possible after basic analysis, which has to include: detailed report for growing needs of the BCA, technical advantages and financial conditions. If such change will be undertaken, it has to take into account the trends of the information technology markets.

**COMMUNICATIONS INFRASTRUCTURE**

- A communication infrastructure based on Ministry of finance WAN network project is in progress and scheduled to be completed by mid 2002.
- TIVOLI products are in process of deployment for centralized management and monitoring.
The physical infrastructure will provide main and alternative routes between two points, which will guarantee high availability of network. The logical part of infrastructure will provide information flows adequate to the real customs processing and assure opportunity for easier management and monitoring. For security reasons a strong encryption will be realized in communications between the CS. For encryption processing will be used IBM RISC6000 model B50 distributed between the CS. The detailed information about this is in Customs communication infrastructure.

This organization of communication infrastructure will help in centralized application deployment, easier updating of reference data and maintenance.

Current communication infrastructure will be used as back-up for emergency cases and diagnostics.

All communications are projected to be TCP/IP based.

CURRENT DEVELOPMENTS & FUTURE APPLICATIONS


The current developments aim at continuing the computerization of the Customs business as specified in the BICIS Stage_2 & 3 Project Plan. This contract has been awarded to Information Services (IS), an IT contractor of the Ministry of Finance (MF). In addition, a Technical assistance contract has been signed under PHARE funds and a Project Support Team (PST) has been implemented (15/01/01) to provide support to the NCA staff. The main activities of this Project Plan can be summarized and will be reported as follows:

- **Corrective maintenance of BICIS Stage_1.** This activity is progressing as planned and involves some system fine tuning as well as additional functionality to the system
- **Pure BICIS Stage_2 & 3 sub-systems development.** This activity is at the Analysis Phase. It involves the development of Transit (Phase 1), Customs Debt (Financial subsystem), Enforcement, Authorizations, Inspectorate and Human Resources systems. The main priority is Transit and currently there is a draft version of Analysis documents ready. The development of Transit has been Phased-out, with the first phase covering all National Transit aspects at the core level of the business.
- **BICIS Stage 2 - Re-engineering of BICIS Stage_1.** This activity involves the re-programming of the BICIS Stage_1 applications with a UML (modularity) approach using the Rational Rose tools. This activity also involves the development of a data communications sub-system. However, a decision to re-engineer the BICIS Stage_1 applications using a Web-based approach will minimize the communications sub-system development volume of work since web-applications servers already include a major part of data communications software.
- **Communications infrastructure.** The Ministry of Finance (MF) is developing a WAN (Wide Area Network), which will handle all the MF communications needs (Customs and Tax Agencies). This project is expected to be materialized by mid 2002 and to provide the adequate throughput required for the Customs Business.
- **Miscellaneous activities.** This involves the implementation of OLAP (a global reporting system serving as a data warehousing facility) and some additional hardware acquired through PHARE funds.

In addition to the above, a contract has been signed with Euro-Customs, which will address the requirements for the interconnectivity with the DG TAXUD systems.


REMARK: This section does not cover EXCISE (SEED/EMCS) requirements, since the Tax Administration currently manages this function.

**Development of the Reference Data Module (RD) – Integrated Tariff Management System (ITMS) SECTION**

The RD Module covers all data that serves The Customs Systems, such as the Clearance System, the Transit System, the Enforcement System, etc. This Module will include Risk Analysis and Selectivity Criteria, Customs Offices lists and all kind of data required by other systems. The ITMS also is a major part of this Module.

