



PCT SAPIA

THE ISRAELI PCT RECEIVING OFFICE SYSTEM DETAILED DESIGN SUMMARY

Document Title	PCT SAPIA – The Israeli receiving Office System
	Detailed Design Summary
Document File Name	PCT SAPIA.doc
PCT Expert	Dr. Michael Bart
CIO of the Israeli Patent Office	Hanoch Yehoshua
System Analyzers	Aviva Ben Giav, Chava Kahana, Yony Hassidim, , Gila Shtibel
User Interface Specialist	Yifat Rubin
Issued By	Chava Kahana
Issue Date	January 31 st 2010

Table of contents

1. INTR	RODUCTION 4	
1.1.	PCT SAPIA OVERVIEW	5
1.1.1.	Functionality	5
1.1.2.	Flexibility	6
1.1.3.	Technology	6
2. FILE	E 6	
2.1.	Creating a file	6
2.1.1.	Manual file creation	6
2.1.2.	Loading from PCT Safe	
2.2.	THE FILE HEADER	9
2.3.	FILE CONTENTS	10
2.4.	DOCUMENTS	21
2.5.	FILE MANAGEMENT	25
2.5.1.	Incoming Correspondence	25
2.5.2.	Outgoing Correspondence	30
2.5.3.	RO Forms	33
2.5.4.	The Follow Up	34
2.5.5.	Examinations	37
2.5.6.	The File's Treatment Process	48
2.6.	FEE CALCULATION	51
2.6.1.	Check List	51
2.6.2.	Fees	52
2.6.3.	Payments	54
2.6.4.	Payment Summary	55
3. CRO	SS FILE FUNCTIONALITY	55
3.1.	USERS AND TASKS	55
3.1.1.	Users	55
3.1.2.	Tasks	56
3.2.	Parties	58
3.3.	FINANCE	61
3.4.	System Management	64
3.4.1.	External users – web users	64
3.4.2.	Site messages	68
3.5.	REPORTS	69
4. THE	WEB SITE 70	
4.1.	SERVICES OPEN TO THE PUBIC	70
4.1.1.	Current fee rates	70
4.2.	SERVICES FOR SECURED USERS	71

4.2.1.	External User Coordinator Registration	71
4.3.	SERVICES FOR REGISTERED SECURED USERS	74
4.3.1.	User coordinator Contact management	74
4.3.2.	Submissions	
5. INTER	RFACES 81	
5.1.	Interfaces	81
5.2.	THE INTERFACE LOG FILE	82
5.3.	MANUAL ACTIVATION	82
6. ANNE	XES 83	
6.1.	Annex A	83
6.1.1.	Incoming Correspondence Types	83

1. Introduction

Israel is a member of the Patent Cooperation Treaty (PCT) from June 1, 1996.

Israeli applicants have placed among the 15 main users of the PCT in 2008, followed by those of Belgium, Denmark, Austria, Spain, Norway, Russian Federation etc.

The ILPO is among the top 13 in the world in terms of the number of international applications received as a receiving Office under the PCT.

Since the beginning of its operation in 1996, the PCT Office has received and processed more than 16000 international applications.

In July 1999 the Israel PCT Office started processing of the international applications, using PCT-EASY software. The PCT-EASY software remains the most popular electronic means for filing international applications. In 2008 more than 95% of the international applications filed using PCT-EASY software.

One of the main projects of the Israeli Patent Office (IPO) this year was developing a new system to accommodate the PCT department in its function as an international receiving office. This project is a joined effort between WIPO and the IPO and is intended to be implemented first in Israel and later on in other receiving offices around the world.

The system's detailed design was completed and it is now being developed.

This document is short a summary of the detailed design it describes the different modules, shows screen shots and explains the main processes and functionality.

The complete detailed design is described in 16 detailed documents each describing one module. This document gives only an overview of the highlights of the functionality and screens.

1.1. PCT SAPIA Overview

The Israeli PCT RO/IL System is called **PCT SAPIA** - **S**ystem for **A**dministration and **P**rocessing of **I**nternational **A**pplications. The PCT SAPIA system is the tool for achieving many of the goals set by the PCT department:

- Mechanizing all process in the PCT/RO department.
- Reducing the treatment elapsed time.
- Increasing the accessibility to the public and improving the service.
- Reducing the work with hard copies (paper) to a minimum.
- Improving the fee collection.
- Improving the communication between the receiving office and the International Bureau.
- Creating a flexible system that can support changes in business logic with minimal or no extra development
- Creating a compatible system that may be implemented in receiving offices in other countries

1.1.1. Functionality

The PCT SAPIA system supports all aspects of a PCT Receiving Office:

- Creating a file for a request by loading PCT Safe file
- All bibliographic details of a PCT request.
- Parties
- A full electronic file, supporting a paperless office.
- Incoming and outgoing correspondence including the handling flow.
- All RO Forms in the according to the PCT Treaty.
- Request formal examinations.
- The workflow of the handling the request.
- All fee handling and creation of financial reports
- Internal and external users and roles
- Tasks for each user and/or role.
- Reports.
- Electronic Interface to and from WIPO through the EDI.
- Wes site for submitting requests and correspondence.

1.1.2. Flexibility

PCT SAPIA is designed to support maximum flexibility and is very easily customized. A large amount of the specific functionalities is derived from setup data. Changing the processes flow, characteristic or a certain behavior can be done usually with no additional development, or with very minimal and local code changes.

This system's quality will minimize the adjustments and customization needed when new PCT Treaty changes will or when installing PCT SAPIA in another country.

1.1.3. Technology

The PCT SAPIA system is developed using Visual Studio 2008 and SQL Server 2008 database.

In the following paragraphs the functionally of the different modules is described.

2. File

A file represents an international request that was filled.

2.1. Creating a file

There are two ways to create a new file.

- Manual creation entering the very basic information and then manually entering all the bibliographic data in the different screens described below.
- Loading from PCT Safe entering the international request's data into the PCT Safe freeware developed by WIPO and then loading the information in the system.

2.1.1. Manual file creation

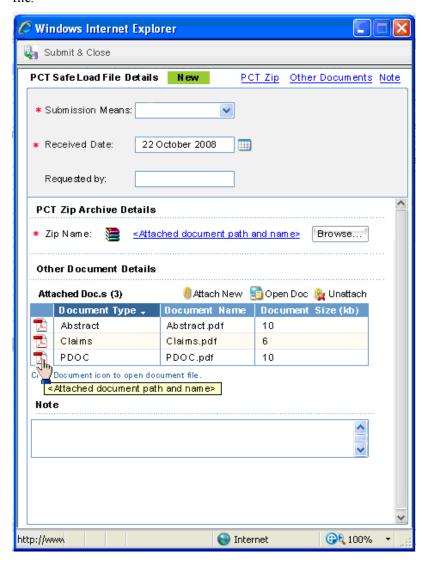


To open a new file manually only the very minimal basic information must be entered.

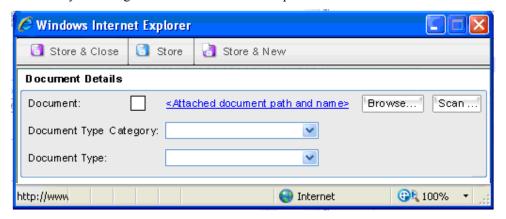
2.1.2. Loading from PCT Safe

A file may be opened loading a zip file created by PCT Safe easy mode and attaching the relevant documents or attaching a zip file created from PCT safe full electronic mode that already includes the Application files.

All the details are loaded into the different file tables, and the documents are attaches to the file.



To attach a new document the document details screen in used. The new file may be scanned or found by browsing the dictionaries on the computer.



2.2. The File Header

The file has a file header and three tabs each containing folders. The tabs contain information about the file's contents, the file management and the fee calculation.

When viewing the file's information in any tab the header is always displayed, it contains general information that must always be available:

- The file's number by default the international application (IA) number it is displayed, if there is no IA number the internal submission number is displayed instead.
- The file's status
- The file's International Filling Sate
- The priority date.
- The formal examiner in charge of the file.
- The period in the file's life
- The payment status
- Alerts.

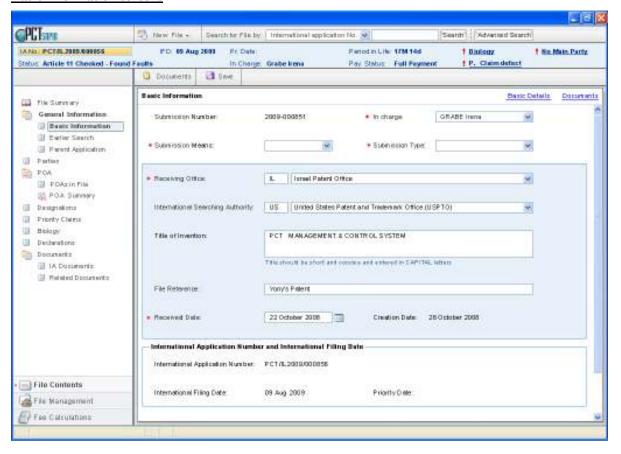
There is a fast search to find other files and a button that opens the advanced search.

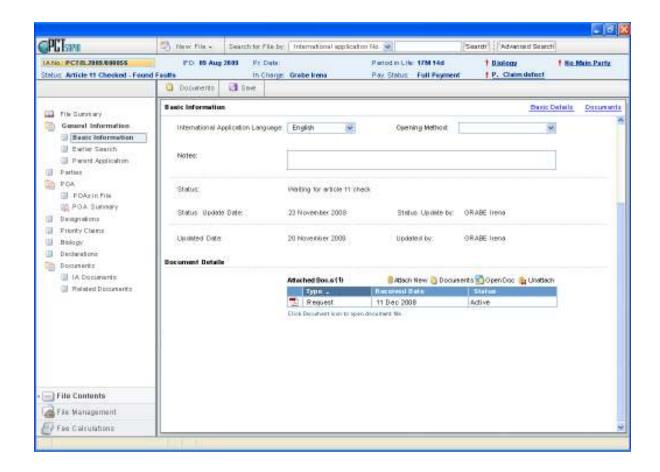
A new file can be created using the "New File" button.

2.3. File Contents

The file contents tab is the file's bibliography and includes basic information, earlier search, parent application, designations, priority claims, biology and depository details declaration, parties and documents.

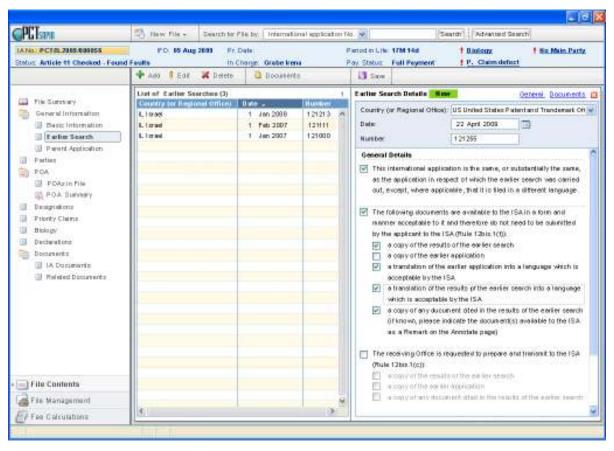
Basic information screens



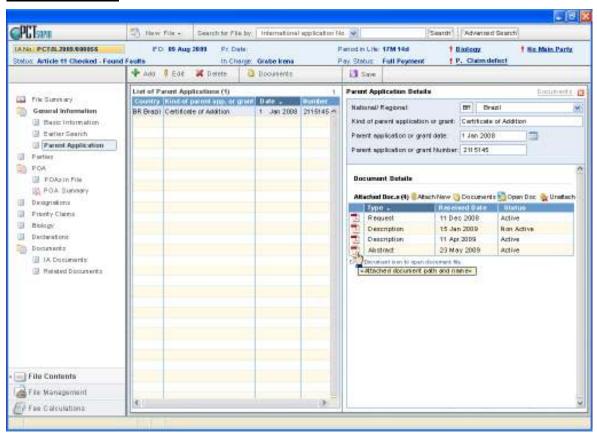


Earlier Search

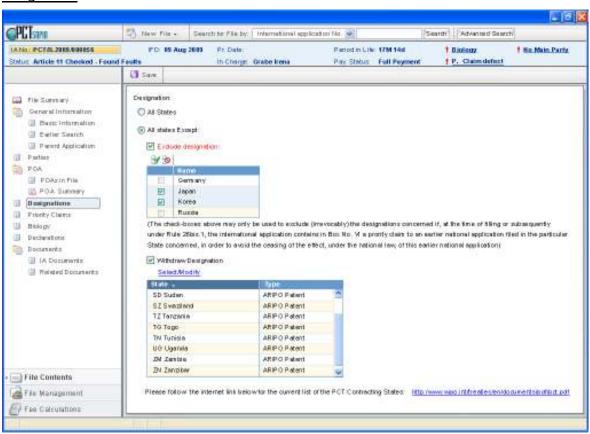
The center panel holds the list of the earlier searches performed the left panel displays the details of the earlier search selected.