This specific Activity will cover all the DG TAXUD requirements of the Tariff related systems at the National Level only. All the data requirements of these functions will be met at the National Level. Two years before accession to the EU, development of the Interface requirements will start. The Functions to be covered are the following:

- Taric
- BTI/BOI
- ECICS
- Quotas
• Surveillance data (Ceilings, Trigger levels, Reference volumes, Export data)
• IPR
• Tariff Suspensions

In addition to these systems, the RD module will include the TCO national requirements development. **This project has been agreed with the EC to be included in the Phare 2003 project request.**

**Development of the Bulgarian Transit Management System (BTMS) phase-2 = COMMON/Community Transit (NCTS).**

This Activity will finalize the development of all the Common Domain requirements for NCTS as follows:

• The adaptation and integration of MCC into the BTMS (part of BICIS), initially for MCC phase 3.1. This will be performed by integrating in the BTMS the NCC requirements under the MCC 3.1 phase, which are not covered under the national transit Phase 1 project (see above). This project will ensure the full integration of MCC 3.1 into the BICIS platform, which will include the re-engineering of MCC according to the environmental needs and tools used by BICIS, its’ centralization/web based approach and its translation to Bulgarian.

• Following the completion of MCC phase 3.2, the same adaptation and integration to BTMS will take place.

**This project has been included in the Phare 2003 request**

**Remaining BICIS Needs**

This Activity will finalize the BICIS development at the National level and will include:

• Direct Trader Input (DTI) for the Customs Clearance System (except transit, which is developed under the transit project).

• Development of an Internet Data Dissemination System for the trade. This system will not duplicate work already displayed on the EC Europa Server DDS System.

The above two requirements have been included in the Phare 2002 request

• Customs Intra-mail with attachments development.

• Implementation of the AFIS system.

**Human Resources System – Common and Interface requirements with the Customs Offices.**

This Activity will finalize the development of the Human Resources System, which will cover the connection of all the Customs Sites with the Central System.

**Future Requirements (2006–2007)**

This section describes the additional needs of BICIS, in order to achieve Interconnectivity with the DG TAXUD Systems

**Development of the Interfaces with the DG TAXUD Systems**

This Activity will deal with the Interface development of all the related systems with the DG TAXUD systems:

• TARIC
• ECICS
• EBTI
• BOI (If any system (ORNET) exists by that date)
• TCO/TCT
• Tariff Suspensions (If any system exists by that date)
• IPR
• ETM (Quotas and Surveillance data)
• CCN/CSI (This system might be required sooner than the above dates due to NCTS testing requirements). This system should be requested by the MF IT department, which manages common IT activities in various subordinate Agencies, in this case Customs and Tax Agencies.

**REMARK:** Currently the Customs administration has the authority to collect Excises for imported goods. The legal framework for Excises, inland Excises collection and overall legal application control are within the competence of the Tax Administration. If by the time of Accession to the EU there is a decision for Customs to manage Excises, the NCA will notify the Commission in the Future NPAA plans.
ANNEXES

ANNEX 1. IT STRATEGY PLAN

APPROVED:

E. DIMITROV
DIRECTOR OF
THE NATIONAL CUSTOMS AGENCY

STRATEGY
FOR RATIONALISATION OF BULGARIAN CUSTOMS ADMINISTRATION'S BORDER OPERATIONS
IN THE PERIOD 2001-2006
INTRODUCTION

1. The Strategy for rationalization of the BCA border operations is based on the Business Strategy (BS) of the BCA and the Detailed Financial Plan of the budget and human resources, necessary for the total implementation of the BS of the BCA, the objectives of the state fiscal policy, the national legislation and the criteria for preparation of the Republic of Bulgaria for accession to the European Union (EU). It defines the main priorities, objectives and areas of BCA activity in the field of reinforcement of border control and defines the methods for their achievement, in compliance with the Customs Blueprints for Border and Inland Control and with the strategic objectives set in the Business Strategy of the Bulgarian Customs Administration.

Taking into consideration the fact that Bulgaria is in a higher extent transit country, as well as the prospect of future membership in the European Union, it is necessary a review of the control methods applied at the borders to be performed. This Strategy and the related Action Plan establish the framework of the activities for preparation of the Republic of Bulgaria to ensure proper and uniform application of the European Legislation along the future external borders of the European Union.

2. General conditions in the field of border control in the Republic of Bulgaria and role of the Bulgarian Customs Administration at conducting border control

The control along the Bulgarian borders has always been and will be a high priority for the Republic of Bulgaria, considering its geographic location as a bridge between Europe and Asia, the variety of transit roads and variety of borders (sea – Black Sea, river – Danube River, land – with 5 countries, international airports), the high level of passenger flow and freight flow, and the risk of illegal traffic of people, goods and drugs.

The Bulgarian Customs Administration performs basic functions in the frame of border control along the Bulgarian borders. Its priority task is the conduction of customs control over goods and vehicles and relevant activities – customs clearance, fight against customs and currency violations and fraud, protection of intellectual property rights, cooperation with the market surveillance authorities, etc.

The Bulgarian Customs Administration applies customs legislation, which has adopted the principles of the EU Acquis Communitaire and is harmonized in high extent with it. The customs clearance is performed at border and inland customs premises, which facilitates the procedures on the border. The considerable improvement of the border operations will be achieved with the implementation of the Bulgarian Integrated Customs Information System (BICIS).

Another high priority task of the Bulgarian Customs Administration is the fight against customs and currency violations and fraud. The Bulgarian Customs Administration for the last years is one of the top three customs administrations in Europe in number of seizures and confiscated heroin quantity along the so-called “Balkan road”.

The Bulgarian Customs Administration endeavours in implementation of risk analysis methods, complied with the ones applied in the Member States. The applied border controls are based on selectivity of suspicious goods, passengers and vehicles techniques. Risk profiles of the separate customs border check points have been developed, considering the specifics of the relevant region. The factors related to a concrete type of risk, causing the relevant risk level of the risk region, have been analysed. Selectivity profiles have been developed at a regional level, with the purpose of channelling the control of vehicles, passengers and freights. The next objective is the improvement of the efficiency of the border control operations through development of “Risk analysis and selectivity” module of the Bulgarian Integrated Customs Information System (BICIS), which is
planned for year 2002. Supplementary positive effect over the border customs control is coming from the rationalization of the inland control along the country territory through implementation of control via mobile groups and post clearance control.

The Republic of Bulgaria has adopted a legal framework, guaranteeing the protection of intellectual property rights, fully harmonized with the EU Acquis Communaire, including border measures for protection of intellectual property rights. A satisfactory level of cooperation between all institutions involved in the fight against piracy and intellectual property rights violations has been achieved.

Performing its powers in the field of border control, the Bulgarian Customs Administration applies a policy of optimisation the staff number and improvement of its qualification. The Bulgarian border checkpoints have almost similar structure, considering the specifics of the relevant transport mode. Currently, the border checkpoints are 51, and 7 new ones are to be opened. Actions for improvement of the information exchange and communications between the separate border check points and the separate customs administration units, have been undertaken.

Apart from the Customs Administration, some other authorities perform border control in Republic of Bulgaria. The National Border Police Service authorities are responsible for the security of the state border and the control of passengers. The Medico-Sanitary, Veterinary, Phyto-sanitary, authorities and other border control authorities also perform their specific duties within the framework of the border operations.

Cooperation with other administrations, performing border control, including the National Border Police Service, shall be developed in the line of effective distribution and clear distinction of the competencies between the authorities, in conformity with the International Convention for harmonization of border control of goods and the Instruction for cooperation between the customs and Ministry of Interior authorities, which is currently in a process of amendment. It is necessary and currently on-going an updating of the normative basis in that field, and therefore Interministerial Council on the border control check points issues was established, where all border control authorities are presented. Main task of the Council is the improvement of the coordination between these services with the aim of speeding-up the border crossing.

There is a very good cooperation between the Bulgarian Customs Administration and the administrations of the neighbouring countries along all land borders of the country. The intention is further improvement of the work in this field through development of common border checkpoints with neighbouring countries.

The BCA’s border operations are in close relation to its anticorruption activity. There is a number of measures taken to implement contemporary legal base, to strengthen the internal control and monitoring, to implement independent monitoring of the customs activity and strengthening the self regulating mechanisms in the administration, which will lead to sharp decrease of the level of corruption at the border posts and in the customs administration as a whole.