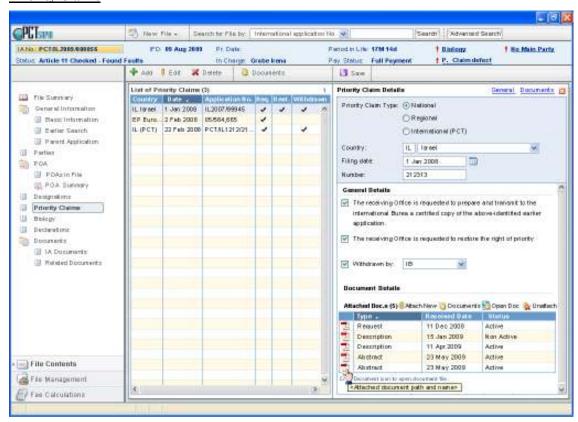
Parent Application



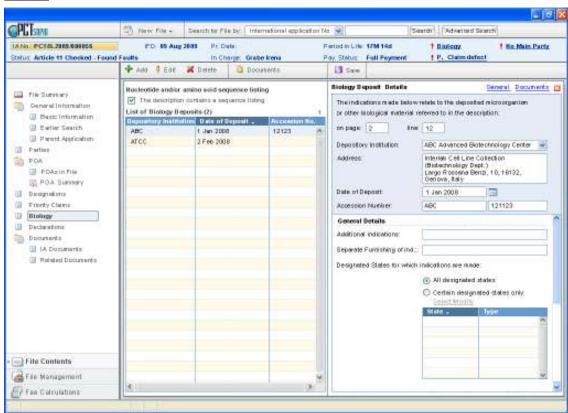
Designations



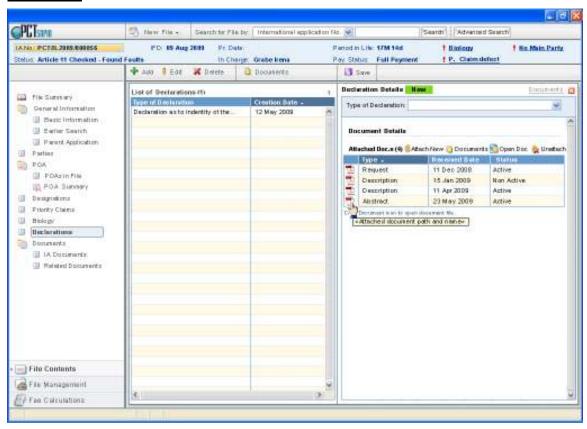
Priority Claims



Biology

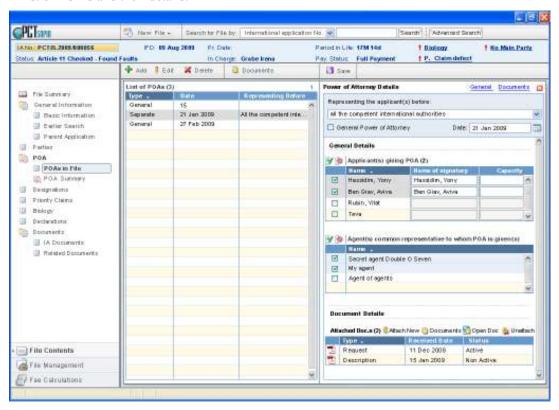


Declarations

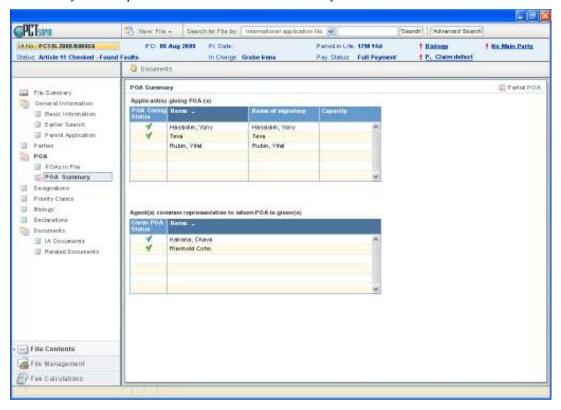


Power of attorney

A list of POA's and their details:



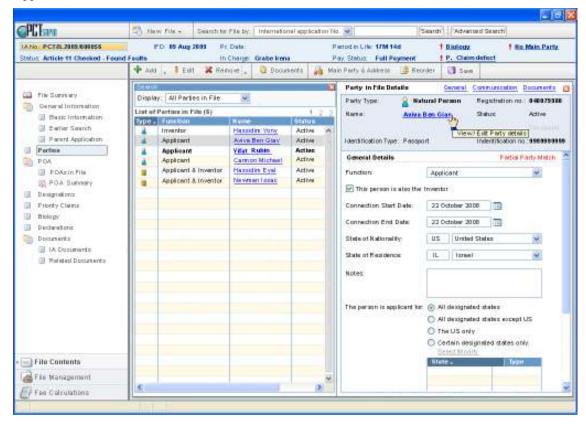
A Summary of the representations of the Power of attorneys



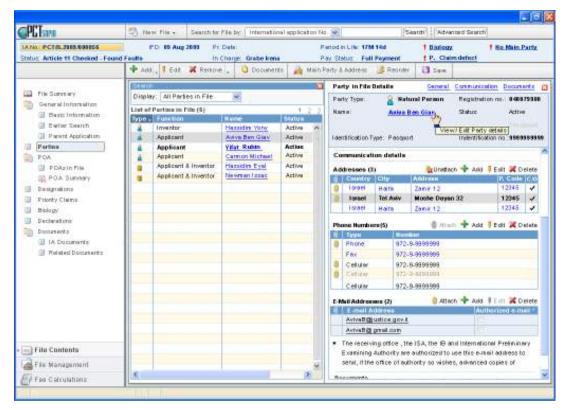
Parties in File

A number of parties from different types may be defined for the file. Each of them has different details.

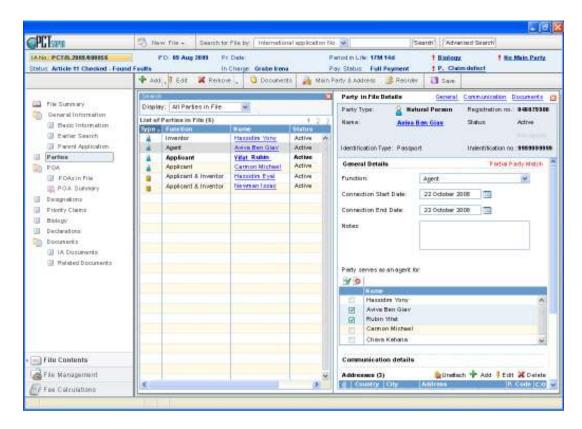
Applicant details:



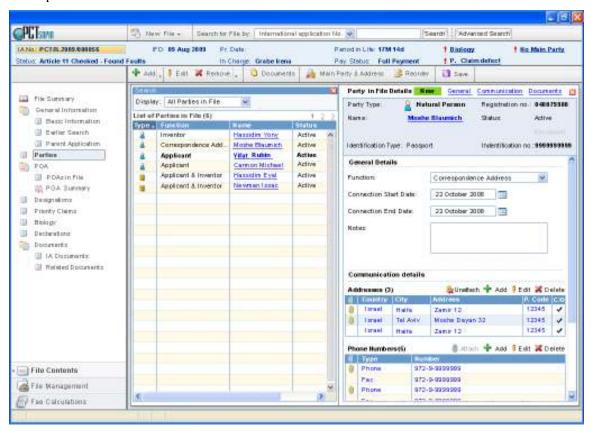
Applicant's communication information:



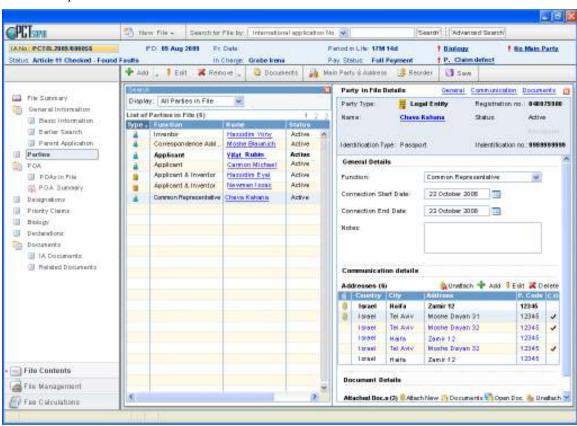
Agent's details:



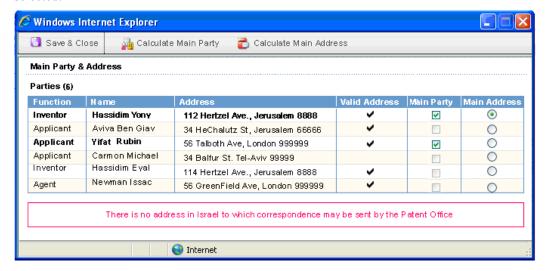
Correspondence Address details:



Common representative details:



After defining all the parties in the file the main parties and the main address must be selected.



2.4. Documents

PCT SAPIA supports a full electronic file.

A document can be attached to the file itself, or to any one of its components. From each component detail a list of documents attached to that specific detail can be viewed.

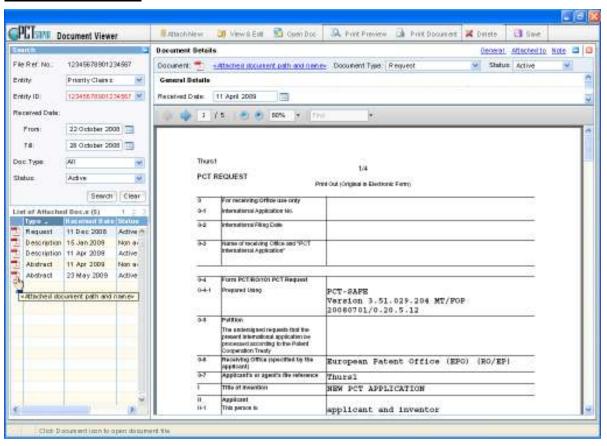
The IA (International Application) documents are marked as such and can be viewed under the IA documents folder. All other documents attached to the file in any level can be viewed through the related documents folder.

To have a better view of the files documents the "Documents" may be clicked on any screen to activate the PCT Document Viewer. Through the viewer be default all the documents linked to the entity (for example: POA, earlier search) are listed. The list may be changed by changing the search parameters.

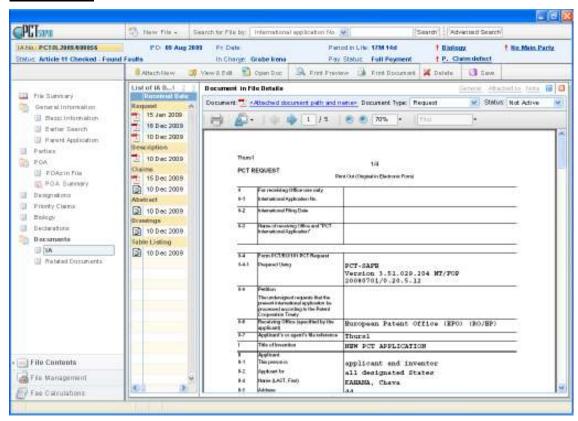
New documents may be added and attached to the file or one of its components. Each document may be attached to one or more components in a file or to several files.

Each document is assigned a type that is one of the standard WIPO document types described in the "Minimal specification for electronic PCT Document exchange" document.

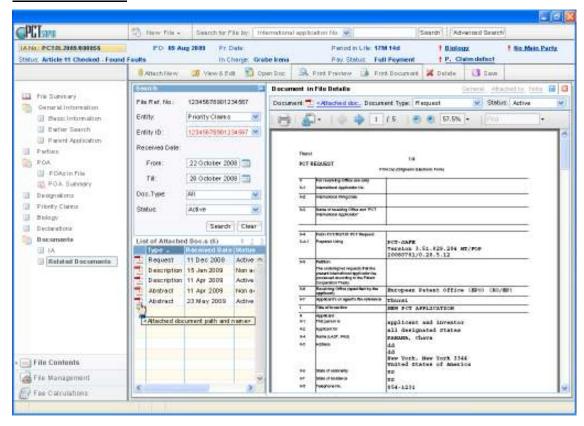
PCT Document Viewer



IA Documents

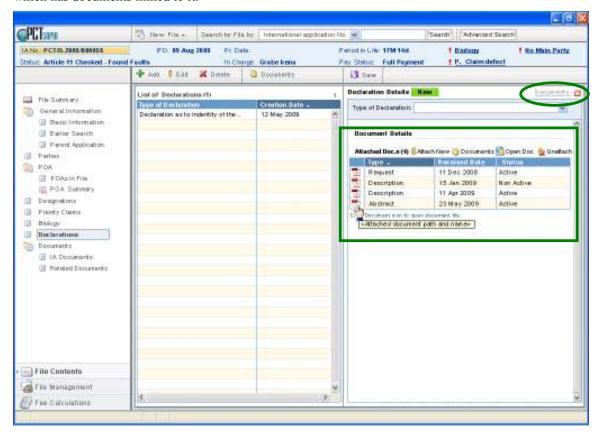


Related Documents



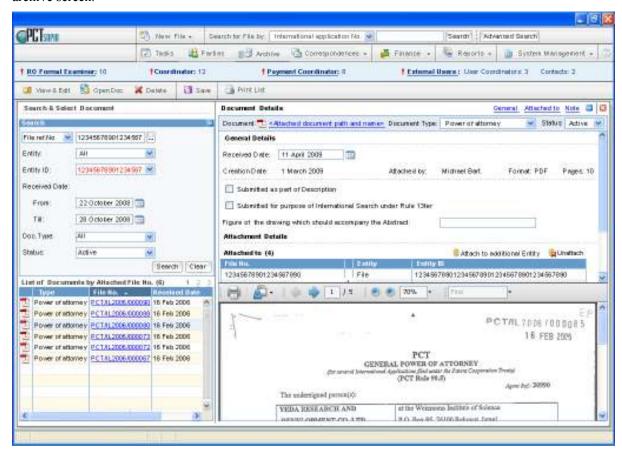
Documents linked to a file's component

This screen shot is an example of a files specific component, in this case a certain declaration, which has documents linked to it.



Archive search

Documents attached to a single file or to multiple files can be can be located by using the archive screen.



2.5. File Management

The file management contains the incoming correspondence received; the RO Forms created and sent using the outgoing correspondence, and the files handling process.

2.5.1. Incoming Correspondence

The definition

A list of Incoming correspondence types has been developed, (listed in Annex A)

An Incoming correspondence (IC) is defined by the type, the received date, the source and the documents attached to it.

An IC may be received though different channels:

- By regular mail, the IC will be manually opened. Its documents scanned and attached.
- Through the web site, New IC will automatically be opened.
- By receiving information from the International Burro (IB) though the Electronic Document Interface (EDI), the flies received are parsed and

Creating a new Incoming Correspondence

There are three ways to create a new IC.

- Filling a new IC from the IC list in s specific file.
- Filling a new IC from a screen in the cross file level.
- A party may file an IC from the website.

Treatment workflow

After filling the IC must be treated, there is a workflow defined for each IC type. Some of the types will be treated by the Coordinator and then by the formal examiner or the payment coordinator, other types will be treated directly by the formal examiner. Each of these users may take care of the IC or redirect it back to its previous stage.

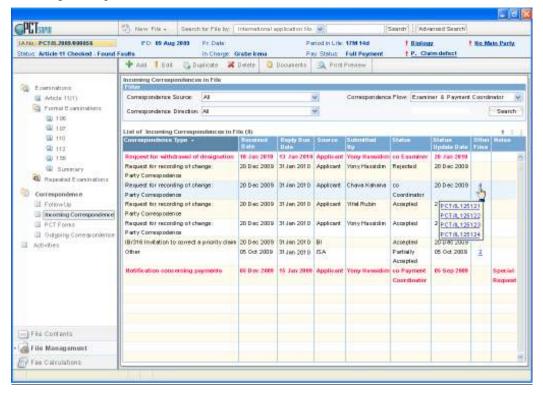
Treating an IC means opening the documents attached, reading understanding and then acting upon them and then marking that the IC has been treated (accepted or rejected). Acting upon an IC might include creating an RO form, updating the bibliography or adding to it, adding or updating fees, or withdrawing the file or parts of it.

Incoming Correspondence related to multiple files

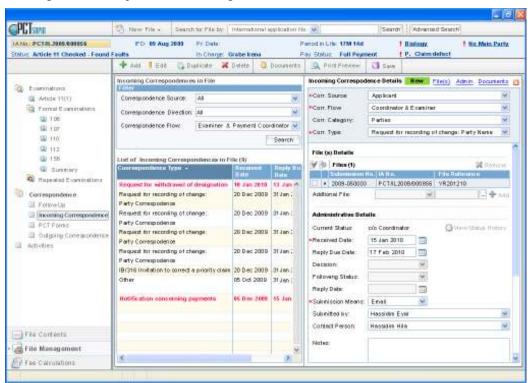
Usually each IC is linked to one file, but there are a few IC types that might be linked to many files (for example updating the party's details). In his case, the coordinator will view the IC as one line, and update the relevant information for the party. Then each formal examiner, who's in charge of a file, will see the IC related to his

own file in a separate line, and will verify that the information for the specific file is correct.

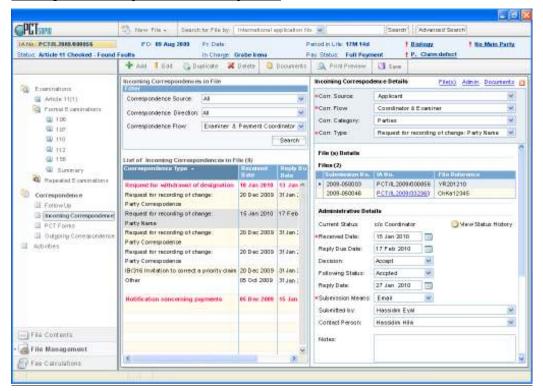
Incoming Correspondence List



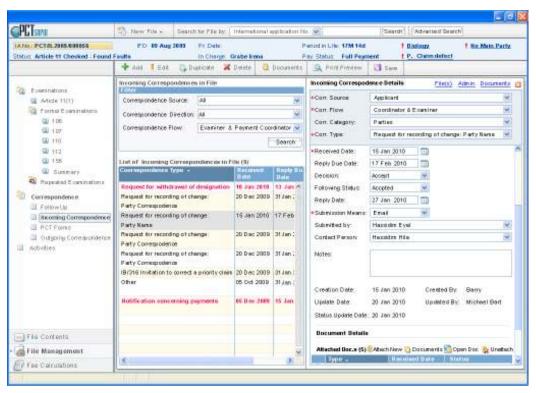
Creating a new correspondence for a single file



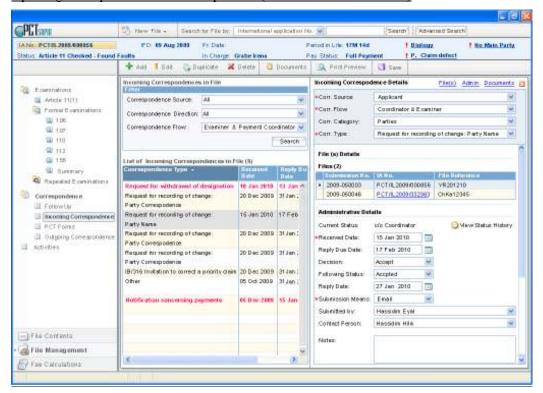
Creating a new correspondence for multiple files



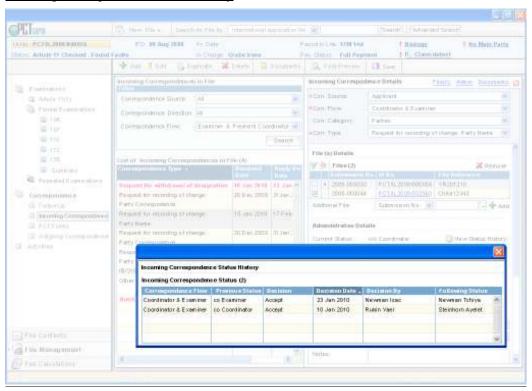
After scroll:



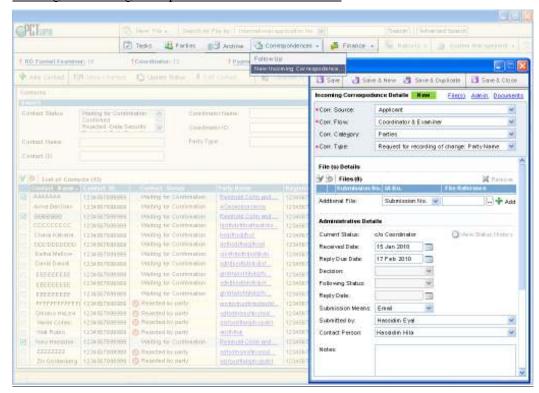
Updating correspondence with multiple files (the files cannot be altered)



Incoming Correspondence Status History



Creating an incoming correspondence from the main menu:



2.5.2. Outgoing Correspondence

The definition

An outgoing correspondence is defined by its type, the destination and documents attached to it.

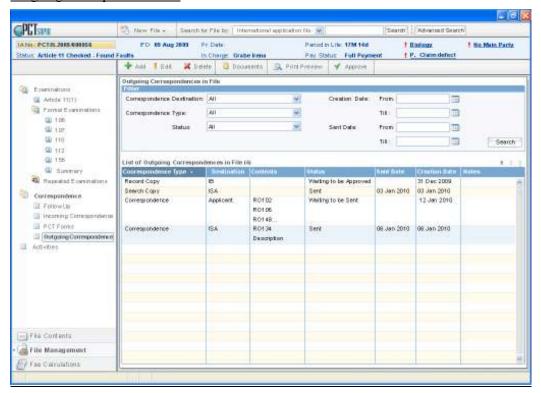
There are three outgoing correspondence types developed:

- Record Copy an outgoing correspondence (OC) to the International Burro (IB) that includes all the main documents of the file.
- Search Copy an OC to a Searching Authority that includes all the main documents of the file.
- Correspondence an OC to the applicant, the IB or the SA

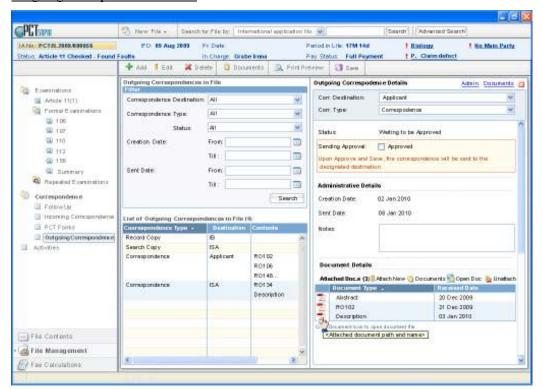
Sending

In the first version developed sending the OC to an applicant or to a searching authority will cause all the documents selected for the OC to be printed so they can be sent by regular mail. Sending an OC to the IB will send the information electronically through the EDI.

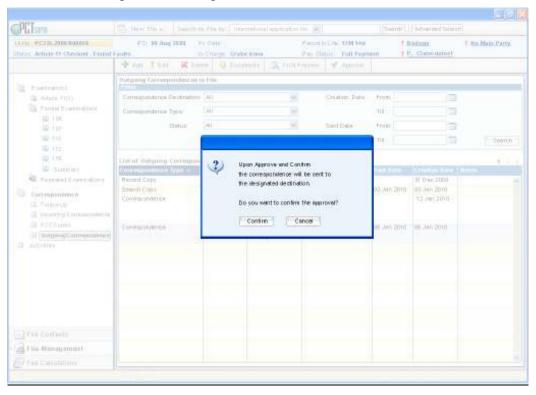
Outgoing Correspondence List



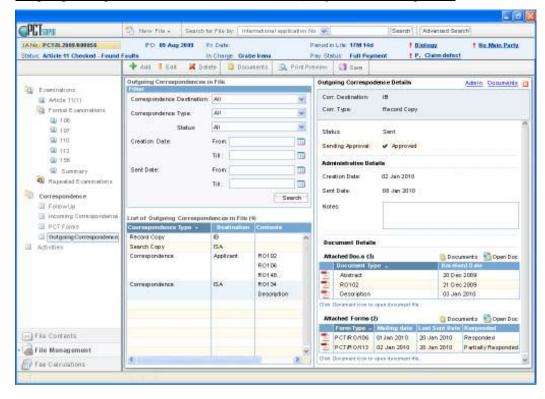
Outgoing correspondence details:



Confirmation message before sending:



Outgoing correspondence details after distribution: (Only notes can be updated)



2.5.3. RO Forms

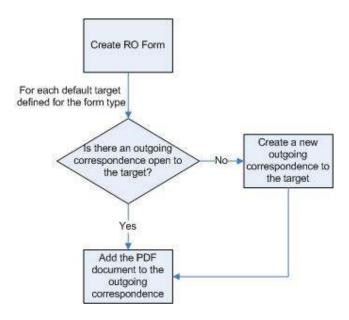
There are about 50 forms defined by the PCT treaty. All of the forms are implemented, most of them as regular forms and some as part of examinations or fees.

Creating and updating an RO Form

Each form has its own specific set of fields and a section for office use.