II. Main Objectives of the Bulgarian Customs Administration in the field of border control

The Main objectives of the Bulgarian Customs Administration are:

- Facilitating the legal traffic of passengers and goods, by performing systematic, efficient and effective customs control at the ports, airports and land border posts and in this way securing the collection of the incomes and protection of the people.
BCA concentrating major efforts on the future external borders of the European Union

The fact that the majority of the Bulgarian borders will become external borders of the expanded European Union and the variety of borders (land, sea, river and air borders) requires the strategic objectives for action of the BCA to be directed to:

1. Strengthening the fight against customs and currency violations and crimes
2. Improvement of the co-operation with the customs administrations of the neighbouring countries and reducing customs clearance and waiting times at the borders
3. Improvement of the co-operation with the other border control authorities
4. Ensuring sufficient and qualified staff for supporting the border control
5. Provision of necessary and suitable infrastructure, technical facilities and equipment to support customs control, to allow physical checks and to improve working conditions
6. Development of regular relations and exchange of information with the trade and public

III. Strategic objectives and tasks

The objectives and tasks of the BCA are defined on the basis of the following main strategic documents:

- European Association Agreement /ECA/
- Accession Partnership
- National Strategy for Membership of the Republic of Bulgaria in EU
- European Commission Chapter Position on Chapter 24 “Justice and internal affairs” and Chapter 25 “Customs Union”
- National Program for Adoption of the Acquis
- Declaration of Endorsement of the Pre-accession Preparation Strategy for the Customs and Tax Administration
- National Strategy for Preparation of the Bulgarian Customs Administration for Membership in EU and its implementation Programme
- Co-ordination between the Republic of Bulgaria and EU in taking up of positions in international negotiations related with customs area
- International convention for harmonization of the border control of goods
- Customs blueprints for Border and Inland Control
- Business Strategy of the Bulgarian Customs Administration
- Detailed Financial Plan of the budget and human resources, necessary for the total implementation of the BS of the BCA
- Plan- program “Border and Internal Control”
- Detailed Plan of the activities for implementation of the objectives and tasks, included in the BCA’s Business Strategy
- Final Report of Mr. Rainer Beussel, chief expert under the Phare project “Reinforcement of Border Controls”
- National Strategy for fight against corruption
- National Plan for Adoption of Acquis in relation to the Convention for applying the Schengen Agreement

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<tr>
<th>Objective 1: Strengthening the fight against customs and currency violations and fraud</th>
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<tr>
<td>1.1. Optimisation of the activities on implementation and functioning of risk analysis and customs control selectivity techniques, assuring systematic, comprehensive, flexible and consistently applied customs control.</td>
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<td>1.2. Improvement of intelligence and investigation activities and establishment of teams for intelligence and investigation of smuggling and customs fraud.</td>
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<td>1.3. Improvement of intelligence and investigation of drug-trafficking and further development of the administrative structures for fight against drug trafficking.</td>
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<td>1.4. Provision of wider range of customs powers in the field of intelligence and adoption of relevant amendments to the legislation.</td>
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<tr>
<td>1.5. Implementation of inland control via mobile customs groups and adoption of relevant amendments to the legislation.</td>
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<td>1.6. Provision of wider range of customs powers allowing the performance of independent controlled deliveries.</td>
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<td>1.7. Improvement of the Instruction regulating the terms for co-operation between customs authorities and the Ministry of Interior in relation to prevention and investigation of customs and currency violations.</td>
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<td>1.8. Establishment of Post Clearance Control and adoption of relevant amendments to the legislation.</td>
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<th>Objective 2: Improvement of the co-operation with the customs administrations of the neighbouring countries and reducing customs clearance and waiting times at the borders</th>
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<td>Tasks:</td>
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<tr>
<td>2.1. Awarding of bilateral agreements with the neighbouring countries and implementation of joint border posts/operations with the neighbouring countries.</td>
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<td>2.2. Alleviation of the customs formalities at the border posts by implementing common border posts/joint border operations with the neighbouring countries.</td>
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<td>2.3. Establishment and development of a 24 hour working Operative centre within NCA.</td>
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<th>Objective 3: Improvement of the co-operation with the other border control authorities</th>
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Tasks:

3.1. Development of a new Normative regulations for the organization of the border posts, in compliance with the International Convention for harmonization of the border control of goods, that is going to replace the currently applied legal base.