When creating a form the specific form details are filled and saved. In the office use section default reply due and reminder dates are calculated according to the date of mailing specified and the form type.

After saving the form a PDF document is created in the background and is attached to an outgoing correspondence. Each form type has default targets defined; the PDF document of the form is attached to OC for each target. If there are no OC open, new OC will automatically be generated.



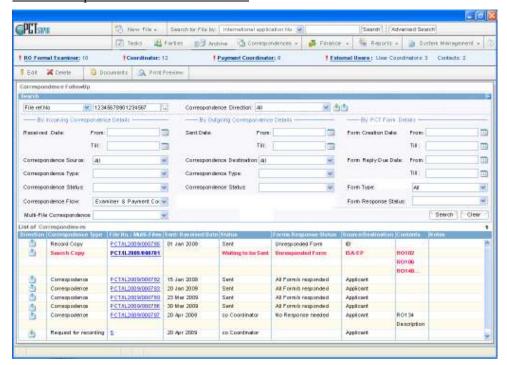
A form can not be updated if it is attached to an OC that has been sent.

2.5.4. The Follow Up

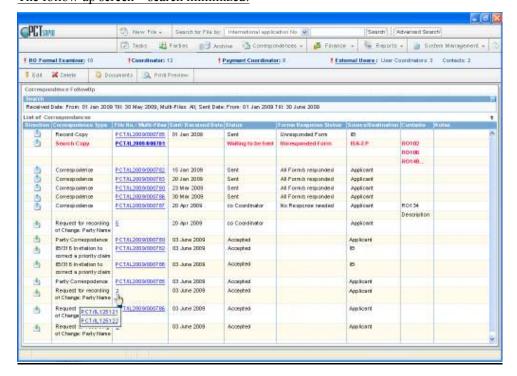
In the follow up screen all the correspondence both incoming and outgoing can be viewed according chronological order. The Forms sent can be viewed as well.

The follow up can be viewed out of a file context so all the correspondence received and send in all files can be viewed together.

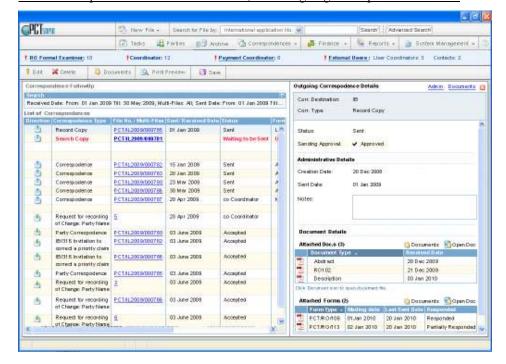
The follow up screen – Search maximized:



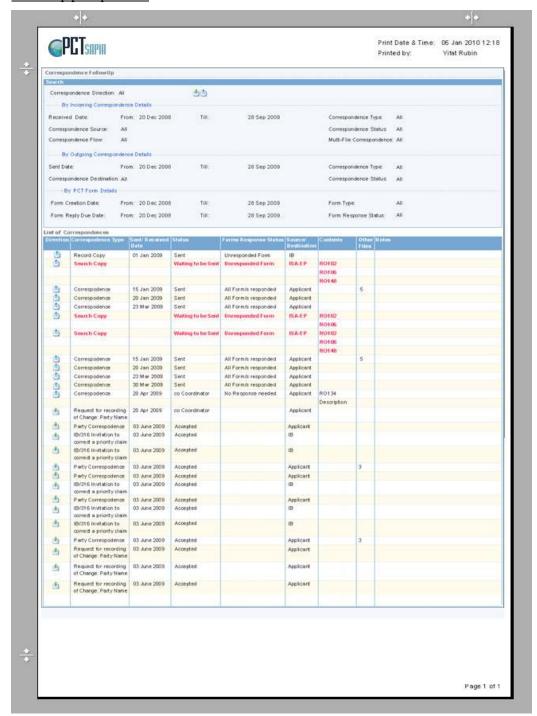
The follow up screen – search minimized:



The follow up screen – search minimized, with outgoing correspondence details



Follow up print preview:

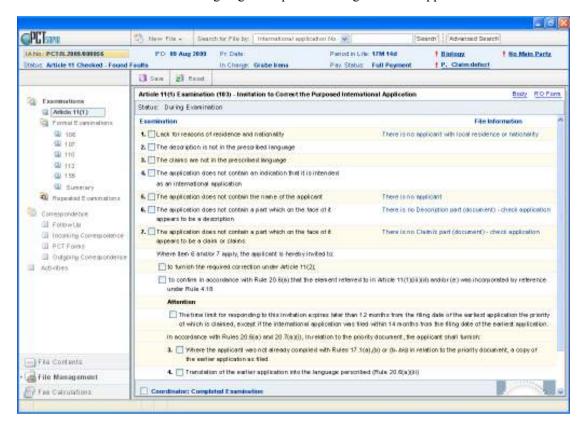


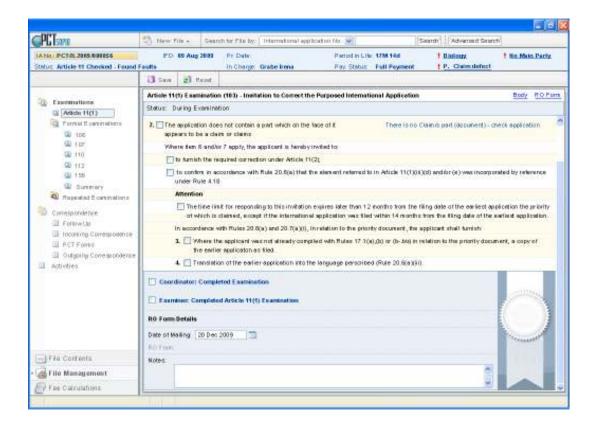
2.5.5. Examinations

Each file must pass two examinations, an Article 11(1) examination and a formal examination. The formal examination is made up of screens based on the RO106, RO107, RO110, RO112, RO156 forms.

The Article 11(1) Examination

The article 11(1) examination is based on the RO103 form. File information is displayed to warn about possible defects. The examination is done in two steps, first the coordinator examines the file and marks the completion, and then the formal examiner rechecks and marks his completion as well. An RO103 form is created upon the completion of the formal examiner if here are defects found (at least one of the examination's fields is checked). If a form is created it is automatically saved as a PDF document and linked to an outgoing correspondence targeted to the applicant.



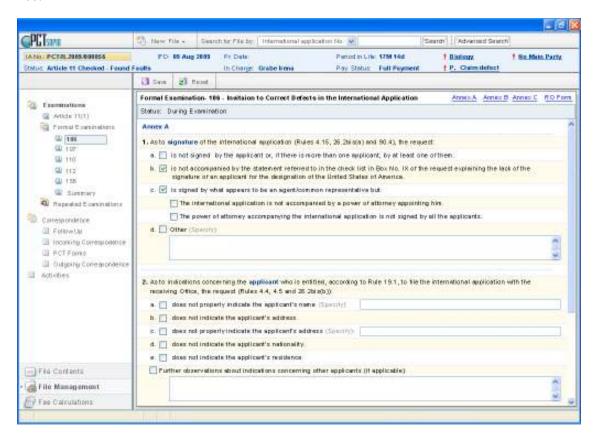


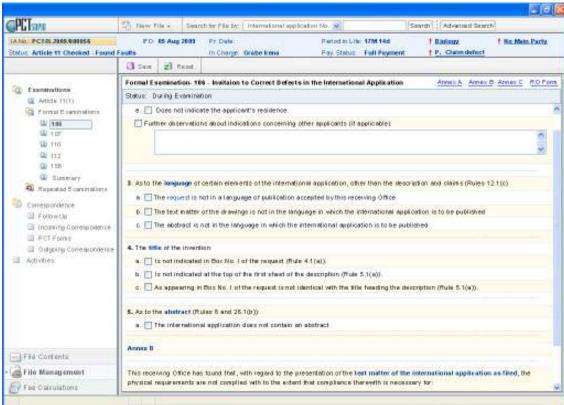
The Formal Examination

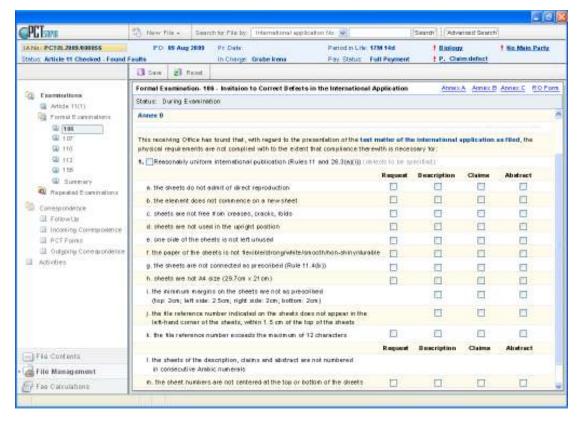
The formal examination is made up of 5 different segments that are based on RO106, RO107, RO110, RO112, RO156 forms.

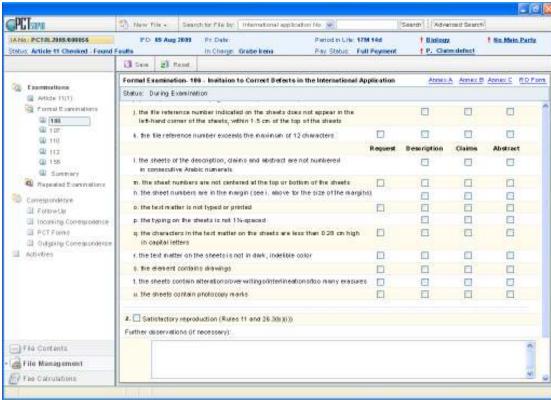
The formal examination is performed by the formal examiner. The examiner must go over the 106, 107 and 112 segments, 110 is required only if there are priority claims in the file, 156 is required only if there are declarations. After the completion of all required segments the completion of the formal examination is reported though the activity screen. Upon the report a form is created for each one of the segments that has a defect reported for it. The forms created are in the PCT Treaty standard.

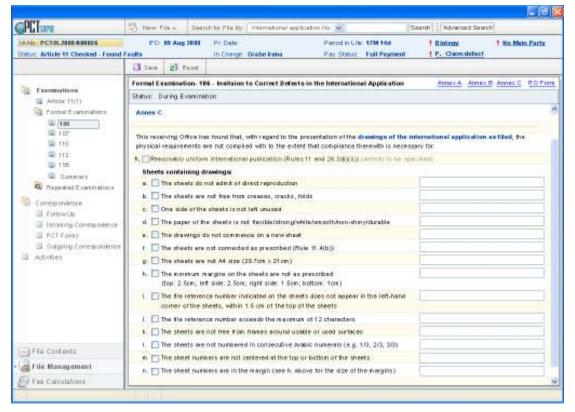
106:

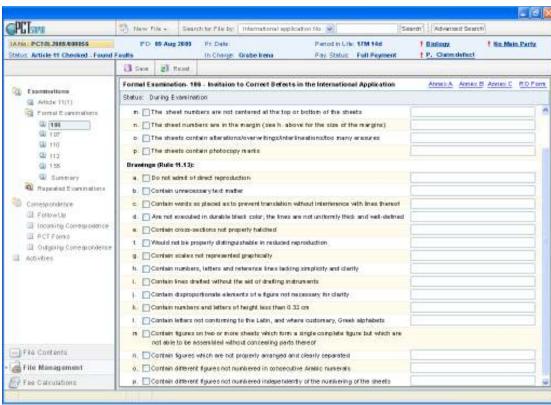


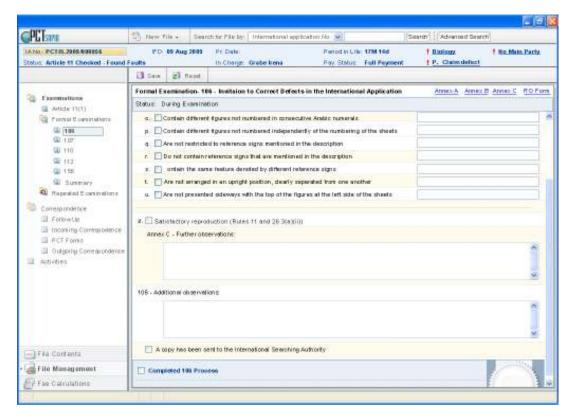


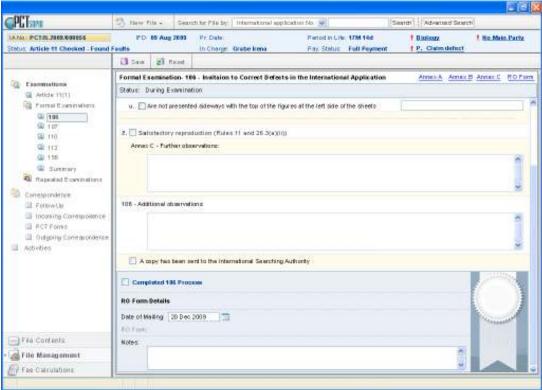




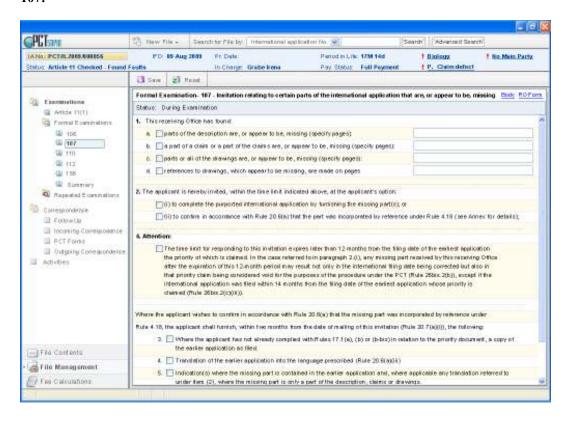




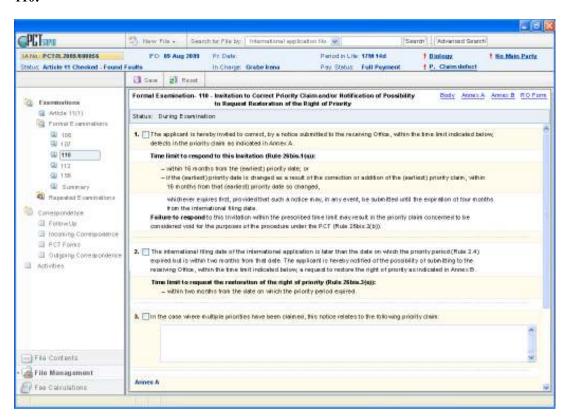


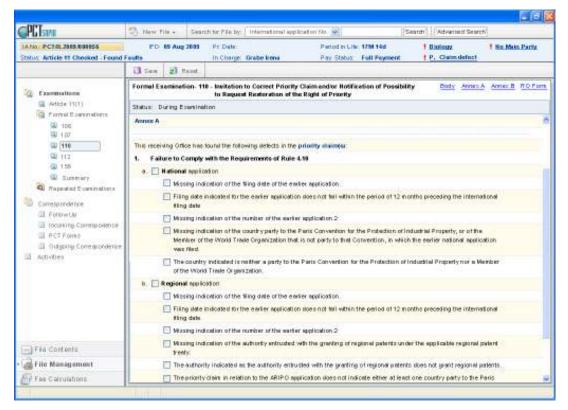


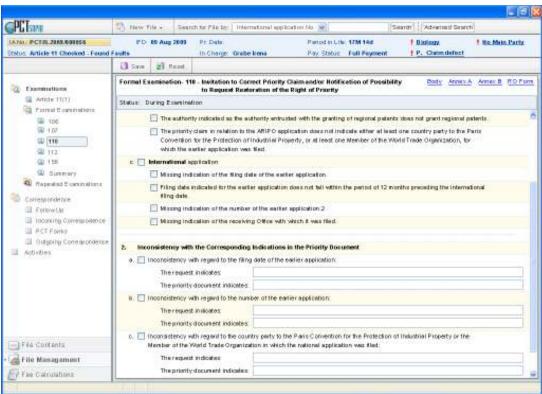
107:

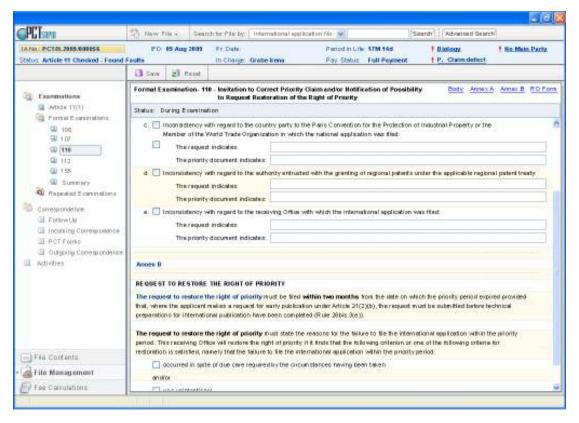


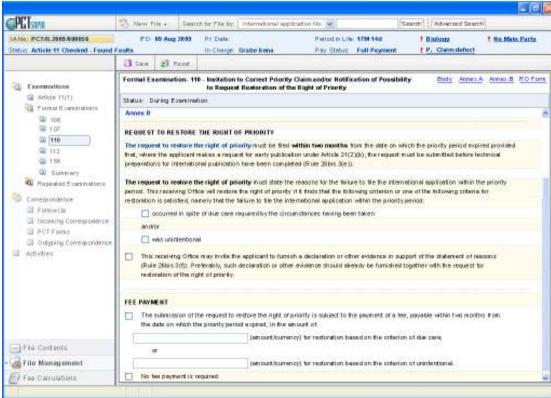
110:



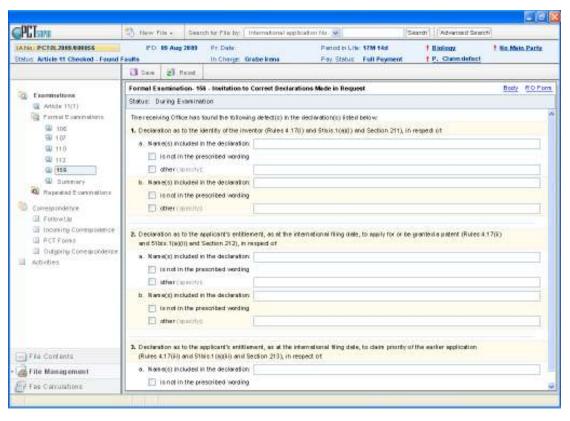


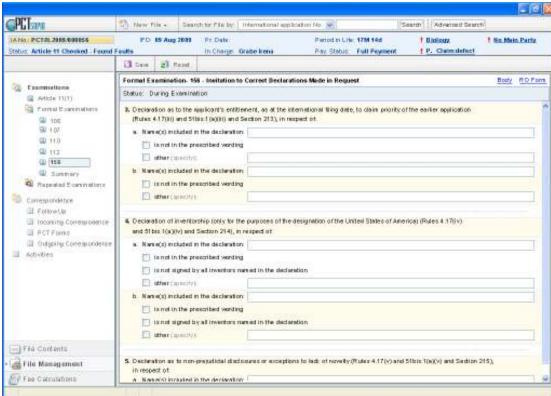


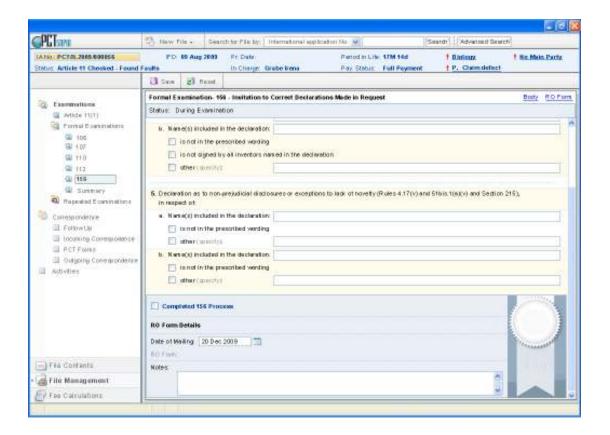




156:







Repeated Examination

After examining the file for the first time each one of the examinations (Article 11(1), 106, 107, 110, 112, and 156) can later be repeated as needed. In this case a form will be created only if there are defects in the examination

2.5.6. The File's Treatment Process

The process

Each file goes through a few main steps.

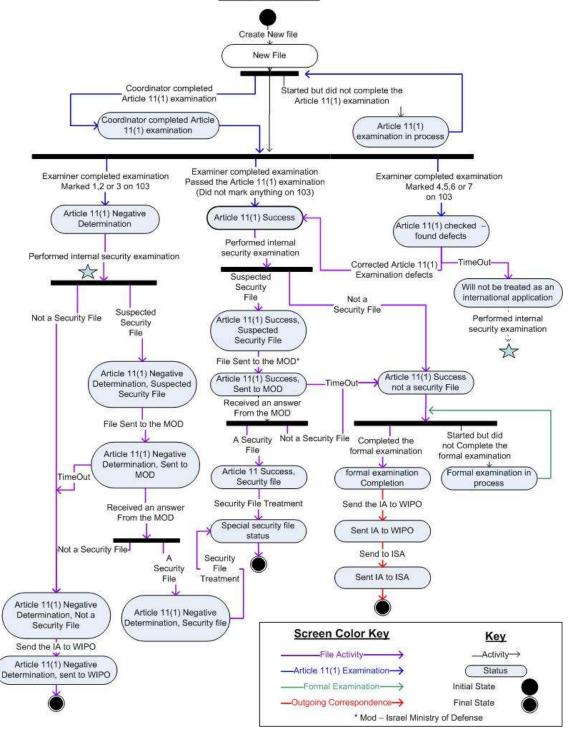
Filling, Article 11(1) Examination, security examination, formal examination, sending a record copy to the IB and sending a search copy to an ISA.

Some of the activities are performed in special screens (for example the Article 11(1) examination) and other activities must be declared specifically in the activities screen (for example the security check, completion of the formal examination)

The process exhibited is defined according to the requirements of the Israeli Receiving Office. It may be altered to accommodate processes in other receiving offices.

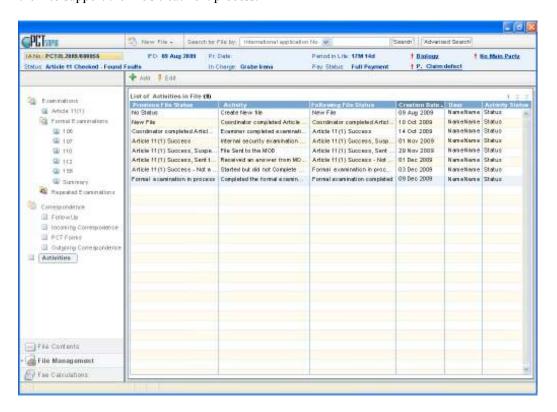
The file treatment process is described in the file status flow diagram.

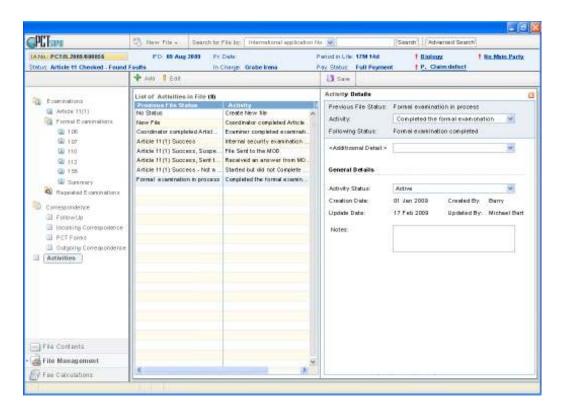
File Status Flow



The Activity screen

Some of the activities must be explicitly declared in the activity screen. Some of the activities have special additional parameters and special functionality attached to them to support the file's treatment process.





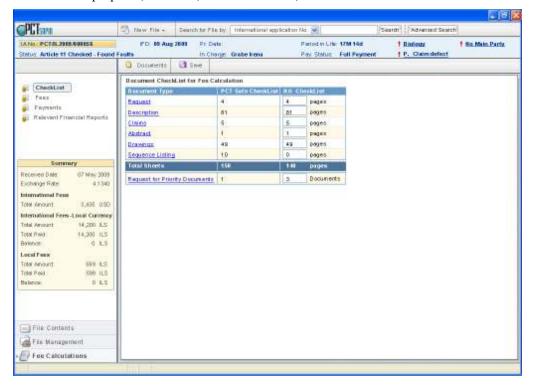
2.6. Fee Calculation

The files fee management includes the checklist and the fees requested and payments made.

The actual fee calculation has an interface to a central financial system. This interface must be customized to the local financial systems when the system will be installed in other RO Offices.

2.6.1. Check List

The checklist includes the parameters that support the file's fee calculation. There are two columns: The first column displays the numbers declared in the PCT Safe, for informational purposes, the other, the RO checklist, is used in the calculation.