3.2. Improvement of the co-operation and information exchange with the Ministry of Interior, including the National Border Police Service.

3.3. Improvement of the co-operation and information exchange with the other border control authorities.

Objective 4: Ensuring sufficient and qualified staff for supporting the border control

Tasks:

4.1. Improvement the professional qualification of the customs officers and organisation of specialized training in the field of border and internal control in the framework of the Strategy for organization and management of the Human resources.

4.2. Development of a Plan for dissemination of tasks in the customs offices at the border considering their specifics and the existing equipment.

4.3. Development of a system for providing additional personnel in the border check points considering the strengthening the future borders of the European Union, the widening of the control functions in relation to the Common agricultural policy and the increased traffic volume.

4.4. Publication of Manuals for the customs officer’s activities.

Objective 5: Provision of necessary and suitable infrastructure, technical facilities and equipment to support customs control, to allow physical checks and to improve working conditions

Tasks:

5.1. Establishment of a specialized unit in the Customs Administration, for organisation, planning and development of infrastructure, installations and technical equipment, as well as for technical co-operation with the neighbouring countries and creating a database for modernization of the control techniques.

5.2. Improvement of the check points infrastructure, with particular attention on the future external borders of the European Union; greater attention to the improvement of the infrastructure of Kapitan Andreevo border post should be paid.

5.3. Improving the technical facilities of the border checkpoints based on the performed analysis of their activities.

5.4. Achieving full operational capacity of the Bulgarian Integrated Customs Information System (BICIS).

Objective 6: Development of regular relations and exchange of information with the trade and public
6.1. Provision of regular, clear and timely information to the trade operators and the public about the changes in the legislation, procedures and required documentation.

6.2. Maintenance of an informational column for the border operations in the NCA’s web page.

6.3. Issue of border operations informational brochures.

IV. Financing
The detailed financial data are given in the Annex, grouped by strategic objectives and deadlines for their implementation.

The activities given in the Annex and revised according to the strategic objectives and tasks under the Strategy for rationalisation of BCA’s border operations, will be financed by the State Budget, PHARE and TAIEX programmes, as well as from the World Bank “Trade and Transport Facilitation in the South Eastern Europe” Project and other resources.

Part of the projects will be implemented without additional investments. In 1998 and 2000 some of them have already been financed by Phare funds, including 1998, 2001 and 2002 National Phare Programmes, Phare 2000 Cross-border Co-operation between Bulgaria and Romania Programme, 1998 – 2001 Joint UNDCP/Phare Programme. The remaining funds under these programmes will be allocated mainly for training, consultations and delivery of equipment. The estimated amount for financing under Phare 2002 Programme depends on the agreement to be reached between the Ministry of Foreign Affairs of the Republic of Bulgaria and the European Commission. Therefore, the financial sources for 2003 – 2004 are subject to change.

Conclusion
The Strategy for rationalization of the BCA’s border operations defines the customs activities, considered by the NCA as key ones in its development and in the pre-accession period.

Possible risks for the implementation of the objectives and tasks could be the limited state budgetary resources, limited supplementary resources, insufficient efforts by the administration, insufficient public support.

The Strategy for rationalization of the BCA’s border operations specifies and develops the Business Strategy of the BCA. It is a basic document for the BCA border control activities and is a result of the Activity 1 of the Reinforcement of Border Controls Project. It is subject of approval by the NCA Phare Steering Committee and endorsement by the NCA. The Strategy will be periodically updated.

Amendments to the Strategy for rationalization of the BCA’s border operations will be made on the basis of BCA needs analysis, legality of the conclusions at managerial level and calculation of the costs for the required amendments.