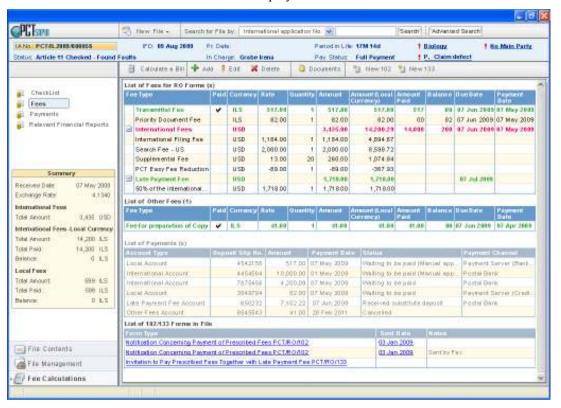


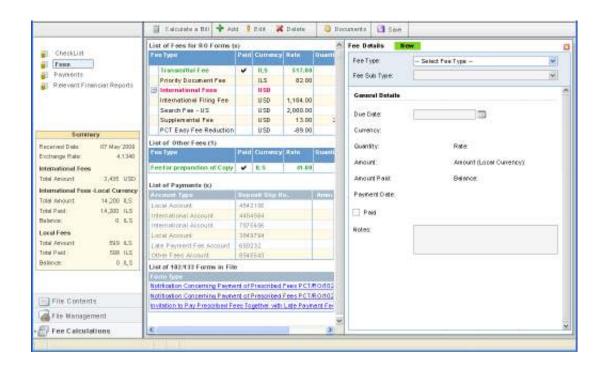
2.6.2. Fees

The basic fees are automatically calculated according to the number of pages in the request documents, the Searching authority chosen and the reduction entitled. If the files information is changed the fees are not updated automatically but a message is displayed.

This screen displays the required fees in a glance the fee situation can be determined. If the fee is fully paid it is displayed in green, if the fee in not paid and is overdue it is displayed in red

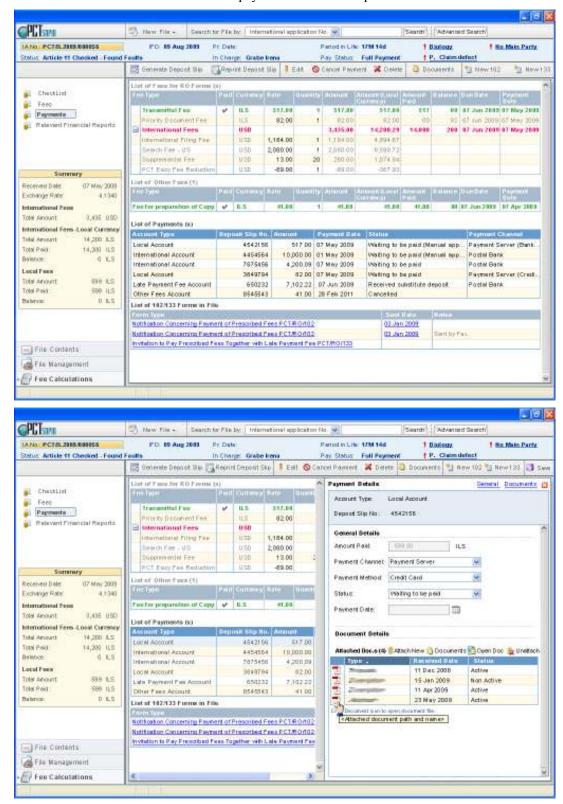
Links to the forms associated to the fees are displayed at the bottom of the screen.





2.6.3. Payments

The payments screen creates an electronic slip that is sent to the applicant together with the suitable RO form. Then when the actual payment is maid it is updated in this screen.



2.6.4. Payment Summary

The summary panel shows the totals associated with the file.

3. Cross File Functionality

The functionality that applies to many files or to the system itself is described in this section.

3.1. Users and Tasks

3.1.1. Users

Rolls

There are four different rolls defined for the users

- Coordinator The coordinator is in charge of filling the request making sure that all its information is recorded, performing a preliminary Article 11(1) examination, filling the incoming correspondence (IC) and treating it according to the IC flow.
- Formal Examiner The formal examiner is assigned to be in charge of a specific file, performs all the examinations, reports activities performed on the file, creates forms, treats IC and sends outgoing correspondence.
- Payment coordinator –The payment coordinator is in charge of all financial aspects, calculating and assigning fees, producing forms that are related to payments, producing electronic payment slips, receiving payment vouchers and producing financial reports.
- System administrator The system administrator is in charge of defining all system
 parameters and tables he can also perform any activity that the other uses can
 perform.

Each person may have more than one roll assigned to them, In case a person has many rolls one of his rolls is marked as his main roll.

Authorization

Each user screen has authorization defined for it meaning that an access level is defined for each roll (No access, View or Update). In some screens there is authorization in the field level.

3.1.2. Tasks

The first screen displayed after login is the task screen. This screen is used as a workbench of the user.

The tasks are displayed according to the user's roll. Each roll displays tasks in three levels:

File, incoming correspondence and outgoing correspondence.

The tasks defined are:

	Task	Entity	Roll
1.	Unassigned files	File	Coordinator
2.	Files in process – files in statuses that need handling.	File	Formal Examiner, Coordinator
3.	Unpaid files	File	payment coordinator
4.	Unpaid files with penalty	File	Formal Examiner
5.	Files for which Priority Document was not sent to IB within 16 months from the priority date	File	Formal Examiner
6.	Files not sent to IB within 25 days from the receiving date	File	Formal Examiner
7.	Files not sent to ISA within 60 days from the receiving date	File	Formal Examiner
8.	Incoming correspondence in process	incoming correspondence	Formal examiner, coordinator, payment coordinator
9.	Unapproved outgoing correspondence	Outgoing correspondence.	Formal Examiner

Each task has a set of activation and de-activating conditions. If the Activation conditions are fulfilled the task appears. After the user treats the task entity, the de-activating are fulfilled and the task is removed from the list.

Each quantitative number (25 days, 16 months) is stored as a system parameter that may be easily altered.

Tasks for a user's roll

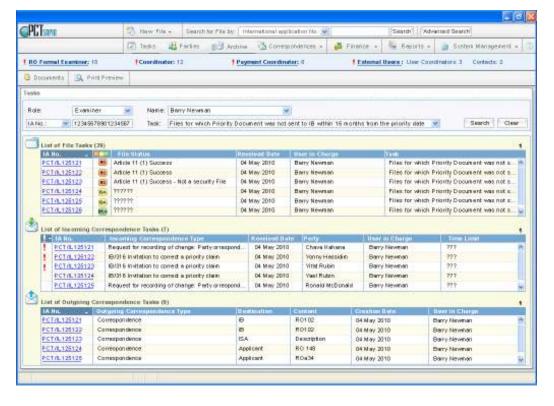
When the user opens the system the tasks that match his roll will be displayed, if the user has a few rolls assigned to him the task relevant to his main roll will be displayed. In the examiner task screen when a specific examiner is selected all the tasks relevant to files under his care and IC/OC that belong to files under his care will be displayed.

Any user may view tasks that belong to other users and other rolls. The rolls of all the examiners may be viewed together.

Incoming Correspondence Urgency

Certain IC types must be taken care of urgently in certain time windows, for example before publication by the IB, in these cases the IC task will be displayed as urgent, in red or orange, at the top of the list and with the time limit displayed.

Task Screen:



3.2. Parties

The address book of the parties is listed in this section. Each party may be a legal entity or a natural person, and may have a number of addresses, phone numbers and email addresses.

When attached to a file (in the party in file screen) the function the addresses relevant to the file must be selected.

Adding a new party

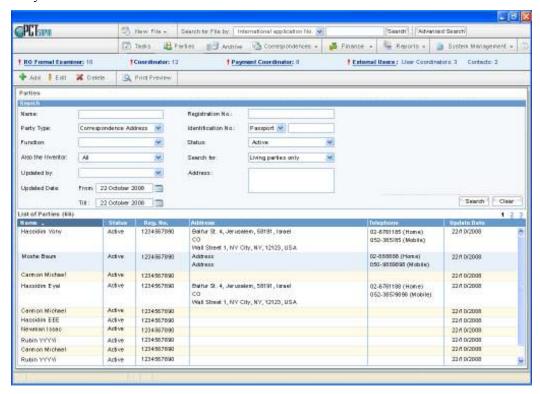
A new party may be entered into the system manually or created automatically when creating a new file by loading a PCT Safe file.

When the a party acts as a function in many files that are loaded from PCT Safe there is a danger of automatically creating duplicates of the party.

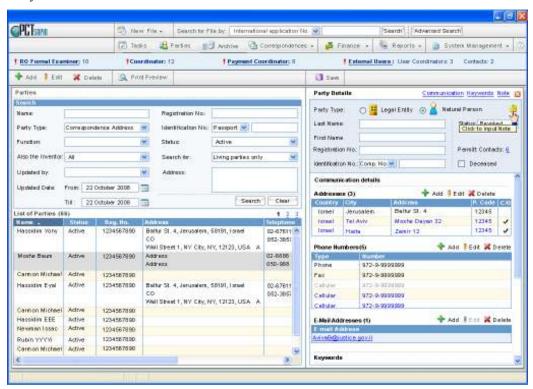
To prevent this each party will have keywords defined for it. If a new party has the same registration no. and name as an existing party it is considered to be the same party. Similarly if the registration no. matches and the name contains one of the keywords it is considered the same party.

New parties manually added will be checked by the same mechanism to prevent duplication.

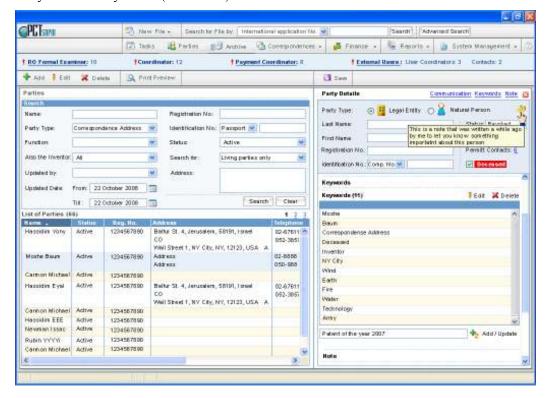
Party list:



Party details:



Party details – Key words (after scroll)



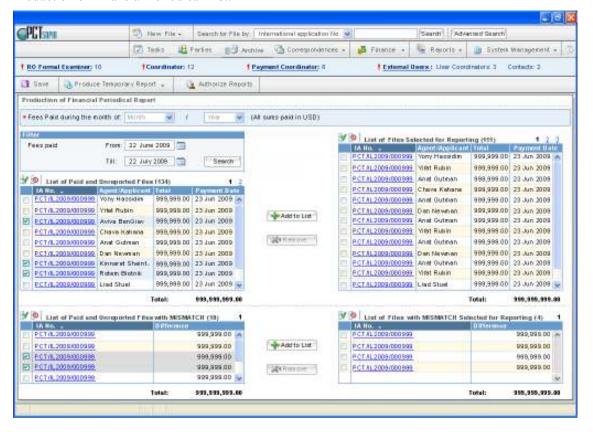
3.3. Finance

A monthly report must be made and sent to then IB, summarizing the files and amounts forwarded. To create this report a file list is created under two conditions:

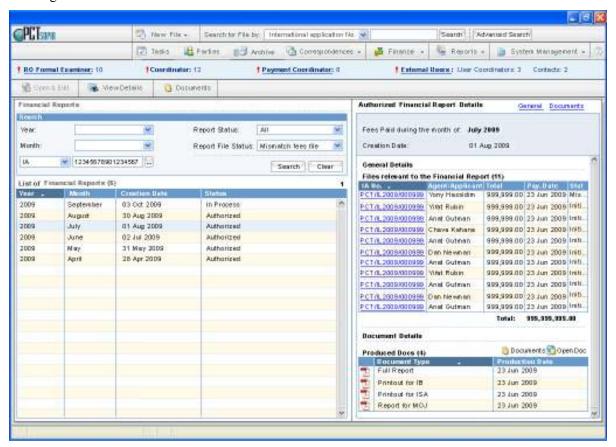
- The file has been fully paid and was not reported.
- The file has been paid and reported, then and another payment was charged, paid and not reported yet. These cases are called "Mismatch" – the amount paid is not equal to the amount reported.

The list is created, after authorizing it, the reports are generated. The reports and the list cannot be changed after authorization; all changes will be reported in the next month.

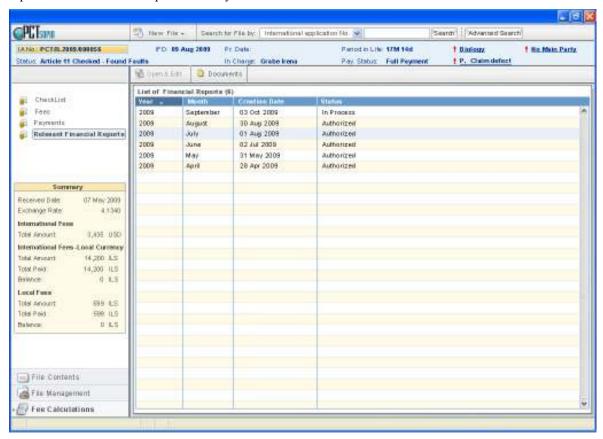
Production of Financial Periodical List:



Viewing financial lists after authorization:



After a file is paid, it is selected and reported in one or more financial repots. The list of reports the file has been reported in may be viewed in the file's Fee Calculation section.



3.4. System Management

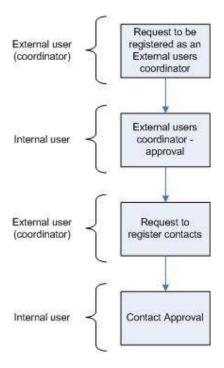
3.4.1. External users - web users

In order to be able to submit new IA requests or incoming correspondence for existing files the person must be registered as an external user and attached to a known and approved party.

Each party may have one external user (EU) defined as a coordinator many and external users defined as contacts.

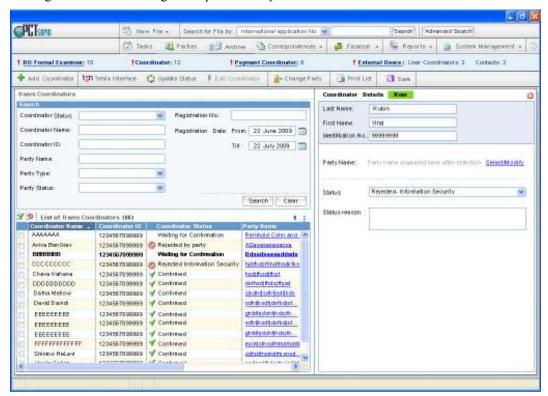
The process of defining external users:

- The external user requests to be registered as an EU coordinator. He may choose a known party or enter the information of a new party. (This step may be done by an internal user in the operational system on behalf of the coordinator)
- In the operational system an internal user must either authorize or reject the EU
 coordinator. He also makes sure the coordinator belongs to the correct party, if not
 the party may be changed.
- The EU coordinator may register many contacts, all linked to his party. (This step may be done by an internal user in the operational system on behalf of the coordinator).
- The internal user must authorize or reject the contacts registered. This step was done because of the need to register each contact separately in security system that hosts the Israeli web site. When the system will be installed in other receiving offices this step may not be needed, and the coordinator may register his contacts with no explicit approval.

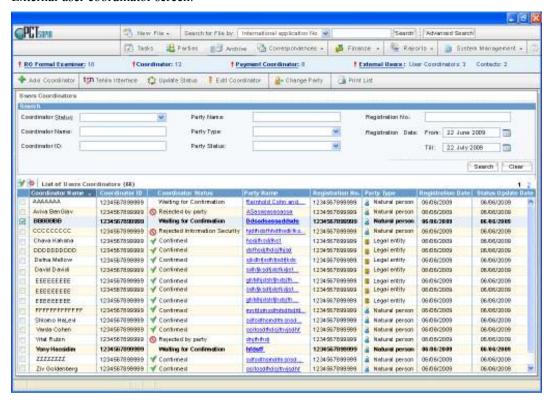


Page 64 of 85

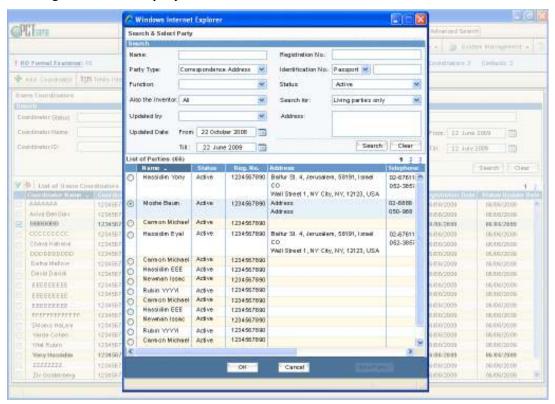
Adding a coordinator through the operational system:



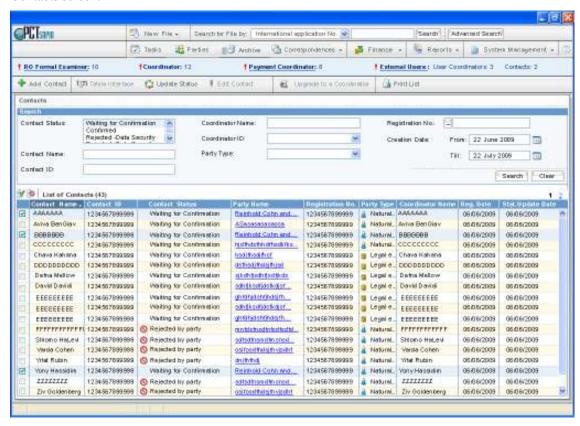
External user coordinator screen:



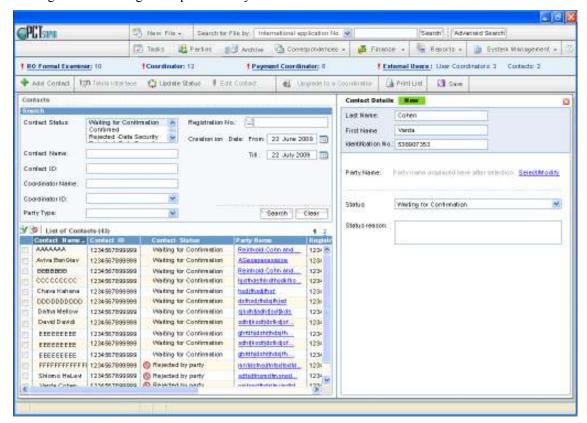
To change a coordinator's party:



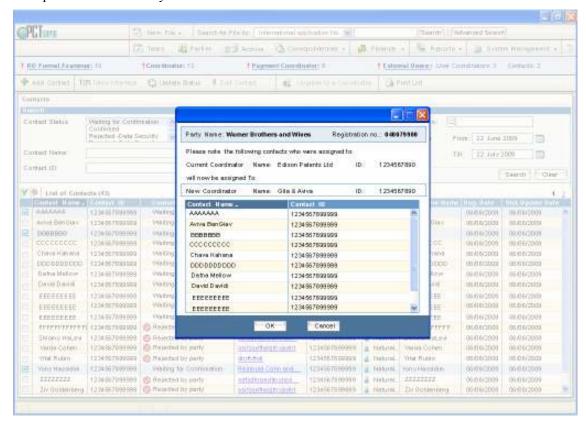
Contacts screen:



Adding contacts through the operational system

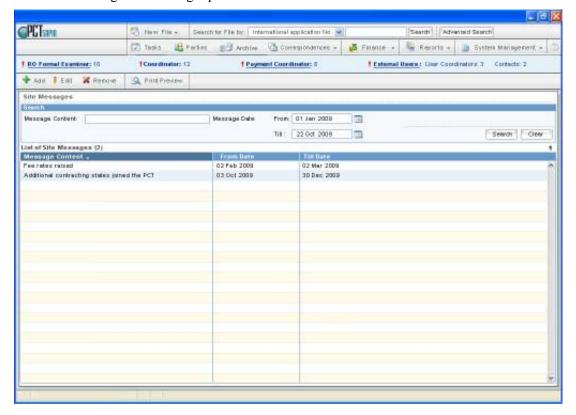


To replace a coordinator by a contact:



3.4.2. Site messages

This screen manages the messages publish on the web site:



3.5. Reports

The reports defined in the system all have selection parameters, they act as queries the results are displayed on a grid in the screen and they may be saved (externally) in PDF format.

The reports defined:

- 1. Files
- 2. Parties
- 3. Follow up incoming and outgoing correspondence.
- 4. Countries in the PCT Treaty.
- 5. Fees
- 6. Fees & Payments
- 7. RO forms including the automatic production of reminders
- 8. Alert report all the tasks may be viewed as reports in regard to a range of dates (The tasks on the workbench are displayed for the current date). There are two extra alerts:
 - Files with Article 11(1) Faults that were not completed within 2 months
 - Files with sent to Ministry of Defense (suspected as security files) with no answer after one month

(The quantitative numbers (2 months, one month) are stored as a system parameter that may be easily altered).

4. The Web Site

In order to supply better service to the public an online web site will be developed

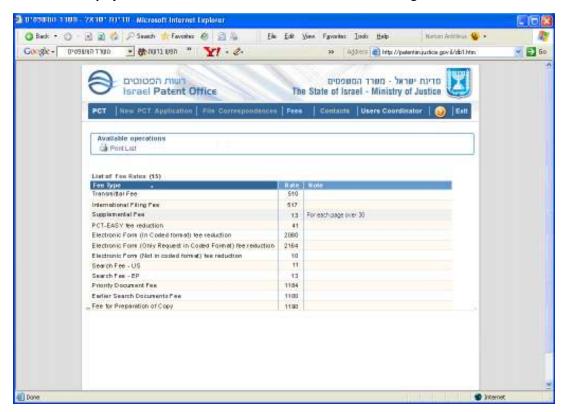
The web site includes the following services:

- Open to the public (unsecured users):
 - Current fee rates.
- Secured users (that posses a smart card):
 - Registration as a external users coordinator
- Registered Secured users (that posses a smart card and are registered in the system):
 - o Registration of contacts
 - o New request submission
 - o Correspondence submission

4.1. Services open to the Pubic

4.1.1. Current fee rates

This screen displays the currant rates for the fees related to the Receiving office.



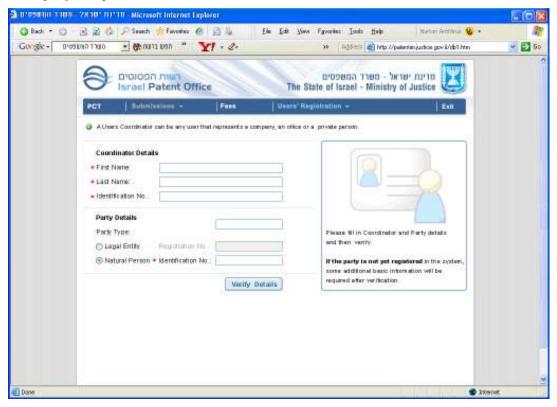
4.2. Services for Secured Users

4.2.1. External User Coordinator Registration

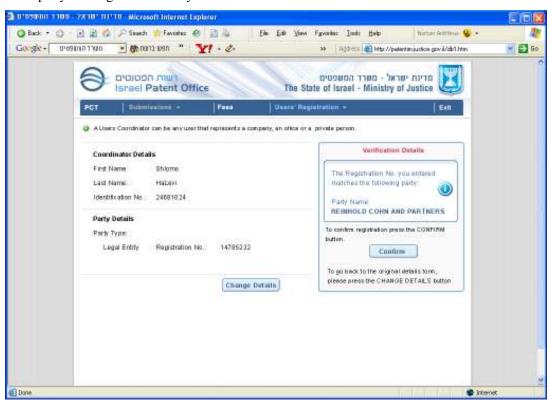
If a party wishes to submit new requests or correspondence in exiting files one of its employees must be defined as an external user coordinator.

This set of screens is for registration of a coordinator:

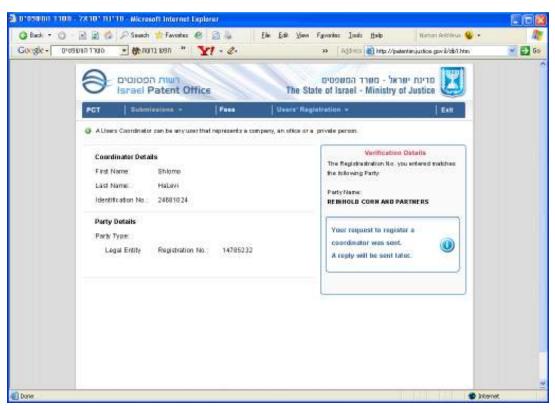
First registration screen, the user enters his personal details and the name and registration no. of the party he represents.



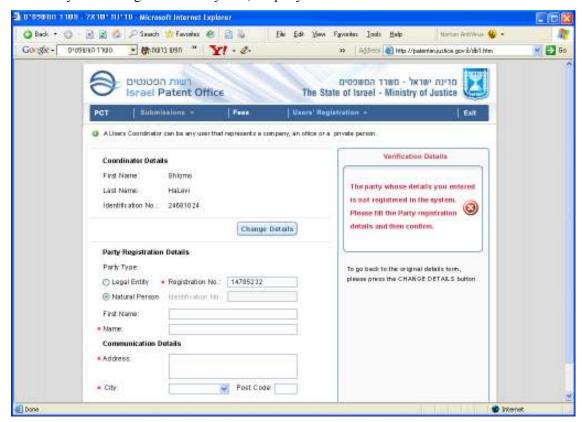
If the party is recognized in the system:



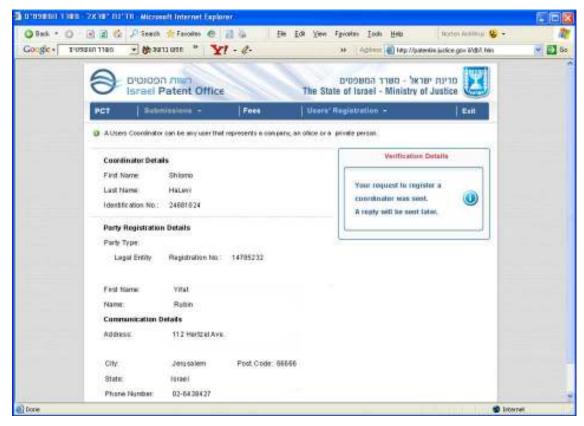
After confirmation



If the Party is not recognized in the system, the party details must be entered:



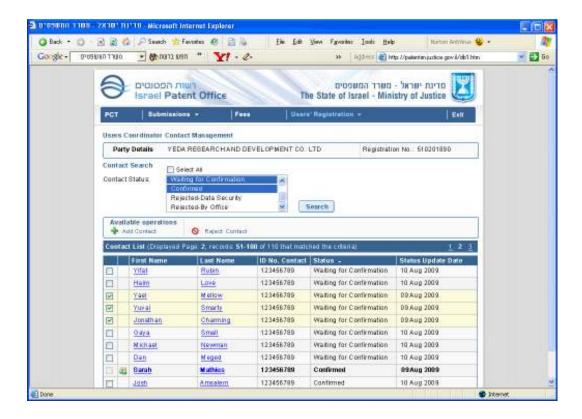
After confirmation:



4.3. Services for Registered Secured Users

4.3.1. User coordinator Contact management

In this screen the external user coordinator after authorization in the operational system may add or remove contacts related to his party.



4.3.2. Submissions

Any authorized external user coordinator or contact may submit a new request or submit a new correspondence for an existing file.

Submitting a new request:

The user must attach the PCT Safe File, which may be from the PCT – Easy version or the PCT Full electronic version.

If the PCT Safe file does not contain the application documents the user must attach them in the application documents section. If there are any other relevant documents they are attached in the "Other documents section".

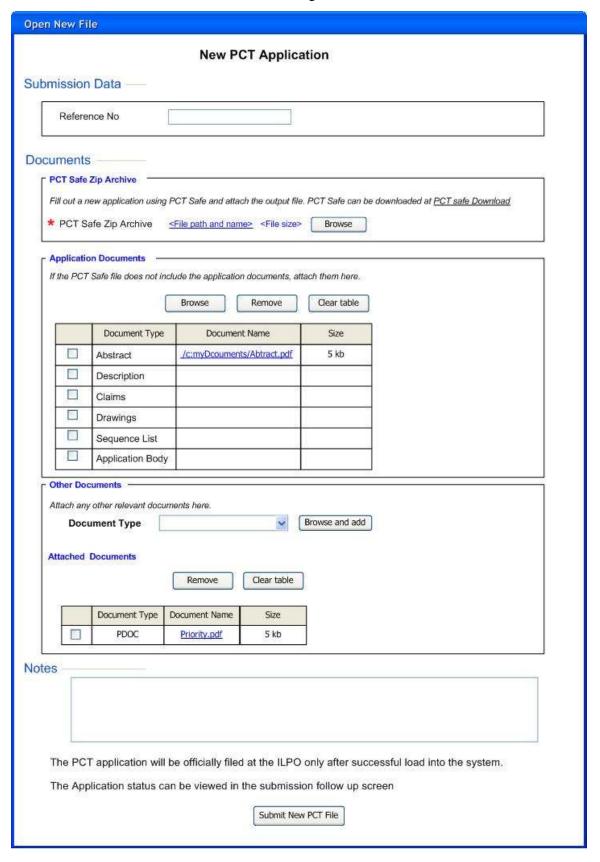
After submission the PCT Safe file undergoes initial checking which includes:

- Checking data security issues.
- Checking if the file was produced from the current PCT Safe version.
- Checking if the Package data file exists in all the other files are listed,
- Checking the relevant xml files are in the correct structure.

After the initial check the files are electronically signed and send to the internal network. The files are then parsed, if the parsing is successful a new file is created in the application system and the information and documents are loaded.

Indication of the submission success or failure is displayed in the log file in the operational system.

Note: The next four screens are before UI Design



After submission if the initial check is successful a receipt is displayed, the user may save or print the receipt as a proof of the submission.

New PCT Application Submission Receipt

It is hereby acknowledged that a PCT International Application has been submitted via the Israeli PCT Web Site.

Upon loading into the system a Submission number and received date will automatically be assigned

30 Feb 2010 14:34	
Moshe Cohen	
Lutzato Office	
PCT Safe Zip Archive:	MyInvention.zip
Abstract;	Abstract.pdf
Description:	Description.pdf
Claims:	Claims.pdf
	PCT Safe Zip Archive: Abstract: Description:

This receipt may be saved or printed as proof of submission {1234rtsko89dk49dksls893kslsf94kwlsf}

Submitting correspondence for an existing file

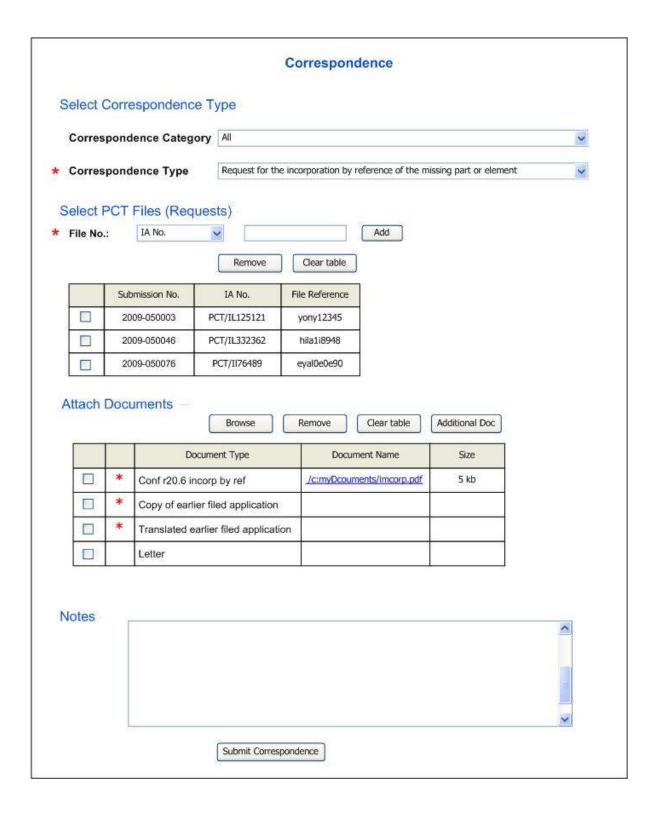
Each external user represents a party. The user can create and submit correspondence for a file only if the party he represents acts as a main party in the file.

The user first selects a correspondence type, with the aid of the category.

The correspondence type influences two sections:

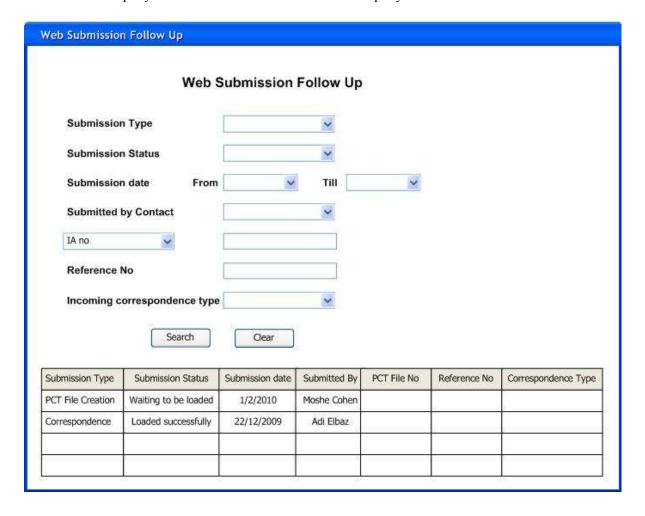
- The number of files that can be selected, some correspondence types can be submitted for a single file and others for multiple files.
- The document types that can be attached to the correspondence. After the selection a list of document types are displayed. Some of the documents are required, or required to choose one out of a list, others are optional. The user must attach all the required documents for the correspondence type he selected

Each correspondence type has a list of document and their level of requirement. All document types are the according to the WIPO standards defined in the "Minimal Specification for Electronic PCT Document Exchange" WIPO document.



Web Submission Follow Up

In this screen the external user can view the loading status of his submissions. All the users related to a party can see all the submission made for the party.



5. Interfaces

The electronic interfaces defined for the operational system

- Creating a new file by loading from PCT Safe from the operational system
- Incoming correspondence from IB
- Outgoing correspondence to the IB
- Creating a new file by loading from PCT Safe from the web site
- Loading incoming correspondence from the web site

5.1. Interfaces

Creating a new file by loading from PCT Safe from the operational system

When pressing the submit button in the new file screen a batch is activated to load the PCT safe into the operational system, The batch checks the PCT safe file, parses it and if there are no errors it is loaded a new file. The loading process outcome is recorded in the interface log file.

Incoming correspondence from IB

Through the sFTP WIPO sends a zip file containing IB Forms. For each form received a new incoming correspondence is created in the relevant file. The loading process outcome is recorded in the interface log file.

Outgoing correspondence to the IB

When sending an outgoing correspondence to the IB a zip file is created according to the WIPO standard and sent trough the sFTP. After receiving and parsing the file in the IB an acknowledgement is received.

The loading information is recorded in the interface log file.

Creating a new file by loading from PCT Safe from the web site

When submitting a request from the web site the files are electronically sealed, and sent to the internal network. A batch parses the documents, if there are no errors a new file is created in the operational system. The transferring and loading process is recorded in the interface log file.

Loading incoming correspondence from the web site

When submitting correspondence from the web site the files are electronically sealed, and sent to the internal network. A batch parses the documents, if there are no errors a new incoming correspondence is created for the relevant files in the operational system. The transferring and loading process is recorded in the interface log file.

5.2. The Interface Log File

The status of the different interfaces and information about the errors that occurred can be viewed in the interface log screens.

5.3. Manual Activation

Some interfaces are activated as batch files by a scheduler. If there is a need to instantly activate a batch file or if there is a scheduler failure the batch files can be activated manually.

6. Annexes

6.1. Annex A

6.1.1. Incoming Correspondence Types

- 1. Request for extension
- Later submitted sheets
- 3. Request for the incorporation by reference of the missing part or element
- 4. Submission of substitute sheets
- 5. Request for rectification of obvious error
- 6. Corrections complying with Rule 9.1
- 7. Request of transmittal of the IA to the IB as RO
- 8. Request for addition of sequence listings
- Request for revocation of party
- 10. Request for renunciation of the Agent or common representative
- 11. Assignments
- 12. Request for changing of nationality or residence
- 13. Request for recording of change: Party Communication
- 14. Request for recording of change: Party Name
- 15. Request for recording of change: Person
- 16. Request for changing of the address
- 17. Request of the successor for the rights of died applicant
- 18. Request for addition of party
- 19. Request for changing the order of the applicants
- 20. Request for changing the order of the inventors
- 21. Request for recording of change: Party Function
- 22. Submission of POA
- 23. Submission of additional signer in POA
- 24. Request to prepare and transmit to the IB a certified copy of the earlier application
- 25. Request for restoration of the right of priority
- 26. Request for correction of priority claim
- 27. Request for addition of priority claim
- 28. Submission the Priority document

- 29. Request for certified copy of IA
- 30. Request for withdrawal of international application
- 31. Request for withdrawal of priority claim
- 32. Request for withdrawal of designation
- 33. Submission of the earlier search results
- 34. Notice of non-establishment of ISR
- 35. Request for changing of the ISA
- 36. Request for addition of declaration
- 37. Request for correction of declaration
- 38. Indications relating deposited micro-organisms
- 39. A request to publish indications relating to a priority claim considered void
- 40. A request to publish rectification of an obvious mistake where it was refused by the RO
- 41. Amendments to the claims under Article 19
- 42. Notification concerning payments
- 43. Later submitted abstract
- 44. Request for correction of file reference number
- 45. Request for correction of title of invention
- 46. Request for correction of parent application
- 47. Applicant request for publication of late furnished correction/addition of priority claims
- 48. Ex-officio correction
- 49. Lack of signature
- 50. General Correspondence
- 51. IB/301 Receipt of record copy
- 52. IB/306 Record of changing
- 53. IB/307 Withdrawal of IA
- 54. IB/313 Defects in the IA
- 55. IB/316 Invitation to correct a priority claim
- 56. IB/317 Withdrawal of a priority claim
- 57. IB/318 Correction/addition of a priority claim
- 58. IB/345 Communication in cases of which no other form is applicable
- 59. IB/350 Demand not has been made
- 60. IB/370 Invitation to correct declarations
- 61. IB/371 Notification relating the declarations

- 62. IB/Other
- 63. ISA/202 Notification of Receipt of Search Copy
- 64. ISA/217 Notification of Decision Concerning Request for Rectification
- 65. ISA/214 Request for Information as to Right to Practice
- 66. ISA/Others